INDEX

CRITERION – 1.1.1

TABLE OF CONTENTS

S.No.	Department	Page No.
1.	Civil Engineering	**1-99**
2.	Computer Science Engineering	**100-174**
3.	Electronics and Communication Engineering	**175-239**
4.	Electrical and Electronics Engineering	**240-297**
5.	Instrumentation and Control Engineering	**298-354**
6.	Information Technology	**355-391**
7.	Mechanical Engineering	**392-465**
8.	Master in Business Administration	**466-484**

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Calendar for EVEN semester(2020-21) - First YEAR UG w.e.f 08.04.2021 revised on 15.04.2021

APRIL'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days	JUNE'21	DAY	DETAILS	Day order	working days	JULY'21	DAY	DETAILS	Day order	working days
01	THU				01	SAT	May Day-Holiday			01	TUE	IA TEST-2	V	40	01	THU	IA TEST-3	IV	64
02	FRI				02	SUN	Holiday			02	WED	IA TEST-2	I	41	02	FRI	IA TEST-3	V	65
03	SAT				03	MON	IA TEST-1	III	18	03	THU	IA TEST-2	II	42	03	SAT	IA TEST-3	I	66
04	SUN				04	TUE	IA TEST-1	IV	19	04	FRI	IA TEST-2	III	43	04	SUN	Holiday		
05	MON				05	WED	IA TEST-1	V	20	05	SAT	IA TEST-2	IV	44	05	MON	Syllabus completion	II	67
06	TUE				06	THU	IA TEST-1	I	21	06	SUN	Holiday			06	TUE	Revision	III	68
07	WED				07	FRI	IA TEST-1	II	22	07	MON		V	45	07	WED	Revision	IV	69
08	THU	II Sem classes commences	I	1	08	SAT	IA TEST-1	III	23	08	TUE		I	46	08	THU	Last Working day/Revision	V	70
09	FRI		II	2	09	SUN	Holiday			09	WED		II	47	09	FRI			
10	SAT		III	3	10	MON		IV	24	10	THU		III	48	10	SAT			
11	SUN	Holiday			11	TUE		V	25	11	FRI		IV	49	11	SUN	Holiday		
12	MON		IV	4	12	WED		I	26	12	SAT	Holiday			12	MON			
13	TUE	Ugathi-Holiday			13	THU		II	27	13	SUN	Holiday			13	TUE			
14	WED	Tamil New year-Holiday			14	FRI	Ramzan-Holiday			14	MON		V	50	14	WED			
15	THU		V	5	15	SAT	Holiday			15	TUE		I	51	15	THU			
16	FRI		I	6	16	SUN	Holiday			16	WED		II	52	16	FRI			
17	SAT	Holiday			17	MON		III	28	17	THU		III	53	17	SAT			
18	SUN	Holiday			18	TUE		IV	29	18	FRI		IV	54	18	SUN	Holiday		
19	MON		II	7	19	WED		V	30	19	SAT		V	55	19	MON			
20	TUE		III	8	20	THU		I	31	20	SUN	Holiday			20	TUE			
21	WED		IV	9	21	FRI		II	32	21	MON		I	56	21	WED	Bakrid-Holiday		
22	THU		V	10	22	SAT		III	33	22	TUE		II	57	22	THU			
23	FRI		I	11	23	SUN	Holiday			23	WED		III	58	23	FRI			
24	SAT		II	12	24	MON		IV	34	24	THU		IV	59	24	SAT			
25	SUN	Holiday			25	TUE		V	35	25	FRI		V	60	25	SUN	Holiday		
26	MON		III	13	26	WED		I	36	26	SAT	Holiday			26	MON			
27	TUE		IV	14	27	THU		II	37	27	SUN	Holiday			27	TUE			
28	WED		V	15	28	FRI		III	38	28	MON	IA TEST-3	I	61	28	WED			
29	THU		I	16	29	SAT	Holiday			29	TUE	IA TEST-3	II	62	29	THU			
30	FRI		II	17	30	SUN	Holiday			30	WED	IA TEST-3	III	63	30	FRI			
					31	MON	IA TEST-2	IV	39						31	SAT			
No. of Working days			17	17				22	39				24	63				7	70
Total No.of working days for the semester :														70					

Academic Chair Person - I Year

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Calendar for Even semester(2020-21) - Second Year B.E/BTech revised on 15.04.2021

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	30	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON	IA Test 2	III	46
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		IV	47
05	FRI				05	FRI		V	10	05	MON	STUDENT FEEDBACK 1			05	WED		V	48
06	SAT				06	SAT	Holiday			06	TUE	Election			06	THU		I	49
07	SUN				07	SUN	Holiday			07	WED				07	FRI		II	50
08	MON				08	MON		I	11	08	THU		I	31	08	SAT		III	51
09	TUE				09	TUE		II	12	09	FRI		II	32	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	52
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	53
12	FRI				12	FRI		V	15	12	MON				12	WED		I	54
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU	STUDENT FEEDBACK 2	II	55
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan Holiday		
15	MON				15	MON	Offline Classes	i	16	15	THU		V	33	15	SAT	Holiday		
16	TUE				16	TUE	Offline Classes	ii	17	16	FRI		I	34	16	SUN	Holiday		
17	WED				17	WED	Offline Classes	iii	18	17	SAT	Holiday			17	MON	IA Test 3	III	56
18	THU				18	THU	Offline Classes	iv	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	57
19	FRI				19	FRI	Offline Classes	v	20	19	MON		II	35	19	WED	IA Test 3	V	58
20	SAT				20	SAT	Offline Classes	i	21	20	TUE		III	36	20	THU	IA Test 3	I	59
21	SUN	Holiday			21	SUN	Holiday			21	WED		IV	37	21	FRI	IA Test 3	II	60
22	MON	IV Sem class commences	I	1	22	MON	Offline Classes	ii	22	22	THU		V	38	22	SAT	IA Test 3	III	61
23	TUE		II	2	23	TUE	Offline Classes	iii	23	23	FRI		I	39	23	SUN	Holiday		
24	WED		III	3	24	WED	Offline Classes	iv	24	24	SAT		II	40	24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	Offline Classes	v	25	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	Offline Classes	i	26	26	MON	IA Test 2	III	41	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	IV	42	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED	IA Test 2	V	43	28	FRI			
					29	MON	IA Test 1	I	27	29	THU	IA Test 2	I	44	29	SAT			
					30	TUE	IA Test 1	II	28	30	FRI	IA Test 2	II	45	30	SUN			
					31	WED	IA Test 1	III	29						31	MON			
No. of Working days			5	5				24	29				16	45				16	61

Total No.of working days for the semester : 61

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Calendar for Even semester(2020-21) - Third Year B.E/BTech revised on 15.04.2021

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON	IA Test 2	III	45
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		IV	46
05	FRI				05	FRI		V	10	05	MON				05	WED		V	47
06	SAT				06	SAT	Holiday			06	TUE	Election			06	THU		I	48
07	SUN				07	SUN	Holiday			07	WED				07	FRI		II	49
08	MON				08	MON		I	11	08	THU		I	30	08	SAT		III	50
09	TUE				09	TUE		II	12	09	FRI		II	31	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	51
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	52
12	FRI				12	FRI		V	15	12	MON				12	WED		I	53
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU	STUDENT FEEDBACK 2	II	54
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan Holiday		
15	MON				15	MON		I	16	15	THU		V	32	15	SAT	Holiday		
16	TUE				16	TUE		II	17	16	FRI		I	33	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT	Holiday			17	MON	IA Test 3	III	55
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	56
19	FRI				19	FRI		V	20	19	MON		II	34	19	WED	IA Test 3	V	57
20	SAT				20	SAT	Holiday			20	TUE		III	35	20	THU	IA Test 3	I	58
21	SUN	Holiday			21	SUN	Holiday			21	WED		IV	36	21	FRI	IA Test 3	II	59
22	MON	VI Sem class commences	I	1	22	MON		I	21	22	THU		V	37	22	SAT	IA Test 3	III	60
23	TUE		II	2	23	TUE		II	22	23	FRI		I	38	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT		II	39	24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI		V	25	26	MON	IA Test 2	III	40	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	IV	41	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED	IA Test 2	V	42	28	FRI			
					29	MON	IA Test 1	I	26	29	THU	IA Test 2	I	43	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI	IA Test 2	II	44	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				16	44				16	60

Total No.of working days for the semester : 60

Principal

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

Department of Civil Engineering

FACULTY WORKLOAD - ALLOCATION FOR THE ACADEMIC YEAR 2020-2021(ODD semester)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/LAB	HOURS	TOTAL HOURS
1	Dr. G. Dhanalakshmi Prof.	Design of Reinforced Cement Concrete Elements	CE8501	III / V	THEORY	6	9
		Creative And Innovative Project	CE8711	IV / VII	LAB	3	
2	Mr. A. Anandraj Asst. Prof.	Fluid Mechanics	CE8302	II / III	THEORY	5	17
		Industrial safety	EN8591	IV / VII	THEORY	6	
		Construction Materials Lab	CE8311	II / III	LAB	6	
3	Mr .C.Kesava Raja Asst. Prof.	Engineering Geology	CE8392	II / III	THEORY	5	17
		Environment And Agriculture	OA1551	III / V	THEORY	4	
		Surveying Laboratory	CE8361	II /III	LAB	6	
		Creative And Innovative Project	CE8711	IV / VII	LAB	2	
4	Ms. P. Vaishali Asst. Prof.	Construction Materials	CE8391	II / III	THEORY	4	18
		Structural Analysis I	CE8502	III / V	THEORY	5	
		Construction Materials Lab	CE8311	II / III	LAB	6	
		Structural Design and Drawing **	CE8703	IV / VII	LAB	3	
5	Ms. C. Nivedhitha Asst. Prof.	Municipal Solid Waste Management	EN6501	IV / VII	THEORY	6	17
		Water Supply Engineering	EN8491	III / V	THEORY	5	
		Water and Waste Water Analysis Laboratory	CE8512	III / V	LAB	6	
6	Mr. G. Venkatesan Asst. Prof.	Disaster Management	GE8071	III / V	THEORY	5	19
		Estimation,Costing And Valuation Engineering	CE8701	IV / VII	THEORY	6	
		Soil Mechanics Laboratory	CE8511	II / III	LAB	6	
		Creative And Innovative Project	CE8711	IV / VII	LAB	2	
7	Mr.S.Kannan Asst. Prof.	Foundation Engineering	CE8591	III / V	THEORY	5	18
		Surveying	CE8351	II /III	THEORY	5	
		Creative And Innovative Project	CE8711	IV / VII	LAB	2	
		Surveying Laboratory	CE8361	II /III	LAB	6	
8	New Staff 1	Strength of Materials I	CE8301	II / IV	THEORY	5	17
		Railways, Airports, Docks and Harbour Engineering	CE8702	IV / VII	THEORY	6	
		Soil Mechanics Laboratory	CE8511	III / V	LAB	6	
9	New Staff 2	Structural Design and Drawing **	CE8703	IV / VII	THEORY	6	18
		Structural Design and Drawing **	CE8703	IV / VII	LAB	3	
		Water and Waste Water Analysis Lab	CE8512	III / V	LAB	6	
		Creative And Innovative Project	CE8711	IV / VII	LAB	3	
NOTE : ** - THEORY - CUM - PRACTICAL (New-Subject - R2017)						**Total**	**150**

HoD/Civil **Principal**

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Civil Engineering
WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2020-21(EVEN)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr. A. Belin Jude	Design of Steel Structural Elements	CE8601	III/VI	THEORY	6	12
		Project Work	CE8811	IV / VIII	LAB	6	
2	Ms. C. Nivedhitha Asst. Prof.	Wastewater Engineering	EN8592	III/VI	THEORY	5	17
		Basic Civil and Mechanical Engineering	BE8252	ICE/A/II	THEORY	6	
		Irrigation and Environmental Engineering Drawing	CE8612	III/VI	LAB	6	
3	Mr. C. Kesavaraja Assistant Professor	Strength of Materials - II	CE8402	II/IV	THEORY	5	16
		Air Pollution and Control Engineering	CE8005	III/VI	THEORY	5	
		Strength of Materials Laboratory	CE8481	IV / VIII	LAB	6	
4	Mr. A. Anandraj Asst. Prof.	Applied Hydraulic Engineering	CE8403	II/IV	THEORY	5	16
		Repair and Rehabilitation of Structures	CE8020	IV / VIII	THEORY	5	
		Hydraulic Engineering Laboratory	CE8461	II / IV	LAB	6	
5	Mr. S. Kannan Asst. Prof.	Highway Engineering	CE8604	III/VI	THEORY	6	17
		Construction Techniques and Practices	CE8401	II / IV	THEORY	5	
		Highway Engineering Laboratory	CE8611	III/VI	LAB	6	
6	Mr. G. Venkatesan Asst. Prof.	Irregation Engineering	CE8603	III/VI	THEORY	5	16
		Soil Mechanics	CE8491	II / IV	THEORY	5	
		Computer aided Building Drawing	CE8211	I / II	LAB	6	
7	Ms. P. Vaishali Asst. Prof.	Structural Analysis - II	CE8602	III/VI	THEORY	6	17
		Concrete Technology	CE8404	II / IV	THEORY	5	
		Engineering Machanics	CE8292	I / II	LAB	6	

Timetable Coordinator **HoD/Civil** **Principal**

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF CIVIL ENGINEERING

REVIEW OF COURSE FILE

S.No.	Details Date:	R-I-*	R-II-#	R-III-$	R-IV-&	R-V-@
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *	√				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*	√				
3.	Syllabus signed by staff & HoD*	√				
4.	Lecture Schedule signed by staff & HoD*	√				
5.	Course Committee meeting circular and minutes*					
6.	Identification of Curricular gap and Content Beyond the syllabus*	√				
7.	Previous AU Question papers (at least 5)*	√				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*	√				
9.	Unit wise course material *	√				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry #$&					
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry #$&					
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry#$&		√	√	√	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. #$&		√	√	√	
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers#$&					
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers#$&					
16.	AU Web portal entry sheet#$&		√	√	√	
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.#$					
18.	Absence for two tests-action taken-communication to parents-evidence. #$					
19.	Indiscipline of student reported, if any #$&					
20.	Special class/coaching class/remedial class/attendance-CAP #$&					
21.	Conduct of Seminar, Quizzes - proof#$&					
22.	Content beyond the syllabus – proof #$&		√			
23.	Course end survey &				√	
24.	Internal Assessment sheet &				√	
25.	AU question paper with students feedback @					
26.	Discrepancy of the question paper and correspondence, if any @					
27.	AU result analysis-Details of arrear students. @					
28.	AU grade sheet @					
29.	CO – PO & PSO attainment sheet @					
	Signature of Course handling faculty					
	Signature of HoD					

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 21.05.2021

Ref : SCE/Syllabus/ Theory/2020-21 - Even sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject SOIL MECHANICS , code CE8491 for II year, IV semester, department of CIVIL B.E/B.Tech/MBA during the academic year 2020 – 21, even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 52 periods, revised syllabus for 07 periods and discussed the Anna University Examination question papers of the last 05 years.

Signature : G. Venkatesan

Name : G. VENKATESAN

Designation : ASSISTANT PROFESSOR

Department : CIVIL ENGINEERING

Date : 21-05-2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 21.05.2021

Ref : SCE/Syllabus/ Theory/2020-21 - Even sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Construction Techniques & Practices code CE 8401 for SECOND year, FOURTH semester, department of CIVIL ENGG. B.E/~~B.Tech~~/~~MBA~~ during the academic year 2020 – 21, even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 47 periods, revised syllabus for 07 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : S. Kannan

Name : S. KANNAN

Designation : ASSISTANT PROFESSOR

Department : CIVIL ENGINEERING

Date : 21.05.2021

Signature of HoD : 21/5/21.

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 21.05.2021

Ref : SCE/Syllabus/Laboratory/2020-21- Even sem/ CE 8611 - HIGHWAY ENGG. LAB.

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature : Signature : —

Name : S. KANNAN Name : —

Designation : ASSISTANT PROFESSOR Designation : —

Department : CIVIL ENGINEERING

Signature of HoD : 21/5/21

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed. NIL

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 21.05.2021

Ref : SCE/Syllabus/Laboratory/2020-21- Even sem/ CE 8461 – Hydraulics Engineering Lab

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	: –
Name	: M. ANANDRAJ	Name	: –
Designation	: Assistant Professor	Designation	: –
Department	: Civil Engineering		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed. – Nil

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 26.10.2020

Ref : SCE/Syllabus/ Theory/2020-21 - Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject SURVEYING, code CE 8351 for II year, III semester, department of CIVIL ENGG. B.E/B.Tech/MBA during the academic year 2020 – 21, Odd semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 49 periods, revised syllabus for 07 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature :

Name : S. KANNAN

Designation : ASSISTANT PROFESSOR

Department : CIVIL ENGINEERING

Date : 26.10.2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 26.10.2020

Ref : SCE/Syllabus/ Theory/2020-21 - Odd sem/ CE 8302

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject FLUID MECHANICS , code CE 8302 for II year, III semester, department of Civil Engg. B.E/B.Tech/MBA during the academic year 2020 – 21, Odd semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 50 periods, revised syllabus for 10 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : A. ANANDRAJ

Designation : Assistant Professor

Department : Civil Engineering

Date : 26 – 10 – 2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 26.10.2020

Ref : SCE/Syllabus/ Theory/2020-21 - Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject INDUSTRIAL SAFETY , code OMF754 for IV year, VII semester, department of Civil Engg, B.E/B.Tech/MBA during the academic year 2020 – 21, Odd semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 50 periods, revised syllabus for 10 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : M. ANANDRAJ

Designation : Assistant Professor

Department : Civil Engineering

Date : 26-10-2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 26.10.2020

Ref : SCE/Syllabus/Laboratory/2020-21- Odd sem/ CE8311 - Construction Materials Lab

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	:
Name	: A. ANANDRAJ	Name	:
Designation	: Assistant Professor	Designation	:
Department	: Civil Engineering		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed. (Nil)

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 26.10.2020

Ref : SCE/Syllabus/Laboratory/2020-21- Odd sem/ CE8511 - SOIL MECHANICS LABORATORY

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature : G. Venkatesan

Name : G. VENKATESAN

Designation : ASSISTANT PROFESSOR

Department : CIVIL ENGINEERING

Signature :

Name :

Designation :

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed. NIL

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 26.10.2020

Ref : SCE/Syllabus/Laboratory/2020-21- Odd sem/ CE 8361 - SURVEYING LABORATORY

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	:
Name	: S.KANNAN	Name	:
Designation	: ASSISTANT PROFESSOR	Designation	:
Department	: CIVIL ENGINEERING		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed. NIL

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 2021

Sem: ODD/ EVEN ✓

Dept: CIVIL

Year/ Sem/Sec	IV / VIII / A																
Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
GE8076 - PEE	DR. ANANTHA M. R. PAD - MANABAN	IA Test	66	66	0	0	100	66	66	0	0	100	66	66	0	1	98
		Make up Test	—	N	A	—	—	—	N	A	—	—	—	N	A	—	—
		Remarks															
CE8020 - MRRS	MR. A. ANAND - RAJ	IA Test	66	66	0	0	100	66	66	0	0	100	66	66	0	0	100
		Make up Test	—	N	A	—	—	—	N	A	—	—	—	N	A	—	—
		Remarks															
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			for C. KESAVA RAJA					for C. KESAVA RAJA					for C. KESAVA RAJA				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT – CIVIL			DETAILS OF EXAMINATION IA TEST : III Makeup Test : —		
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : IV / VIII / A					
		IA Test	Makeup Test		
1	GE8076 PEE	2, 9, 54	—		
2	CE8020 MRRS	3, 13, 69	—		
3					
4					
5					
6					

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT	CIVIL	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test : —

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : IV / VIII / A					
		IA Test	Makeup Test		
1	GE8076 PEE	47, 61, 74	—		
2	CE8020 MRRS	10, 25, 75	—		
3					
4					
5					
6					

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 ~~ODD~~ EVEN SEMESTER

NAME OF THE DEPARTMENT – CIVIL			DETAILS OF EXAMINATION IA TEST : I, Makeup Test : NIL		
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : IV / VIII / A					
		IA Test	Makeup Test		
1	MAGE8076 - PEE	1, 13, 39	—		
2	CE8020 -MRRS	29, 48, 56	—		
3					
4					
5					
6					

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 2021

Year/ Sem/Sec																	Sem: ODD/ EVEN ✓				
																	Dept		CIVIL		
Subject Code	Name of faculty		Test I					Test II					Test III								
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CE8604	Mr.S.Kannan	IA Test	56	56	0	4	93	56	55	01	10	80	56	55	01	2	95
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
CE8592	Ms.C.Vinedhitha	IA Test	56	56	-	-	100	56	56	-	-	100	56	56	-	-	100
		Make up Test	-	-	-	-	-	-	-	-	-	-					
		Remarks	-					-					-				
CE8005	C.Kesava Raja	IA Test	56	56	-	-	100	56	56	-	-	100	56	56	-	-	100
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
Signature of QAC members with name			C.KESAVA RAJA					C.KESAVA RAJA					C.KESAVA RAJA				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-21

Sem: ODD/ EVEN ✓

Dept: CIVIL

Year/ Sem/Sec			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CE8601	Dr. A. Balin Jude	IA Test	56	56	-	-	100	56	56	-	-	100	56	56	-	-	100
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
CE8602	Ms. P. Vaishali	IA Test	56	56	-	-	100	56	56	-	02	96	56	56	-	01	98
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
CE 8603	Mr. G. Venkatesan	IA Test	56	56	-	-	100	56	56	-	-	100	56	56	-	02	96
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
Signature of QAC members with name			for (G. KESAVA RAJA)					for (G. KESAVA RAJA)					for (G. KESAVA RAJA)				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT : CIVIL			DETAILS OF EXAMINATION IA TEST : III		Makeup Test : –	
Sl.No	Subject Code	List of Batch Nos Verified		Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III / VI / A						
		IA Test – III	Makeup Test			
1	CE8601	217027, 217015 217007	–	N	Y	–
2	CE8602	217007, 217012 217009	–	N	Y	–
3	CE8603	217007, 217012 217002	–	N	Y	–
4	CE8604	217007, 217002 217015	–	N	Y	–
5	EE8592	217003, 217012 217057	–	N	Y	–
6	CE8005	217034, 217012 217022	–	N	Y	–

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT	CIVIL	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test : –

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test – II	Makeup Test		
1	CE8601	217059, 217051 217007	–	N	Y	–
2	CE8602	217014, 217024 217059	–	N	Y	–
3	CE8603	217004, 217017 217015	–	N	Y	–
4	CE8604	217038, 217013 217001	–	N	Y	–
5	GN8592	217008, 217017 217059	–	N	Y	–
6	CE8005	217007, 217003 217029	–	N	Y	–

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 ODD SEMESTER

NAME OF THE DEPARTMENT	CIVIL	DETAILS OF EXAMINATION	IA TEST : I	Makeup Test : –

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III / VI / A					
		IA Test – I	Makeup Test		
1	CE 8601 DSS	217006, 217042 217007	–	N	Y	—
2	CE8602 SA – II	217007, 217016 217042	–	N	Y	—
3	CE8603 Irri. Engg.	217034, 217015 217039	–	N	Y	—
4	CE8604 Highway Engg	217004, 217026 217031	–	N	Y	—
5	Env 8592 Hazard Waste Engg.	217007, 217014 217010	–	N	Y	—
6	CE8005 AP & CE	217007, 217037 217044	–	N	Y	—

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Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020 - 2021

Year/ Sem/Sec	II YEAR / IV SEM / A															Sem: ~~ODD~~/ EVEN				
																Dept		CIVIL ENGG.		
Subject Code	Name of faculty		Test I					Test II					Test III							
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %				
CE8403	A. ANAND RAJ	IA Test	38	38	0	0	100	38	38	0	0	100	38	38	0	0	100				
		Make up Test																			
		Remarks																			
CE8404	P. VAISHALI	IA Test	38	38	0	1	97.37	38	38	0	1	97.37	38	38	0	0	100				
		Make up Test																			
		Remarks																			
CE 8491	G. VENKATESAN	IA Test	38	38	0	0	100	38	38	0	0	100	38	38	0	0	100				
		Make up Test																			
		Remarks																			
Signature of QAC members with name			for G. KESAVA RAJA					for G. KESAVA RAJA					for G. KESAVA RAJA								
Signature of HOD																					
QAC In-Charge																					
IQAC Co-ordinator																					
Principal																					

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec: II YEAR/IV SEM / A

Sem: ~~ODD~~/ EVEN

Dept: CIVIL ENGG.

Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
MA 8491	LAKSHMI DEVI	IA Test	38	34	4	16	52.94	38	35	3	11	68.57	38	33	5	6	81.82
		Make up Test															
		Remarks															
CE 8401	S. KANNAN	IA Test	38	37	1	14	62.16	38	36	2	10	72.22	38	32	4	6	81.25
		Make up Test															
		Remarks															
CE 8402	C. KESAVARAJA	IA Test	38	38	0	0	100	38	38	0	0	100	38	38	0	0	100
		Make up Test															
		Remarks															
Signature of QAC members with name			for C. KESAVA RAJA					for C. KESAVA RAJA					for C. KESAVA RAJA				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CIVIL ENGINEERING		DETAILS OF EXAMINATION IA TEST : III		Makeup Test : —	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II YEAR / IV SEM / A SEC					
		IA Test - III	Makeup Test		
1	MA 8491	227018, 227009 227030	—		
2	CE 8401	227039, 227009 227030	—		
3	CE 8402	227001, 227028	—		
4	CE 8403	227022, 227036	—		
5	CE 8404	227026, 227036	—		
6	CE 8491	227004, 227003	—		

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT	CIVIL ENGINEERING	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test : –

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II YEAR / IV SEM / A SEC					
		IA Test - II	Makeup Test		
1	MA 8491	227018, 227042, 227012	–		
2	CE 8401	227018, 227032 227008	–		
3	CE 8402	227039, 227011	–		
4	CE 8403	227026, 227032	–		
5	CE 8404	227022, 227027	–		
6	CE 8491	227026, 227010	–		

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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 | EVEN SEMESTER

NAME OF THE DEPARTMENT	CIVIL ENGINEERING	DETAILS OF EXAMINATION	IA TEST : I	Makeup Test : —

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II YEAR / IV SEM / A SEC					
		IA Test – I	Makeup Test		
1	MA 8491	227018, 227034, 227013	—		
2	CE 8401	227023, 227035 227014	—		
3	CE 8402	227039, 227031	—		
4	CE 8403	227026, 227009	—		
5	CE 8404	227013, 227027	—		
6	CE 8491	227007, 227010	—		

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Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8391** NBA Code : **C205** Title **CONSTRUCTION MATERIALS**
Faculty: Ms.P.Vaishali

Cos	CO Description	Attained Level	%
C205.1	Compare the properties of most common and advanced building materials.	2.53	84.33
C205.2	Understand the typical and potential applications of lime and cement.	2.61	87.00
C205.3	Understand the typical and potential applications of fine and coarse aggregate.	2.47	82.33
C205.4	Know the production of concrete and also the method of placing and making concrete elements.	2.58	86.00
C205.5	Understand the application of timber and other materials.	2.16	72.00
C205.6	Understand the importance of modern material for construction.	2.34	78.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 38

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8391	3	2	3	3	2	2	28/12/2020	CIVIL	3
227002	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227003	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227004	CE8391	3	3	2	3	2	2	28/12/2020	CIVIL	3
227005	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227006	CE8391	3	2	3	3	2	3	28/12/2020	CIVIL	3
227007	CE8391	3	2	3	3	2	2	28/12/2020	CIVIL	3
227008	CE8391	3	3	3	3	2	3	28/12/2020	CIVIL	3
227009	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227010	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227011	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227012	CE8391	3	3	3	3	2	3	28/12/2020	CIVIL	3
227013	CE8391	3	2	3	3	3	2	28/12/2020	CIVIL	3
227014	CE8391	3	2	3	3	2	3	28/12/2020	CIVIL	3
227015	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227016	CE8391	3	3	2	3	2	2	28/12/2020	CIVIL	3
227017	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227018	CE8391	3	2	3	3	3	3	28/12/2020	CIVIL	3
227019	CE8391	3	2	3	3	2	2	28/12/2020	CIVIL	3
227020	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227021	CE8391	3	2	3	3	2	3	28/12/2020	CIVIL	3
227022	CE8391	3	2	2	3	3	2	28/12/2020	CIVIL	3

227023	CE8391	3	2	3	3	2	3	28/12/2020	CIVIL	3
227024	CE8391	3	3	3	3	2	3	28/12/2020	CIVIL	3
227025	CE8391	2	3	3	3	2	2	28/12/2020	CIVIL	3
227026	CE8391	3	2	3	3	3	3	28/12/2020	CIVIL	3
227027	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227028	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227029	CE8391	3	2	3	3	3	3	28/12/2020	CIVIL	3
227030	CE8391	2	3	3	3	3	3	28/12/2020	CIVIL	3
227031	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227032	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227033	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227034	CE8391	3	2	2	3	2	2	28/12/2020	CIVIL	3
227035	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227036	CE8391	2	3	2	2	2	2	28/12/2020	CIVIL	3
227038	CE8391	3	2	3	3	2	3	28/12/2020	CIVIL	3
227039	CE8391	3	2	3	3	2	3	28/12/2020	CIVIL	3
Attained Level		2.53	2.61	2.47	2.58	2.16	2.34			
%		84.33	87.00	82.33	86.00	72.00	78.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8392** NBA Code : **C206** Title **ENGINEERING GEOLOGY**
Faculty: Mr.C.Kesava Raja

Cos	CO Description	Attained Level	%
C206.1	Understand the importance of geological knowledge such as earth, earthquake.	2.61	87.00
C206.2	Elaborate the various geological agencies.	2.55	85.00
C206.3	Get basic knowledge on properties of minerals.	2.55	85.00
C206.4	gain Knowledge about types of rocks, their distribution and uses.	2.66	88.67
C206.5	Understand the methods of study on geological structure.	2.18	72.67
C206.6	Explain the application of geological investigation in projects such as dams, tunnels, bridges, roads.	2.45	81.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 38

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8392	3	2	3	3	2	2	28/12/2020	CIVIL	3
227002	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227003	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227004	CE8392	3	3	2	3	2	2	28/12/2020	CIVIL	3
227005	CE8392	2	3	3	3	3	3	28/12/2020	CIVIL	3
227006	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227007	CE8392	3	2	3	3	2	2	28/12/2020	CIVIL	3
227008	CE8392	3	3	3	3	2	3	28/12/2020	CIVIL	3
227009	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227010	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227011	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227012	CE8392	3	3	3	3	2	3	28/12/2020	CIVIL	3
227013	CE8392	3	2	3	3	2	2	28/12/2020	CIVIL	3
227014	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227015	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227016	CE8392	3	3	2	2	2	2	28/12/2020	CIVIL	3
227017	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227018	CE8392	3	2	3	3	3	3	28/12/2020	CIVIL	3
227019	CE8392	2	3	2	2	3	2	28/12/2020	CIVIL	3
227020	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227021	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227022	CE8392	3	2	2	3	2	2	28/12/2020	CIVIL	3

227023	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227024	CE8392	3	3	3	3	2	3	28/12/2020	CIVIL	3
227025	CE8392	2	3	3	3	3	2	28/12/2020	CIVIL	3
227026	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227027	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227028	CE8392	3	3	2	3	2	2	28/12/2020	CIVIL	3
227029	CE8392	3	2	3	3	3	3	28/12/2020	CIVIL	3
227030	CE8392	2	3	3	3	2	3	28/12/2020	CIVIL	3
227031	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227032	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227033	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227034	CE8392	3	2	2	3	2	2	28/12/2020	CIVIL	3
227035	CE8392	2	3	2	2	3	2	28/12/2020	CIVIL	3
227036	CE8392	2	3	2	2	2	2	28/12/2020	CIVIL	3
227038	CE8392	3	2	3	3	2	3	28/12/2020	CIVIL	3
227039	CE8392	3	2	3	3	3	3	28/12/2020	CIVIL	3
Attained Level		2.61	2.55	2.55	2.66	2.18	2.45			
%		87.00	85.00	85.00	88.67	72.67	81.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8302** NBA Code : **C203** Title **FLUID MECHANICS**
Faculty: Mr.A.Anand Raj

Cos	CO Description	Attained Level	%
C203.1	Students will be able to describe about the Fluid Properties and Fluid Statics.	2.66	88.67
C203.2	Students will be able to explain about the Fluid kinematics and Dynamics.	2.5	83.33
C203.3	Students will be able to work out and explain about Dimensional Analysis.	2.66	88.67
C203.4	Students will be able to distinguish between Laminar and Turbulent flow through pipes	2.79	93.00
C203.5	Students will be able to understand the Boundary layer concepts.	2.18	72.67
C203.6	Students will be able to describe about Drag Co-efficients.	2.5	83.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 38

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8302	3	2	3	3	2	2	28/12/2020	CIVIL	3
227002	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227003	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227004	CE8302	3	3	2	3	2	2	28/12/2020	CIVIL	3
227005	CE8302	2	3	3	3	2	3	28/12/2020	CIVIL	3
227006	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227007	CE8302	3	2	3	3	3	2	28/12/2020	CIVIL	3
227008	CE8302	3	3	3	3	2	3	28/12/2020	CIVIL	3
227009	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227010	CE8302	2	3	2	3	2	2	28/12/2020	CIVIL	3
227011	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227012	CE8302	3	3	3	3	2	3	28/12/2020	CIVIL	3
227013	CE8302	3	2	3	3	2	2	28/12/2020	CIVIL	3
227014	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227015	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227016	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227017	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227018	CE8302	3	2	3	3	3	3	28/12/2020	CIVIL	3
227019	CE8302	3	2	3	3	2	2	28/12/2020	CIVIL	3
227020	CE8302	2	3	3	3	2	3	28/12/2020	CIVIL	3
227021	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227022	CE8302	3	2	2	3	2	2	28/12/2020	CIVIL	3

227023	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227024	CE8302	3	3	3	3	2	3	28/12/2020	CIVIL	3
227025	CE8302	2	3	3	3	3	2	28/12/2020	CIVIL	3
227026	CE8302	3	2	3	3	3	3	28/12/2020	CIVIL	3
227027	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227028	CE8302	3	3	2	3	2	2	28/12/2020	CIVIL	3
227029	CE8302	3	2	3	3	3	3	28/12/2020	CIVIL	3
227030	CE8302	2	3	3	3	2	3	28/12/2020	CIVIL	3
227031	CE8302	3	2	3	3	2	2	28/12/2020	CIVIL	3
227032	CE8302	2	3	2	2	2	2	28/12/2020	CIVIL	3
227033	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227034	CE8302	3	2	2	3	2	2	28/12/2020	CIVIL	3
227035	CE8302	2	3	2	2	3	2	28/12/2020	CIVIL	3
227036	CE8302	3	3	3	3	2	3	28/12/2020	CIVIL	3
227038	CE8302	3	2	3	3	2	3	28/12/2020	CIVIL	3
227039	CE8302	3	2	3	3	3	3	28/12/2020	CIVIL	3
Attained Level		2.66	2.5	2.66	2.79	2.18	2.5			
%		88.67	83.33	88.67	93.00	72.67	83.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **MA8353** NBA Code : **C201** Title **TRANSFORMS AND PARTIAL DIFFERENTIAL EQUATIONS**
Faculty: Dr.R.Neelambari

Cos	CO Description	Attained Level	%
C201.1	The fundamental concepts of partial differential equations and the various solution procedures for solving the first order non-linear partial differential equations.	2.47	82.33
C201.2	Analytical methods for solving higher order partial differential equations.	2.63	87.67
C201.3	Understand the Dirichlet's conditions, the basic concepts in Fourier series, analyze their properties such as parsevals identity and its problems.	2.47	82.33
C201.4	The application of Fourier series for solving the initial boundary value problems in one Dimensional wave and heat equations and boundary value problems in elliptic equations.	2.45	81.67
C201.5	Understand ,Apply,Evaluate and analyse the concepts of Fourier transform and mathematical concepts which are applied in various field of Engineering.	2.18	72.67
C201.6	The mathematical techniques of Z-transform applied in various topics in engineering discipline.	2.39	79.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 38

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	MA8353	3	2	3	3	2	2	28/12/2020	CIVIL	3
227002	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227003	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227004	MA8353	3	3	2	3	2	2	28/12/2020	CIVIL	3
227005	MA8353	2	3	3	3	2	3	28/12/2020	CIVIL	3
227006	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227007	MA8353	3	2	3	3	2	2	28/12/2020	CIVIL	3
227008	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227009	MA8353	3	2	3	2	3	3	28/12/2020	CIVIL	3
227010	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227011	MA8353	3	2	3	3	2	3	28/12/2020	CIVIL	3
227012	MA8353	3	3	3	3	2	3	28/12/2020	CIVIL	3
227013	MA8353	3	2	3	3	2	2	28/12/2020	CIVIL	3
227014	MA8353	3	2	3	3	3	3	28/12/2020	CIVIL	3
227015	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227016	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227017	MA8353	3	2	3	3	2	3	28/12/2020	CIVIL	3
227018	MA8353	3	2	3	3	3	3	28/12/2020	CIVIL	3

227019	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227020	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227021	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227022	MA8353	3	2	2	3	2	2	28/12/2020	CIVIL	3
227023	MA8353	3	2	3	3	2	3	28/12/2020	CIVIL	3
227024	MA8353	3	3	3	3	2	3	28/12/2020	CIVIL	3
227025	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227026	MA8353	3	2	3	3	3	3	28/12/2020	CIVIL	3
227027	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227028	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227029	MA8353	3	2	3	3	3	3	28/12/2020	CIVIL	3
227030	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227031	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227032	MA8353	3	3	3	2	2	3	28/12/2020	CIVIL	3
227033	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227034	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227035	MA8353	2	3	3	2	3	3	28/12/2020	CIVIL	3
227036	MA8353	2	3	2	2	2	2	28/12/2020	CIVIL	3
227038	MA8353	3	2	3	3	2	3	28/12/2020	CIVIL	3
227039	MA8353	3	2	3	3	3	3	28/12/2020	CIVIL	3
Attained Level		2.47	2.63	2.47	2.45	2.18	2.39			
%		82.33	87.67	82.33	81.67	72.67	79.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8301** NBA Code : **C201** Title **STRENGTH OF MATERIALS I**
Faculty: Mr.C.Kesava Raja

Cos	CO Description	Attained Level	%
C201.1	Understand the concepts of stresses and strains.	2.58	86.00
C201.2	To analyze the principal stresses and principal planes.	2.63	87.67
C201.3	Determine shear force and bending moment in beams and understand concept of theory of simple bending.	2.61	87.00
C201.4	Calculate the deflection of beams by different methods and selection of method for determining slope or deflection.	2.63	87.67
C201.5	Design of circular shafts and helical springs by applying basic equation of torsion.	2.29	76.33
C201.6	Analyze the pin jointed plane and space trusses.	2.45	81.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 38

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8301	3	2	3	3	2	2	28/12/2020	CIVIL	3
227002	CE8301	3	2	3	3	2	3	28/12/2020	CIVIL	3
227003	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227004	CE8301	3	3	2		2	2	28/12/2020	CIVIL	3
227005	CE8301	2	3	3	3	3	3	28/12/2020	CIVIL	3
227006	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227007	CE8301	3	2	3	3	3	2	28/12/2020	CIVIL	3
227008	CE8301	3	3	3	3	2	3	28/12/2020	CIVIL	3
227009	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227010	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227011	CE8301	3	2	3	3	2	3	28/12/2020	CIVIL	3
227012	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227013	CE8301	3	2	3	3	3	2	28/12/2020	CIVIL	3
227014	CE8301	3	2	3	3	2	3	28/12/2020	CIVIL	3
227015	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227016	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227017	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227018	CE8301	3	3	3		3	3	28/12/2020	CIVIL	3
227019	CE8301	3	2	3	3	2	2	28/12/2020	CIVIL	3
227020	CE8301	2	3	3	3	2	3	28/12/2020	CIVIL	3
227021	CE8301	3	2	3	3	3	3	28/12/2020	CIVIL	3

227022	CE8301	3	2	2	3	2	2	28/12/2020	CIVIL	3
227023	CE8301	3	2	3	3	2	3	28/12/2020	CIVIL	3
227024	CE8301	3	3	3	3	2	3	28/12/2020	CIVIL	3
227025	CE8301	2	3	3		3	2	28/12/2020	CIVIL	3
227026	CE8301	3	3	3		3	3	28/12/2020	CIVIL	3
227027	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227028	CE8301	3	3	2	3	2	2	28/12/2020	CIVIL	3
227029	CE8301	3	3	3		3	3	28/12/2020	CIVIL	3
227030	CE8301	2	3	3	3	2	3	28/12/2020	CIVIL	3
227031	CE8301	3	2	3	3	2	2	28/12/2020	CIVIL	3
227032	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227033	CE8301	3	2	3	3	3	3	28/12/2020	CIVIL	3
227034	CE8301	3	2	2	3	2	2	28/12/2020	CIVIL	3
227035	CE8301	2	3	3	2	3	3	28/12/2020	CIVIL	3
227036	CE8301	2	3	2	2	2	2	28/12/2020	CIVIL	3
227038	CE8301	3	2	3	3	2	3	28/12/2020	CIVIL	3
227039	CE8301	3	3	3		3	3	28/12/2020	CIVIL	3
Attained Level		2.58	2.63	2.61	2.63	2.29	2.45			
%		86.00	87.67	87.00	87.67	76.33	81.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8351** NBA Code : **C204** Title **SURVEYING**
Faculty: Mr.S.Kannan

Cos	CO Description	Attained Level	%
C204.1	Understand the use of various surveying instruments and mapping	2.6	86.67
C204.2	Understand methods of leveling and setting levels with different instruments	2.6	86.67
C204.3	Measuring Horizontal angle and vertical angle using different instruments	2.63	87.67
C204.4	Understand concepts of hydrographic surveying , tides and MSL	2.69	89.67
C204.5	Understand concepts of astronomical surveying and methods to determine time,longitude,latitude and azimuth	2.35	78.33
C204.6	Understand concept and principle of modern surveying	2.48	82.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 40

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8351	3	2	3	3	2	2	28/12/2020	CIVIL	3
227002	CE8351	3	2	3	3	2	3	28/12/2020	CIVIL	3
227003	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227004	CE8351	3	3	2		2	2	28/12/2020	CIVIL	3
227005	CE8351	2	3	3	3	3	3	28/12/2020	CIVIL	3
227006	CE8351	3	2	3	3	2	3	28/12/2020	CIVIL	3
227007	CE8351	3	2	3	3	3	2	28/12/2020	CIVIL	3
227008	CE8351	3	3	3	3	2	3	28/12/2020	CIVIL	3
227009	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227010	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227011	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227012	CE8351	3	3	3		2	3	28/12/2020	CIVIL	3
227013	CE8351	3	2	3	3	3	2	28/12/2020	CIVIL	3
227014	CE8351	3	3	3		3	3	28/12/2020	CIVIL	3
227015	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227016	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227017	CE8351	3	2	3	3	2	3	28/12/2020	CIVIL	3
227018	CE8351	3	2	3	3	3	3	28/12/2020	CIVIL	3
227019	CE8351	3	2	3	3	2	2	28/12/2020	CIVIL	3
227020	CE8351	2	3	3	3	2	3	28/12/2020	CIVIL	3
227021	CE8351	3	2	3	3	3	3	28/12/2020	CIVIL	3
227022	CE8351	3	2	2	3	3	2	28/12/2020	CIVIL	3
227023	CE8351	3	2	3	3	2	3	28/12/2020	CIVIL	3

227024	CE8351	3	3	3	3	2	3	28/12/2020	CIVIL	3
227025	CE8351	2	3	3	3	3	2	28/12/2020	CIVIL	3
227026	CE8351	3	2	3	3	3	3	28/12/2020	CIVIL	3
227027	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227028	CE8351	3	3	2	3	2	2	28/12/2020	CIVIL	3
227029	CE8351	3	3	3		3	3	28/12/2020	CIVIL	3
227030	CE8351	2	3	3	3	3	3	28/12/2020	CIVIL	3
227031	CE8351	3	2	3	3	2	2	28/12/2020	CIVIL	3
227032	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227033	CE8351	3	2	3	3	2	3	28/12/2020	CIVIL	3
227034	CE8351	3	2	2	3	3	2	28/12/2020	CIVIL	3
227035	CE8351	2	3	3	2	3	3	28/12/2020	CIVIL	3
227036	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
227038	CE8351	3	3	3		2	3	28/12/2020	CIVIL	3
227039	CE8351	3	2	3	3	3	3	28/12/2020	CIVIL	3
227040	CE8351	2	3	2	3	2	2	28/12/2020	CIVIL	3
227041	CE8351	2	3	2	2	2	2	28/12/2020	CIVIL	3
Attained Level		2.6	2.6	2.63	2.69	2.35	2.48			
%		86.67	86.67	87.67	89.67	78.33	82.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8401** NBA Code : **C211** Title **CONSTRUCTION TECHNIQUES AND PRACTICES**
Faculty: Mr.S.Kannan

Cos	CO Description	Attained Level	%
C211.1	Students will be able to know the different construction techniques and structural system	2.54	84.67
C211.2	Students will be able to understand various techniques and practices on masonry construction,flooring and roofing	2.54	84.67
C211.3	Students will be able to plan the requirements for substructure construction	2.54	84.67
C211.4	Students will be able to know the methods and techniques involved in the construction of various types of superstructures	2.62	87.33
C211.5	Students will be able to select, maintain and operate hand and power tools and equipment used in the building construction sites.	2.23	74.33
C211.6	Students will be able to distinguish between various selection criteria of construction equipments	2.44	81.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227002	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
227003	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227004	CE8401	3	3	2	3	2	2	31/08/2021	CIVIL	4
227005	CE8401	2	3	3	3	2	3	31/08/2021	CIVIL	4
227006	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
227007	CE8401	3	2	3	3	2	2	31/08/2021	CIVIL	4
227008	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227009	CE8401	3	2	3	2	3	3	31/08/2021	CIVIL	4
227010	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227011	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227012	CE8401	3	3	3	3	2	3	31/08/2021	CIVIL	4
227013	CE8401	3	2	3	3	3	2	31/08/2021	CIVIL	4
227014	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
227015	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227016	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227017	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227018	CE8401	3	2	3	3	3	3	31/08/2021	CIVIL	4
227019	CE8401	3	2	3	3	2	2	31/08/2021	CIVIL	4

227020	CE8401	2	3	3	3	2	3	31/08/2021	CIVIL	4
227021	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
227022	CE8401	3	2	2	3	2	2	31/08/2021	CIVIL	4
227023	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
227024	CE8401	3	3	3	3	2	3	31/08/2021	CIVIL	4
227025	CE8401	2	3	3	3	3	2	31/08/2021	CIVIL	4
227026	CE8401	3	2	3	3	3	3	31/08/2021	CIVIL	4
227027	CE8401	3	2	3	3	3	3	31/08/2021	CIVIL	4
227028	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227030	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227031	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227032	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227033	CE8401	3	2	3	3	3	3	31/08/2021	CIVIL	4
227034	CE8401	3	2	2	3	3	2	31/08/2021	CIVIL	4
227035	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227036	CE8401	2	3	2	2	2	2	31/08/2021	CIVIL	4
227038	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
227039	CE8401	3	2	3	3	3	3	31/08/2021	CIVIL	4
227040	CE8401	2	3	2	3	2	2	31/08/2021	CIVIL	4
227042	CE8401	3	2	3	3	2	3	31/08/2021	CIVIL	4
Attained Level		2.54	2.54	2.54	2.62	2.23	2.44			
%		84.67	84.67	84.67	87.33	74.33	81.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8402** NBA Code : **C212** Title **STRENGTH OF MATERIALS II**
Faculty: Mr.C.Kesava Raja

Cos	CO Description	Attained Level	%
C212.1	Determine the strain energy and compute the deflection of determinate beams,frames and trusses using energy principles	2.79	93.00
C212.2	Analyse propped cantilever,fixed beam and continuous beam using theoram of three moment equation for external loading and support settlements.	2.41	80.33
C212.3	Find the load carrying capacity of columns and stresses induced in columns and cylinders.	2.79	93.00
C212.4	Determine the principle stresses and planes for an element in three dimensional state of stress and study various theories of failure.	2.97	99.00
C212.5	Determine the stresses due to unsymmetrical bending of beams and locate the shear center.	2.46	82.00
C212.6	Find the stresses in curved beams.	2.64	88.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8402	3	2	3	3	3	2	31/08/2021	CIVIL	4
227002	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227003	CE8402	3	2	3	3	2	3	31/08/2021	CIVIL	4
227004	CE8402	3	3	2	3	2	2	31/08/2021	CIVIL	4
227005	CE8402	2	3	3	3	3	3	31/08/2021	CIVIL	4
227006	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227007	CE8402	3	2	3	3	3	2	31/08/2021	CIVIL	4
227008	CE8402	3	3	3	3	2	3	31/08/2021	CIVIL	4
227009	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227010	CE8402	2	3	2	3	2	2	31/08/2021	CIVIL	4
227011	CE8402	3	2	3	3	2	3	31/08/2021	CIVIL	4
227012	CE8402	3	3	3	3	2	3	31/08/2021	CIVIL	4
227013	CE8402	3	2	3	3	3	2	31/08/2021	CIVIL	4
227014	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227015	CE8402	2	3	2	2	2	2	31/08/2021	CIVIL	4
227016	CE8402	3	3	2	3	2	2	31/08/2021	CIVIL	4
227017	CE8402	3	2	3	3	2	3	31/08/2021	CIVIL	4
227018	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227019	CE8402	3	2	3	3	2	2	31/08/2021	CIVIL	4
227020	CE8402	2	3	3	3	2	3	31/08/2021	CIVIL	4

227021	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227022	CE8402	3	2	2	3	3	2	31/08/2021	CIVIL	4
227023	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227024	CE8402	3	3	3	3	2	3	31/08/2021	CIVIL	4
227025	CE8402	2	3	3	3	3	2	31/08/2021	CIVIL	4
227026	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227027	CE8402	3	2	3	3	2	3	31/08/2021	CIVIL	4
227028	CE8402	3	3	2	3	2	2	31/08/2021	CIVIL	4
227030	CE8402	2	3	3	3	2	3	31/08/2021	CIVIL	4
227031	CE8402	3	2	3	3	2	2	31/08/2021	CIVIL	4
227032	CE8402	3	3	3	3	2	3	31/08/2021	CIVIL	4
227033	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227034	CE8402	3	2	2	3	2	2	31/08/2021	CIVIL	4
227035	CE8402	2	3	3	3	3	3	31/08/2021	CIVIL	4
227036	CE8402	3	3	3	3	2	3	31/08/2021	CIVIL	4
227038	CE8402	3	2	3	3	2	3	31/08/2021	CIVIL	4
227039	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
227040	CE8402	2	3	2	3	2	2	31/08/2021	CIVIL	4
227042	CE8402	3	2	3	3	3	3	31/08/2021	CIVIL	4
Attained Level		2.79	2.41	2.79	2.97	2.46	2.64			
%		93.00	80.33	93.00	99.00	82.00	88.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8403** NBA Code : **C213** Title **APPLIED HYDRAULIC ENGINEERING**
Faculty: Mr.A.Anand Raj

Cos	CO Description	Attained Level	%
C213.1	Apply the knowledge of fluid mechanics in addressing problems in open channels and identify an effective section for flow in different cross sections.	2.64	88.00
C213.2	Identify the flows and solve problems in Gradually Varied Flow.	2.51	83.67
C213.3	Solve the problems in Rapidly Varied Flow in Steady state conditions.	2.64	88.00
C213.4	Understand the Principles of impact of Jet.	2.82	94.00
C213.5	Understand the principles of turbines and working, application of turbines.	2.31	77.00
C213.6	Understand the principles of pumps and working, application of pumps.	2.49	83.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8403	3	2	3	3	3	2	31/08/2021	CIVIL	4
227002	CE8403	3	2	3	3	2	3	31/08/2021	CIVIL	4
227003	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227004	CE8403	3	3	2	3	2	2	31/08/2021	CIVIL	4
227005	CE8403	2	3	3	3	3	3	31/08/2021	CIVIL	4
227006	CE8403	3	2	3	3	3	3	31/08/2021	CIVIL	4
227007	CE8403	3	2	3	3	3	2	31/08/2021	CIVIL	4
227008	CE8403	3	3	3	3	2	3	31/08/2021	CIVIL	4
227009	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227010	CE8403	2	3	2	3	2	2	31/08/2021	CIVIL	4
227011	CE8403	3	2	3	3	2	3	31/08/2021	CIVIL	4
227012	CE8403	3	3	3	3	2	3	31/08/2021	CIVIL	4
227013	CE8403	3	2	3	3	3	2	31/08/2021	CIVIL	4
227014	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227015	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227016	CE8403	3	3	2	3	2	2	31/08/2021	CIVIL	4
227017	CE8403	3	2	3	3	2	3	31/08/2021	CIVIL	4
227018	CE8403	3	2	3	3	3	3	31/08/2021	CIVIL	4
227019	CE8403	3	2	3	3	2	2	31/08/2021	CIVIL	4
227020	CE8403	2	3	3	3	2	3	31/08/2021	CIVIL	4
227021	CE8403	3	2	3	3	2	3	31/08/2021	CIVIL	4
227022	CE8403	3	2	2	3	3	2	31/08/2021	CIVIL	4
227023	CE8403	3	2	3	3	3	3	31/08/2021	CIVIL	4

227024	CE8403	3	3	3	3	2	3	31/08/2021	CIVIL	4
227025	CE8403	2	3	3	3	2	2	31/08/2021	CIVIL	4
227026	CE8403	3	2	3	3	3	3	31/08/2021	CIVIL	4
227027	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227028	CE8403	3	3	2	3	2	2	31/08/2021	CIVIL	4
227030	CE8403	2	3	3	3	2	3	31/08/2021	CIVIL	4
227031	CE8403	3	2	3	3	2	2	31/08/2021	CIVIL	4
227032	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227033	CE8403	3	2	3	3	2	3	31/08/2021	CIVIL	4
227034	CE8403	3	2	2	3	2	2	31/08/2021	CIVIL	4
227035	CE8403	2	3	3	3	3	3	31/08/2021	CIVIL	4
227036	CE8403	2	3	2	2	2	2	31/08/2021	CIVIL	4
227038	CE8403	3	2	3	3	2	3	31/08/2021	CIVIL	4
227039	CE8403	3	2	3	3	3	3	31/08/2021	CIVIL	4
227040	CE8403	2	3	2	3	2	2	31/08/2021	CIVIL	4
227042	CE8403	3	2	3	3	3	3	31/08/2021	CIVIL	4
Attained Level		2.64	2.51	2.64	2.82	2.31	2.49			
%		88.00	83.67	88.00	94.00	77.00	83.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8404** NBA Code : **C214** Title **CONCRETE TECHNOLOGY**
Faculty: Ms.P.Vaishali

Cos	CO Description	Attained Level	%
C214.1	The various requirements of cement, aggregates and water for making concrete.	2.79	93.00
C214.2	The effect of admixtures on properties of concrete.	2.41	80.33
C214.3	The concept and procedure of mix design as per is method.	2.79	93.00
C214.4	The properties of concrete in fresh state.	2.97	99.00
C214.5	The properties of concrete in hardened state.	2.41	80.33
C214.6	The importance and application of special concrete.	2.64	88.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8404	3	2	3	3	3	2	31/08/2021	CIVIL	4
227002	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227003	CE8404	3	2	3	3	2	3	31/08/2021	CIVIL	4
227004	CE8404	3	3	2	3	2	2	31/08/2021	CIVIL	4
227005	CE8404	2	3	3	3	2	3	31/08/2021	CIVIL	4
227006	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227007	CE8404	3	2	3	3	3	2	31/08/2021	CIVIL	4
227008	CE8404	3	3	3	3	2	3	31/08/2021	CIVIL	4
227009	CE8404	3	2	3	3	2	3	31/08/2021	CIVIL	4
227010	CE8404	2	3	2	3	2	2	31/08/2021	CIVIL	4
227011	CE8404	3	2	3	3	2	3	31/08/2021	CIVIL	4
227012	CE8404	3	3	3	3	2	3	31/08/2021	CIVIL	4
227013	CE8404	3	2	3	3	3	2	31/08/2021	CIVIL	4
227014	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227015	CE8404	2	3	2	2	2	2	31/08/2021	CIVIL	4
227016	CE8404	3	3	2	3	2	2	31/08/2021	CIVIL	4
227017	CE8404	3	2	3	3	2	3	31/08/2021	CIVIL	4
227018	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227019	CE8404	3	2	3	3	3	2	31/08/2021	CIVIL	4
227020	CE8404	2	3	3	3	2	3	31/08/2021	CIVIL	4
227021	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227022	CE8404	3	2	2	3	3	2	31/08/2021	CIVIL	4
227023	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4

227024	CE8404	3	3	3	3	2	3	31/08/2021	CIVIL	4
227025	CE8404	2	3	3	3	3	2	31/08/2021	CIVIL	4
227026	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227027	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227028	CE8404	3	3	2	3	2	2	31/08/2021	CIVIL	4
227030	CE8404	2	3	3	3	2	3	31/08/2021	CIVIL	4
227031	CE8404	3	2	3	3	2	2	31/08/2021	CIVIL	4
227032	CE8404	3	3	3	3	2	3	31/08/2021	CIVIL	4
227033	CE8404	3	2	3	3	2	3	31/08/2021	CIVIL	4
227034	CE8404	3	2	2	3	2	2	31/08/2021	CIVIL	4
227035	CE8404	2	3	3	3	2	3	31/08/2021	CIVIL	4
227036	CE8404	3	3	3	3	2	3	31/08/2021	CIVIL	4
227038	CE8404	3	2	3	3	2	3	31/08/2021	CIVIL	4
227039	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
227040	CE8404	2	3	2	3	2	2	31/08/2021	CIVIL	4
227042	CE8404	3	2	3	3	3	3	31/08/2021	CIVIL	4
Attained Level		2.79	2.41	2.79	2.97	2.41	2.64			
%		93.00	80.33	93.00	99.00	80.33	88.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8491** NBA Code : **C215** Title **SOIL MECHANICS**
Faculty: Mr.G.Venkatesan

Cos	CO Description	Attained Level	%
C215.1	Classify the soil based on Index Properties	2.72	90.67
C215.2	Assess the engineering properties based on Index Properties	2.46	82.00
C215.3	Understand the stress concepts in soils	2.72	90.67
C215.4	Understand and identify the settlement in soils	2.9	96.67
C215.5	Determine the shear strength of soil	2.36	78.67
C215.6	Analyse both finite and infinite slopes	2.56	85.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	CE8491	3	2	3	3	3	2	31/08/2021	CIVIL	4
227002	CE8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227003	CE8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227004	CE8491	3	3	2	3	2	2	31/08/2021	CIVIL	4
227005	CE8491	2	3	3	3	3	3	31/08/2021	CIVIL	4
227006	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227007	CE8491	3	2	3	3	3	2	31/08/2021	CIVIL	4
227008	CE8491	3	3	3	3	2	3	31/08/2021	CIVIL	4
227009	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227010	CE8491	2	3	2	3	2	2	31/08/2021	CIVIL	4
227011	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227012	CE8491	3	3	3	3	2	3	31/08/2021	CIVIL	4
227013	CE8491	3	2	3	3	3	2	31/08/2021	CIVIL	4
227014	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227015	CE8491	2	3	3	3	2	3	31/08/2021	CIVIL	4
227016	CE8491	3	3	2	3	2	2	31/08/2021	CIVIL	4
227017	CE8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227018	CE8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227019	CE8491	3	2	3	3	3	2	31/08/2021	CIVIL	4
227020	CE8491	2	3	3	3	2	3	31/08/2021	CIVIL	4
227021	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227022	CE8491	3	2	2	3	3	2	31/08/2021	CIVIL	4
227023	CE8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227024	CE8491	3	3	3	3	2	3	31/08/2021	CIVIL	4

227025	CE8491	2	3	3	3	2	2	31/08/2021	CIVIL	4
227026	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227027	CE8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227028	CE8491	3	3	2	3	2	2	31/08/2021	CIVIL	4
227030	CE8491	2	3	3	3	2	3	31/08/2021	CIVIL	4
227031	CE8491	3	2	3	3	2	2	31/08/2021	CIVIL	4
227032	CE8491	3	3	3	3	2	3	31/08/2021	CIVIL	4
227033	CE8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227034	CE8491	3	2	2	3	2	2	31/08/2021	CIVIL	4
227035	CE8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227036	CE8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227038	CE8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227039	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227040	CE8491	2	3	2	3	2	2	31/08/2021	CIVIL	4
227042	CE8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
Attained Level		2.72	2.46	2.72	2.9	2.36	2.56			
%		90.67	82.00	90.67	96.67	78.67	85.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **MA8491** NBA Code : **C60** Title **NUMERICAL METHODS**
Faculty: Dr.P.K.Lakshmi Devi

Cos	CO Description	Attained Level	%
60.1	Solve algebraic and transcendental equations by various methods. Simultaneous linear equations using direct and indirect methods. Compute eigen values of a matrix by power method and by Jacobi method of symmetric matrix.	2.46	82.00
60.2	Interpret the data using interpolation using various methods, cubic spline approximation and difference operators.	2.67	89.00
60.3	Compute the numerical differentiation using various methods and integration using trapezoidal and simpson¿s rules to solve single and double integration.	2.46	82.00
60.4	Solving first order and second order differential equations using various types of single step methods.	2.5	83.33
60.5	Solving first order and second order differential equations using various types of multi step methods.	2.21	73.67
60.6	Applying finite difference methods for solving two point linear boundary value problems. Solving one dimensional heat flow equation and wave equation by explicit and implicit methods solve two dimensional heat equation.	2.36	78.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
227001	MA8491	3	2	3	3	2	2	31/08/2021	CIVIL	4
227002	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227003	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227004	MA8491	3	3	2	3	2	2	31/08/2021	CIVIL	4
227005	MA8491	2	3	3	3	3	3	31/08/2021	CIVIL	4
227006	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227007	MA8491	3	2	3	3	2	2	31/08/2021	CIVIL	4
227008	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227009	MA8491	3	2	3	2	3	3	31/08/2021	CIVIL	4
227010	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227011	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227012	MA8491	3	3	3	3	2	3	31/08/2021	CIVIL	4
227013	MA8491	3	2	3	3	3	2	31/08/2021	CIVIL	4
227014	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227015	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227016	MA8491	3	3	2	3	2	2	31/08/2021	CIVIL	4
227017	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227018	MA8491	3	3	3		3	3	31/08/2021	CIVIL	4

227019	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227020	MA8491	2	3	3	3	2	3	31/08/2021	CIVIL	4
227021	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227022	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227023	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227024	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227025	MA8491	2	3	3	3	3	2	31/08/2021	CIVIL	4
227026	MA8491	3	2	3	3	3	3	31/08/2021	CIVIL	4
227027	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227028	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227030	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227031	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227032	MA8491	3	3	3	2	2	3	31/08/2021	CIVIL	4
227033	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227034	MA8491	3	2	2	3	3	2	31/08/2021	CIVIL	4
227035	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227036	MA8491	2	3	2	2	2	2	31/08/2021	CIVIL	4
227038	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227039	MA8491	3	2	3	3	2	3	31/08/2021	CIVIL	4
227040	MA8491	2	3	2	3	2	2	31/08/2021	CIVIL	4
227042	MA8491	2	3	2	2	3	2	31/08/2021	CIVIL	4
Attained Level		2.46	2.67	2.46	2.5	2.21	2.36			
%		82.00	89.00	82.00	83.33	73.67	78.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **GE8071** NBA Code : **C305** Title **DISASTER MANAGEMENT**
Faculty: Mr.G.Venkatesan

Cos	CO Description	Attained Level	%
C305.1	Differentiate the types of disasters	2.46	82.00
C305.2	get information about causes and their impact on environment and society	2.64	88.00
C305.3	Assess vulnerability	2.5	83.33
C305.4	various methods of risk reduction measures as well as mitigation	2.57	85.67
C305.5	Draw the hazard and vulnerability profile of India, Scenarious in the Indian context,	2.23	74.33
C305.6	Disaster damage assessment and management.	2.43	81.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	GE8071	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217004	GE8071	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217007	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	GE8071	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217010	GE8071	2	3	3	3	2	3	28/12/2020	CIVIL	5
217011	GE8071	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	GE8071	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217014	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217015	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217017	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217018	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	GE8071	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217022	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217023	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217024	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5

217025	GE8071	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217027	GE8071	2	3	2	2	3	2	28/12/2020	CIVIL	5
217028	GE8071	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	GE8071	3	2	3	3	2	2	28/12/2020	CIVIL	5
217031	GE8071	2	3	2	2	3	2	28/12/2020	CIVIL	5
217032	GE8071	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	GE8071	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	GE8071	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	GE8071	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	GE8071	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217042	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217044	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	GE8071	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217048	GE8071	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	GE8071	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217053	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	GE8071	3	2	3	3	3	3	28/12/2020	CIVIL	5
217055	GE8071	2	3	2	2	3	2	28/12/2020	CIVIL	5
217056	GE8071	2	3	2	2	2	2	28/12/2020	CIVIL	5
217057	GE8071	2	3	2	2	3	2	28/12/2020	CIVIL	5
217058	GE8071	3	2	3	3	2	3	28/12/2020	CIVIL	5
217059	GE8071	3	2	3	3	3	2	28/12/2020	CIVIL	5
Attained Level		2.46	2.64	2.5	2.57	2.23	2.43			
%		82.00	88.00	83.33	85.67	74.33	81.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **EN8491** NBA Code : **C303** Title **Water Supply Engineering**
Faculty: Ms.C.Nivedhitha

Cos	CO Description	Attained Level	%
C303.1	Students will have an insight into the structure of drinking water supply systems	2.55	85.00
C303.2	Students will have an understanding of water quality criteria and standards, and their relation to public health	2.59	86.33
C303.3	Students will have an insight into the structure of water transport, treatment and distribution	2.52	84.00
C303.4	Students will have the knowledge in various unit operations and processes in water treatment	2.66	88.67
C303.5	Students will have an ability to design the various functional units in water treatment	2.21	73.67
C303.6	Students will have the ability to design and evaluate water supply project alternatives on basis of chosen criteria	2.43	81.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217003	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217004	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	EN8491	2	3	2	2	3	2	28/12/2020	CIVIL	5
217007	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	EN8491	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217010	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217011	EN8491	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217017	EN8491	3	2	3	3	2	2	28/12/2020	CIVIL	5
217018	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217019	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	EN8491	2	3	2	3	2	2	28/12/2020	CIVIL	5

217021	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217022	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217023	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217024	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217025	EN8491	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217027	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217028	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217029	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217031	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	EN8491	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217034	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	EN8491	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217038	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217039	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	EN8491	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217042	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217044	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	EN8491	2	3	3	3	2	3	28/12/2020	CIVIL	5
217046	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	EN8491	3	2	3	3	2	2	28/12/2020	CIVIL	5
217048	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	EN8491	2	3	3	3	3	3	28/12/2020	CIVIL	5
217056	EN8491	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217059	EN8491	3	2	3	3	2	2	28/12/2020	CIVIL	5
Attained Level		2.55	2.59	2.52	2.66	2.21	2.43			
%		85.00	86.33	84.00	88.67	73.67	81.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8502** NBA Code : **C302** Title **Structural Analysis I**
Faculty: Ms.P.Vaishali

Cos	CO Description	Attained Level	%
C302.1	Analyze continuous beams, pin-jointed indeterminate plane frames and rigid frames by strain energy method.	2.5	83.33
C302.2	Analyze continuous beams by slope deflection method.	2.66	88.67
C302.3	Analyze plane and inclined rigid frames by slope deflection method.	2.5	83.33
C302.4	Understand the concept of moment distribution and analysis of continuous beams and rigid frames with and without sway.	2.61	87.00
C302.5	Analyze the indeterminate pin-jointed plane frames, continuous beams and rigid frames using matrix flexibility method.	2.05	68.33
C302.6	Understand the concept of matrix stiffness method and analysis of continuous beams, pin-jointed truss and rigid plane frames.	2.45	81.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217002	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217004	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217007	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	CE8502	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217010	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217011	CE8502	3	2	3	3	2	2	28/12/2020	CIVIL	5
217012	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	CE8502	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217015	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217017	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217018	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217019	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	CE8502	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5

217022	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217023	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217024	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217025	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217026	CE8502	3	2	2	3	3	2	28/12/2020	CIVIL	5
217027	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217028	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217031	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	CE8502	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	CE8502	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	CE8502	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217038	CE8502	3	2	2	3	2	2	28/12/2020	CIVIL	5
217039	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217041	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217042	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217044	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217046	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	CE8502	3	2	3	3	2	2	28/12/2020	CIVIL	5
217048	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217052	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217056	CE8502	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217059	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
Attained Level		2.5	2.66	2.5	2.61	2.05	2.45			
%		83.33	88.67	83.33	87.00	68.33	81.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8591** NBA Code : **C304** Title **Foundation Engineering**
Faculty: Mr.S.Kannan

Cos	CO Description	Attained Level	%
C304.1	Understand the site investigation, methods and sampling	2.75	91.67
C304.2	Get knowledge on bearing capacity and testing methods	2.41	80.33
C304.3	Design shallow footings	2.73	91.00
C304.4	Determine the load carrying capacity, settlement of pile foundation	2.86	95.33
C304.5	Determine the earth pressure on retaining walls	2.43	81.00
C304.6	Analyze the stability of retaining walls	2.61	87.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217003	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217004	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217007	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	CE8591	3	3	2		2	2	28/12/2020	CIVIL	5
217009	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217010	CE8591	2	3	3	3	3	3	28/12/2020	CIVIL	5
217011	CE8591	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	CE8591	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	CE8591	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217017	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217018	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217020	CE8591	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217022	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217023	CE8591	3	2	3	3	3	2	28/12/2020	CIVIL	5
217024	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217025	CE8591	2	3	3		3	3	28/12/2020	CIVIL	5

217026	CE8591	3	2	2	3	3	2	28/12/2020	CIVIL	5
217027	CE8591	3	3	3		3	3	28/12/2020	CIVIL	5
217028	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	CE8591	3	2	3	3	3	2	28/12/2020	CIVIL	5
217031	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217032	CE8591	3	3	2		2	2	28/12/2020	CIVIL	5
217033	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217034	CE8591	3	3	3		3	3	28/12/2020	CIVIL	5
217035	CE8591	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	CE8591	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217040	CE8591	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	CE8591	3	2	3	3	2	2	28/12/2020	CIVIL	5
217042	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217043	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217044	CE8591	3	3	2	3	2	2	28/12/2020	CIVIL	5
217045	CE8591	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217047	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217048	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	CE8591	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	CE8591	3	2	3	3	2	2	28/12/2020	CIVIL	5
217054	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217055	CE8591	2	3	3	3	3	3	28/12/2020	CIVIL	5
217056	CE8591	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217058	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217059	CE8591	3	3	3		3	2	28/12/2020	CIVIL	5
Attained Level		2.75	2.41	2.73	2.86	2.43	2.61			
%		91.67	80.33	91.00	95.33	81.00	87.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8501** NBA Code : **C301** Title **Design of Reinforced Cement Concrete Elements**
Faculty: Dr.G.Dhanalakshmi

Cos	CO Description	Attained Level	%
C301.1	1. To introduce the various design Philosophies for the design of RC Elements.	2.71	90.33
C301.2	2. To practice more problems on Rectangular sections by Working Stress Method and Limit State Method.	2.48	82.67
C301.3	3. To understand the Analysis and Design the Flanged beams for Shear and Torsion by Limit State Method.	2.68	89.33
C301.4	4. To Design the various types of Slabs and Staircase by Limit State Method.	2.84	94.67
C301.5	5. To Design the Columns for Axial, Uniaxial and Biaxial Eccentric Loadings by Limit State Method.	2.14	71.33
C301.6	6. To Design Footing by Limit State Method.	2.55	85.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217002	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217004	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217007	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217010	CE8501	2	3	3	3	3	3	28/12/2020	CIVIL	5
217011	CE8501	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217014	CE8501	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	CE8501	2	3	2	2	3	2	28/12/2020	CIVIL	5
217016	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217017	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217018	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	CE8501	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5

217022	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217023	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217024	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217025	CE8501	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	CE8501	3	2	2	3	2	2	28/12/2020	CIVIL	5
217027	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217028	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217031	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	CE8501	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217037	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	CE8501	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	CE8501	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217042	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217043	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217044	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217045	CE8501	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	CE8501	3	2	3	3	3	2	28/12/2020	CIVIL	5
217048	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	CE8501	2	3	2	3	2	2	28/12/2020	CIVIL	5
217051	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217052	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	CE8501	2	3	3	3	2	3	28/12/2020	CIVIL	5
217056	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217059	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
Attained Level		2.71	2.48	2.68	2.84	2.14	2.55			
%		90.33	82.67	89.33	94.67	71.33	85.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **OAI551** NBA Code : **C306** Title **ENVIRONMENT AND AGRICULTURE**
Faculty: Ms.C.Nivedhitha

Cos	CO Description	Attained Level	%
C306.1	Students will appreciate the role of environment in current practice of agriculture	2.61	87.00
C306.2	Students will understand the impact of agriculture on environment	2.52	84.00
C306.3	Students will concern of climate change and emerging global issues	2.61	87.00
C306.4	Students will have exposure to current agricultural practices	2.73	91.00
C306.5	Ecological context of agriculture will be understood	2.23	74.33
C306.6	Students will gain knowledge on sustainability aspects of agriculture	2.5	83.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217004	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217007	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	OAI551	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217010	OAI551	2	3	3	3	3	3	28/12/2020	CIVIL	5
217011	OAI551	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	OAI551	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217017	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217018	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	OAI551	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217022	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217023	OAI551	3	2	3	3	2	2	28/12/2020	CIVIL	5
217024	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5

217025	OAI551	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	OAI551	3	2	2	3	2	2	28/12/2020	CIVIL	5
217027	OAI551	2	3	2	2	3	2	28/12/2020	CIVIL	5
217028	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	OAI551	3	2	3	3	2	2	28/12/2020	CIVIL	5
217031	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	OAI551	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	OAI551	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	OAI551	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	OAI551	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	OAI551	3	2	3	3	2	2	28/12/2020	CIVIL	5
217042	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217044	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	OAI551	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217048	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217053	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	OAI551	2	3	3	3	2	3	28/12/2020	CIVIL	5
217056	OAI551	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217059	OAI551	3	2	3	3	3	2	28/12/2020	CIVIL	5
Attained Level		2.61	2.52	2.61	2.73	2.23	2.5			
%		87.00	84.00	87.00	91.00	74.33	83.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **6** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8601** NBA Code : **C310** Title **Design of SteelStructural Elements**
Faculty: Dr.A.Belin Jude

Cos	CO Description	Attained Level	%
C310.1	Students will be able to Understand the various design concepts, for the design of Steel Structures.	2.77	92.33
C310.2	Students will be able to analyze and solve Various Steel Connections.	2.41	80.33
C310.3	Students will be able to analyze and solve Various Steel Tension Members.	2.75	91.67
C310.4	Students will be able to know the analysis and design of Steel Compression Members by Limit State Method.	2.93	97.67
C310.5	Students will be able to design the various types of Steel Beams and Plate Girders by Llimit State Method.	2.25	75.00
C310.6	Students will be able to design Roof Trusses and and Gantry Girder for various loadings.	2.59	86.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217002	CE8601	3	2	2	3	3	2	31/08/2021	CIVIL	6
217003	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217004	CE8601	3	3	3	3	2	3	31/08/2021	CIVIL	6
217006	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217007	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217008	CE8601	3	3	2	3	2	2	31/08/2021	CIVIL	6
217009	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217010	CE8601	2	3	3	3	3	3	31/08/2021	CIVIL	6
217011	CE8601	3	2	3	3	3	2	31/08/2021	CIVIL	6
217012	CE8601	3	3	3	3	2	3	31/08/2021	CIVIL	6
217013	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217014	CE8601	3	2	2	3	2	2	31/08/2021	CIVIL	6
217015	CE8601	2	3	3	3	2	3	31/08/2021	CIVIL	6
217016	CE8601	3	3	3	3	2	3	31/08/2021	CIVIL	6
217017	CE8601	3	2	3	3	3	2	31/08/2021	CIVIL	6
217018	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217019	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217020	CE8601	2	3	2	3	2	2	31/08/2021	CIVIL	6
217021	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6

217022	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217023	CE8601	3	2	3	3	2	2	31/08/2021	CIVIL	6
217024	CE8601	2	3	2	2	2	2	31/08/2021	CIVIL	6
217025	CE8601	2	3	3	3	2	3	31/08/2021	CIVIL	6
217026	CE8601	3	2	2	3	2	2	31/08/2021	CIVIL	6
217027	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217028	CE8601	3	3	3	3	2	3	31/08/2021	CIVIL	6
217029	CE8601	3	2	3	3	3	2	31/08/2021	CIVIL	6
217031	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217032	CE8601	3	3	2	3	2	2	31/08/2021	CIVIL	6
217033	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217034	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217035	CE8601	2	3	3	3	2	2	31/08/2021	CIVIL	6
217037	CE8601	2	3	2	2	2	2	31/08/2021	CIVIL	6
217038	CE8601	3	2	2	3	3	2	31/08/2021	CIVIL	6
217039	CE8601	2	3	2	2	2	2	31/08/2021	CIVIL	6
217040	CE8601	2	3	3	3	2	3	31/08/2021	CIVIL	6
217041	CE8601	3	2	3	3	2	2	31/08/2021	CIVIL	6
217042	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217043	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217044	CE8601	3	3	2	3	2	2	31/08/2021	CIVIL	6
217045	CE8601	2	3	3	3	2	3	31/08/2021	CIVIL	6
217046	CE8601	3	2	3	3	3	3	31/08/2021	CIVIL	6
217047	CE8601	3	2	3	3	2	2	31/08/2021	CIVIL	6
217048	CE8601	3	3	3	3	2	3	31/08/2021	CIVIL	6
217049	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217050	CE8601	2	3	2	3	2	2	31/08/2021	CIVIL	6
217051	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217052	CE8601	3	3	3	3	2	3	31/08/2021	CIVIL	6
217053	CE8601	3	2	3	3	2	2	31/08/2021	CIVIL	6
217054	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217055	CE8601	2	3	3	3	2	3	31/08/2021	CIVIL	6
217056	CE8601	3	3	2	3	2	2	31/08/2021	CIVIL	6
217057	CE8601	3	2	3	3	2	3	31/08/2021	CIVIL	6
217058	CE8601	2	3	2	2	2	2	31/08/2021	CIVIL	6
217059	CE8601	3	2	3	3	2	2	31/08/2021	CIVIL	6
Attained Level		2.77	2.41	2.75	2.93	2.25	2.59			
%		92.33	80.33	91.67	97.67	75.00	86.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **EN8491** NBA Code : **C303** Title **Water Supply Engineering**
Faculty: Ms.C.Nivedhitha

Cos	CO Description	Attained Level	%
C303.1	Students will have an insight into the structure of drinking water supply systems	2.55	85.00
C303.2	Students will have an understanding of water quality criteria and standards, and their relation to public health	2.59	86.33
C303.3	Students will have an insight into the structure of water transport, treatment and distribution	2.52	84.00
C303.4	Students will have the knowledge in various unit operations and processes in water treatment	2.66	88.67
C303.5	Students will have an ability to design the various functional units in water treatment	2.21	73.67
C303.6	Students will have the ability to design and evaluate water supply project alternatives on basis of chosen criteria	2.43	81.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217003	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217004	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	EN8491	2	3	2	2	3	2	28/12/2020	CIVIL	5
217007	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	EN8491	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217010	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217011	EN8491	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217017	EN8491	3	2	3	3	2	2	28/12/2020	CIVIL	5
217018	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217019	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	EN8491	2	3	2	3	2	2	28/12/2020	CIVIL	5

217021	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217022	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217023	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217024	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217025	EN8491	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217027	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217028	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217029	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217031	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	EN8491	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217034	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	EN8491	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217038	EN8491	3	2	2	3	2	2	28/12/2020	CIVIL	5
217039	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	EN8491	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217042	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217044	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	EN8491	2	3	3	3	2	3	28/12/2020	CIVIL	5
217046	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	EN8491	3	2	3	3	2	2	28/12/2020	CIVIL	5
217048	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	EN8491	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	EN8491	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	EN8491	2	3	3	3	3	3	28/12/2020	CIVIL	5
217056	EN8491	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	EN8491	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	EN8491	3	2	3	3	3	3	28/12/2020	CIVIL	5
217059	EN8491	3	2	3	3	2	2	28/12/2020	CIVIL	5
Attained Level		2.55	2.59	2.52	2.66	2.21	2.43			
%		85.00	86.33	84.00	88.67	73.67	81.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8502** NBA Code : **C302** Title **Structural Analysis I**
Faculty: Ms.P.Vaishali

Cos	CO Description	Attained Level	%
C302.1	Analyze continuous beams, pin-jointed indeterminate plane frames and rigid frames by strain energy method.	2.5	83.33
C302.2	Analyze continuous beams by slope deflection method.	2.66	88.67
C302.3	Analyze plane and inclined rigid frames by slope deflection method.	2.5	83.33
C302.4	Understand the concept of moment distribution and analysis of continuous beams and rigid frames with and without sway.	2.61	87.00
C302.5	Analyze the indeterminate pin-jointed plane frames, continuous beams and rigid frames using matrix flexibility method.	2.05	68.33
C302.6	Understand the concept of matrix stiffness method and analysis of continuous beams, pin-jointed truss and rigid plane frames.	2.45	81.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217002	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217004	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217007	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	CE8502	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217010	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217011	CE8502	3	2	3	3	2	2	28/12/2020	CIVIL	5
217012	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	CE8502	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217015	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217017	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217018	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217019	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	CE8502	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5

217022	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217023	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217024	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217025	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217026	CE8502	3	2	2	3	3	2	28/12/2020	CIVIL	5
217027	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217028	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217031	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	CE8502	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	CE8502	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	CE8502	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217038	CE8502	3	2	2	3	2	2	28/12/2020	CIVIL	5
217039	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217041	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217042	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217044	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217046	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	CE8502	3	2	3	3	2	2	28/12/2020	CIVIL	5
217048	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217052	CE8502	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	CE8502	2	3	3	3	2	3	28/12/2020	CIVIL	5
217056	CE8502	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	CE8502	3	2	3	3	2	3	28/12/2020	CIVIL	5
217059	CE8502	2	3	2	2	2	2	28/12/2020	CIVIL	5
Attained Level		2.5	2.66	2.5	2.61	2.05	2.45			
%		83.33	88.67	83.33	87.00	68.33	81.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8591** NBA Code : **C304** Title **Foundation Engineering**
Faculty: Mr.S.Kannan

Cos	CO Description	Attained Level	%
C304.1	Understand the site investigation, methods and sampling	2.75	91.67
C304.2	Get knowledge on bearing capacity and testing methods	2.41	80.33
C304.3	Design shallow footings	2.73	91.00
C304.4	Determine the load carrying capacity, settlement of pile foundation	2.86	95.33
C304.5	Determine the earth pressure on retaining walls	2.43	81.00
C304.6	Analyze the stability of retaining walls	2.61	87.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217003	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217004	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217007	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	CE8591	3	3	2		2	2	28/12/2020	CIVIL	5
217009	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217010	CE8591	2	3	3	3	3	3	28/12/2020	CIVIL	5
217011	CE8591	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	CE8591	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	CE8591	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217017	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217018	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217020	CE8591	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217022	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217023	CE8591	3	2	3	3	3	2	28/12/2020	CIVIL	5
217024	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217025	CE8591	2	3	3		3	3	28/12/2020	CIVIL	5

217026	CE8591	3	2	2	3	3	2	28/12/2020	CIVIL	5
217027	CE8591	3	3	3		3	3	28/12/2020	CIVIL	5
217028	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	CE8591	3	2	3	3	3	2	28/12/2020	CIVIL	5
217031	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217032	CE8591	3	3	2		2	2	28/12/2020	CIVIL	5
217033	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217034	CE8591	3	3	3		3	3	28/12/2020	CIVIL	5
217035	CE8591	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	CE8591	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217040	CE8591	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	CE8591	3	2	3	3	2	2	28/12/2020	CIVIL	5
217042	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217043	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217044	CE8591	3	3	2	3	2	2	28/12/2020	CIVIL	5
217045	CE8591	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217047	CE8591	2	2	2	2	2	2	28/12/2020	CIVIL	5
217048	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	CE8591	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	CE8591	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	CE8591	3	2	3	3	2	2	28/12/2020	CIVIL	5
217054	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217055	CE8591	2	3	3	3	3	3	28/12/2020	CIVIL	5
217056	CE8591	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	CE8591	3	2	3	3	2	3	28/12/2020	CIVIL	5
217058	CE8591	3	2	3	3	3	3	28/12/2020	CIVIL	5
217059	CE8591	3	3	3		3	2	28/12/2020	CIVIL	5
Attained Level		2.75	2.41	2.73	2.86	2.43	2.61			
%		91.67	80.33	91.00	95.33	81.00	87.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8501** NBA Code : **C301** Title **Design of Reinforced Cement Concrete Elements**
Faculty: Dr.G.Dhanalakshmi

Cos	CO Description	Attained Level	%
C301.1	1. To introduce the various design Philosophies for the design of RC Elements.	2.71	90.33
C301.2	2. To practice more problems on Rectangular sections by Working Stress Method and Limit State Method.	2.48	82.67
C301.3	3. To understand the Analysis and Design the Flanged beams for Shear and Torsion by Limit State Method.	2.68	89.33
C301.4	4. To Design the various types of Slabs and Staircase by Limit State Method.	2.84	94.67
C301.5	5. To Design the Columns for Axial, Uniaxial and Biaxial Eccentric Loadings by Limit State Method.	2.14	71.33
C301.6	6. To Design Footing by Limit State Method.	2.55	85.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217002	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217004	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217007	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217010	CE8501	2	3	3	3	3	3	28/12/2020	CIVIL	5
217011	CE8501	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217014	CE8501	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	CE8501	2	3	2	2	3	2	28/12/2020	CIVIL	5
217016	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217017	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217018	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	CE8501	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5

217022	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217023	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217024	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217025	CE8501	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	CE8501	3	2	2	3	2	2	28/12/2020	CIVIL	5
217027	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217028	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217031	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	CE8501	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217037	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	CE8501	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	CE8501	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
217042	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217043	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217044	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217045	CE8501	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	CE8501	3	2	3	3	3	2	28/12/2020	CIVIL	5
217048	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	CE8501	2	3	2	3	2	2	28/12/2020	CIVIL	5
217051	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217052	CE8501	3	3	3	3	2	3	28/12/2020	CIVIL	5
217053	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	CE8501	2	3	3	3	2	3	28/12/2020	CIVIL	5
217056	CE8501	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	CE8501	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	CE8501	3	2	3	3	2	3	28/12/2020	CIVIL	5
217059	CE8501	3	2	3	3	2	2	28/12/2020	CIVIL	5
Attained Level		2.71	2.48	2.68	2.84	2.14	2.55			
%		90.33	82.67	89.33	94.67	71.33	85.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **OAI551** NBA Code : **C306** Title **ENVIRONMENT AND AGRICULTURE**
Faculty: Ms.C.Nivedhitha

Cos	CO Description	Attained Level	%
C306.1	Students will appreciate the role of environment in current practice of agriculture	2.61	87.00
C306.2	Students will understand the impact of agriculture on environment	2.52	84.00
C306.3	Students will concern of climate change and emerging global issues	2.61	87.00
C306.4	Students will have exposure to current agricultural practices	2.73	91.00
C306.5	Ecological context of agriculture will be understood	2.23	74.33
C306.6	Students will gain knowledge on sustainability aspects of agriculture	2.5	83.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 56

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
217001	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217002	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217003	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217004	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217006	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217007	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217008	OAI551	3	3	2	3	2	2	28/12/2020	CIVIL	5
217009	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217010	OAI551	2	3	3	3	3	3	28/12/2020	CIVIL	5
217011	OAI551	3	2	3	3	3	2	28/12/2020	CIVIL	5
217012	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217013	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217014	OAI551	3	2	2	3	2	2	28/12/2020	CIVIL	5
217015	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217016	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217017	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217018	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217019	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217020	OAI551	2	3	2	3	2	2	28/12/2020	CIVIL	5
217021	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217022	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217023	OAI551	3	2	3	3	2	2	28/12/2020	CIVIL	5
217024	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5

217025	OAI551	2	3	3	3	3	3	28/12/2020	CIVIL	5
217026	OAI551	3	2	2	3	2	2	28/12/2020	CIVIL	5
217027	OAI551	2	3	2	2	3	2	28/12/2020	CIVIL	5
217028	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217029	OAI551	3	2	3	3	2	2	28/12/2020	CIVIL	5
217031	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217032	OAI551	3	3	2	3	2	2	28/12/2020	CIVIL	5
217033	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217034	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217035	OAI551	2	3	3	3	2	2	28/12/2020	CIVIL	5
217037	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217038	OAI551	3	2	2	3	3	2	28/12/2020	CIVIL	5
217039	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217040	OAI551	2	3	3	3	2	3	28/12/2020	CIVIL	5
217041	OAI551	3	2	3	3	2	2	28/12/2020	CIVIL	5
217042	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217043	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217044	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217045	OAI551	2	3	3	3	3	3	28/12/2020	CIVIL	5
217046	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217047	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217048	OAI551	3	3	3	3	2	3	28/12/2020	CIVIL	5
217049	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217050	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217051	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217052	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217053	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217054	OAI551	3	2	3	3	2	3	28/12/2020	CIVIL	5
217055	OAI551	2	3	3	3	2	3	28/12/2020	CIVIL	5
217056	OAI551	3	3	2	3	2	2	28/12/2020	CIVIL	5
217057	OAI551	2	3	2	2	2	2	28/12/2020	CIVIL	5
217058	OAI551	3	2	3	3	3	3	28/12/2020	CIVIL	5
217059	OAI551	3	2	3	3	3	2	28/12/2020	CIVIL	5
Attained Level		2.61	2.52	2.61	2.73	2.23	2.5			
%		87.00	84.00	87.00	91.00	74.33	83.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **7** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8701** NBA Code : **C401** Title **ESTIMATION, COSTING AND VALUATION ENGINEERING**
Faculty: Mr.G.Venkatesan

Cos	CO Description	Attained Level	%
C401.1	Estimate the quantities for buildings	2.58	86.00
C401.2	Estimate the quantities for Roads,Septic Tank, Soak Pit,Retaining Wall and Culverts	2.6	86.67
C401.3	Rate Analysis for all Building works, canals, and Roads and Cost Estimate	2.6	86.67
C401.4	Understand types of specifications, principles for report preparation, tender notices types	2.73	91.00
C401.5	Gain knowledge on types of contracts	2.34	78.00
C401.6	Evaluate valuation for building and land	2.45	81.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 67

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207003	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207004	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207005	CE8701	2	3	3	3	3	3	28/12/2020	CIVIL	7
207006	CE8701	2	3	2	2	3	2	28/12/2020	CIVIL	7
207007	CE8701	2	3	2	2	3	2	28/12/2020	CIVIL	7
207008	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207009	CE8701	3	2	3	3	2	2	28/12/2020	CIVIL	7
207010	CE8701	2	3	3	3	3	3	28/12/2020	CIVIL	7
207011	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207012	CE8701	3	3	2	3	2	2	28/12/2020	CIVIL	7
207013	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207014	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207015	CE8701	2	3	3	3	2	2	28/12/2020	CIVIL	7
207016	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207017	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207019	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207020	CE8701	2	3	3	3	2	3	28/12/2020	CIVIL	7
207021	CE8701	3	2	3	3	2	2	28/12/2020	CIVIL	7
207022	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207023	CE8701	2	3	2	2	3	2	28/12/2020	CIVIL	7

207024	CE8701	3	3	2	3	2	2	28/12/2020	CIVIL	7
207025	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207026	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207027	CE8701	3	2	3	3	3	2	28/12/2020	CIVIL	7
207028	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207029	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207030	CE8701	2	3	2	3	2	2	28/12/2020	CIVIL	7
207031	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207032	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207034	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207036	CE8701	3	3	2	3	2	2	28/12/2020	CIVIL	7
207037	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207038	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207039	CE8701	3	2	3	3	2	2	28/12/2020	CIVIL	7
207040	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207041	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207042	CE8701	3	2	2	3	2	2	28/12/2020	CIVIL	7
207043	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207044	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207045	CE8701	2	3	3	3	3	2	28/12/2020	CIVIL	7
207046	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207047	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207048	CE8701	3	3	2	3	2	2	28/12/2020	CIVIL	7
207049	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207050	CE8701	2	3	2	2	3	2	28/12/2020	CIVIL	7
207051	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207053	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207054	CE8701	3	2	2	3	2	2	28/12/2020	CIVIL	7
207055	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207056	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207057	CE8701	3	2	3	3	3	2	28/12/2020	CIVIL	7
207058	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207059	CE8701	2	3	2	2	2	2	28/12/2020	CIVIL	7
207060	CE8701	2	3	2	3	2	2	28/12/2020	CIVIL	7
207061	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207062	CE8701	3	2	3	3	3	3	28/12/2020	CIVIL	7
207063	CE8701	3	2	3	3	3	2	28/12/2020	CIVIL	7
207064	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207065	CE8701	2	3	3	3	3	3	28/12/2020	CIVIL	7
207067	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207068	CE8701	3	3	3	3	2	3	28/12/2020	CIVIL	7
207069	CE8701	3	2	3	3	3	2	28/12/2020	CIVIL	7

207070	CE8701	2	3	3	3	2	3	28/12/2020	CIVIL	7
207072	CE8701	3	3	2	3	2	2	28/12/2020	CIVIL	7
207074	CE8701	3	2	3	3	2	3	28/12/2020	CIVIL	7
207075	CE8701	2	3	3	3	3	2	28/12/2020	CIVIL	7
Attained Level		2.58	2.6	2.6	2.73	2.34	2.45			
%		86.00	86.67	86.67	91.00	78.00	81.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **7** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8702** NBA Code : **C402** Title **RAILWAYS AIRPORTS AND HARBOUR ENGINEERING**
Faculty: Mr.A.Anand Raj

Cos	CO Description	Attained Level	%
C402.1	Students will be able to describe about various activities regarding railway planning.	2.69	89.67
C402.2	Students will be able to explain about the construction and maintenance of railways.	2.52	84.00
C402.3	Students will be able to describe about the various activities regarding airport planning.	2.76	92.00
C402.4	Students will be able to explain about the various design aspects of airports.	2.88	96.00
C402.5	Students will be able to describe about various activities regarding harbour planning.	2.31	77.00
C402.6	Students will have the ability to design various civil engineering aspects of harbour.	2.6	86.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 67

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207003	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207004	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207005	CE8702	2	3	3	3	2	3	28/12/2020	CIVIL	7
207006	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207007	CE8702	2	3	2	2	3	2	28/12/2020	CIVIL	7
207008	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207009	CE8702	3	2	3	3	2	2	28/12/2020	CIVIL	7
207010	CE8702	2	3	3	3	3	3	28/12/2020	CIVIL	7
207011	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207012	CE8702	3	3	2	3	2	2	28/12/2020	CIVIL	7
207013	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207014	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207015	CE8702	2	3	3	3	3	2	28/12/2020	CIVIL	7
207016	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207017	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207019	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207020	CE8702	2	3	3	3	2	3	28/12/2020	CIVIL	7

207021	CE8702	3	2	3	3	3	2	28/12/2020	CIVIL	7
207022	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207023	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207024	CE8702	3	3	2	3	2	2	28/12/2020	CIVIL	7
207025	CE8702	2	3	3	3	2	3	28/12/2020	CIVIL	7
207026	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207027	CE8702	3	2	3	3	3	2	28/12/2020	CIVIL	7
207028	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207029	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207030	CE8702	2	3	2	3	2	2	28/12/2020	CIVIL	7
207031	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207032	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207034	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207036	CE8702	3	3	2	3	2	2	28/12/2020	CIVIL	7
207037	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207038	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207039	CE8702	3	2	3	3	2	2	28/12/2020	CIVIL	7
207040	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207041	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207042	CE8702	3	2	2	3	2	2	28/12/2020	CIVIL	7
207043	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207044	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207045	CE8702	2	3	3	3	3	2	28/12/2020	CIVIL	7
207046	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207047	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207048	CE8702	3	3	2	3	2	2	28/12/2020	CIVIL	7
207049	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207050	CE8702	2	3	3	3	2	3	28/12/2020	CIVIL	7
207051	CE8702	3	2	3	3	2	2	28/12/2020	CIVIL	7
207053	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207054	CE8702	2	3	2	2	2	2	28/12/2020	CIVIL	7
207055	CE8702	2	3	3	3	3	3	28/12/2020	CIVIL	7
207056	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207057	CE8702	3	2	3	3	2	2	28/12/2020	CIVIL	7
207058	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207059	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207060	CE8702	2	3	2	3	2	2	28/12/2020	CIVIL	7
207061	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207062	CE8702	3	2	3	3	3	3	28/12/2020	CIVIL	7
207063	CE8702	3	2	3	3	3	2	28/12/2020	CIVIL	7
207064	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207065	CE8702	2	3	3	3	3	3	28/12/2020	CIVIL	7

207067	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207068	CE8702	3	3	3	3	2	3	28/12/2020	CIVIL	7
207069	CE8702	3	2	3	3	3	2	28/12/2020	CIVIL	7
207070	CE8702	2	3	3	3	2	3	28/12/2020	CIVIL	7
207072	CE8702	3	3	2	3	2	2	28/12/2020	CIVIL	7
207074	CE8702	3	2	3	3	2	3	28/12/2020	CIVIL	7
207075	CE8702	2	3	3	3	2	2	28/12/2020	CIVIL	7
Attained Level		2.69	2.52	2.76	2.88	2.31	2.6			
%		89.67	84.00	92.00	96.00	77.00	86.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **7** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8703** NBA Code : **C403** Title **Structural Design dRAWING**
Faculty: Ms.P.Vaishali

Cos	CO Description	Attained Level	%
C403.1	Design and draw reinforced concrete Cantilever and Counterfort Retaining Walls	2.59	86.33
C403.2	Design and draw flat slab as per codal provisions	2.59	86.33
C403.3	Design and draw reinforced concrete and steel bridges	2.61	87.00
C403.4	Design and draw reinforced concrete and steel water tanks	2.73	91.00
C403.5	Design and detail the various steel trusses	2.17	72.33
C403.6	Design and detail plate girder and gantry girder	2.5	83.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 66

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	CE8703	3	2	3	3	3	3	28/12/2020	CIVIL	7
207003	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207004	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207005	CE8703	2	3	3	3	2	3	28/12/2020	CIVIL	7
207006	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207007	CE8703	3	2	3	2	3	3	28/12/2020	CIVIL	7
207008	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207010	CE8703	2	3	3	3	3	3	28/12/2020	CIVIL	7
207011	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207012	CE8703	3	3	2	3	2	2	28/12/2020	CIVIL	7
207013	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207014	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207015	CE8703	2	3	3	3	2	2	28/12/2020	CIVIL	7
207016	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207017	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207019	CE8703	3	2	3	3	3	3	28/12/2020	CIVIL	7
207020	CE8703	2	3	3	3	2	3	28/12/2020	CIVIL	7
207021	CE8703	3	2	3	3	2	2	28/12/2020	CIVIL	7
207022	CE8703	3	2	3	3	3	3	28/12/2020	CIVIL	7
207023	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207024	CE8703	3	3	2	3	2	2	28/12/2020	CIVIL	7
207025	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207026	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7

207027	CE8703	3	2	3	3	2	2	28/12/2020	CIVIL	7
207028	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207029	CE8703	2	3	2	2	3	2	28/12/2020	CIVIL	7
207030	CE8703	2	3	2	3	2	2	28/12/2020	CIVIL	7
207031	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207032	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207034	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207036	CE8703	3	3	2	3	2	2	28/12/2020	CIVIL	7
207037	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207038	CE8703	3	2	3	3	3	3	28/12/2020	CIVIL	7
207039	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207040	CE8703	2	3	3	3	2	3	28/12/2020	CIVIL	7
207041	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207042	CE8703	3	2	2	3	2	2	28/12/2020	CIVIL	7
207043	CE8703	3	2	3	3	3	3	28/12/2020	CIVIL	7
207044	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207045	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207046	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207047	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207048	CE8703	3	3	2	3	2	2	28/12/2020	CIVIL	7
207049	CE8703	3	2	3	3	3	3	28/12/2020	CIVIL	7
207050	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207051	CE8703	3	2	3	3	2	2	28/12/2020	CIVIL	7
207053	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207054	CE8703	3	2	2	3	2	2	28/12/2020	CIVIL	7
207055	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207056	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207057	CE8703	3	2	3	3	2	2	28/12/2020	CIVIL	7
207058	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207059	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207060	CE8703	2	3	2	3	2	2	28/12/2020	CIVIL	7
207061	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207062	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207063	CE8703	2	3	2	2	2	2	28/12/2020	CIVIL	7
207064	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207065	CE8703	2	3	3	3	3	3	28/12/2020	CIVIL	7
207067	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207068	CE8703	3	3	3	3	2	3	28/12/2020	CIVIL	7
207069	CE8703	3	2	3	3	3	2	28/12/2020	CIVIL	7
207070	CE8703	2	3	3	3	2	3	28/12/2020	CIVIL	7
207072	CE8703	3	3	2	3	2	2	28/12/2020	CIVIL	7

207074	CE8703	3	2	3	3	2	3	28/12/2020	CIVIL	7
207075	CE8703	2	3	3	3	2	2	28/12/2020	CIVIL	7
Attained Level		2.59	2.59	2.61	2.73	2.17	2.5			
%		86.33	86.33	87.00	91.00	72.33	83.33			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **7** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **EN8591** NBA Code : **C406** Title **MUNICIPAL SOLID WASTE MANAGEMENT**
Faculty: Ms.C.Nivedhitha

Cos	CO Description	Attained Level	%
C406.1	Students will have an understanding of the nature and characteristics of municipal solid wastes	2.5	83.33
C406.2	Students will have an understanding of the regulatory requirements regarding municipal solid waste management	2.67	89.00
C406.3	Students will have the ability to plan waste minimization and storage design	2.53	84.33
C406.4	Students will have the ability to plan collection and transportation of waste	2.62	87.33
C406.5	Students will have the knowledge of processing of waste	2.11	70.33
C406.6	Students will understand and design the various methods of disposal of municipal solid waste	2.48	82.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 66

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	EN8591	3	2	3	3	3	3	28/12/2020	CIVIL	7
207003	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207004	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207005	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207006	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207007	EN8591	3	2	3	2	3	3	28/12/2020	CIVIL	7
207008	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207010	EN8591	2	3	3	3	3	3	28/12/2020	CIVIL	7
207011	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207012	EN8591	3	3	2	3	2	2	28/12/2020	CIVIL	7
207013	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207014	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207015	EN8591	2	3	3	3	2	2	28/12/2020	CIVIL	7
207016	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207017	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207019	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207020	EN8591	2	3	3	3	2	3	28/12/2020	CIVIL	7
207021	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207022	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207023	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207024	EN8591	3	3	2	3	2	2	28/12/2020	CIVIL	7

207025	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207026	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207027	EN8591	3	2	3	3	3	2	28/12/2020	CIVIL	7
207028	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207029	EN8591	2	2	2	2	2	2	28/12/2020	CIVIL	7
207030	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207031	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207032	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207034	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207036	EN8591	3	3	2	3	2	2	28/12/2020	CIVIL	7
207037	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207038	EN8591	3	2	3	3	3	3	28/12/2020	CIVIL	7
207039	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207040	EN8591	2	3	3	3	2	3	28/12/2020	CIVIL	7
207041	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207042	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207043	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207044	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207045	EN8591	2	3	3	3	2	2	28/12/2020	CIVIL	7
207046	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207047	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207048	EN8591	3	3	2	3	2	2	28/12/2020	CIVIL	7
207049	EN8591	3	2	3	3	3	3	28/12/2020	CIVIL	7
207050	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207051	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207053	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207054	EN8591	3	2	2	3	2	2	28/12/2020	CIVIL	7
207055	EN8591	2	3	3	3	2	3	28/12/2020	CIVIL	7
207056	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207057	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207058	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207059	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207060	EN8591	2	3	2	3	2	2	28/12/2020	CIVIL	7
207061	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207062	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207063	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207064	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207065	EN8591	2	3	3	3	3	3	28/12/2020	CIVIL	7
207067	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207068	EN8591	3	3	3	3	2	3	28/12/2020	CIVIL	7
207069	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
207070	EN8591	2	3	3	3	2	3	28/12/2020	CIVIL	7

207072	EN8591	3	3	2	3	2	2	28/12/2020	CIVIL	7
207074	EN8591	3	2	3	3	2	3	28/12/2020	CIVIL	7
207075	EN8591	2	3	2	2	2	2	28/12/2020	CIVIL	7
Attained Level		2.5	2.67	2.53	2.62	2.11	2.48			
%		83.33	89.00	84.33	87.33	70.33	82.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **7** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **OME754** NBA Code : **C405** Title **Industrial Safety**
Faculty: Mr.A.Anand Raj

Cos	CO Description	Attained Level	%
C405.1	Students will be able to understand and prevent the problems related to fire safety.	2.66	88.67
C405.2	Students must be able to identify and prevent chemical hazards.	2.52	84.00
C405.3	Students must be able to recognize and prevent environmental hazards.	2.66	88.67
C405.4	Students will be able to learn various methods of hazard analysis.	2.81	93.67
C405.5	Students will obtain knowledge on various safety regulations.	2.27	75.67
C405.6	Students must be able to apply proper safety techniques on safety engineering and management.	2.51	83.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 67

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207003	OME754	3	2	3	3	2	2	28/12/2020	CIVIL	7
207004	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207005	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207006	OME754	3	2	2	3	2	2	28/12/2020	CIVIL	7
207007	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207008	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207009	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207010	OME754	2	3	3	3	3	3	28/12/2020	CIVIL	7
207011	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207012	OME754	3	3	2	3	2	2	28/12/2020	CIVIL	7
207013	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207014	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207015	OME754	2	3	3	3	3	2	28/12/2020	CIVIL	7
207016	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207017	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207019	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207020	OME754	2	3	3	3	2	3	28/12/2020	CIVIL	7
207021	OME754	3	2	3	3	3	2	28/12/2020	CIVIL	7
207022	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207023	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207024	OME754	3	3	2	3	2	2	28/12/2020	CIVIL	7

207025	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207026	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207027	OME754	3	2	3	3	3	2	28/12/2020	CIVIL	7
207028	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207029	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207030	OME754	2	3	2	3	2	2	28/12/2020	CIVIL	7
207031	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207032	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207034	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207036	OME754	3	3	2	3	2	2	28/12/2020	CIVIL	7
207037	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207038	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207039	OME754	3	2	3	3	2	2	28/12/2020	CIVIL	7
207040	OME754	2	3	3	3	2	3	28/12/2020	CIVIL	7
207041	OME754	2	3	2	2	3	2	28/12/2020	CIVIL	7
207042	OME754	3	2	2	3	2	2	28/12/2020	CIVIL	7
207043	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207044	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207045	OME754	2	3	3	3	3	2	28/12/2020	CIVIL	7
207046	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207047	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207048	OME754	3	3	2	3	2	2	28/12/2020	CIVIL	7
207049	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207050	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207051	OME754	3	2	3	3	2	2	28/12/2020	CIVIL	7
207053	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207054	OME754	3	2	2	3	2	2	28/12/2020	CIVIL	7
207055	OME754	2	3	3	3	3	3	28/12/2020	CIVIL	7
207056	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207057	OME754	3	2	3	3	2	2	28/12/2020	CIVIL	7
207058	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207059	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207060	OME754	2	3	2	3	2	2	28/12/2020	CIVIL	7
207061	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207062	OME754	3	2	3	3	3	3	28/12/2020	CIVIL	7
207063	OME754	3	2	3	3	3	2	28/12/2020	CIVIL	7
207064	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
207065	OME754	2	3	3	3	3	3	28/12/2020	CIVIL	7
207067	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207068	OME754	3	3	3	3	2	3	28/12/2020	CIVIL	7
207069	OME754	3	2	3	3	3	2	28/12/2020	CIVIL	7
207070	OME754	2	3	3	3	2	3	28/12/2020	CIVIL	7

207072	OME754	3	3	2	3	2	2	28/12/2020	CIVIL	7
207074	OME754	3	2	3	3	2	3	28/12/2020	CIVIL	7
207075	OME754	2	3	2	2	2	2	28/12/2020	CIVIL	7
Attained Level		2.66	2.52	2.66	2.81	2.27	2.51			
%		88.67	84.00	88.67	93.67	75.67	83.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **8** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **CE8020** NBA Code : **C409** Title **Maintenance, Repair And Rehabilitation Of Structures**
Faculty: Mr.A.Anand Raj

Cos	CO Description	Attained Level	%
C409.1	Students will be able to understand the importance of maintenance and assessment method of distressed structures.	2.56	85.33
C409.2	Students will be able to understand the strength and durability properties ,their effects due to climate and temperature.	2.64	88.00
C409.3	Students will be able to understand the recent developments in concrete.	2.59	86.33
C409.4	Students will be able to understand the techniques for repair rand protection methods.	2.68	89.33
C409.5	Students will be able to understand the repair and rehabilitation methods.	2.15	71.67
C409.6	Students will be able to understand retrofitting of structures and demolition methods.	2.45	81.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 66

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	CE8020	3	2	3	3	3	3	31/08/2021	CIVIL	8
207003	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207004	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207005	CE8020	2	3	3	3	3	3	31/08/2021	CIVIL	8
207006	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207007	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207008	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207010	CE8020	2	3	3	3	2	3	31/08/2021	CIVIL	8
207011	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207012	CE8020	3	3	2	3	2	2	31/08/2021	CIVIL	8
207013	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207014	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207015	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207016	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207017	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207019	CE8020	3	2	3	3	3	3	31/08/2021	CIVIL	8
207020	CE8020	2	3	3	3	2	3	31/08/2021	CIVIL	8
207021	CE8020	3	2	3	3	3	2	31/08/2021	CIVIL	8
207022	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207023	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8

207024	CE8020	3	3	2	3	2	2	31/08/2021	CIVIL	8
207025	CE8020	2	3	3	3	2	3	31/08/2021	CIVIL	8
207026	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207027	CE8020	3	2	3	3	2	2	31/08/2021	CIVIL	8
207028	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207029	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207030	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207031	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207032	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207034	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207036	CE8020	3	3	2	3	2	2	31/08/2021	CIVIL	8
207037	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207038	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207039	CE8020	3	2	3	3	2	2	31/08/2021	CIVIL	8
207040	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207041	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207042	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207043	CE8020	3	2	3	3	3	3	31/08/2021	CIVIL	8
207044	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207045	CE8020	2	3	3	3	3	2	31/08/2021	CIVIL	8
207046	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207047	CE8020	3	2	3	3	3	3	31/08/2021	CIVIL	8
207048	CE8020	3	3	2	3	2	2	31/08/2021	CIVIL	8
207049	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207050	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207051	CE8020	3	2	3	3	2	2	31/08/2021	CIVIL	8
207053	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207054	CE8020	3	2	2	3	2	2	31/08/2021	CIVIL	8
207055	CE8020	2	3	3	3	3	3	31/08/2021	CIVIL	8
207056	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207057	CE8020	3	2	3	3	2	2	31/08/2021	CIVIL	8
207058	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207059	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207060	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207061	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207062	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207063	CE8020	3	2	3	3	2	2	31/08/2021	CIVIL	8
207064	CE8020	3	3	3	3	2	3	31/08/2021	CIVIL	8
207065	CE8020	2	3	3	3	3	3	31/08/2021	CIVIL	8
207067	CE8020	3	2	3	3	2	3	31/08/2021	CIVIL	8
207068	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207069	CE8020	3	2	3	3	3	2	31/08/2021	CIVIL	8

207070	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207072	CE8020	3	3	2	3	2	2	31/08/2021	CIVIL	8
207074	CE8020	2	3	2	2	2	2	31/08/2021	CIVIL	8
207075	CE8020	2	3	3	3	2	2	31/08/2021	CIVIL	8
Attained Level		2.56	2.64	2.59	2.68	2.15	2.45			
%		85.33	88.00	86.33	89.33	71.67	81.67			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **8** Programme: **B.E/B.Tech (CIVIL)**
Subject Code : **GE8076** NBA Code : **C408** Title **PROFESSIONAL ETHICS IN ENGINEERING**
Faculty: Dr.M.R.Anantha Padmanaban

Cos	CO Description	Attained Level	%
C408.1	Understand the various concepts of Human values.	2.77	92.33
C408.2	Remember the various theories regarding human morality involved in Engineering ethics.	2.44	81.33
C408.3	Apply the various theories regarding human morality in appropriate circumstances.	2.83	94.33
C408.4	Exhibit the engineering values for the betterment of society.	2.97	99.00
C408.5	Understand and assess ethical responsibilities and duties.	2.53	84.33
C408.6	Understand and exhibit social responsibilities in reference with moral code of conduct.	2.67	89.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 66

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
207001	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207003	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207004	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207005	GE8076	2	3	3	3	3	3	31/08/2021	CIVIL	8
207006	GE8076	3	2	2	3	3	2	31/08/2021	CIVIL	8
207007	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207008	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207010	GE8076	2	3	3	3	3	3	31/08/2021	CIVIL	8
207011	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207012	GE8076	3	3	2	3	2	2	31/08/2021	CIVIL	8
207013	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207014	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207015	GE8076	2	3	3	3	3	2	31/08/2021	CIVIL	8
207016	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207017	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207019	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207020	GE8076	2	3	3	3	2	3	31/08/2021	CIVIL	8
207021	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207022	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207023	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207024	GE8076	3	3	2	3	2	2	31/08/2021	CIVIL	8

207025	GE8076	2	3	3	3	2	3	31/08/2021	CIVIL	8
207026	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207027	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207028	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207029	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207030	GE8076	2	3	2	3	2	2	31/08/2021	CIVIL	8
207031	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207032	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207034	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207036	GE8076	3	3	2	3	2	2	31/08/2021	CIVIL	8
207037	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207038	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207039	GE8076	3	2	3	3	2	2	31/08/2021	CIVIL	8
207040	GE8076	2	3	3	3	2	3	31/08/2021	CIVIL	8
207041	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207042	GE8076	3	2	2	3	2	2	31/08/2021	CIVIL	8
207043	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207044	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207045	GE8076	2	3	3	3	3	2	31/08/2021	CIVIL	8
207046	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207047	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207048	GE8076	3	3	2	3	2	2	31/08/2021	CIVIL	8
207049	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207050	GE8076	2	3	3	3	3	3	31/08/2021	CIVIL	8
207051	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207053	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207054	GE8076	3	2	2	3	3	2	31/08/2021	CIVIL	8
207055	GE8076	2	3	3	3	3	3	31/08/2021	CIVIL	8
207056	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207057	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207058	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207059	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207060	GE8076	2	3	2	3	2	2	31/08/2021	CIVIL	8
207061	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207062	GE8076	3	2	3	3	3	3	31/08/2021	CIVIL	8
207063	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207064	GE8076	3	3	3	3	2	3	31/08/2021	CIVIL	8
207065	GE8076	2	3	3	3	3	3	31/08/2021	CIVIL	8
207067	GE8076	2	3	2	2	2	2	31/08/2021	CIVIL	8
207068	GE8076	3	3	3	2	2	3	31/08/2021	CIVIL	8
207069	GE8076	3	2	3	3	3	2	31/08/2021	CIVIL	8
207070	GE8076	2	3	3	3	3	3	31/08/2021	CIVIL	8

207072	GE8076	3	3	2	3	2	2	31/08/2021	CIVIL	8
207074	GE8076	3	2	3	3	2	3	31/08/2021	CIVIL	8
207075	GE8076	2	3	3	3	3	2	31/08/2021	CIVIL	8
Attained Level		2.77	2.44	2.83	2.97	2.53	2.67			
%		92.33	81.33	94.33	99.00	84.33	89.00			

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - U.G. (C.S.E)

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	51
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	52
05	FRI				05	FRI		V	10	05	MON	Offline Classes commences	i	30	05	WED		I	53
06	SAT				06	SAT	Holiday			06	TUE		ii	31	06	THU		II	54
07	SUN				07	SUN	Holiday			07	WED		iii	32	07	FRI		III	55
08	MON				08	MON		I	11	08	THU	NAAC committee visit	iv	33	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI	NAAC committee visit	v	34	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT		i	35	10	MON		IV	56
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	57
12	FRI				12	FRI		V	15	12	MON		ii	36	12	WED		I	58
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year, Offline Classes	iii	37	13	THU	STUDENT FEEDBACK -2	II	59
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON		I	16	15	THU		iv	38	15	SAT	IA Test 3(online)		
16	TUE				16	TUE		II	17	16	FRI		v	39	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT		i	40	17	MON	IA Test 3	III	60
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	61
19	FRI				19	FRI		V	20	19	MON		IV	41	19	WED	IA Test 3	V	62
20	SAT				20	SAT	Holiday			20	TUE		V	42	20	THU	IA Test 3	I	63
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	43	21	FRI	IA Test 3	II	64
22	MON	VI Sem class commences	I	1	22	MON		I	21	22	THU	IA Test 2	II	44	22	SAT			
23	TUE		II	2	23	TUE		II	22	23	FRI	IA Test 2	III	45	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI		V	25	26	MON	IA Test 2	IV	46	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	47	27	THU			
28	SUN	Holiday			28	SUN	Holiday			28	WED		I	48	28	FRI			
					29	MON	IA Test 1	I	26	29	THU		II	49	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI		III	50	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				22	50				14	64
																	Total No.of working days for the semester :		64

i,ii,iii,iv,v - day orders to be followed during offline classes

HOD/C.S.E

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for ODD semester(2020-21 ODD) - UG /C.S.E

JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	WED				01	SAT	Holiday			01	TUE	Holiday	IV	14	01	THU		IV	37	01	SUN	Holiday			01	TUE	
02	THU				02	SUN	Holiday			02	WED		V	15	02	FRI	Gandhi Jayanthi			02	MON	IA test -3	I	59	02	WED	
03	FRI				03	MON				03	THU		I	16	03	SAT	Holiday			03	TUE	IA test -3	II	60	03	THU	
04	SAT	Holiday			04	TUE				04	FRI		II	17	04	SUN	Holiday			04	WED	IA test -3	III	61	04	FRI	
05	SUN	Holiday			05	WED				05	SAT	Teachers day			05	MON	IA test - 2	V	38	05	THU		V	62	05	SAT	Holiday
06	MON				06	THU				06	SUN	Holiday			06	TUE	IA test - 2	I	**39**	06	FRI		I	63	06	SUN	Holiday
07	TUE				07	FRI				07	MON		III	18	07	WED	IA test - 2	II	40	07	SAT	Holiday			07	MON	
08	WED				08	SAT	Holiday			08	TUE		IV	**19**	08	THU		III	41	08	SUN	Holiday			08	TUE	
09	THU				09	SUN	Holiday			09	WED		V	20	09	FRI		IV	42	09	MON		II	64	09	WED	
10	FRI				10	MON				10	THU		I	**21**	10	SAT		V	43	10	TUE	revison	III	65	10	THU	
11	SAT	Holiday			11	TUE	Holiday			11	FRI	IA test - 1	I	22	11	SUN	Holiday			11	WED	revison	IV	66	11	FRI	
12	SUN	Holiday			12	WED	Janmashtami / International youth day			12	SAT	IA test - 1	II	23	12	MON		I	**44**	12	THU	Syllabus Completion	V	67	12	SAT	Holiday
13	MON	Webinar on E-PAYMENTS			13	THU	online class commences	I	1	13	SUN	Holiday			13	TUE		II	**45**	13	FRI				13	SUN	Holiday
14	TUE	Dimensification of Data using DBMS			14	FRI		II	2	14	MON	IA test - 1		24	14	WED		III	46	14	SAT	Holiday			14	MON	
15	WED	webinar on Unstructured Data			15	SAT	& Independence			15	TUE	Engineers day	II	25	15	THU		IV	47	15	SUN	Holiday			15	TUE	
16	THU	Webinar on Text Mining			16	SUN	Holiday			16	WED		III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	FRI	Webinar on Modern Computer Architecture			17	MON		III	3	17	THU		IV	27	17	SAT	Holiday			17	TUE				17	THU	University Practical Exam(online)
18	SAT	Holiday			18	TUE		IV	4	18	FRI		V	28	18	SUN	Holiday			18	WED				18	FRI	
19	SUN	Holiday			19	WED		V	5	19	SAT	Holiday			19	MON		I	49	19	THU				19	SAT	Holiday
20	MON	Webinar on Cognitive Cloud Computing			20	THU		I	6	20	SUN	Holiday			20	TUE		II	50	20	FRI				20	SUN	Holiday
21	TUE				21	FRI		II	7	21	MON		I	29	21	WED		III	51	21	SAT	Holiday			21	MON	
22	WED				22	SAT	Ganesh Chaturthi			22	TUE		II	30	22	THU		IV	52	22	SUN	Holiday			22	TUE	
23	THU				23	SUN	Holiday			23	WED		III	31	23	FRI		V	53	23	MON	Students Feedback			23	WED	
24	FRI				24	MON		III	8	24	THU		IV	32	24	SAT	Holiday			24	TUE				24	THU	
25	SAT	Holiday			25	TUE		IV	9	25	FRI	Students' Feedback	V	33	25	SUN	Ayudha poojai			25	WED				25	FRI	
26	SUN	Holiday			26	WED		V	10	26	SAT	Holiday			26	MON	Vijayadhasami			26	THU				26	SAT	Holiday
27	MON				27	THU		I	11	27	SUN	Holiday			27	TUE		I	54	27	FRI				27	SUN	Holiday
28	TUE				28	FRI		II	12	28	MON		I	34	28	WED		II	55	28	SAT	Holiday			28	MON	
29	WED				29	SAT	Holiday			29	TUE		II	35	29	THU		III	56	29	SUN	Holiday			29	TUE	
30	THU				30	SUN	Holiday			30	WED		III	36	30	FRI		IV	57	30	MON				30	WED	
31	FRI	Bakrid			31	MON		III	13						31	SAT		V	58						31	THU	
No. of Working days									**13**					**23**					**22**					**9**			

Total No. of working days for the semester : **67**

HOD-CSE

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, NBA Accredited, Affiliated to Anna University, Chennai)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REVIEW OF COURSE FILE

S.No.	Details	Review
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy[1]	✓
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities[1]	✓
3.	Syllabus signed by staff & HoD[1]	✓
4.	Lecture Schedule signed by staff & HoD[1]	✓
5.	Course Committee meeting circular and minutes[1]	✓
6.	Identification of Curricular gap and Content Beyond the syllabus[1]	✓
7.	Previous AU Question papers(at least 5)[1]	✓
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers[1]	✓
9.	Unit wise course material [1]	✓
10.	Assignment question paper with sample answer sheets (at least 3)and mark entry[234]	✓
11.	Tutorial questionpaper with key (minimum 3 Tutorials per unit, 15 Tutorials per course)and mark entry[234]	✓
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry[234]	✓
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis.[234]	✓
14.	Makeup Test –Q paper-Attendance-marks -sample answer papers[234]	
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers[234]	
16.	AU Web portal entry sheet[234]	✓
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.[23]	✓
18.	Absence for two tests-action taken-communication to parents-evidence.[23]	
19.	Indiscipline of student reported, if any[234]	
20.	Special class/coaching class/remedial class/attendance-CAP[234]	
21.	Conduct of Seminar, Quizzes - proof[234]	✓
22.	Content beyond the syllabus – proof[234]	✓
23.	Course end survey[4]	✓
24.	Internal Assessment sheet[4]	✓
25.	AU question paper with students feedback[5]	
26.	Discrepancy of the question paper and correspondence, if any[5]	
27.	AU result analysis-Details of arrear students.[5]	
28.	AU grade sheet[5]	
29.	CO – PO & PSO attainment sheet[5]	
	Signature of Course handling faculty	10/09/2024
	Signature of HoD	

Verified,

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SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Accredited by NBA)

Lecture Schedule

Degree/Program: **B.E / CSE** Course code &Name: CS8651-Internet Programming
Management Duration: **Dec 2020 -Apr 2021** Semester: **VI** Section: **A**
Faculty: J.SathiaParkavi

AIM

To introduce the students the need for learning different client and server side technologies

OBJECTIVES

1. To understand different Internet Technologies
2. To learn java-specific web services architecture

PRE-REQUISITE: Basic knowledge about HTML, CSS for design of web pages.

COURSE OUTCOMES: After the course, the student should be able to:

Course	Course Outcome	POs	PSOs
C310.1	Construct Basic Websites using HTML and CSS	1,2,3,8,9,10,12	1,2,3
C310.2	Build dynamic web page with validation using Java Script objects and by applying different event handling mechanisms	1,2,3,8,9,10,12	1,2,3
C310.3	Develop server side programs using Servlets	1,2,3,8,9,10,12	1,2,3
C310.4	Develop server side programs using JSP.	1,2,3,8,9,10,12	1,2,3
C310.5	Construct simple web pages in PHP and to represent data in XML format	1,2,3,8,9,10,12	1,2,3
C310.6	Use AJAX and web services to develop interactive web applications	1,2,3,8,9,10,12	1,2,3

S.No	Date Planned	Period	Topics to be Covered	Book No	Page No	Date Actual
UNIT I			**WEBSITE BASICS, HTML 5, CSS 3, WEB 2.0**		**Target Periods : 9**	
1	22.2.21	1	Web Essentials: Clients, Servers andCommunication	T1	(3-7)	23.2.2021
2	23.2.21	1	The Internet – Basic Internetprotocols.	T1,T2	(25-27), (27-29)	23.2.2021
3	24.2.21	1	World wide web – HTTP RequestMessage	T1,T2	(28-37), (109-115)	23.2.2021
4	25.2.21	2	HTTP Response Message, – WebClients	T1	(39-44)	24.2.2021
5	26.2.21	3	Web Servers – HTML5 – Tables	T1	(45-50)	26.2.2021
6	1.3.21 &	4,5	Image – HTML5 control	T1,T2	(50-59),	1.3.21 &

	2.3.21		elements –Semantic elements		(180-187)	2.3.21
7	3.3.21 & 4.3.21	6,7	Drag and Drop – Audio – Video controls - CSS3 – Inline, embedded and external style sheets	T1,T2	(59-64), (175-180)	3.3.21 & 4.3.21
8	5.3.21	8	Rule cascading – Inheritance – Backgrounds – Border Images	T1	(69-89)	5.3.21
9	8.3.21	9	Shadows – Text – Transformations –Transitions – Animations.	T1	(90-99)	8.3.21
UNIT II			**CLIENT SIDE PROGRAMMING**		**Target periods:9**	
10	11.3.21	1	Java Script: An introduction to JavaScript	T1 T2	(100-104), (18-20)	11.3.21
11	12.3.21	2	JavaScript DOM Model	T1	(105-113)	11.3.21
12	15.3.21	3	Date and Objects,- RegularExpressions	T1	(117-122)	15.3.21
13	16.3.21	4	Regular Expressions- Exception Handling-Validation	T1	(122-130)	16.3.21
14	17.3.21	5	Built-in objects	T1	(130-134)	17.3.21
15	18.3.21	6	Event Handling DHTML with JavaScript	T1	(134-149)	18.3.21
16	19.3.21	7	JSON - introduction	T2	(251-252)	23.3.21
17	22.3.21	8	Syntax – Function Files	T2	(252-259)	25.3.21
18	26.3.21	9	Http Request-SQL	T2	(260-262)	26.3.21
UNIT III			**SERVER SIDE PROGRAMMING**		**Target Periods : 9**	
19	28.3.21	1	Servlets: Java Servlet Architecture	T1	(201-205)	29.3.21
20	29.3.21	2	Servlet Life Cycle- Form GET and POST actionsSession Handling	T1	(207-210)	29.3.21
21	30.3.21	3	Understanding Cookies	T1	(211-213)	30.3.21
22	31.3.21	4	Installing and Configuring ApacheTomcat Web Server-	T1	(214-224)	30.3.21
23	1.4.21	5	DATABASE CONNECTIVITY:	T1	(225-230)	
24	2.4.21	6	JDBC perspectives, JDBC programexample - JSP	T1	(231-238)	1.4.21
25	5.4.21	7	Understanding Java Server Pages	T1	(239-257)	8.4.21
26	6.4.21	8	JSP Standard Tag Library (JSTL)	T1	(257-268)	9.4.21

27	8.4.21	9	Creating HTML forms by embeddingJSP code	T1	(269-293)	9.4.21
UNIT IV			**PHP and XML**		**Target Periods : 9**	
28	9.4.21	1	An introduction to PHP: PHP-UsingPHP	T1T2	(303-308), (373-387)	16.4.21
29	10.4.21	2	Variables- Program control- Built-infunctions Form Validation-	T1	(309-312)	17.4.21
30	12.4.21	3	Regular Expressions -	T1	(315-320)	19.4.21
31	15.4.21	4	File handling – Cookies	T1	(321-324)	20.4.21
32	16.4.21	5	Connecting to Database. XML: Basic	T1	(328-330)	28.4.21
33	17.4.21	6	XML- Document Type Definition-,	T1	(330-334)	29.4.21
34	21.4.21	7	XML Schema DOM and PresentingXML	T1	(335-338)	29.4.21
35	22.4.21	8,9	XML Parsers and Validation,	T1	(339-343)	30.4.21
36	23.4.21		XSL and XSLT Transformation,News Feed (RSS and ATOM).	T1	(343-346)	
UNIT V			**INTRODUCTION TO AJAX and WEB SERVICES**		**Target Periods: 9**	
37	25.4.21	1	AJAX: Ajax Client Server Architecture-	T1	(351-353)	3.5.21
38	26.4.21	2	XML Http Request Object- Call BackMethods	T1	(353-359)	4.5.21
39	27.4.21	3	Web Services: Introduction-	T1	(360-363)	5.5.21
40	28.4.21	4	Java web services Basics	T1	(363-365)	6.5.21
41	29.4.21	5	Creating, Publishing, a Web services (WSDL)	T1	370-372)	7.5.21
42	30.4.21	6	Testing and Describing a Web services (WSDL)	T1	(394-397)	10.5.21
43	3.5.21	7	Consuming a web service	T1	(400-416)	11.5.21
44	4.5.21	8	Database Driven web service from an application	T1	(400-416)	
45	5.5.21	9	SOAP	T1	(400-416)	12.5.21

TEXT BOOK:

T1. 1. Deitel and Deitel and Nieto, —Internet and World Wide Web - How to Program, Prentice Hall, 5th Edition, 2011.

REFERENCES:

R1. Stephen Wynkoop and John Burke —Running a Perfect Websitel, QUE, 2nd Edition, 1999.

R2. Chris Bates, Web Programming – Building Intranet Applications, 3rd Edition, Wiley Publications, 2009.

R3. Jeffrey C and Jackson, —Web Technologies A Computer Science Perspectivel, Pearson Education, 2011.**R4.** Gopalan N.P. and Akilandeswari J., —Web Technologyl, Prentice Hall of India.

R5. UttamK.Roy, —Web Technologiesl, Oxford University Press, 2011.

WEB RESOURCES

W1: www.w3schools.com

TEACHING METHODOLOGIES:

- VIDEO - VIDEO TUTORIAL
- PPT - POWER POINT PRESENTATION
- DEMO - DEMONSTRATION

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C310.1	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3
C310.2	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3
C310.3	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3
C310.4	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3
C310.5	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3
C310.6	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3
C310.1	3	3	3	-	-	-	-	3	3	3	-	3	3	3	3

Content beyond syllabus added	POs strengthened/Vacant filled	CO/Unit
Swing, Mongo DB	PO4/ Vacant filled	C310.4

21/2/21

FACULTY INCHARGE

21/2/21

HOD-CSE

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA)

REPORT OF ASSIGNMENT SUBMISSION

Academic Year: 2020-2021 **23.01.21**

Assignment-01	**Date of Issue:**	08.01.2021	**Marks**	10	
Course Code	EC8393	**Course Title**	Fundamentals of Data Structures using C		
Year	III	**Semester/Section**	III/A&B	**Date of Submission**: 22.01.2021	

Q.NO	Questions	CO	PO	PSO
1	Write the rule for matrix Implementation	C320.1	1-4	1,2,3
2	Explain about Polynomial Expression	C320.2	1-4	1,2,3

1. Mr.T.Sathis Kumar (II B) T. Sathis 23/1/21

2. Mr.A.T.Barani Vijaya Kumar (II A) A.Barani 23/1/21

Name and Signature of the Faculty Incharge

HoD/CSE 23/1/21

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University)
Department of Computer Science and Engineering
(Accredited by NBA)

Lab Plan

Date: 16-11-2020

Degree/Program: **B.E / CSE** Course Code & Name: CS8382 - Digital Systems Laboratory
Duration: July 2020 - Nov 2020 Semester: III Section: B Faculty: A.T.Barani Vijaya Kumar

AIM

To Supplement the theory course of Digital Circuits and systems with adequate introduction to both combinational and sequential logic circuits such as adders, subtractors, comparator, multiplexer/ demultiplexer, encoders/decoders, 7 segment display and decoder , flipflop , register,counter etc and various combinations of these .

OBJECTIVES

- To understand the various basic logic gates.
- To design and implement the various combinational circuits.
- To design and implement combinational circuits using MSI devices.
- To design and implement sequential circuits.
- To understand and code with HDL programming.

COURSE OUTCOMES: After the course, the student should be able to:

Course	Course outcome	Pos	Psos
C208.1	To understand the various basic logic gates	1,2,3,4,5,9,10,12	1,3
C208.2	To verify the Boolean theorems and expressions	1,2,3,4,5,9,10,12	1,3
C208.3	To design and implement the various combinational circuits	1,2,3,4,5,9,10,12	1,3
C208.4	To design and implement combinational circuits using MSI devices	1,2,3,4,5,9,10,12	1,3
C208.5	To design and implement sequential circuits	1,2,3,4,5,9,10,12	1,3
C208.6	To understand and code with HDL programming	1,2,3,4,5,9,10,12	1,3

S.No	Date of Instruction	Date Planned	Period no	List of Experiments	Date Actual
1a	13.08.2020	13.08.2020	3	Study of Basic Gates	13.08.2020
1b	13.08.2020	13.08.2020	3	Verification of Boolean Theorems Using Basic Gates	13.08.2020
2a	20.08.2020	20.08.2020	3	Design and Implementation of Arbitrary Function Using Logic Gates	20.08.2020
2b	27.08.2020	27.08.2020	3	Design and implementation of Code Converters using Logic Gates	27.08.2020
3	03.09.2020	03.09.2020	3	Design and implement Half/Full Adder and Subtractor.	03.09.2020

4a	10.09.2020	10.09.2020	3	Design and implement combinational circuits 4 – bit binary adder / subtractor	10.09.2020
4b	10.09.2020	10.09.2020	3	Parity Checker / Generator	10.09.2020
4c	21.09.2020	21.09.2020	3	Magnitude Comparator	21.09.2020
4d	28.09.2020	28.09.2020	3	Application Using Multiplexer	28.09.2020
5	12.10.2020	12.10.2020	3	Implementation Using Shift Register	12.10.2020
6	19.10.2020	19.10.2020	3	Design and Implementation of Synchronous Counter	19.10.2020
7	27.10.2020	27.10.2020	3	Design and Implementation of Synchronous Counter	27.10.2020
8	02.11.2020	02.11.2020	3	Designof Combinational Circuits using Verilog HDL	02.11.2020
9	06.11.2020	06.11.2020	3	Designof Sequential Circuits using Verilog HDL	06.11.2020

16/11/2020

Faculty Incharge

16/11/2020

HoD/CSE

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 09/08/2021

Ref : SCE/Syllabus/Laboratory/ CS8481 – DATABASE MANAGEMENT SYSTEMS LABORATORY

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	: 09/08/2021	Signature	:
Name	: KARTHIK.R	Name	: BOOBALA MURALITHARAN.D
Designation	: ASSISTANT PROFESSOR.	Designation	: ASSISTANT PROFESSOR
Department	: COMPUTER SCIENCE AND ENGINEERING		
	Signature of HoD :		
	Principal :		

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CS8481 - DATABASE MANAGEMENT SYSTEMS LABORATORY

L T P C
0 0 4 2

AIM:

The aim of this laboratory is to inculcate the abilities of applying the principles of the database management systems. This course aims to prepare the students for projects where a proper implementation of databases will be required.

OBJECTIVES:

- To understand data definitions and data manipulation commands
- To learn the use of nested and join queries
- To understand functions, procedures and procedural extensions of data bases
- To be familiar with the use of a front end tool
- To understand design and implementation of typical database applications

1. Data Definition Commands, Data Manipulation Commands for inserting, deleting, updating and retrieving Tables and Transaction Control statements
2. Database Querying – Simple queries, Nested queries, Sub queries and Joins
3. Views, Sequences, Synonyms
4. Database Programming: Implicit and Explicit Cursors
5. Procedures and Functions
6. Triggers
7. Exception Handling
8. Database Design using ER modeling, normalization and Implementation for any application
9. Database Connectivity with Front End Tools
10. Case Study using real life database applications

TOTAL: 60 PERIODS

OUTCOMES:

Upon completion of the course, the students will be able to:

- Use typical data definitions and manipulation commands.
- Design applications to test Nested and Join Queries
- Implement simple applications that use Views
- Implement applications that require a Front-end Tool

Critically analyze the use of Tables, Views, Functions and Procedures

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SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 09/08/2021

Ref : SCE/Syllabus/ Theory/ CS8492 - DATABASE MANAGEMENT SYSTEMS

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject CS8492 - DATABASE MANAGEMENT SYSTEMS, code CS8492 for II year, IV semester, department of CSE B.E/B.Tech/MBA during the academic year 2020-21, even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 55 periods, revised syllabus for 10 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : 09/08/2021

Name : KARTHIK. R

Designation : ASSISTANT PROFESSOR

Department : COMPUTER SCIENCE AND ENGINEERING

Date : 09.08.2021

Signature of HoD :

Principal :

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Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~

Dept: CSE

Year/ Sem/Sec	II / III / A																			
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
CS8351	Ms.K.Mohanapriya	IA Test	59	59	-	02	96.6	59	59	-	4	93.2	60	60	-	1	98.3			
		Make up Test																		
		Remarks																		
CS8391	Mr.R.Karthik	IA Test	59	59	-	02	96.6	59	59	-	-	100	60	60	-	-	100			
		Make up Test																		
		Remarks																		
CS8392	Dr.S.Mohana	IA Test	59	59	-	-	100	59	59	-	-	100	60	60	-	-	100			
		Make up Test																		
		Remarks																		
Signature of QAC members with name			A.T. BARANI VIJAYA KUMAR					A.T. BARANI VIJAYA KUMAR					A.T. BARANI VIJAYA KUMAR							
Signature of HOD																				
QAC In-Charge			S.A.					S.A.					S.A.							
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~

Dept: CSE

Year/ Sem/Sec	II / III / A		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8395	Ms.P.Sivagamasundari	IA Test	59	59	-	-	100	59	59	-	-	100	59	59	-	-	100
		Make up Test															
		Remarks															
MA8351	Ms.R.Padma	IA Test	59	59	-	-	100	59	59	-	3	94.9	60	60	1	-	98.3
		Make up Test															
		Remarks															
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			A.T.BARANI VIJAYA KUMAR					A.T.BARANI VIJAYA KUMAR					A.T.BARANI VIJAYA KUMAR				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~

Year/ Sem/Sec	II / III / B		Dept	CSE													
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8351	Mr.A.T.Barani Vijaya Kumar	IA Test	59	59	-	7	88.1	59	59	-	1	98.3	60	60	-	2	96.2
		Make up Test															
		Remarks															
CS8391	Dr.PL.Rajaraswari	IA Test	59	59	-	5	91.5	59	59	-	3	94.9	60	60	-	1	98.3
		Make up Test															
		Remarks															
CS8392	Dr.S.Mohana	IA Test	59	59	-	4	93.2	59	59	-	-	100	60	60	-	1	98.3
		Make up Test															
		Remarks															
Signature of QAC members with name			A.T. BARANI VIJAYA KUMAR					A.T. BARANI VIJAYA KUMAR					A.T. BARANI VIJAYA KUMAR				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Year/ Sem/Sec	II / III / B																		
			Dept					CSE											
			Test I					Test II					Test III						
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		
EC8395	Mr.M.Mahendran	IA Test	59	59	-	5	91.5	59	59	-	1	98.3	60	60	-	1	98.3		
		Make up Test																	
		Remarks																	
MA8351	Dr.S.Anupriya	IA Test	59	59	-	3	94.9	59	59	-	3	94.9	60	60	-	1	98.3		
		Make up Test																	
		Remarks																	
		IA Test																	
		Make up Test																	
		Remarks																	
Signature of QAC members with name			A.T. Barani Vijaya Kumar					A.T. Barani Vijaya Kumar					A.T. Barani Vijaya Kumar						
Signature of HOD																			
QAC In-Charge																			
IQAC Co-ordinator																			
Principal																			

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~ ✓

Dept: CSE

Year/ Sem/Sec	III / V / A		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8691	Ms.Anthuvan Lydia	IA Test	59	59	-	-	100	59	59	-	1	98.3	59	59	-	1	98.3
		Make up Test															
		Remarks															
MA8551	Dr.P.K.Lakshmi Devi	IA Test	59	59	-	1	98.3	59	59	-	3	94.9	59	59	-	1	98.3
		Make up Test															
		Remarks															
OEC552	Mr.K.S.Chandrasekaran	IA Test	59	59	-	1	98.3	59	59	-	2	96.6	59	59	-	-	100
		Make up Test															
		Remarks															
Signature of QAC members with name			A.T.BARANI VIJAYA KUMAR					A.T.BARANI VIJAYA KUMAR					A.T.BARANI VIJAYA KUMAR				
Signature of HOD																	
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept: CSE

Year/ Sem/Sec	III / V / A		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8501	Ms.R.Thillaikarasi	IA Test	59	59	-	4	93.2	59	59	-	-	100	59	59	-	-	100
		Make up Test															
		Remarks															
CS8591	Mr.R.Mohan kumar	IA Test	59	59	-	4	93.2	59	59	-	-	100	59	59	-	2	96.6
		Make up Test															
		Remarks															
CS8592	Dr.S.A.Saahaya Arul Mary	IA Test	59	59	-	-	100	59	59	-	-	100	59	59	-	-	100
		Make up Test															
		Remarks															
Signature of QAC members with name			A.T. BARANI VIJAYA KUMAR					A.T. BARANI VIJAYA KUMAR					A.T. BARANI VIJAYA KUMAR				
Signature of HOD																	
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~

Dept CSE

Year/ Sem/Sec	III / V / B		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8691	Ms. Vaishnavi	IA Test	56	56	NIL	7	88	56	56	NIL	6	89	56	56	NIL	-	100
		Make up Test															
		Remarks															
MA8551	Ms. Revathi	IA Test	56	56	NIL	8	86	56	56	NIL	3	95	56	56	NIL	2	96
		Make up Test															
		Remarks															
OEC552	Dr. Kavitha	IA Test	56	56	NIL	-	100	56	56	NIL	-	100	56	56	NIL	-	100
		Make up Test															
		Remarks															
Signature of QAC members with name			T. Sathis Kumar					T. Sathis Kumar					T. Sathis Kumar				
Signature of HOD																	
QAC In-Charge			S. A.					S. A.					S. A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~

Dept CSE

Year/ Sem/Sec	III / V / B		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8501	Dr. Senthamil Selvi	IA Test	56	56	NIL	14	75	56	56	NIL	4	93	56	56	NIL	-	100
		Make up Test															
		Remarks															
CS8591	Mr. Venkata Subramanian	IA Test	56	56	NIL	-	100	56	56	NIL	7	88	56	56	NIL	-	100
		Make up Test															
		Remarks															
CS8592	Mr. Boobalan	IA Test	56	56	NIL	27	52	56	56	NIL	6	89	56	56	NIL	-	100
		Make up Test															
		Remarks															
Signature of QAC members with name			(T. SATHIS KUMAR)					(T. SATHIS KUMAR)					(T. SATHIS KUMAR)				
Signature of HOD																	
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 2021

Sem: ODD/ ~~EVEN~~

Dept CSE

Year/ Sem/Sec	V / VII / A																			
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8792	Mr. Venkata Subramanian	IA Test	59	59	NIL	2	97						59	58	1	NIL	98
		Make up Test															
		Remarks															
MG8591	Mr. Chandra Sekaran	IA Test	59	59	NIL	–	100						59	59	NIL	–	100
		Make up Test															
		Remarks															
OMF751	Mr. Anandha padmanaban	IA Test	59	59	NIL	9	85						59	57	2	1	98
		Make up Test															
		Remarks															
Signature of QAC members with name			G. Sathis Kumar										G. Sathis Kumar				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 2021

Sem: ODD/~~EVEN~~

Dept CSE

Year/ Sem/Sec	IV / VII / A																			
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
CS8083	Dr. Rajarajeswari	IA Test	59	59	NIL	4	93						59	59	NIL	1	98			
		Make up Test																		
		Remarks																		
CS8091	Mr. Karthik	IA Test	59	58	1	1	98						59	59	NIL	1	98			
		Make up Test																		
		Remarks																		
CS8791	Dr. Senthamil Selvi	IA Test	59	59	NIL	6	89						59	59	NIL	2	97			
		Make up Test																		
		Remarks																		
Signature of QAC members with name			T. Murugan (T. SATHISHKUMAR)										T. Murugan (T. SATHISHKUMAR)							
Signature of HOD																				
QAC In-Charge			S. A. Azhagi										S. A. Azhagi							
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept CSE

Year/ Sem/Sec	IV / VII / B																			
Subject Code	Name of faculty		Test I					Test II					Test III							
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
CS8792	Dr. Thillaikarasi	IA Test	59	59	NIL	1	98						59	59	NIL	–	100			
		Make up Test																		
		Remarks																		
MG8591	Mr. Dinesh kumar	IA Test	59	59	NIL	2	97						59	59	NIL	2	97			
		Make up Test																		
		Remarks																		
OMF751	Mr. Rajesh	IA Test	59	59	NIL	1	98						59	58	1	1	98			
		Make up Test																		
		Remarks																		
Signature of QAC members with name			G. Mouli (G. SATHIS KUMAR)										T. Mouli (G. SATHIS KUMAR)							
Signature of HOD																				
QAC In-Charge			S.N.A										S.N.A							
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ ~~EVEN~~

Dept CSE

Year/ Sem/Sec	IV / VII / B		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8083	Dr. Kavitha	IA Test	59	59	NIL	1	98						59	59	NIL	-	100
		Make up Test															
		Remarks															
CS8091	Mr. Arun prasad	IA Test	59	59	NIL	1	98						59	58	1	1	98
		Make up Test															
		Remarks															
CS8791	Dr. Punitha	IA Test	59	59	NIL	1	98						59	59	NIL	1	98
		Make up Test															
		Remarks															
Signature of QAC members with name			T. Sathish (T. S. BATHU KUMAR)										T. Sathish (T. S. BATHU KUMAR)				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 – 21

Sem: ODD/ EVEN

Dept: CSE 'A'

Year/ Sem/Sec	II / CSE 'A'		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BE8255 Basic Electrical and Measurement Engineering	Dr. Vijaya - Lakshmi	IA Test	60	60	00	03	95	60	60	00	02	97	60	60	00	00	100
		Make up Test			—					—					—		
		Remarks			—					—					—		
CS8251 Programming in C	Ms. Mohanapriya	IA Test	60	60	00	03	95	60	60	00	00	100	60	60	00	00	100
		Make up Test			—					—					—		
		Remarks			—					—					—		
GE8291 Environmental Science and Engineering	Ms. Balapra - Sad	IA Test	60	58	02	04	90	60	59	01	02	95	60	60	00	00	100
		Make up Test			—					—					—		
		Remarks			—					—					—		
Signature of QAC members with name			P. Saravana Dair NS					P. Saravana Dair NS					P. Saravana Dair NS				
Signature of HOD																	
QAC In-Charge			S.D.A					S.D.A					S.D.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-21

Sem: ODD/ EVEN

Dept: CSE 'A'

Year/ Sem/Sec	I | II | CSE 'A'		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
HS8151 Technical English	Dr. V. Thamil Selvi	IA Test	60	59	01	01	97	60	59	01	01	97	60	60	00	00	100
		Make up Test		—	—					—				—			
		Remarks		—					—					—			
MA8151 Engineering Mathematics -II	Dr. S. Sivakumar	IA Test	60	59	01	00	98	60	59	01	00	98	60	60	00	00	100
		Make up Test			—					—					—		
		Remarks		—					—					—			
PH8252 Physics for Information Science	Mrs. G. Aranthi Krishnan	IA Test	60	59	01	04	92	60	59	01	02	95	60	60	00	00	100
		Make up Test			—					—				—			
		Remarks		—					—					—			
Signature of QAC members with name			P. Saravana Devi					P. Saravana Devi					P. Saravana Devi				
Signature of HOD																	
QAC In-Charge			S.D.A					S.D.A					S.D.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20 – 21

Sem: ~~ODD~~/ EVEN

Year/ Sem/Sec	I / II / CSE 'B'														Dept	CSE 'B'			
			Test I					Test II					Test III						
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BE8255 Basic Electrical and Measurement Engineering	Ms. C. Pearline Kamalini	IA Test	58	58	00	00	100	58	58	00	0	100	58	58	00	00	100
		Make up Test		—						—				—			
		Remarks	—					—					—				
CS8251 Programming in C	Mr. P. Dinesh Kumar	IA Test	58	57	01	00	98	58	57	01	00	98	58	58	00	00	100
		Make up Test		—						—				—			
		Remarks	—					—					—				
GE8291 Environmental Science & Engineering	Dr. L. Murugan -dam	IA Test	58	57	01	01	97	58	57	01	00	98	58	58	00	00	100
		Make up Test		—						—				—			
		Remarks	—					—					—				
Signature of QAC members with name			RB (P. Saravana Dosit)					RB (P. Saravana Dosit)					RB (P. Saravana Dosit)				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year :

Year/ Sem/Sec																Sem: ODD/ EVEN				
																Dept				
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
HS8851 Technical English	Ms. S. Sandra	IA Test	58	58	00	00	100	58	58	00	00	100	58	58	00	00	100
		Make up Test			—					—					—		
		Remarks	—					—					—				
MA8851 Engineering Mathematics -II	Dr. S. Revathi	IA Test	58	58	00	00	100	58	58	00	03	95	58	58	00	01	98
		Make up Test			—					—					—		
		Remarks	—					—					—				
PH8252 Physics for Information Science	Dr. P. Santhil kumar	IA Test	58	57	01	01	97	58	58	00	00	100	58	57	01	01	97
		Make up Test			—					—					—		
		Remarks	—					—					—				
Signature of QAC members with name			RS(P. Saravana Jothi)					RS(P. Saravana Jothi)					RS(P. Saravana Jothi)				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec	II / IV / A																Sem: EVEN				
																	Dept	CSE			
			Test I					Test II					Test III								
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8451	Dr. R. THILLAI -KARASI	IA Test	62	62	0	2	97	62	62	0	0	100	62	62	0	0	100
		Make up Test			—						—				—		
		Remarks			—					—					—		
CS8491	Mr. A.J. BARANI VIJAYAKUMAR	IA Test	62	62	0	0	100	62	62	0	2	97	62	62	0	1	98
		Make up Test			—					—					—		
		Remarks			—					—					—		
CS8492	MR. R. KARTHIK	IA Test	62	62	0	0	100	62	62	0	4	94	62	62	0	1	98
		Make up Test			—					—					—		
		Remarks			—					—					—		
Signature of QAC members with name			Dr. Lakshmi Kanthan N Dr. N. LAKSHMI KANTHAN.					Dr. Lakshmi Kanthan N Dr. N. Lakshmi. Kanthan					Dr. Lakshmi Kanthan N Dr. N. LAKSHMI KANTHAN				
Signature of HOD																	
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec	II / IV / A													Sem: EVEN				
														Dept		CSE		
			Test I					Test II						Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8493	Ms. A. MOHANA -PRIYA	IA Test	62	62	0	1	98	62	62	0	0	100		62	62	0	0	100
		Make up Test			—	—				—	—					—		
		Remarks	—					—						—				
CS8494	Mr. S. VENKATA SUBRAMANI -AN	IA Test	62	62	0	0	100	62	62	0	0	100		62	62	0	0	100
		Make up Test		—						—						—		
		Remarks	—					—						—				
MA8402	Dr. S. REVATHI	IA Test	62	62	0	2	97	62	62	0	0	100		62	62	0	0	100
		Make up Test			—					—						—		
		Remarks	—					—						—				
Signature of QAC members with name			Dr. Lakshmikanthan N Dr. N. LAKSHMIKANTHAN					Dr. Lakshmikanthan N Dr. N. LAKSHMIKANTHAN						Dr. Lakshmikanthan N Dr. N. LAKSHMIKANTHAN.				
Signature of HOD																		
QAC In-Charge			S.A.					S.A.						S.A.				
IQAC Co-ordinator																		
Principal																		

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec	IT / IV / B												Sem: ODD/ EVEN				
													Dept		CSE		
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8451	Dr. R. SENTHAMIL SELVI	IA Test	61	59	2	1	98	61	60	1	0	100	61	60	1	0	100
		Make up Test			—	—				—					—		
		Remarks	—					—					—				
CS8491	Dr. P.L. RAJESWARI	IA Test	61	59	2	3	95	61	59	2	0	100	61	60	1	0	100
		Make up Test			—					—					—		
		Remarks	—					—					—				
CS8492	Mr. D. Boobala MURALITHARAN	IA Test	61	59	2	1	98	61	60	1	0	100	61	60	1	1	98
		Make up Test			—					—					—		
		Remarks	—					—					—				
Signature of QAC members with name			Dr. Lakshmi Kanthan N Dr. N. LAKSHMI KANTHAN					Dr. Lakshmi Kanthan N Dr. N. LAKSHMI KANTHAN					Dr. Lakshmi Kanthan N Dr. N. LAKSHMI KANTHAN				
Signature of HOD																	
QAC In-Charge			S. A.					S. A.					S. A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Year/ Sem/Sec	II / IV / B															Sem: EVEN				
																Dept	CSE			
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8493	Mr.R.MOHAN KUMAR	IA Test	61	59	2	1	98	61	59	2	0	100	61	60	1	0	100
		Make up Test		—					—					—			
		Remarks		—					—					—			
CS8494	Dr.S.A. SAHAYA ARUL MARY	IA Test	61	60	1	0	100	61	60	1	0	100	61	60	1	0	100
		Make up Test			—					—					—		
		Remarks		—					—					—			
MA8402	Dr.S.ANUPRIYA	IA Test	61	59	2	10	83	61	59	2	0	100	61	60	1	0	100
		Make up Test			—					—					—		
		Remarks		—					—					—			
Signature of QAC members with name			Dr. Lakshmi Kanthan Dr.N.LAKSHMI KANTHAN					Dr. Lakshmi Kanthan Dr. N. LAKSHMI KANTHAN					Dr. Lakshmi Kanthan Dr. N. LAKSHMI KANTHAN				
Signature of HOD																	
QAC In-Charge			S.N.A.					S.N.A.					S.N.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21 EVEN

Sem: ~~ODD~~/ EVEN ✓

Year/ Sem/Sec	III / VI / A																			
					Test I					Test II					Dept	CSE	Test III			
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
CS8075	Mr. MOHAN KUMAR	IA Test	59	59	NIL	NIL	100	59	59	NIL	NIL	100	59	59	NIL	NIL	100			
		Make up Test			—					—					—					
		Remarks	—					—					—							
CS8601	Dr. MOHANA	IA Test	59	59	NIL	NIL	100	59	59	NIL	NIL	100	59	59	NIL	NIL	100			
		Make up Test			—					—					+					
		Remarks	—					—					—							
CS8602	Dr. THILLAIKARASI	IA Test	59	59	NIL	NIL	100	59	59	NIL	NIL	100	59	59	NIL	NIL	100			
		Make up Test			—					—					—					
		Remarks	—					—					—							
Signature of QAC members with name			T. Sathis Kumar Dr. T. SATHIS KUMAR					T. Sathis Kumar Dr. T. SATHIS KUMAR					T. Sathis Kumar Dr. T. SATHIS KUMAR							
Signature of HOD																				
QAC In-Charge			S. N. A					S. N. A					S. N. A							
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21 EVEN

Sem: ODD/ EVEN ✓

Year/ Sem/Sec	III / VI / A															Dept	CSE			
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8603	Dr. RAJARAJESWARI	IA Test	59	59	NIL	NIL	100	59	59	NIL	NIL	100	59	59	NIL	NIL	100
		Make up Test		—	—	—			—	—	—			—	—		
		Remarks	—					—					—				
CS8651	Ms. SATYA PARKAVI	IA Test	59	58	1	NIL	100	59	58	1	NIL	100	59	58	1	NIL	100
		Make up Test		—	—				—	—					—		
		Remarks	—					—					—				
CS8691	Mr. DINESH KUMAR	IA Test	59	59	NIL	NIL	100	59	59	NIL	1	98	59	59	NIL	NIL	100
		Make up Test		—	—				—	—					—		
		Remarks	—					—					—				
Signature of QAC members with name			T. Sathish Dr. T. SATHIS KUMAR					T. Sathish Dr. T. SATHIS KUMAR					T. Sathish Dr. T. SATHIS KUMAR				
Signature of HOD																	
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21 EVEN

Year/ Sem/Sec	III / VI / B															Sem: ~~III~~/ EVEN				
																Dept				
Subject Code	Name of faculty		Test I					Test II					Test III							
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8075	Dr. MOHANA	IA Test	56	56	NIL	NIL	100	56	56	NIL	NIL	100	56	56	NIL	NIL	100
		Make up Test			←	—				—	→			→			
		Remarks	—					—					—				
CS8601	Mr. ARUN PRASAD	IA Test	56	56	NIL	NIL	100	56	56	NIL	5	91	56	56	NIL	1	98
		Make up Test			→	←				←	—			→			
		Remarks	—					—					—				
CS8602	Dr. SENTHAMIL SELVI	IA Test	56	56	NIL	1	98	56	56	NIL	NIL	100	56	56	NIL	NIL	100
		Make up Test		→						←					←	→	
		Remarks	—					—					—				
Signature of QAC members with name			T. Sathish Kumar					T. Sathish Kumar					T. Sathish Kumar				
Signature of HOD																	
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21 EVEN

Year/ Sem/Sec	III / V / B														Sem: [illegible]/ EVEN				
															Dept				
			Test I					Test II					Test III						
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8603	Mr. BOOBALAN	IA Test	56	56	NIL	NIL	100	56	56	NIL	NIL	100	56	56	NIL	NIL	100
		Make up Test			—						—				—		
		Remarks	—					—					—				
CS8651	Mr. K.S. CHANDRA SEKARAN	IA Test	56	56	NIL	4	93	56	56	NIL	NIL	100	56	56	NIL	NIL	100
		Make up Test			—					—					—		
		Remarks	—					—					—				
CS8691	Dr. T. SATHIS KUMAR	IA Test	56	56	NIL	NIL	100	56	56	NIL	NIL	100	56	56	NIL	NIL	100
		Make up Test		—						—					—		
		Remarks	—					—					—				
Signature of QAC members with name			T. Sathis Kumar					T. Sathis Kumar					T. Sathis Kumar				
Signature of HOD																	
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21

Sem: ODD/ EVEN ✓

Year/ Sem/Sec	IV	VIII	B

Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8080	Mr. A.T. BARANI VIJAYAKUMAR	IA Test	59	59	-	-	100	59	59	-	-	100	59	59	-	-	100
		Make up Test			—					—					—		
		Remarks			—					—					—		
GE8076	Mr. K. S. CHANDRA-SEKARAN	IA Test	59	59	-	-	100	59	59	-	-	100	59	59	-	-	100
		Make up Test			—					—					—		
		Remarks			—					—					—		
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			Dr. N. LAKSHMI KANTHAN					Dr. N. LAKSHMI KANTHAN					Dr. N. LAKSHMI KANTHAN				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21 EVEN

Year/ Sem/Sec	IV / VIII / B																Sem: ODD/ EVEN				
																	Dept				
Subject Code	Name of faculty		Test I					Test II					Test III								
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS8080	Dr.T.SATHIS KUMAR	IA Test	59	59	NIL	NIL	100	59	59	NIL	NIL	100	59	59	NIL	NIL	100
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	—					—					—				
GE8076	Mr.VENKATA SUBRAMANIAN	IA Test	59	59	NIL	NIL	100	59	59	NIL	NIL	100	59	59	NIL	NIL	100
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	—					—					—				
-	-	IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			T. [signature] Dr.T.SATHISKUMAR					T. [signature] Dr.T.SATHISKUMAR					T. [signature] Dr.T.SATHISKUMAR				
Signature of HOD																	
QAC In-Charge			S.A [signature]					S.A [signature]					S.A [signature]				
IQAC Co-ordinator																	
Principal																	

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : III		Makeup Test : –	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : IV / VIII / B						
		IA Test	Makeup Test			
1	CS8080	201084, 201120				
2	GE8076	201005, 201020				
3						
4						
5						
6						

VERIFIED BY

1 T. Sathish 11/9/21
Dr. T. SATHIS KUMAR (CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : I	Makeup Test : –	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : IV / VIII / B					
		IA Test	Makeup Test		
1	CS8080	201075, 201120			
2	GE8076	201094, 201111			
3					
4					
5					
6					

VERIFIED BY

1 T. Sathish 11/9/21
CDR T. SATHISH KUMAR (CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE		DETAILS OF EXAMINATION IA TEST : I		Makeup Test : –	
Sl.No	**Subject Code**	**List of Batch Nos Verified**	**Subject Log book Verified [Y/N]**	**Assignments Verified [Y/N]**	**Remarks**
YEAR/SEM/SEC : IV / VIII / B					
		IA Test	**Makeup Test**		
1	CS8080	201085, 201087			
2	GE8076	201120, 201076			
3					
4					
5					
6					

VERIFIED BY

1 T. Satish 11/9/21 (Dr T. SATHIS KUMAR / CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 (20-21) EVEN SEMESTER

NAME OF THE DEPARTMENT	CSE - IV - A	DETAILS OF EXAMINATION	IA TEST : III	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8080	221029, 221033			
2	GE8076	201048, 201049			
3					
4					
5					
6					

VERIFIED BY

1 Dr. Lakshmi Ramanan

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT	CSE-IV-A	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8080	221016, 221035			
2	CHE8076	201016, 201033			
3					
4					
5					
6					

VERIFIED BY

1 Dr. Lakshmanan N

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT	CSE-IV-A	DETAILS OF EXAMINATION	IA TEST : 1	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8080	221029, 221033			
2	GE8076	201010, 201024.			
3					
4					
5					
6					

VERIFIED BY

1 Dr. [illegible]

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE	DETAILS OF EXAMINATION IA TEST : III	Makeup Test : –

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III / VI / B					
		IA Test	Makeup Test		
1	CS8075	211104, 211088			
2	CS8601	211078, 211118			
3	CS8602	211104, 211106			
4	CS8603	211100, 211090			
5	CS8651	211113, 211085			
6	CS8691	211107, 211106			

VERIFIED BY

1 T. [signature] 1/9/21
(Dr.T.SARAVANA KUMAR/CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : I		Makeup Test : –
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III / VI / B					
		IA Test	Makeup Test		
1	CS8075	211106, 211081			
2	CS8601	211062, 211077			
3	CS8602	211104, 211106			
4	CS8603	211115, 211105			
5	CS8651	211071, 211082			
6	CS8691	211107, 211104			

VERIFIED BY

1 T. Rathish 11/9/21 (Dr.T.SATHIS KUMAR / CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : I		Makeup Test : -
Sl.No	**Subject Code**	**List of Batch Nos Verified**	**Subject Log book Verified [Y/N]**	**Assignments Verified [Y/N]**	**Remarks**
YEAR/SEM/SEC : III / VI / B					
		IA Test	**Makeup Test**		
1	CS8075	211063, 211093			
2	CS8601	211063, 211079			
3	CS8602	211080, 211015			
4	CS8603	211085, 21124			
5	CS8651	211078, 211063			
6	CS8691	21110H, 211106			

VERIFIED BY

1 T. [signature] 19/21 (DR T. SATHISHKUMAR/CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

[signature]

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : II Makeup Test : -			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : IV / VII / A						
		IA Test	Makeup Test			
1	CS8075	211025, 211014				
2	CS8601	211023, 211052				
3	CS8602	211010, 211030				
4	CS8603	211019, 211044				
5	CS8651	211021, 211056				
6	CS8691	211025, 211032				

VERIFIED BY

1 T. Sathishkumar 1/9/21 (Dr. T. SATHISKUMAR / CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : II		Makeup Test : _
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III/VI/A					
		IA Test	Makeup Test		
1	CS8075	211021, 211041			
2	CS8601	211007, 211048			
3	CS8602	211043, 211048			
4	CS8603	211033, 211030			
5	CS8651	211049, 211002			
6	CS8691	211025, 211022			

VERIFIED BY

1 S. Karthik 1/9/21 (Dr.T.SATHIS KUMAR (CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : I		Makeup Test : -
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III / VI / A					
		IA Test	Makeup Test		
1	CS8075	211009, 211037			
2	CS8601	211001, 211013			
3	CS8602	211017, 211015			
4	CS8603	211016, 211035			
5	CS8651	211007, 211022			
6	CS8691	211038, 211009			

VERIFIED BY

1 T. [illegible] 11/9/21 (Dr.T.SATHIS KUMAR/CSE)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE. II. B			DETAILS OF EXAMINATION IA TEST : III Makeup Test :			
Sl.No	**Subject Code**	**List of Batch Nos Verified**	**Subject Log book Verified [Y/N]**	**Assignments Verified [Y/N]**	**Remarks**	
YEAR/SEM/SEC :						
		IA Test	**Makeup Test**			
1	CS8451	221062, 221066				
2	CS8491	221074, 221066.				
3	CS8492	221066, 221081				
4	CS8493	221074, 221062				
5	CS8494	221014, 221081				
6	MA8402	221109, 221081				

VERIFIED BY

1 Dr. Lavanya

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT	CSE II-B	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8451	221066, 221062			
2	CS8491	221084, 221080			
3	CS8492	221067, 221108			
4	CS8493	221107, 221090			
5	CS8494	221101, 221109			
6	MA8402	221085, 221063			

VERIFIED BY

1 Dr. Lakshmanan

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT	CSE II-B	DETAILS OF EXAMINATION	IA TEST : 1	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8451	221074, 221099			
2	CS8491	221084, 221080			
3	CS8492	221083, 221109			
4	CS8493	221101, 221062			
5	CS8494	221014, 221001			
6	MA8402	221073, 221098			

VERIFIED BY

1 Dr. Lakshmi

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER 18-21

NAME OF THE DEPARTMENT	CSE - II - A	DETAILS OF EXAMINATION	IA TEST : III	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8451	221001, 221037			
2	CS8491	221016, 221027			
3	CS8492	221060, 221030			
4	CS8493	221005, 221020			
5	CS8494	221053, 221023.			
6	MA8402	221009, 221001.	-	-	

VERIFIED BY

1 Dr. Lakshmanan N

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2019-2020 EVEN SEMESTER

NAME OF THE DEPARTMENT	CSE - II - A	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8451	221049, 221034			
2	CS8491	221011, 221023			
3	CS8492	221025, 221041			
4	CS8493	221025, 221051			
5	CS8494	221004, 221014			
6	MAB402	221035, 221044	–		

VERIFIED BY

1 Dr. Lokeshwaran. N

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER 20-21

NAME OF THE DEPARTMENT	CSE - II - A	DETAILS OF EXAMINATION	IA TEST : I	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	CS8451	221046, 221042			
2	CS8491	221020, 221043			
3	CS8492	221034, 221054			
4	CS8493	221013, 221023			
5	CS8494	221020, 221034			
6	MA8402	221011, 221026	-		

VERIFIED BY

1 Dr. Lavanya

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE			DETAILS OF EXAMINATION IA TEST : 3 Makeup Test :		
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	BE8255	231088, 231068	-	-	-
2	CS8251	231097, 231086	-	-	-
3	GE8291	231062, 231064	-	-	-
4	HS8251	231078, 231064	-	-	-
5	MA8251	231075, 231118	-	-	-
6	PH8252	231065, 231008			

VERIFIED BY

1 RS 21/4/21 (P. Saravana Devi)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE 'B'			DETAILS OF EXAMINATION IA TEST : 2 Makeup Test :		
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III / CSE 'B'					
		IA Test	Makeup Test		
1	BE8255	231098, 231104			
2	CS8351	231064, 231079			
3	GE8291	231068, 231078			
4	HS8251	231105, 231112			
5	MA8251	231062, 231068			
6	PH8252	231104, 231061			

VERIFIED BY

1 NB 2/9/21 (P. Saravana Jain)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE 'B'		DETAILS OF EXAMINATION IA TEST : 1 Makeup Test :			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II | IV | CSE 'B'					
		IA Test	Makeup Test		
1	BE8855	231068, 231100	—		
2	CS8851	231065, 231101	—		
3	GE8891	231076, 231079	—		
4	HS8851	231066, 231[illegible]	—		
5	MA8851	231099, 231062	—		
6	PH8852	231069, 231102	—		

VERIFIED BY

1 21/9/21 (P. Saravana Devi)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE 'A'		DETAILS OF EXAMINATION IA TEST : 3			Makeup Test :
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	BE8255	831014, 831019			
2	CS8851	831025, 831004			
3	GE8291	831008, 831055			
4	HS8251	831003, 831011			
5	MA8251	831028, 831050			
6	PH8252	831028, 831036			

VERIFIED BY

1 2/9/21 (P. Saravana Devi)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT CSE 'A'			DETAILS OF EXAMINATION IA TEST : 2 Makeup Test :		
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	BE8255	231057, 231036			
2	CS8851	231059, 221011			
3	GE8291	231011, 213043			
4	HS8251	231009, 231032			
5	MA8251	231019, 231024			
6	PH8252	231014, 231057			

VERIFIED BY

1 NS 2/9/21 (P. Saravana Devi)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT : CSE 'A'		DETAILS OF EXAMINATION IA TEST : I		Makeup Test :	

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :	I/II	CSE 'A'			
		IA Test	Makeup Test		
1	BE8255	231008, 231038	—	—	—
2	CS8251	231032, 231030	—	—	—
3	GE8291	231018, 231025	—	—	—
4	HS8251	231018, 231014	—	—	—
5	MA8051	231011, 231028	—	—	—
6	PH8252	231045, 231019	—	—	—

VERIFIED BY

1 11/3/21 (P. Saravana Devi)

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPPALLI - 12

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK REPORT DURING THE MONTH OF DEC 2020

S.no	staffcode	branch /Sem	No. participated	**Subject Code /Title**	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students ?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	**Total Out of**
Weigtage					**15.0**	**15.0**	**8.0**	**12.0**	**12.0**	**12.0**	**4.0**	**6.0**	**8.0**	**8.0**	**100**
1	mohanapriya-cse	CSE-A/3	58	CS8351/Digital Principles And System Design	14.74	13.29	7.31	11.79	8.52	8.94	2.99	4.78	6.18	6.32	84.87
2	karthik-cse	CSE-A/3	58	CS8391/Data Structures	14.90	14.33	7.50	11.88	9.23	9.97	3.41	5.21	6.76	6.23	89.42
3	mohana-cse	CSE-A/3	58	CS8392/Object Oriented Programming	14.84	13.71	6.90	11.71	9.52	9.35	3.02	4.57	6.21	6.26	86.09
4	thillai-cse	CSE-A/5	52	CS8501/Theory Of Computation	14.71	13.33	7.08	11.72	7.48	8.40	2.85	4.38	5.82	6.15	81.92
5	mohankumar-cse	CSE-A/5	52	CS8591/Computer Networks	14.83	14.02	7.08	11.40	9.65	9.51	2.75	4.85	6.65	6.65	87.37
6	mary-cse	CSE-A/5	52	CS8592/Object Oriented Analysis And Design	15.00	14.83	7.82	11.86	7.62	8.26	2.75	4.29	5.82	5.75	84.00

HOD/CSE

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7	chandrasekaran-cse	CSE-A/5	52	OEC552/Soft Computing	14.77	14.42	8.40	11.40	7.94	9.97	3.40	4.41	6.83	4.77	86.31
8	rajarajeswari-cse	CSE-A/7	52	CS8083/Multi Core Architecture	14.71	13.96	6.98	11.40	8.49	8.40	2.89	4.50	6.12	6.09	83.56
9	karthik-cse	CSE-A/7	52	CS8091/Big Data Analytics	14.65	14.48	7.29	11.40	8.26	9.23	2.95	4.73	6.46	6.09	85.56
10	senthamilselvi-cse	CSE-A/7	52	CS8791/Cloud Computing	15.00	14.19	7.57	11.86	9.23	9.78	3.31	4.78	6.55	6.65	88.92
11	veeyes	CSE-A/7	52	CS8792/Cryptography And Network Security	14.83	13.27	6.95	11.63	7.71	8.49	2.77	4.48	5.82	6.52	82.47
12	chandrasekaran-cse	CSE-A/7	52	MG8591/Principles Of Management	14.83	14.02	7.29	11.49	8.26	9.37	2.92	4.75	6.46	6.12	85.52
13	barani-cse	CSE-B/3	54	CS8351/Digital Principles And System Design	14.83	14.06	7.50	11.82	8.89	9.64	3.42	5.04	6.64	6.76	88.60
14	rajarajeswari-cse	CSE-B/3	55	CS8391/Data Structures	15.00	14.40	7.33	11.74	9.29	9.73	3.23	5.04	6.89	6.89	89.55
15	mohana-cse	CSE-B/3	54	CS8392/Object Oriented Programming	15.00	14.89	7.73	12.00	11.24	11.38	3.60	5.60	7.44	7.35	96.23
16	senthamilselvi-cse	CSE-B/5	55	CS8501/Theory Of Computation	14.89	14.02	7.21	11.52	6.81	8.47	2.53	4.32	5.67	5.93	81.37
17	veeyes	CSE-B/5	55	CS8591/Computer Networks	15.00	14.40	7.74	12.00	9.86	9.99	3.35	4.95	6.89	6.78	90.96

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TRICHY - 12

HOD/CSE

18	boobala-cse	CSE-B/5	55	CS8592/Object Oriented Analysis And Design	15.00	14.78	7.71	11.96	7.85	8.42	2.65	4.80	6.52	6.69	86.38
19	kavitha-cse	CSE-B/5	55	OEC552/Soft Computing	15.00	14.18	7.68	11.74	9.86	9.99	3.64	5.21	7.01	6.72	91.04
20	kavitha-cse	CSE-B/7	55	CS8083/Multi Core Architecture	14.56	13.42	6.81	11.43	8.64	8.73	2.60	4.21	5.79	6.05	82.24
21	arunprasad-cse	CSE-B/7	55	CS8091/Big Data Analytics	15.00	14.51	7.59	12.00	9.69	9.73	3.30	5.00	6.52	6.37	89.71
22	thillai-cse	CSE-B/7	55	CS8792/Cryptography And Network Security	14.51	13.58	7.13	11.43	8.20	8.12	2.75	4.41	5.82	5.91	81.85
23	dineshkumar-cse	CSE-B/7	55	MG8591/Principles Of Management	14.62	13.96	6.89	11.21	7.33	8.33	2.52	4.41	6.08	6.31	81.67
24	barani-cse	ECE-A/3	54	EC8393/Fundamentals Of Data Structures In C	14.06	11.67	6.61	11.02	9.29	9.24	3.42	5.22	6.93	6.13	83.60
25	sathiskumar-cse	ECE-B/3	55	EC8393/Fundamentals Of Data Structures In C	14.07	11.35	6.28	10.34	7.99	8.95	3.01	4.84	6.49	5.56	78.87
26	boobala-cse	EEE-A/5	58	CS8392/Object Oriented Programming	15.00	13.81	7.56	11.92	10.30	10.59	3.56	5.38	7.42	7.17	92.71
27	sathiskumar-cse	EEE-A/7	56	OCS752/Introduction To C Programming	14.14	10.23	6.80	11.23	8.79	8.14	2.69	4.54	5.17	5.43	77.16
28	arunprasad-cse	EEE-B/5	53	CS8392/Object Oriented Programming	14.38	10.81	6.64	11.41	6.88	7.83	2.70	4.23	6.13	6.01	77.03

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29	parkavi-cse	EEE-B/7	59	OCS752/Introduction To C Programming	14.95	12.46	7.32	11.92	9.84	9.76	2.75	4.82	6.02	6.21	86.06
30	karthik-cse	SEM-1-A/1	55	GE8151/Problem Solving And Python Programming	14.67	13.36	7.13	11.65	10.43	10.60	3.43	5.32	7.19	7.36	91.15
31	parkavi-cse	SEM-1-C/1	56	GE8151/Problem Solving And Python Programming	14.57	12.86	6.91	11.44	10.24	10.29	3.44	5.14	6.94	7.03	88.87
32	mohankumar-cse	SEM-1-E/1	54	GE8151/Problem Solving And Python Programming	14.83	13.67	6.81	11.51	10.40	9.96	3.33	5.31	7.14	7.29	90.26
33	dineshkumar-cse	SEM-1-G/1	51	GE8151/Problem Solving And Python Programming	14.76	13.59	7.12	11.48	9.93	10.45	3.59	5.27	6.96	7.22	90.38
34	arunprasad-cse	SEM-1-H/1	54	GE8151/Problem Solving And Python Programming	14.56	13.94	6.93	11.51	10.36	10.80	3.44	5.47	7.20	7.23	91.43





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Tiruchirappalli - 12

Department of Computer Science and Engineering

Action Taken Report

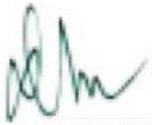
SEMESTER : 2020-2021 ODD

ACADEMIC YEAR: 2020-2021

The Students feedback about the feedback for the subjects handled by them during this semester is attached above. Based on the above , It was observed that none of the faculty members got below 75%. These teachers were communicated about their feedback and were advised to take more efforts to improve their performance by the Principal.



Dr.S.A.SahaayaArulMary
HOD/CSE



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TRICHY - 12

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (CSE)**
Subject Code : **CS8451** NBA Code : **C213** Title **DESIGN AND ANALYSIS OF ALGORITHMS**
Faculty: Dr.R.Thillaikarasi / Dr.R.Senthamil Selvi

Cos	CO Description	Attained Level	%
C213.1	Design algorithms for various computing problems and analyze the time and space complexity	2.98	99.33
C213.2	Design algorithm for problems using Brute Force technique & Analyze it	2.02	67.33
C213.3	Design algorithm for problems using Divide & Conquer technique & Analyze it	2.98	99.33
C213.4	Design algorithm for problems using Dynamic Programming, Greedy techniques & Analyze it	2.98	99.33
C213.5	Design algorithms for problems based on iterative improvement	2.21	73.67
C213.6	Design algorithm for problems using back tracking, branch and bound techniques. Design approximate algorithms for NP-Hard Problems	2.98	99.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 123

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
221001	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221002	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221003	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221004	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221005	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221006	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221007	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221008	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221009	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221010	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221011	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221013	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221014	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221015	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221016	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221017	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221018	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221019	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4

221020	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221021	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221022	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221023	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221024	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221025	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221026	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221027	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221028	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221029	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221030	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221031	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221032	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221033	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221034	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221035	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221036	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221037	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221038	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221039	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221040	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221041	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221042	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221043	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221044	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221045	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221046	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221047	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221048	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221049	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221050	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221051	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221052	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221053	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221054	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221055	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221056	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221057	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221058	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4

221059	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221060	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221061	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221062	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221063	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221064	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221065	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221066	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221067	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221068	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221069	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221070	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221071	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221072	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221073	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221074	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221075	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221076	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221077	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221078	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221079	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221080	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221081	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221082	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221083	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221084	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221085	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221086	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221087	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221088	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221089	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221090	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221091	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221092	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221093	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221094	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221095	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221096	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221097	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4

221098	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221099	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221100	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221101	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221102	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221103	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221104	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221105	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221106	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221107	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221108	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221109	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221110	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221111	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221112	CS8451	3	2	3	3	3	3	27/08/2021	CSE	4
221113	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221114	CS8451	2	3	2	2	2	2	27/08/2021	CSE	4
221115	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221116	CS8451	2	3	2	2	2	2	27/08/2021	CSE	4
221117	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221118	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221119	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221120	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221121	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221122	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221123	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
221124	CS8451	3	2	3	3	2	3	27/08/2021	CSE	4
Attained Level		2.98	2.02	2.98	2.98	2.21	2.98			
%		99.33	67.33	99.33	99.33	73.67	99.33			

Dr.R.Thillaikarasi
Professor/CSE

Dr.R.SenthamilSelvi
ASP/CSE

PRINCIPAL
Sriranthan College of Engineering
TRICHY - 12

Dr.S.A.SahaayaArulMary
HOD/CSE

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

ECE Department Academic Planner for ODD semester(2020-21 ODD) - UG

JUNE'20	DAY	DETAILS	DAY order	working days	JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	MON				01	WED	Webinar on Sparce Modelling of Image Content			01	SAT	Holiday			01	TUE	Holiday	IV	14	01	THU		IV	37	01	SUN	Holiday			01	TUE	
02	TUE				02	THU				02	SUN	Holiday			02	WED		V	15	02	FRI	Gandhi			02	MON	IA test -3	I	59	02	WED	
03	WED				03	FRI				03	MON				03	THU		I	16	03	SAT	Holiday			03	TUE	IA test -3	II	60	03	THU	
04	THU				04	SAT	Holiday			04	TUE				04	FRI		II	17	04	SUN	Holiday			04	WED	IA test -3	III	61	04	FRI	
05	FRI				05	SUN	Holiday			05	WED	NI USRP FDP			05	SAT	Teachers day			05	MON	IA test - 2	V	38	05	THU	INTERNATIONAL CONFERENCE ON CUTTING EDGE TECHNOLOGIES	V	62	05	SAT	Holiday
06	SAT	Areas to focus on Job perspectives post COVID19- webinar			06	MON				06	THU				06	SUN	Holiday			06	TUE	IA test - 2	I	39	06	FRI		I	63	06	SUN	Holiday
07	SUN				07	TUE				07	FRI				07	MON		III	18	07	WED	IA test - 2	II	40	07	SAT	Holiday			07	MON	
08	MON				08	WED				08	SAT	Holiday			08	TUE		IV	19	08	THU		III	41	08	SUN	Holiday			08	TUE	
09	TUE				09	THU				09	SUN	Holiday			09	WED		V	20	09	FRI		IV	42	09	MON		II	64	09	WED	
10	WED	IMAGE PROCESSING GOOGLE COLAB STUDENT WORKSHOP			10	FRI				10	MON	NI USRP FDP			10	THU		I	21	10	SAT		V	43	10	TUE	revison	III	65	10	THU	
11	THU				11	SAT	Holiday			11	TUE				11	FRI	IA test - 1	I	22	11	SUN	Holiday			11	WED	revison	IV	66	11	FRI	
12	FRI				12	SUN	Holiday			12	WED				12	SAT	IA test - 1	II	23	12	MON		I	44	12	THU	Syllabus Completion	V	67	12	SAT	Holiday
13	SAT				13	MON				13	THU		I	1	13	SUN	Holiday			13	TUE		II	45	13	FRI				13	SUN	Holiday
14	SUN				14	TUE				14	FRI		II	2	14	MON	IA test - 1		24	14	WED		III	46	14	SAT	Holiday			14	MON	
15	MON				15	WED				15	SAT	Avani Avitam , Independence Day			15	TUE	Engineers day	II	25	15	THU		IV	47	15	SUN	Holiday			15	TUE	
16	TUE				16	THU				16	SUN	Holiday			16	WED		III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	WED				17	FRI				17	MON		III	3	17	THU		IV	27	17	SAT	Holiday			17	TUE				17	THU	University Practical Exam(online)
18	THU				18	SAT	Holiday			18	TUE		IV	4	18	FRI		V	28	17	SUN	Holiday			17	WED				18	FRI	
19	FRI				19	SUN	Holiday			19	WED		V	5	19	SAT	Holiday			19	MON		I	49	19	THU				19	SAT	Holiday
20	SAT				20	MON	VLSI FDP			20	THU		I	6	20	SUN	Holiday			20	TUE		II	50	20	FRI				20	SUN	Holiday
21	SUN				21	TUE				21	FRI		II	7	21	MON		I	29	21	WED		III	51	21	SAT	Holiday			21	MON	
22	MON				22	WED				22	SAT	Ganesh Chaturthi			22	TUE		II	30	22	THU		IV	52	22	SUN	Holiday			22	TUE	
23	TUE				23	THU				23	SUN	Holiday			23	WED		III	31	22	FRI		V	53	22	MON	Students' Feedback			23	WED	
24	WED				24	FRI				24	MON		III	8	24	THU		IV	32	24	SAT	Holiday			24	TUE				24	THU	
24	THU				24	SAT	Holiday			25	TUE		IV	9	25	FRI	Students' Feedback	V	33	25	SUN	Ayudha poojai			25	WED				24	FRI	
25	FRI				25	SUN	Holiday			26	WED		V	10	26	SAT	Holiday			26	MON	Vijayadha sami			26	THU				25	SAT	Holiday
26	SAT				26	MON	WIRELESS COMMUNICATION FDP			27	THU		I	11	27	SUN	Holiday			27	TUE		I	54	27	FRI				26	SUN	Holiday
27	SUN				27	TUE				28	FRI		II	12	28	MON		I	34	28	WED		II	55	28	SAT	Holiday			27	MON	
28	MON				28	WED				29	SAT	Holiday			29	TUE		II	35	29	THU		III	56	29	SUN	Holiday			28	TUE	
29	TUE				29	THU				30	SUN	Holiday			30	WED		III	36	29	FRI		IV	57	29	MON				29	WED	
					30	FRI				30	MON		III	13						30	SAT		V	58						30	THU	
No. of Working days					No. of Working days									13					23					22				9			

Total No. of working days for the semester : 67

Dr. M. SANTHI, B.E., M.E., Ph.D
PROFESSOR & HEAD (ECE)
SARANATHAN COLLEGE OF ENGG
PANJAPALLI - 620 012

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

Department of Electronics and Communication Engineering

SUBJECT-ALLOCATION FOR THE ACADEMIC YEAR 2020-2021(EVEN)

S.NO.	NAME	SUBJECT CODE	SUBJECT	YEAR/SEM/SEC	THEORY /LAB	TOTAL HOURS
1	Dr.M.Santhi, Professor & Head	EC8095	VLSI Design	III ECE/VI/B	THEORY	3
		EC8611	Technical Seminar	III ECE/VI/B	LAB	
2	Dr. C.Vennila, Professor	EC8095	VLSI Design	III ECE/VI/A	THEORY	3
		EC8611	Technical Seminar	III ECE/VI/A	LAB	
		EC8661	VLSI Design LAB	III ECE /VI/A	LAB	
		EC8811	Project Work	IV ECE/A	LAB	
3	Dr.M.Padmaa , Professor	EC8452	Electronic Circuits II	II ECE/IV/B	THEORY	3
		EC8491	Communication Theory	II ECE/IV/A	THEORY	3
		EC8461	Circuits Design and Simulation LAB	II/ ECE/ IV / B	LAB	
		EC8811	Project Work	IV ECE/B	LAB	
4	Dr.S.A.Arunmozhi, Associate Prof.	GE8076	Professional Ethics (Professional Elective IV)	IV ECE/VIII/B	THEORY	4
		EC8004	Wireless networks (Professional Elective II)	III ECE/VI/B	THEORY	3
		CP5281	Term Paper Writing and Technical Seminar	II ME CS/II SEM	LAB	
		EE8461	Linear and Digital Integrated circuits LAB	II EEE/IV/A	LAB	
5	Dr.S.Rajeswari, Associate Prof.	GE8076	Professional Ethics (Professional Elective IV)	IV ECE/VIII/A	THEORY	4
		EC8004	Wireless networks (Professional Elective II)	III ECE/VI/A	THEORY	3
		EC8462	Linear integrated circuits LAB	II ECE/IV/A	LAB	
6	Dr.V.Mohan, Associate Prof.	EC8451	Electromagnetic Field	II ECE/IV/B	THEORY	4
		CU5096	Pattern Recognition and Machine Learning (Professional Elective IV)	II ME CS/II SEM	THEORY	3
		EC8462	Linear integrated circuits LAB	II ECE/IV/B	LAB	
		CU5411	Project Work	II ME/CS/IV SEM	LAB	
7	Dr.P.Shanmuga Priya, Associate Prof.	EC8451	Electromagnetic Field	II ECE/IV/A	THEORY	4
		EC8651	Transmission lines and RF systems	III ECE/VI/A	THEORY	4
		EE8461	Linear and Digital Integrated circuits LAB	II EEE/IV/B	LAB	
8	Dr.M.Baritha Begum, Associate Prof.	EC8651	Transmission lines and RF systems	III ECE/VI/B	THEORY	4
		CU5201	MIC and RF System Design	II ME CS/II SEM	THEORY	3
		EC8681	Microprocessor and Microcontroller LAB	III ECE/VI/B	LAB	
9	Mr.S.Hariprasath, Asst. Prof.	EC8252	Electronic Devices	I ECE/II/A	THEORY	3
		EC8094	Satellite communication (Professional Elective V)	IV ECE/VIII/B	THEORY	4
		EC8661	VLSI Design LAB	III ECE/VI/B	LAB	
		EC8261	Circuits and Devices LAB	I ECE/II/A	LAB	
		GE8261	Engineering Practices LAB	I MECH/II/A	LAB	
10	Mr.K.Malaisamy, Asst. Prof.	EC8395	Communication Engineering	II ICE/IV	THEORY	4
		EC8691	Microprocessor and Microcontroller	III ECE/VI/B	THEORY	3
		EC8681	Microprocessor and Microcontroller LAB	III ECE/VI/B	LAB	
		GE8261	Engineering Practices LAB	I MECH/II/A	LAB	

11	Ms P.Sivagama Sundari, Asst. Prof.	EC8094	Satellite communication (Professional Elective V)	IV ECE/VIII/A	THEORY	4
		EC8251	Circuit Analysis	I ECE/II/B	THEORY	4
		EC8661	VLSI Design LAB	III ECE/VI/B	LAB	
		EC8261	Circuits and Devices LAB	I ECE/II/B	LAB	
		GE8261	Engineering Practices LAB	I IT/II	LAB	
12	Ms.J. Eindhumathy, Asst Prof.	EC8453	Linear Integrated circuits	II/ ECE/ IV / B	THEORY	3
		EC8252	Electronic Devices	I ECE/II/B	THEORY	3
		EC8661	VLSI Design LAB	III ECE/VI/A	LAB	
		EC8261	Circuits and Devices LAB	I ECE/II/B	LAB	
		GE8261	Engineering Practices LAB	I IT/II	LAB	
13	Ms. A. Shamim Banu, Asst. Prof.	EC8251	Circuit Analysis	I ECE/II/A	THEORY	4
		EC8452	Electronic Circuits II	II ECE/ IV/A	THEORY	3
		EC8461	Circuits Design and Simulation LAB	II/ ECE/ IV / A	LAB	
		EC8261	Circuits and Devices LAB	I ECE/II/A	LAB	
		GE8261	Engineering Practices LAB	I ECE/II/B	LAB	
14	Mr.M.Mahendran, Asst. Prof.	EC8652	Wireless Communication	III ECE/VI/A	THEORY	3
		CU5071	Digital Communication Receivers (Professional Elective II)	II ME CS/II SEM	THEORY	3
		EC8461	Circuits Design and Simulation LAB	II/ ECE/ IV / A	LAB	
		EE8681	Microprocessor and Microcontroller LAB	III EEE/VI/B	LAB	
		GE8261	Engineering Practices LAB	I MECH/II/B	LAB	
15	Mr.G.Sivakannu, Asst. Prof.	EC8652	Wireless Communication	III ECE/VI/B	THEORY	3
		CU5291	Advanced Wireless Communication Systems	II ME CS/II SEM	THEORY	3
		EC8462	Linear integrated circuits LAB	II ECE/IV/B	LAB	
		EE8681	Microprocessor and Microcontroller LAB	III EEE/VI/A	LAB	
		GE8261	Engineering Practices LAB	I MECH/II/B	LAB	
16	Ms.V.Ramya, Asst. Prof.	EC8691	Microprocessor and Microcontroller	III ECE/VI/A	THEORY	4
		EC8681	Microprocessor and Microcontroller LAB	III ECE/VI/A	LAB	
		GE8261	Engineering Practices LAB	I ECE/II/B	LAB	
		GE8261	Engineering Practices LAB	I ECE/II/A	LAB	
17	Ms..M.Anthuvan Lydia, Asst. Prof.	EC8491	Communication Theory	II/ ECE/ IV / B	THEORY	3
		CU5292	Electromagnetic Interference and Compatibility	II ME CS/II SEM	THEORY	3
		EC8461	Circuits Design and Simulation LAB	II/ ECE/ IV / B	LAB	
		EE8681	Microprocessor and Microcontroller LAB	III EEE/VI/A	LAB	
		GE8261	Engineering Practices LAB	I ECE/II/A	LAB	
18	Mr.V.Koushick, Asst. Prof.	EE8451	Linear Integrated Circuits and Applications	II EEE/ IV/ B	THEORY	3
		CP5096	Speech Processing and Synthesis (professional Elective III)	II ME CS/II SEM	THEORY	3
		EE8461	Linear and Digital Integrated circuits LAB	II EEE/IV/B	LAB	
		EE8681	Microprocessor and Microcontroller LAB	III EEE/VI/B	LAB	
		GE8261	Engineering Practices LAB	I CIVIL/II	LAB	
19	Ms..R.Vaishnavi, Asst. Prof.	EC8453	Linear Integrated circuits	II/ ECE/ IV / A	THEORY	3
		EC8462	Linear integrated circuits LAB	II ECE/IV/A	LAB	
		EC8681	Microprocessor and Microcontroller LAB	III ECE/VI/A	LAB	
20	Mr.SD.Sairam, Asst. Prof.	EE8451	Linear Integrated Circuits and Applications	II EEE/ IV/ A	THEORY	3
		CU5211	RF System Design Lab	II ME CS/II SEM	LAB	
		EE8461	Linear and Digital Integrated circuits LAB	II EEE/IV/A	LAB	
		GE8261	Engineering Practices LAB	I CIVIL/II	LAB	

17/2/21

HoD/ECE

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

Department of Electronics and Communication Engineering

WORKLOAD -ALLOCATION FOR THE ACADEMIC YEAR 2020-2021(ODD)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/LAB	HOURS	TOTAL HOURS
1	Dr.M.Santhi, HOD	Digital Electronics	EC8392	II / III ECE A	THEORY	5	9
		Multimedia Compression Technique	MU5091	II / IIIME (CS)	THEORY	4	
2	Dr. C.Vennila, Prof.	Control Systems Engineering	EC8391	II / III ECE A	THEORY	5	19
		Cognitive Radio	EC8071	IV/VII ECE B	THEORY	5	
		Advanced communication Systems lab	EC8761	IV/VII ECE B	LAB	6	
		Analog and Digital circuits lab	EC8361	II / III ECE A	LAB	3	
3	Dr.M.Padmaa , Prof.	Digital Electronics	EC8392	II / III ECE B	THEORY	5	19
		Transducer Engineering	OIC751	IV/VII ECE B	THEORY	5	
		Analog and Digital circuits lab	EC8361	II / III ECE B	LAB	6	
		DSP Lab	EC8562	III/V ECE B	LAB	3	
4	Dr.S.A.Arunmozhi, Associate Prof.	Adhoc and Wireless sensor network	EC8702	IV /VII ECE B	THEORY	5	20
		Communication Networks	EC8551	III/V ECE B	THEORY	5	
		Communication Networks lab	EC8563	III/V ECE B	LAB	6	
		Communication Systems Lab	CU5161	I/I M.E (CS)	LAB	4	
5	Dr.S.Rajeswari, Associate Prof.	Adhoc and Wireless sensor network	EC8702	IV /VII ECE A	THEORY	5	19
		Digital Communication	EC8501	III/V ECE A	THEORY	5	
		Communication system Lab	EC8561	III/V ECE A	LAB	6	
		Analog and Digital circuits lab	EC8361	II / III ECE A	LAB	3	
6	Dr.V.Mohan , Associate Prof.	Advanced Digital Signal Processing	AP5152	I / I ME (CS)	THEORY	5	20
		Signals and Systems	EC8352	II / III ECE B	THEORY	5	
		Digital Systems Lab	CS8382	II / III IT	LAB	6	
		Training and Placement	T&P		THEORY	4	
		M.E. Project Coordinator	CU5311	II/III ME(CS)			
7	Dr.P.Shanmuga Priya, Associate Prof.	Discrete time signal processing	EC8553	III/V ECE A	THEORY	5	19
		Antennas and Microwave Engineering	EC8701	IV/VII ECE A	THEORY	5	
		Digital Signal processing Lab	EC8562	III/V ECE A	LAB	6	
		Digital Signal processing Lab	CS8382	III/V ECE B	LAB	3	
8	Dr.M.Baritha Begum, Asst. Prof.	Electronic Circuits I	EC8351	II / III ECE B	THEORY	5	22
		Digital Communication	EC8501	III/V ECE B	THEORY	5	
		Communication system lab	EC8561	III/V ECE B	LAB	6	
		Digital Signal processing Lab	EC8562	III/V ECE A	LAB	6	

9	Mr.S.Hariprasath, Asst. Prof.	Electronic Circuits I	EC8351	II / III ECE A	THEORY	5	22
		Digital Image Processing	EC8093	IV/VII ICE	THEORY	5	
		Analog and Digital circuits lab	EC8361	II/III ECE A	LAB	6	
		Communication system Lab	EC8561	III/V ECE B	LAB	6	
10	Ms. A. Shamim Banu, Asst. Prof.	Optical Communication	EC8751	IV/VII ECE B	THEORY	5	19
		Advanced communication Systems lab	EC8761	IV/VII ECE B	LAB	6	
		Advanced Digital Communication Techniques	CU5151	I / I ME (CS)	THEORY	4	
		Communication Network Security	CU5161	II / III ME (CS)	THEORY	4	
11	Mr.K.Malaisamy, Asst. Prof.	Microprocessor and microcontroller	EE8551	III / V ICE	THEORY	5	22
		Optical Communication	EC8751	IV/VII ECE A	THEORY	5	
		Microprocessor and microcontroller lab	EE8681	III/V ICE	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III/ V IT	LAB	6	
12	Ms P.Sivagama Sundari, Asst. Prof.	Communication Engineering	EC8395	II/III CSE A	THEORY	5	20
		Embedded & Real time systems	EC8791	IV/VII ECE A	THEORY	5	
		Advanced Satellite communication&Navigation systems	CU5091	I / I ME (CS)	THEORY	4	
		Embedded lab	EC8711	IV/VII ECE A	LAB	6	
13	Mr.G.Sivakannu, Asst. Prof.	Millimeter wave communication	CU5301	II/III ME(CS)	THEORY	4	20
		Signals and Systems	EC8352	II / III ECE A	THEORY	5	
		Cognitive Radio	EC8071	IV/VII ECE A	THEORY	5	
		Advanced communication Systems lab	EC8761	IV/VII ECE A	LAB	6	
14	Ms.V.Ramya, Asst. Prof.	Digital Audio Engineering	OTL552	III/V ECE A	THEORY	4	18
		Digital Principles and System Design	CS8351	II / III IT	THEORY	5	
		Digital Systems Lab	CS8382	II / III IT	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III / V CSE A	LAB	3	
15	Mr.M.Mahendran , Asst. Prof.	Communication Engineering	EC8395	II/III CSE B	THEORY	5	22
		Communication Networks	EC8551	III/V ECE A	THEORY	5	
		Communication Networks lab	EC8563	III/V ECE A	LAB	6	
		Communication Networks lab	EC8563	III/V ECE B	LAB	6	
16	Ms..M.Anthuvan Lydia, Asst. Prof.	Microprocessor and microcontroller	EC8691	III/V CSE A	THEORY	5	21
		Medical Electronics	EC8073	III/V ECE A	THEORY	4	
		Microprocessor and microcontroller lab	EC8681	III/V CSE A	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III/V CSE B	LAB	6	
17	Ms..R.Vaishnavi, Asst. Prof.	Microprocessor and microcontroller	EC8691	III/V CSE B	THEORY	5	18
		Optical networks	CU5192	I / I ME (CS)	THEORY	4	
		Microprocessor and microcontroller lab	EC8681	III/V CSE B	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III/V CSE A	LAB	3	
18	Ms.R.Devi, Asst. Prof.	Embedded & Real time systems	EC8791	IV/VII ECE B	THEORY	5	21
		Digital Audio Engineering	OTL552	III/V ECE A	THEORY	4	
		Embedded Lab	EC8711	IV/VII ECE B	LAB	6	
		Communication Networks lab	EC8563	III/V ECE A	LAB	6	

19	Mr.SD.Sairam, Asst. Prof.	Analog and DigitalCommunication	EC8394	II/III IT	THEORY	5	21
		Advanced Radiation System	CU5191	I / I ME (CS)	THEORY	4	
		Advanced communication Systems lab	EC8761	IV/VII ECE A	LAB	6	
		Microprocessor and microcontroller lab	EE8681	III/V ICE	LAB	6	
20	Mr.V.Dinesh, Asst. Prof.	Microprocessor and microcontroller	EC8691	III/V IT	THEORY	4	20
		Medical Electronics	EC8073	III / V ECE B	THEORY	4	
		Microprocessor & Microcontroller Lab	EC8681	III/ V IT	LAB	6	
		Embedded Lab	EC8711	IV/VII ECE B	LAB	6	
21	Mr.V.Koushick, Asst. Prof.	Discrete time signal processing	EC8553	III/V ECE B	THEORY	5	22
		Antennas and Microwave Engineering	EC8701	IV/VII ECE B	THEORY	5	
		Digital Signal Processing Lab	EC8562	III/V ECE B	LAB	6	
		Communication system lab	EC8561	III/V ECE A	LAB	6	
22	Ms.J.Eindhumathi	Control Systems Engineering	EC8391	II / III ECE A	THEORY	5	22
		Transducer Engineering	OIC751	IV/VII ECE A	THEORY	5	
		Analog and Digital circuits lab	EC8361	II / III ECE B	LAB	6	
		Embedded Lab	EC8711	IV/VII ECE A	LAB	6	
					TOTAL	435	

Timetable Coordinator **HOD/ECE** **Principal**

REVIEW OF COURSE FILE

S.No.	Details	Review				
		1	2	3	4	5
	Date:					
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy [1]	✓				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities[1]	✓				
3.	Syllabus signed by staff & HoD[1]	✓				
4.	Lecture Schedule signed by staff & HoD[1]	✓				
5.	Course Committee meeting circular and minutes[1]	✓				
6.	Identification of Curricular gap and Content Beyond the syllabus[1]	✓				
7.	Previous AU Question papers (at least 5)[1]	✓				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers[1]	✓				
9.	Unit wise course material [1]	✓				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry [234]	✓	✓	✓	✓	
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry [234]	–	–	–	–	
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry[234]	✓	✓	✓	✓	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. [234]	✓	✓	✓	✓	
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers[234]	–	–	–	–	
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers[234]	–	–	–	–	
16.	AU Web portal entry sheet[234]					
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.[23]		–	–	–	
18.	Absence for two tests-action taken-communication to parents-evidence. [23]		–	–	–	
19.	Indiscipline of student reported, if any [234]		–	–	–	
20.	Special class/coaching class/remedial class/attendance-CAP [234]		–	–	–	
21.	Conduct of Seminar, Quizzes - proof[234]		✓	✓	✓	
22.	Content beyond the syllabus – proof [234]		✓	–	✓	
23.	Course end survey [4]				✓	
24.	Internal Assessment sheet [4]					
25.	AU question paper with students feedback [5]					
26.	Discrepancy of the question paper and correspondence, if any [5]					
27.	AU result analysis-Details of arrear students. [5]					
28.	AU grade sheet [5]					
29.	CO – PO & PSO attainment sheet [5]					
	Signature of Course handling faculty					
	Signature of HoD					

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPALLI - 620 012.
Department of Electronics and Communication Engineering

LESSON PLAN (AUG 2020-NOV 2020)

Sub Code & Name: EC8391 CONTROL SYSTEM ENGINEERING
Class : II year **Branch : ECE B** **Semester: III**

Name of the Staff: J.Eindhumathy

UNIT I SYSTEMS COMPONENTS AND THEIR REPRESENTATION 9

Control System: Terminology and Basic Structure-Feed forward and Feedback control theory-Electrical and Mechanical Transfer Function Models-Block diagram Models-Signal flow graphs models-DC and AC servo Systems-Synchronous -Multivariable control system

Objective: To understand the open loop and closed loop (feedback) systems.

Topics to be covered	No.of Periods	Teaching methodology	Reference books
Terminology and Basic Structure	1	Online class	1,2,4
Feed forward and Feedback control theory	1	Online class	1,2,4
Electrical Transfer Function Models	2	Online class	1,2,4
Mechanical Transfer Function Models	2	Online class	1,2,4
Block diagram Models	2	Online class	1,2,4
Signal flow graphs models	2	Online class	1,2,4
DC servo Systems, AC servo Systems	1	Online class	1,2,4
Synchronous – Multivariable Control system	1	Online class	1,2,4
Total	12		

UNIT II TIME RESPONSE ANALYSIS 9

Transient response-steady state response-Measures of performance of the standard first order and second order system-effect on an additional zero and an additional pole-steady error constant and system- type number-PID control-Analytical design for PD, PI,PID control systems

Objective: To familiar with the time domain analysis and the different types of Controllers.

Topics to be covered	No.of Periods	Teaching methodology	Reference books
Transient response- steady state response	1	Online class	1,2,4
Measures of performance of the standard first order	1	Online class	1,2,4
Measures of performance of the second order system	2	Online class	1,2,4
Effect on an additional zero and an additional pole	1	Online class	1,2,4
Steady error constant and system type number	1	Online class	1,2,4
PID control	1	Online class	1,2,4
Analytical design for PD, PI control systems	1	Online class	1,2,4
Analytical design for PID control systems	1	Online class	1,2,4
Total	9		

UNIT IV CONCEPTS OF STABILITY ANALYSIS 9

Concept of stability-Bounded - Input Bounded - Output stability-Routh stability criterion-Relative stability- Root locus concept-Guidelines for sketching root locus-Nyquist stability criterion.

Objective: To study the different techniques that can be used to analyze stability.

Topics to be covered	No.of Periods	Teaching methodology	Reference books
Concept of stability	1	Online class	1,2,4
Bounded – Input Bounded - Output	1	Online class	1,2,4
Stability-Routh stability criterion	1	Online class	1,2,4
Relative stability	1	Online class	1,2,4
Root locus concept	1	Online class	1,2,4
Guidelines for sketching root locus	3	Online class	1,2,4
Nyquist stability criterion	1	Online class	1,2,4
Problems	2	Online class	1,2,4
Total	11		

UNIT III FREQUENCY RESPONSE AND SYSTEM ANALYSIS 9

Closed loop frequency response-Performance specification in frequency domain-Frequency response of standard second order system- Bode Plot - Polar Plot- Nyquist plots-Design of compensators using Bode plots-Cascade lead compensation-Cascade lag compensation-Cascade lag-lead compensation

Objective: To understand frequency domain analysis and the compensation techniques required to stabilize control systems.

Topics to be covered	No.of Periods	Teaching methodology	Reference books
Closed loop frequency response	1	Online class	1,2,4
Performance specification in frequency domain	1	Online class	1,2,4
Frequency response of standard second order system	2	Online class	1,2,4
Bode Plot- Phase and Gain margin	2	Online class	1,2,4
Polar Plot - Phase and Gain margin	2	Online class	1,2,4
Nyquist plots - Phase and Gain margin	1	Online class	1,2,4
Design of compensators using Bode plots	1	Online class	1,2,4
Cascade lead compensation-Cascade lag compensation	2	Online class	1,2,4
Cascade lag-lead compensation	1	Online class	1,2,4
Total	13		

UNIT V CONTROL SYSTEM ANALYSIS USING STATE VARIABLE METHODS 9

State variable representation-Conversion of state variable models to transfer functions-Conversion of transfer functions to state variable models-Solution of state equations-Concepts of Controllability and Observability-Stability of linear systems-Equivalence between transfer function and state variable representations-State variable analysis of digital control system-Digital control design using state feedback.

Objective: To understand the State variable analysis and Digital Control Systems.

Topics to be covered	No.of Periods	Teaching methodology	Reference books
State variable representation- Conversion of state variable models to transfer functions	2	Online class	1,2,4
Conversion of transfer functions to state variable models	1	Online class	1,2,4
Solution of state equations	1	Online class	1,2,4
Concepts of Controllability	1	Online class	1,2,4
Concepts of Observability	1	Online class	1,2,4
Stability of linear systems	1	Online class	1,2,4
Equivalence between transfer function and state variable representations	1	Online class	1,2,4
State variable analysis of digital control system	1	Online class	1,2,4
Digital control design using state feedback.	1	Online class	1,2,4
Total	10		
Content Beyond syllabus (CBS) -Fuzzy Logic - Control System	1		
Assignment-1			
Assignment-2			
Assignment-3			

Total Periods: 55+1=56

TEXT BOOKS:

1. M.Gopal, "Control System – Principles and Design", Tata McGraw Hill, 4th Edition, 2012.

REFERENCES:

2 . J.Nagrath and M.Gopal, "Control System Engineering", New Age International Publishers, 5 th Edition, 2007

3. K. Ogata, 'Modern Control Engineering', 5th edition, PHI, 2012.

4. S.K.Bhattacharya, Control System Engineering, 3rd Edition, Pearson, 2013.

5. Benjamin.C.Kuo, "Automatic control systems", Prentice Hall of India, 7th Edition,1995.

COURSE OUTCOMES:

Upon completion of the course, students will be able to:

CO	Course Outcomes	PO	PSO
C206.1	Understand translation of physical phenomena into corresponding mathematical descriptions, and apply appropriate tools to interpret the behaviour of systems.	PO1, PO2, PO3, PO4,PO5, PO10	PSO2
C206.2	Model physical systems, identify feedback control systems and exposed to the PID controllers prevalent in the Industry.	PO1, PO2, PO3, PO4,PO5, PO10	PSO2
C206.3	Understand the frequency domain is a complementary point of view, and Illustrate control systems in frequency-domain.	PO1, PO2, PO3, PO4,PO5, PO6, PO7,PO10, PO12	PSO1, PSO2
C206.4	Develop classical graphical tools to interpret and design root locus and relate relative stability and transient performance for real time control system	PO1, PO2, PO3, PO4,PO5, PO6, PO7,PO10, PO12	PSO1, PSO2
C206.5	Design a suitable compensator for the given real time problem(motor controlled systems)	PO1, PO2, PO3, PO4,PO5, PO6, PO7,PO8, PO10, PO11, PO12	PSO1, PSO2
C206.6	Understand the concept of state variables and learns importance of linear algebra and matrix theory in designing practical control systems.	PO1, PO2, PO3, PO4,PO5, PO8, PO10, PO11,	PSO2

STAFF-IN-CHARGE

HOD/ECE

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPALLI

DEPARTMENT OF ECE

CIRCULAR

31.07.2020

Course committee meeting for III semester ECE subject CONTROL SYSTEM ENGINEERING will be held on 07-08-2020 between 10.00 pm and 10.15 pm at Microprocessor lab. The committee members are requested to attend the meeting. They are requested to bring their subject syllabus.

AGENDA

1. Discussion about Content of syllabus
2. Availability of books in the library
3. CO framing
4. Content beyond syllabus (CBS) - curricular gaps

Course committee members

S.No.	Name of the faculty & Designation, Program	Sem/Sec/Program	Signature
1.	Dr.C.Vennila / Professor / ECE	III SEM/A/ ECE	
2.	Ms. J.Eindhumathy / AP / ECE	III SEM/B/ ECE	

HOD / ECE

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF ECE

SCE/ECE/Course committee meeting /CSE/2020-2021(ODD) DATE: 07.08.2020

COURSE COMMITTEE MEETING-EC8391-CONTROL SYSTEM ENGINEERING

ACADEMIC YEAR: 2020-2021(ODD) **SEM:** 03 **REGULATION:** 2017

PROGRAM: ECE **DATE OF MEETING:** 07.08.2020 **TIME:** 10.00AM

Venue: ECE Dept. MICROPROCESSOR LAB

Members Present

Table.1 Course committee members

S.No.	Name of the faculty & Designation, Program	Sem/Sec/Program	Signature
1.	Dr.M.SANTHI, HOD/ECE	-	
2.	Dr.C.VENNILA, PROESSOR/ECE	III SEM/A/ ECE	
3.	J.EINDHUMATHY, AP/ECE	III SEM/B/ ECE	

HOD welcomed all the members present

1. Content of syllabus, unit wise discussed. Nature of qualitative, quantitative, problematic, theoretical concepts etc. have been discussed
2. With reference to the R-2017 regulation, Number of periods per unit = 9, total number of periods =45 periods.
3. Vision and mission of the college, department discussed. POs, PEOs, PSOs discussed.
4. Course outcomes defined for each unit, considering learning outcomes.

Table.2 Course Outcomes

CO	Course Outcomes
C206.1	Understand translation of physical phenomena into corresponding mathematical descriptions, and apply appropriate tools to interpret the behaviour of systems.
C206.2	Model physical systems, identify feedback control systems and exposed to the PID controllers prevalent in the Industry.
C206.3	Understand the frequency domain is a complementary point of view, and Illustrate control systems in frequency-domain.
C206.4	Develop classical graphical tools to interpret and design root locus and relate relative stability and transient performance for real time control system
C206.5	Design a suitable compensator for the given real time problem(motor controlled systems)
C206.6	Understand the concept of state variables and learns importance of linear algebra and matrix theory in designing practical control systems.

5. Mapping of COs with POs and PSOs is done with suitable correlation levels(1 for low, 2 for medium, 3 for high,"-" for no correlation, before content beyond syllabus)

Table.3 Mapping of COs with POs & PSOs - before CBS.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PS02
C206.1	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.2	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.3	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.4	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.5	2	2	2	1	1	-	-	-	-	1	-	-	2	2
C206.6	2	2	2	1	1	-	-	-	-	1	-	-	2	2
C206	2	2	2	1	1	-	-	-	-	1	-	1	2	2

6. Identification of content beyond syllabus- curricular gaps are identified considering industry needs, employers feedback, alumni feedback, government policy on industrialization, new investments by private/ public sectors, societal needs and level of correlation of COs with POs and PSOs. Accordingly the details of CBS added and its correlation is given below.

Table 4 Identification of content beyond syllabus

Details of Content Beyond Syllabus(CBS) added	POs strengthened/ vacant filled	CO / Unit
Fuzzy Logic Control System	PO12(1) Vacant filled	C206.5, C206.6 / V

7. Mapping of COs with POs, PSOs after CBS

Table 5 Mapping of COs with POs & PSOs - after CBS

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C206.1	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.2	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.3	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.4	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.5	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.6	2	2	2	1	1	-	-	-	-	1	-	1*	2	2
C206	2	2	2	1	1	-	-	-	-	1	-	1*	2	2

PO12 VACANT FILLED TO LEVEL 1

8. Content beyond syllabus is thus identified based on the above. Plan for handling of CBS by internal/external resource person/ industrial visits are decided. This will be included in the class log book.
9. Lecture schedule should be prepared unit wise, as in the syllabus. Number of periods per unit and total number of periods planned should not be less than, periods allotted in the syllabus of Anna University.
10. Plan for additional Periods for IA tests, CBS, NPTEL delivery, Seminar, Quiz etc are to be incorporated in the lecture schedule. These periods are added exclusive of number of periods prescribed in the syllabus.
11. Plan for at least three assignments (with level of correlation), seminar topic, quiz questions discussed.
12. Bright students and slow learners are to be identified, immediately after IA test - I, such students may be counselled suitably and the evidence for counselling to be recorded in the attendance cum assessment record. (Sign of students with date and time of counselling, to be strictly recorded and to be attached in the course file). Such counselling may be conducted after college hours.
13. For those students secured less than 60% in the IA Test, Makeup test should be conducted. Correspondingly root cause analysis for reasons of failure, corrective and preventive action, and follow up action taken should be filed properly.
14. Contents of course file to be reviewed periodically.
15. Lecture schedule, assignment questions, course materials, AU questions (at least 5) should be supplied within one week after the commencement of classes.
16. Course material should be uploaded in the college website for student's reference.
17. Discrepancy in question paper, if any to be informed to the controller of examinations through web portal entry, after getting approval from the HoD & the Principal. Critically asked questions, if any to be discussed with the students of the next batch.
18. Immediately after the publication of the results, analysis is to be carried out and follow up action to be taken for the failures.
19. IA test question papers should be set as per the norms of the college, incorporating marks for learning outcomes and course outcomes. Common question papers should be set.
20. Certificate courses/Workshop/guest lectures may be planned inviting experts from industry/higher learning institutions.
21. After IA test, an objective type tests may be conducted (3 times in a semester-30 minutes duration-maximum 10 questions). Questions asked in GATE, TANCET, IES or any other Competitive examination can be taken as a reference. This is to facilitate the bright students to prepare for higher level of thinking and to enhance placement and higher studies opportunities.
22. IA test papers, assignment papers or any other papers submitted by the students should be returned to the students within 5 days after correction. Sample paper should be suitably filed.
23. Long absentees of students if any to be informed to the parents through class coordinator, if such students attendance less than 75%.

Faculty

HOD/ECE

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Identification of curricular gap &Content Beyond Syllabus(CBS)

Name of the Faculty :J.EINDHUMATHY Course Code & Name:EC8391 CONTROL SYSTEM ENGG
Degree & Program : B.E. ECE Semester & Section : III / B

I. Mapping of Course Outcomes with POs & PSOs.(before CBS)

Table.1 Mapping of COs, C, PSOs with POs - before CBS

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PS02
C206.1	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.2	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.3	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.4	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.5	2	2	2	1	1	-	-	-	-	1	-	-	2	2
C206.6	2	2	2	1	1	-	-	-	-	1	-	-	2	2
C206	2	2	2	1	1	-	-	-	-	1	-	1	2	2

II. Identification of content beyond syllabus.

Table.2 Identification of content beyond syllabus

Details of Content Beyond Syllabus(CBS) added	POs strengthened/ vacant filled	CO/Unit
Fuzzy Logic - Control System	PO12(3) Vacant filled	C206.5, C206.6 / V

III. Mapping of Course Outcomes with POs & PSOs. (After CBS)

Table.3 Mapping of COs, C, PSOs with POs- after CBS.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PS02
C206.1	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.2	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.3	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.4	2	2	2	1	1	-	-	-	-	1	-	1	2	2
C206.5	2	2	2	1	1	-	-	-	-	1	-	1*	2	2
C206.6	2	2	2	1	1	-	-	-	-	1	-	1*	2	2
C206	2	2	2	1	1	-	-	-	-	1	-	1	2	2

FACULTY

HOD/ECE

SARANATHAN COLLEGE OF ENGINEERING

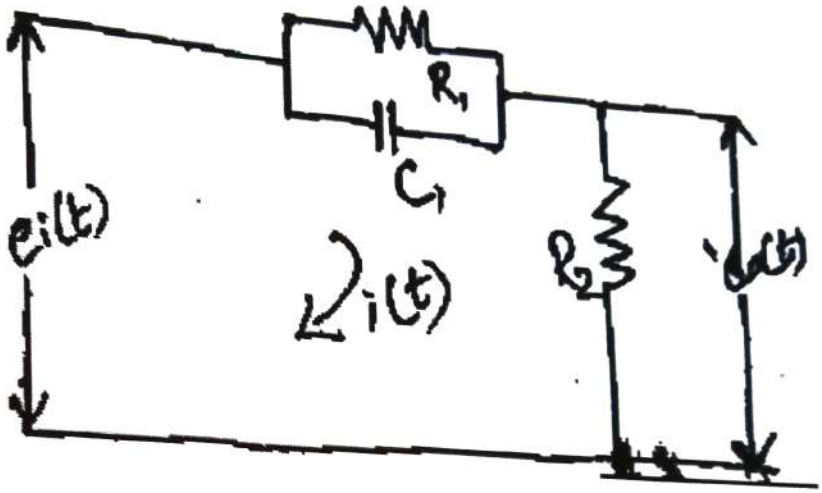
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Assignment – 01

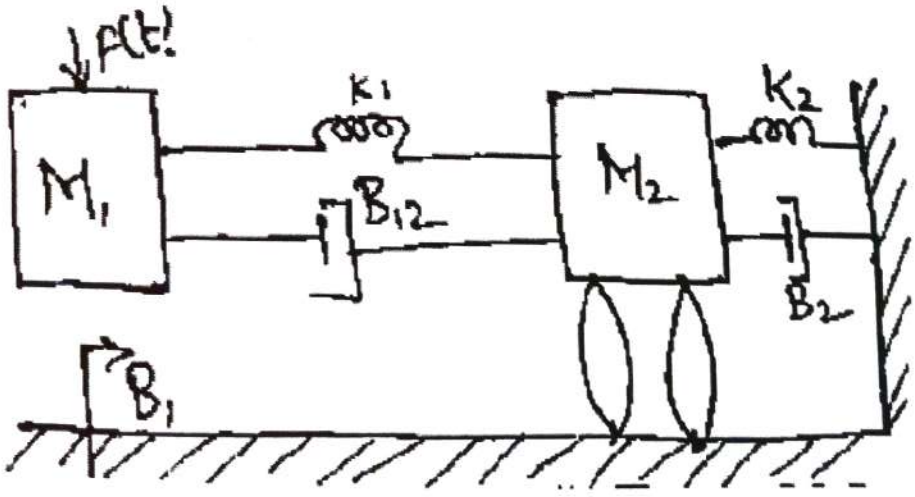
ourse code	EC 8391	Course Title	CONTROL SYSTEM ENGG	Date of Issue:	20.08.2020	Marks	10
ear	II	Semester/Section	III / B	Date of Submission:	25.08.2020		
0206.1 PO-1,2,3,4,5,10,12 and PSO-1,2							

Obtain the transfer function of the lead network shown.

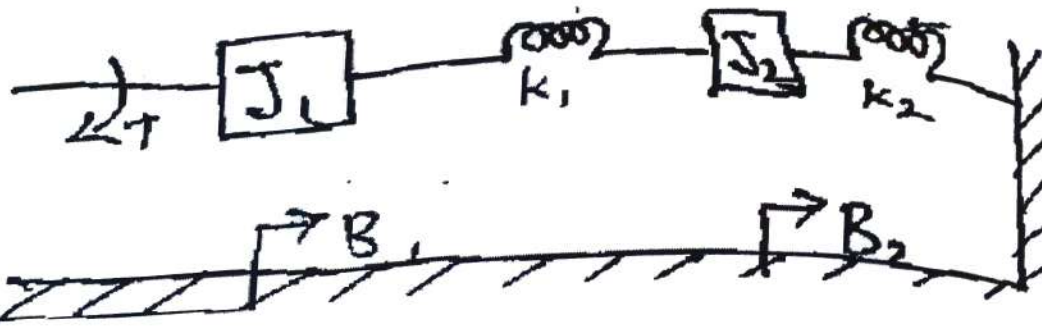


1.

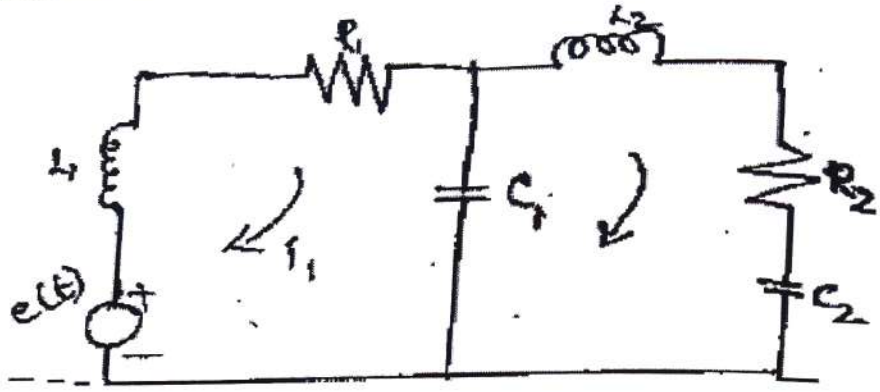
2. **Write the differential equations governing the mechanical system.**



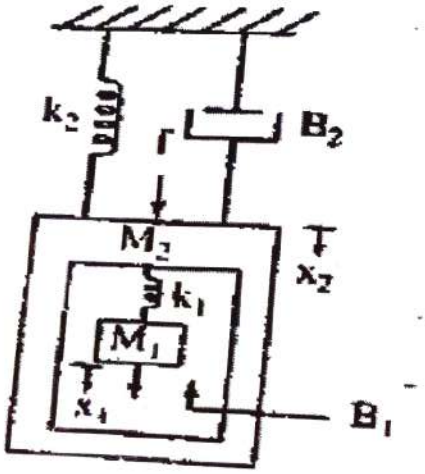
3. **Write the differential equations governing the mechanical rotational system shown.**



4. OBTAIN THE TRANSFER FUNCTION



5. **For the spring, damper and mass system shown in figure find the differential equations governing the system.**



Mark Allocation

Description	Marks Allotted	Marks obtained
Content	6	6
Presentation	2	2
Submission	2	2
Total	10	10

Name and Signature of Faculty

Name and Signature of the studen

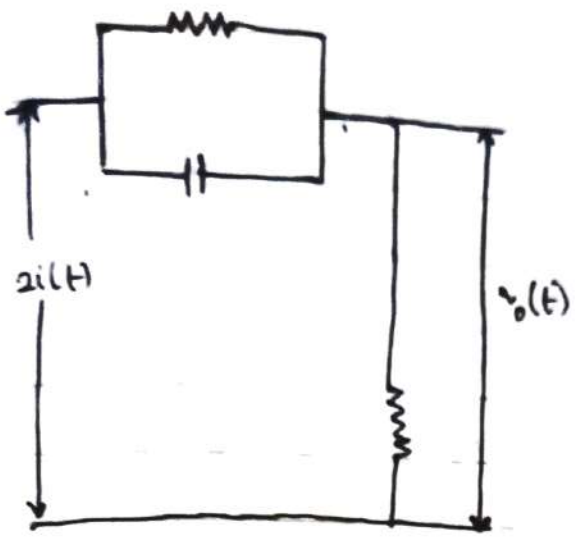
SYSTEM ENGINEERING

M S SNEHA

222101

ECE - B

1) obtain the transfer function of network



$$V_o(s) = \frac{R_2}{R_1 / (1/C_1 s) + R_2} \times V_i(s)$$

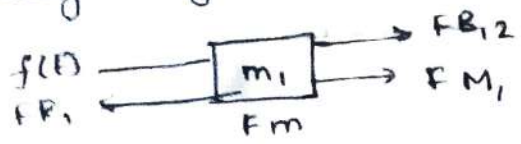
$$\frac{V_o(s)}{V_i(s)} = \frac{R_2}{\left(\frac{R_1 / C_1 s}{R_1 + 1/C_1 s}\right) + R_2} = \frac{R_2}{\left(\frac{\frac{R_1}{C_1 s}}{\frac{R_1 C_1 s + 1}{C_1 s}}\right) + R_2}$$

$$= \frac{R_2}{\frac{R_1}{sC_1} + R_2\left(\frac{sC_1 R_1 + 1}{sC_1}\right)} \Bigg/ \frac{sC_1 R_1 + 1}{sC_1}$$

$$= \frac{R_2}{\frac{R_1 + R_2 sC_1 R_1 + R_2}{sC_1}} \times \frac{sC_1}{sC_1 R_1 + 1}$$

$$\text{T.F} = \frac{V_o(s)}{V_i(s)} = \frac{sC_1 R_1 R_2 + R_2}{R_1 + R_2 sC_1 R_1 + R_2}$$

Free body diagram



diff eqn

$$F(t) = m_1 \frac{d^2x}{dt^2} + K_1(x - x_1) + B_1 \frac{dx}{dt} + B_{12}\, d/dt\,(x - x_1)$$

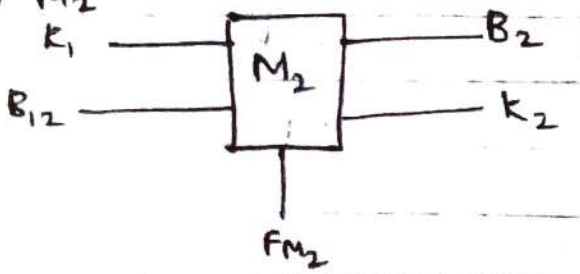
Taking laplace

$$F(S) = m_1 S^2 x(S) + K_1(x(S)) - K_1 x_1(S) + B_1 x(S) S + B_{12} S \dot{x}(S) - B_{12} S x_1(S)$$

$$F(S) = X(S)\,[M_1 S^2 + K_1 + B_1 S + B_{12} S] - X_1(S)[K_1 + B_{12} S]$$

$$\frac{F(S) + X_1(S)\,[K_1 + B_{12} S]}{M_1 S^2 + K_1 + B_1 S + B_{12} S} = X(S)$$

For M_2



$$FM_2 + f K_1 + f B_{12} + f K_2 = 0$$

diff eqn

$$M_2 \frac{d^2x_1}{dt^2} + K_1(x_1 - x) + K_2 x_1 + B_2 \frac{dx_1}{dt} + B_{12} \frac{d(x_1 - x)}{dt}$$

$$\Rightarrow M_2 S^2 x_1 [S + B_{12} S [x_1(S) - x(S)] + B_2 S x_1(S) + K_2 x_1(S) + K_1 x_1(S) - K_1(x(S))] = 0$$

$$x [S [-B_{12} S - K_1] + x_1(S) [m_2 S^2 + B_{12} S + B_2 + K_2 + K_1] = 0$$

Draw free body diagram for M_1.

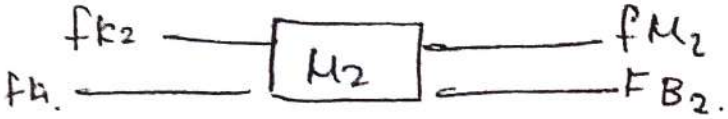


$$f_{M_1} + f_{K_1} + f_{B_1} = 0$$

$$M_1 \frac{d^2x_1}{dt^2} + k_1(x_1 - x_2) + B_1 \frac{dx_1}{dt} = 0$$

$$\boxed{M_1 \frac{d^2x_1}{dt^2} + k_1x_1 - k_1x_2 + B_1 \frac{dx_1}{dt} = 0}$$

Draw free body diagram for M_2.



$$f(t) = k_2 x_2(t) + B_2 \frac{dx_2(t)}{dt} + M_2 \frac{d^2x_2(t)}{dt^2} + k_1(x_1 - x_2)_t$$

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Assignment – 02			Date of Issue:	28.08.2020	Marks	10
Course code	EC 8391	Course Title	CONTROL SYSTEM ENGG			
Year	II	Semester/Section	III / B	Date of Submission:	07.09.2020	

CO206.1 PO-1,2,3,4,5,10,12 and PSO-1,2

Obtain the closed loop transfer function C(s)/R(s) of the system whose block diagram is shown in fig 1.

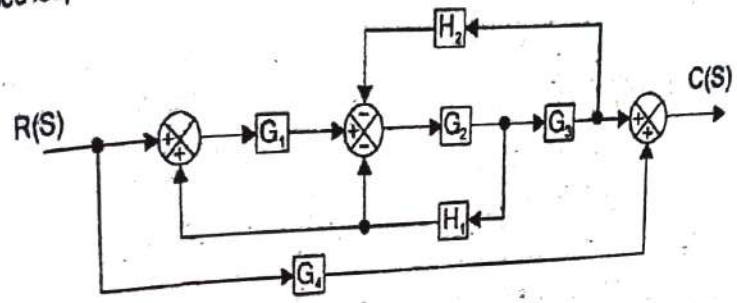


Fig 1.

Using block diagram reduction technique find the transfer function C(s)/R(s) for the system shown in fig

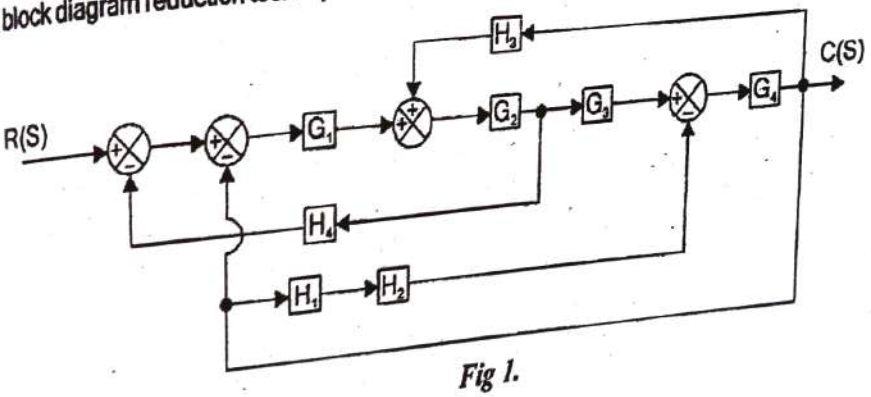


Fig 1.

Consider the block diagram shown in fig E.1.7(a), (b) (c) & (d). Using the block diagram reduction technique, find C/R.

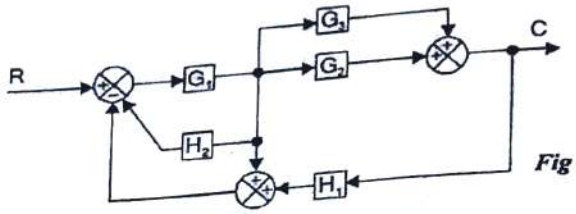


Fig E1.7(a)

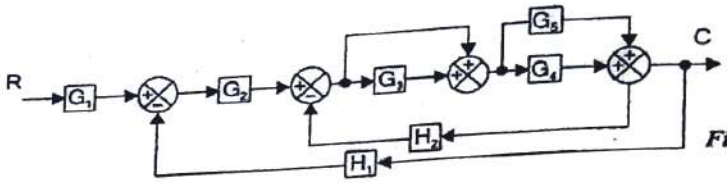


Fig E1.7(b)

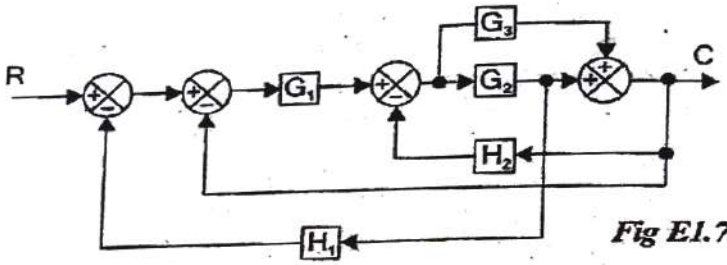


Fig E1.7(c)

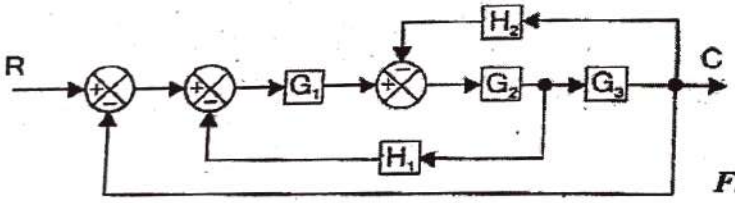


Fig E1.7(d)

Mark Allocation

Description	Marks Allotted	Marks obtained
Content	6	6
Presentation	2	1
Submission	2	2
Total	10	9

Name and Signature of Faculty

Name and Signature of the student

SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Tutorial – 01			Date of Issue:	07.04.2021	Marks	10
Course code	EE 8461	Course Title	LINEAR INTEGRATED CIRCUITS AND APPLICATIONS			
Year	II	Semester/Section	IV / B	Date of Submission:	15.05.2021	

Q No	Questions	COs	Pos
1	Question Paper attached Separately	C213.1, C213.2, C213.3, C213.4, C213.5	1 – 4, 5, 6, 12

Mark Allocation

Description	Marks Allotted	Marks obtained
Content	6	5
Presentation	2	1
Submission	2	2
Total	10	08

Name and Signature of the student

A. Vikthiswaran

Name and Signature of the Faculty In-charge

HoD/ECE

EE8451 –LINEAR INTEGRATED CIRCUITS AND APPLICATIONS

TUTORIALS

Example 3.1

Design an inverting amplifier of the type shown in Fig. 3.1 (e) using 741 op-amp to get a gain of – 10 and an input impedance of 10 MΩ. That is, calculate R_t, R_s and R_1.

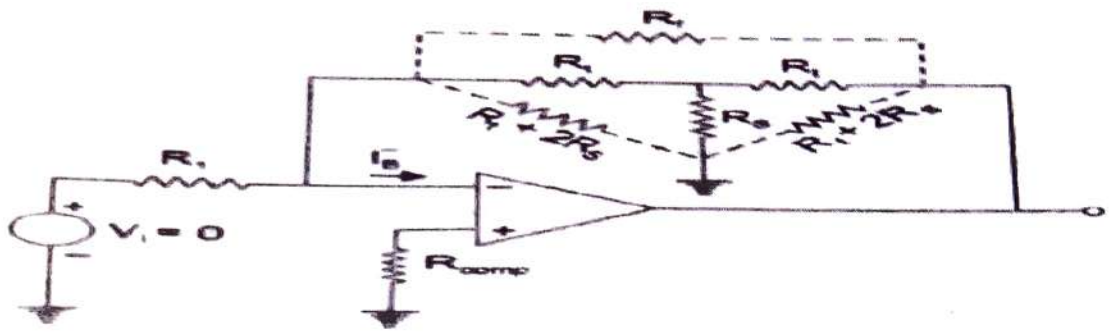


Fig. 3.1 (e) Inverting amplifier with T-feedback network

Example 3.2

(a) For the non-inverting amplifier of Fig. 3.2 (b), R_1 = 1 kΩ and R_f = 10 kΩ. Calculate the maximum output offset voltage due to V_{io} and I_B. The op-amp is LM 307 with V_{io} = 10 mV and I_B = 300 nA, I_{io} = 50 nA.

(b) Calculate the value of R_{comp} needed to reduce the effect of I_B.

(c) Calculate the maximum output offset voltage if R_{comp} as calculated in (b) is connected in the circuit.

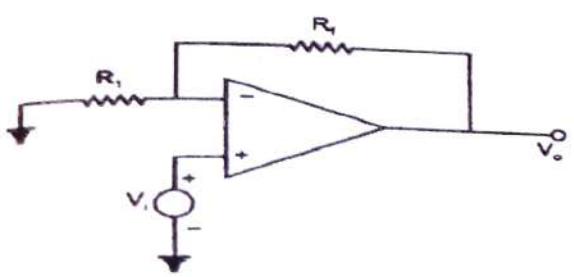


Fig. 3.2 (b) Non-inverting amplifier

Example 3.3

A non-inverting amplifier with a gain of 100 is nulled at 25°C. What will happen to the output voltage if the temperature rises to 50°C for an offset voltage drift of 0.15 mV/°C ?

Example 2-2

A 741 op-amp uses a ±15 V supply with a 2 mV, 120 Hz ripple voltage superimposed. Calculate the amplitude of the output voltage produced by the power supply ripple if the circuit has a noninverting closed-loop gain of 50.

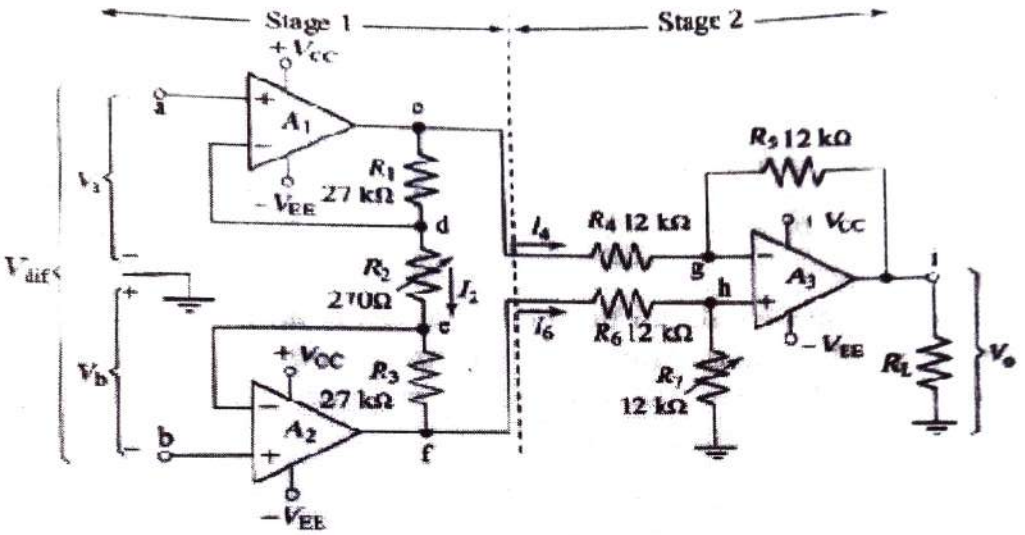


Figure 3-29 Instrumentation amplifier consisting of a differential input/output amplifier (stage 1) and a difference amplifier (stage 2). The circuit has adjustable voltage gain via R_2 and common mode nulling via R_7.

Example 3-12

Design the instrumentation amplifier shown in Fig. 3-29 to use op-amps with 750 nA maximum input bias current. The circuit is to produce an output ranging from 4 V to 8 V when the input is 10 mV to 20 mV.

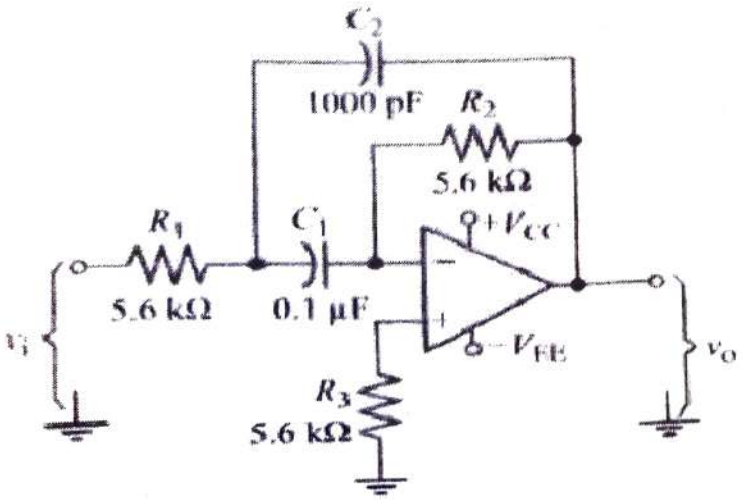


Figure 12-18 Single-stage band-pass filter circuit for Example 12-7.

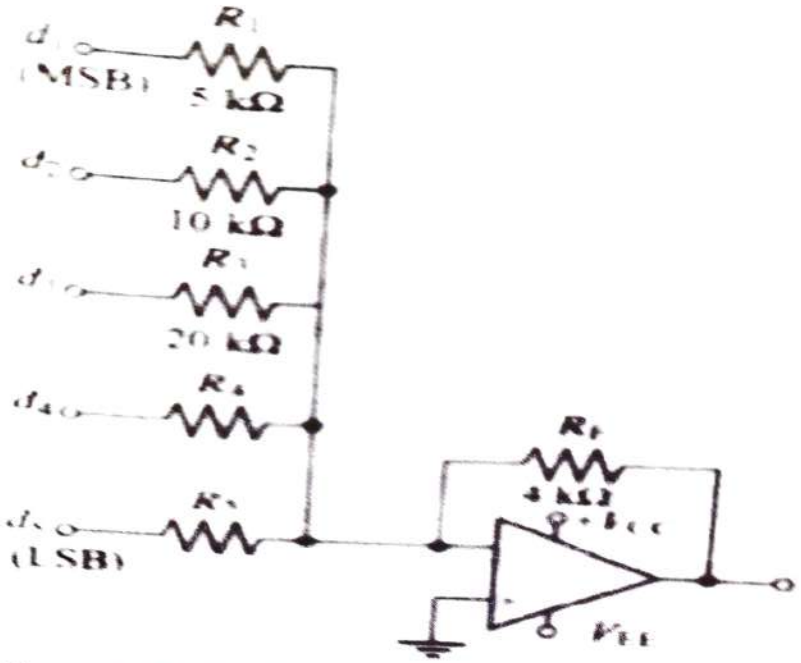
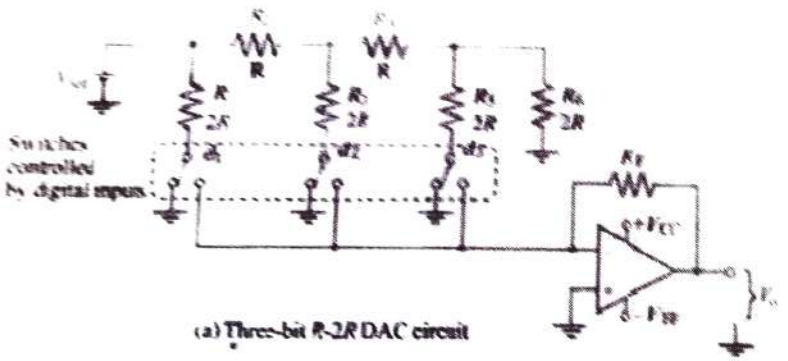
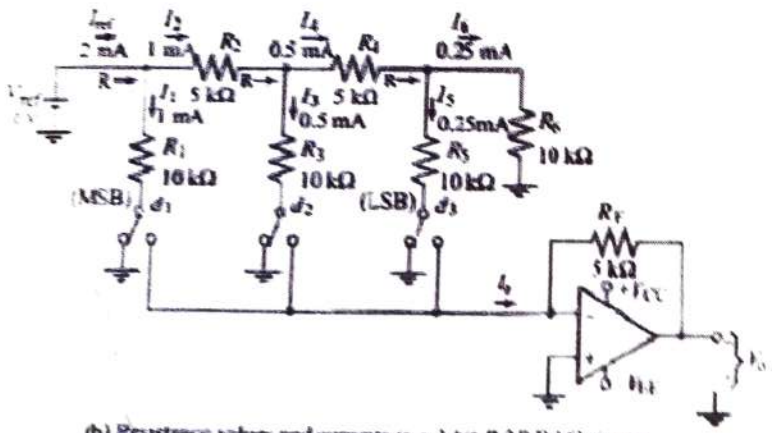


Figure 15-5 Five-bit DAC for Example



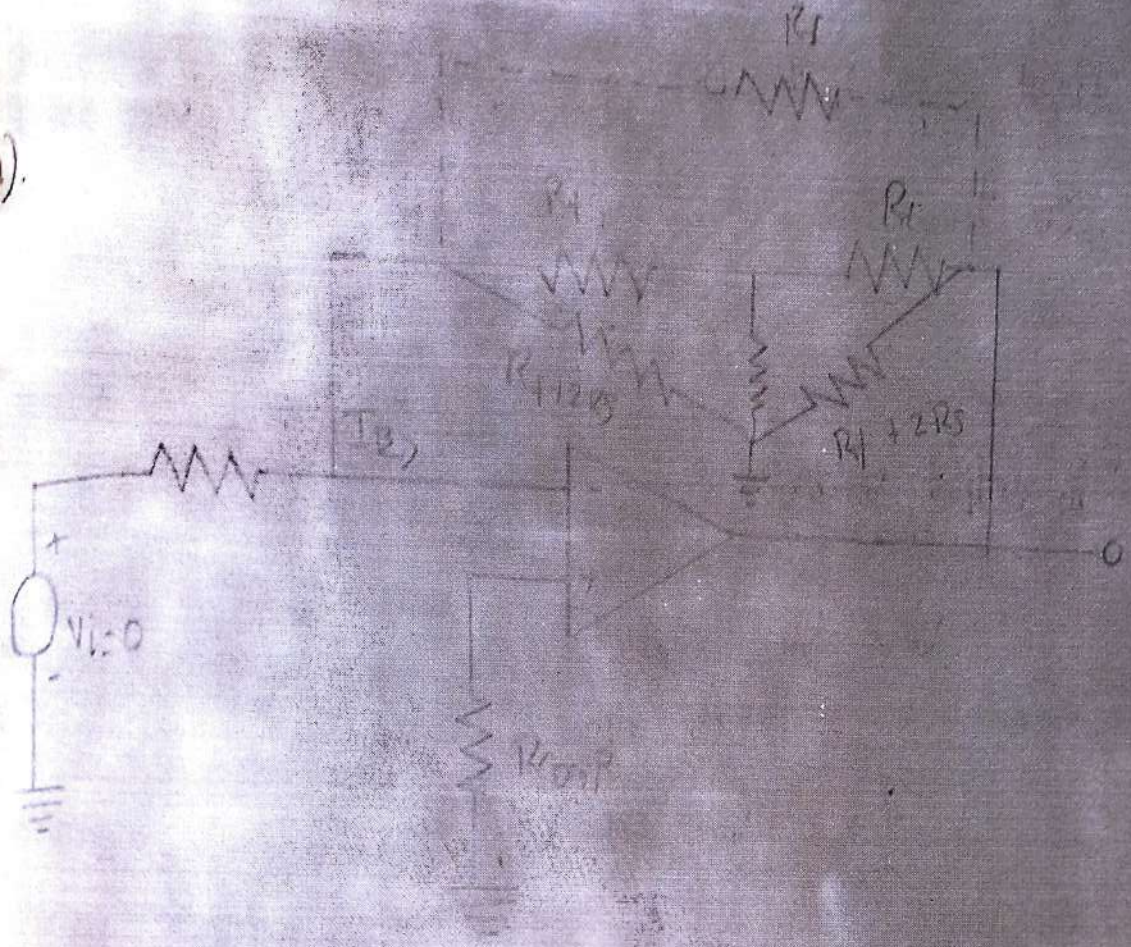
(a) Three-bit *R-2R* DAC circuit



(b) Resistance values and currents in a 3-bit *R-2R* DAC circuit

Figure 15-6 An *R-2R* DAC uses only two resistance values and a precise reference voltage source. The input bits control the position of switches that connect currents either to the op-amp input or to ground. Thus, each resistance always carries a constant current.

Linear Integrated Circuits And Application



To Set input impedance $R_i = 10\,M\Omega$, $R_1 = 10\,M\Omega$

Since $A_{CL} = -\frac{R_f}{R_1}$

$R_f = -A_{CL} R_1 = -(-10)(10\,M\Omega)$

$R_f = 100\,M\Omega$

W.K.T

$R_f \angle\angle \frac{R_f}{2} = \frac{100M}{2} = 50M$

Choose $R_1 = 47K\Omega$

$R_3 = \frac{R_1^2}{R_f - 2R_1} = \frac{(47K\Omega)^2}{100M\Omega - 2(47K\Omega)}$

HW

For a monostable multivibrator using 555 t

Pulse width, T = 5ms

The Pulse width of a multivibrator is given by

$$T = 1.1RC$$

$$C = 0.1\mu F$$

$$R = \frac{T}{(1.1)C}$$

$$R = \frac{5 \times 10^{-3}}{1.1 \times 0.1 \times 10^{-6}}$$

$$R = 45.45\,k\Omega$$

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 16.11.2020

Ref : SCE/Syllabus/Theory/2020-21 - Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Digital Communication, code EC8501 for III year, 5 semester, department of ECE B.E/~~B.Tech~~/~~MBA~~ during the academic year 2020 – 21, odd semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 60 periods, revised syllabus for 5 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : M Baritha Begum

Name : M. Baritha Begum

Designation : A.P

Department : ECE

Date : 16.11.2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 16.11.2020

Ref : SCE/Syllabus/Laboratory/2020-21- odd sem/

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	: P.	Signature	:
Name	: P. Sivagamasundhari	Name	: J. Elhdhumathy
Designation	: AP	Designation	: AP
Department	: ECE		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed.

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 16.6.2021

Ref : SCE/Syllabus/Theory/2020-21 - Even sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject EC8251 - Circuit Analysis, code EC8251 for I year, II semester, department of ECE B.E/B.Tech/MBA during the academic year 2020 – 21, odd semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 60 periods, revised syllabus for 5 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature :

Name : A. Shamim Banu

Designation : AP

Department : ECE

Date : 16.06.2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 16.6.2021

Ref : SCE/Syllabus/Laboratory/2020-21- Even sem/

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	:
Name	: V. RAMYA	Name	: R. VAISHNAVI
Designation	: ASSISTANT PROFESSOR	Designation	: ASSISTANT PROFESSOR
Department	: ECE		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed.

Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : ECE Month&Year: MAR/APR 2021

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				**15.0**	**15.0**	**8.0**	**12.0**	**12.0**	**12.0**	**4.0**	**6.0**	**8.0**	**8.0**	**100**
1	shamimbanu-ece	ECE-A/2	25	EC8251/Circuit Analysis	13.32	13.32	7.10	10.75	9.50	10.46	3.20	4.70	6.59	6.91	85.87
2	hariprasath-ece	ECE-A/2	32	EC8252/Electronic Devices	12.84	12.75	6.75	9.82	8.93	9.90	3.17	4.84	6.90	7.05	82.96
3	shanmugapriya-ece	ECE-A/4	3	EC8451/Electromagnetic Fields	13.00	15.00	7.47	11.20	11.20	11.20	3.73	5.60	6.93	6.93	92.27
4	shamimbanu-ece	ECE-A/4	3	EC8452/Electronic Circuits Ii	14.00	14.00	7.47	12.00	11.20	11.20	3.73	5.60	7.47	6.93	93.60
5	vaishanavi-ece	ECE-A/4	3	EC8453/Linear Integrated Circuits	14.00	13.00	6.93	10.40	10.40	10.40	3.73	5.20	6.93	6.93	87.93
6	padmaa-ece	ECE-A/4	3	EC8491/Communication Theory	14.00	15.00	7.47	12.00	11.20	11.20	3.73	5.60	8.00	8.00	96.20
7	rajeswaris-ece	ECE-A/6	52	EC8004/Wireless Networks	12.58	12.69	6.03	9.74	10.15	9.69	3.37	5.10	6.71	6.58	82.65
8	vennila-ece	ECE-A/6	51	EC8095/Vlsi Design	13.24	13.35	7.03	10.45	10.26	10.35	3.56	5.32	7.06	7.12	87.73
9	shanmugapriya-ece	ECE-A/6	50	EC8651/Transmission Lines And Rf Systems	12.90	12.72	6.53	9.98	9.65	9.98	3.33	4.99	6.78	6.78	83.65
10	mahendran-ece	ECE-A/6	53	EC8652/Wireless Communication	11.94	11.94	6.37	9.10	8.88	8.97	3.08	4.80	6.34	6.01	77.43
11	ramyav-ece	ECE-A/6	53	EC8691/Microprocessors And Microcontrollers	12.11	12.11	6.58	10.19	9.51	9.65	3.47	5.12	6.88	6.91	82.54
12	sivagamasundhari-ece	ECE-A/8	25	EC8094/Satellite Communication	13.20	13.08	7.10	10.46	10.08	9.98	3.55	5.23	6.91	6.98	86.58
13	rajeswaris-ece	ECE-A/8	28	GE8076/Professional Ethics In Engineering	13.29	12.96	6.57	10.63	10.54	9.77	3.46	4.97	6.91	6.86	85.96
14	sivagamasundhari-ece	ECE-B/2	22	EC8251/Circuit Analysis	12.82	13.09	6.62	10.69	9.38	9.93	3.42	4.47	6.47	7.13	84.02

15	eindhumathy-ece	ECE-B/2	21	EC8252/Electronic Devices	12.00	11.43	6.48	9.26	8.34	9.49	3.09	4.91	6.55	6.48	78.02
16	mohan-ece	ECE-B/4	49	EC8451/Electromagnetic Fields	13.96	14.02	7.15	10.92	11.02	11.02	3.64	5.46	7.18	7.48	91.86
17	padmaa-ece	ECE-B/4	50	EC8452/Electronic Circuits Ii	13.14	13.38	6.85	9.98	10.08	10.18	3.30	5.23	6.88	7.14	86.15
18	eindhumathy-ece	ECE-B/4	50	EC8453/Linear Integrated Circuits	12.96	13.02	7.01	9.98	9.70	10.03	3.55	5.26	6.91	7.01	85.43
19	anthuvanlydia-ece	ECE-B/4	53	EC8491/Communication Theory	13.30	13.13	6.97	10.05	10.14	10.55	3.47	5.28	7.15	7.06	87.12
20	arunmozhi-ece	ECE-B/6	48	EC8004/Wireless Networks	12.81	12.38	6.40	9.80	9.75	9.85	3.30	4.95	6.87	6.80	82.90
21	santhim	ECE-B/6	48	EC8095/Vlsi Design	12.25	12.38	6.20	9.05	9.10	9.45	3.18	4.55	6.17	6.07	78.39
22	barithabegum-ece	ECE-B/6	50	EC8651/Transmission Lines And Rf Systems	12.72	12.12	6.50	9.98	9.46	9.50	3.31	4.94	6.78	6.69	82.01
23	sivakannu-ece	ECE-B/6	53	EC8652/Wireless Communication	12.96	12.62	6.55	9.78	9.55	10.14	3.22	4.78	6.70	6.52	82.83
24	malaisamy-ece	ECE-B/6	48	EC8691/Microprocessors And Microcontrollers	11.62	11.69	6.23	9.25	8.50	9.15	2.93	4.35	6.33	6.33	76.40
25	hariprasath-ece	ECE-B/8	33	EC8094/Satellite Communication	14.09	14.09	7.13	10.69	10.25	10.84	3.66	5.53	7.52	7.56	91.36
26	arunmozhi-ece	ECE-B/8	33	GE8076/Professional Ethics In Engineering	13.82	13.45	6.98	10.76	10.25	10.84	3.54	5.27	7.32	7.13	89.37
27	sairam-ece	EEE-A/4	40	EE8451/Linear Integrated Circuits And Applications	13.05	12.90	6.68	10.20	9.96	10.08	3.44	5.37	7.12	6.96	85.76
28	malaisamy-ece	ICE-A/4	37	EC8395/Communicationengineering	12.97	12.89	6.75	9.66	9.34	9.54	3.26	5.03	6.79	6.75	82.98



Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : ECE Month&Year: JUNE 2021

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				**15.0**	**15.0**	**8.0**	**12.0**	**12.0**	**12.0**	**4.0**	**6.0**	**8.0**	**8.0**	**100**
1	shamimbanu-ece	ECE-A/2	24	EC8251/Circuit Analysis	13.00	13.00	7.00	10.50	9.90	10.30	3.50	4.90	6.80	6.67	85.57
2	hariprasath-ece	ECE-A/2	26	EC8252/Electronic Devices	13.73	13.50	6.34	10.15	9.78	10.06	3.38	5.22	6.65	7.14	85.95
3	shanmugapriya-ece	ECE-A/4	43	EC8451/Electromagnetic Fields	13.53	13.33	6.92	10.60	10.44	10.72	3.52	5.22	7.00	7.11	88.38
4	shamimbanu-ece	ECE-A/4	40	EC8452/Electronic Circuits Ii	13.27	13.20	6.80	10.26	10.02	10.44	3.38	5.07	7.00	7.24	86.68
5	vaishanavi-ece	ECE-A/4	44	EC8453/Linear Integrated Circuits	13.57	12.89	7.20	10.47	10.53	10.58	3.51	5.45	7.13	7.16	88.49
6	padmaa-ece	ECE-A/4	40	EC8491/Communication Theory	13.57	13.35	7.16	10.44	10.44	10.56	3.58	5.25	6.84	7.00	88.19
7	rajeswaris-ece	ECE-A/6	22	EC8004/Wireless Networks	12.82	12.82	6.55	10.36	9.93	10.15	3.42	5.02	6.84	6.69	84.58
8	vennila-ece	ECE-A/6	22	EC8095/Vlsi Design	12.82	13.50	6.98	9.93	9.82	9.93	3.38	5.18	7.05	6.91	85.50
9	shanmugapriya-ece	ECE-A/6	21	EC8651/Transmission Lines And Rf Systems	12.57	13.14	6.63	9.60	9.83	9.94	3.31	4.97	6.78	6.78	83.56
10	mahendran-ece	ECE-A/6	22	EC8652/Wireless Communication	11.86	12.00	6.33	9.27	9.27	9.16	3.20	4.80	6.18	6.18	78.26
11	ramyav-ece	ECE-A/6	23	EC8691/Microprocessors And Microcontrollers	12.52	12.65	6.61	10.43	10.23	10.12	3.55	5.22	6.89	7.10	85.31
12	sivagamasundhari-ece	ECE-B/2	19	EC8251/Circuit Analysis	12.32	12.47	6.06	9.60	9.47	9.60	3.20	4.17	5.89	6.40	79.19
13	eindhumathy-ece	ECE-B/2	17	EC8252/Electronic Devices	11.29	10.76	5.55	8.33	8.47	9.18	2.68	4.59	5.93	5.93	72.72
14	mohan-ece	ECE-B/4	50	EC8451/Electromagnetic Fields	13.56	13.26	6.85	10.61	10.37	10.70	3.50	5.21	7.01	7.14	88.20

15	padmaa-ece	ECE-B/4	47	EC8452/Electronic Circuits Ii	13.28	13.09	6.67	10.11	10.01	10.47	3.37	5.00	7.01	7.25	86.26
16	eindhumathy-ece	ECE-B/4	51	EC8453/Linear Integrated Circuits	13.47	12.88	7.18	10.45	10.49	10.49	3.55	5.44	7.18	7.15	88.29
17	anthuvanlydia-ece	ECE-B/4	47	EC8491/Communication Theory	13.47	13.34	7.11	10.26	10.31	10.52	3.57	5.18	6.91	6.98	87.67
18	arunmozhi-ece	ECE-B/6	16	EC8004/Wireless Networks	12.56	12.00	6.50	9.75	9.15	9.75	3.20	5.03	6.60	6.90	81.44
19	santhim	ECE-B/6	16	EC8095/Vlsi Design	12.75	12.38	6.40	9.90	9.60	10.20	3.20	4.80	6.60	6.60	82.43
20	barithabegum-ece	ECE-B/6	16	EC8651/Transmission Lines And Rf Systems	13.50	13.12	6.80	10.95	9.75	10.95	3.55	5.40	7.10	7.10	88.22
21	sivakannu-ece	ECE-B/6	16	EC8652/Wireless Communication	13.88	14.25	7.20	10.80	10.65	11.40	3.60	5.62	7.20	7.70	92.30
22	malaisamy-ece	ECE-B/6	16	EC8691/Microprocessors And Microcontrollers	12.38	12.00	6.30	9.60	9.00	9.45	3.20	4.57	7.00	6.80	80.30
23	sairam-ece	EEE-A/4	41	EE8451/Linear Integrated Circuits And Applications	12.59	12.66	6.44	9.89	9.83	9.89	3.30	4.89	6.79	6.91	83.19
24	koushick-ece	EEE-B/4	40	EE8451/Linear Integrated Circuits And Applications	13.27	12.90	6.76	9.96	9.84	10.14	3.22	5.25	6.96	7.00	85.31
25	malaisamy-ece	ICE-A/4	41	EC8395/Communicationengineering	13.32	12.59	6.71	9.37	9.89	9.95	3.24	4.95	6.79	6.87	83.67

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept: ECE - A

Year/ Sem/Sec	I / II / A		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
HS8251	Gnanadesikan	IA Test	52	51	1	9	81	52	51	1	6	87	52	52	0	0	100
		Make up Test		—	—					—					—		
		Remarks			—					—					—		
MA8251	P.K. Lakshmi Devi	IA Test	52	51	1	0	98	52	52	0	2	96	52	52	0	0	100
		Make up Test			—					—				—			
		Remarks			—					—					—		
PH8253	Saravanadevi	IA Test	52	52	0	1	98	52	52	0	0	100	52	52	0	3	94
		Make up Test			—					—				—			
		Remarks			—					—					—		
Signature of QAC members with name			D Geetha (Dr. D. GEETHA)					D Geetha (Dr. D GEETHA)					D Geetha (Dr. D GEETHA)				
Signature of HOD			H.O.D					H.O.D					H.O.D				
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator			CAA					CAA					CAA				
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-21

Sem: ODD/ EVEN

Dept: ECE

Year/ Sem/Sec	I / II / A		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BE8254	Ramprasath	IA Test	52	52	0	0	100	52	52	0	0	100	52	52	0	0	100
		Make up Test			—				—					—			
		Remarks	—					—					—				
EC8251	A. Shamimbanu	IA Test	52	52	0	0	100	52	52	0	0	100	52	52	0	0	100
		Make up Test		—	—				—	—					—		
		Remarks	—					—					—				
EC8252	HariPrasath	IA Test	52	52	0	0	100	52	52	0	0	100	52	52	0	0	100
		Make up Test		—	—					—	—				—		
		Remarks	—					—					—				
Signature of QAC members with name			D Geetha (Dr. D. Geetha)					D Geetha (Dr. D. Geetha)					D Geetha (Dr. D. Geetha)				
Signature of HOD			M. Shd					M. Shd					M. Shd				
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 2021 | **Sem: ODD/~~EVEN~~** | **Dept** ECE

Year/ Sem/Sec	I / II / B																			
Subject Code	Name of faculty		Test I					Test II					Test III							
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
HS8251	Sriram	IA Test	51	51	0	1	98	51	51	0	0	100	51	50	1	0	98			
		Make up Test			—	—				—					—					
		Remarks	—					—					—							
MA8251	Anupiya	IA Test	51	51	0	1	98	51	51	0	1	98	51	51	0	0	100			
		Make up Test																		
		Remarks	—					—					—							
PH8253	Karthikeyan	IA Test	51	51	0	1	98	51	50	1	1	96	51	51	0	2	96			
		Make up Test			—					—					—					
		Remarks	—					—					—							
Signature of QAC members with name			D. Geetha (Dr. D. Geetha)					D. Geetha (Dr. D. GEETHA)					D. Geetha (Dr. D. GEETHA)							
Signature of HOD			S. N. A.					S. N. A.					S. N. A.							
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept ECE

Year/ Sem/Sec I | II | B

Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BE8254	Venugopal	IA Test	51	51	0	1	98	51	51	0	0	100	51	51	0	0	100
		Make up Test		—	—	—			—	—				—	—		
		Remarks	—					—					—				
EC8251	Sivagamasundari	IA Test	51	51	0	0	100	51	50	1	0	98	51	51	0	0	100
		Make up Test			—					—				—			
		Remarks	—					—					—				
EC8252	J. Eindhumathi	IA Test	51	51	0	4	92	51	50	1	0	98	51	51	0	1	98
		Make up Test		—						—				—			
		Remarks	—					—					—				
Signature of QAC members with name			D Geetha (Dr. D. GEETHA)					D Geetha (Dr. D. GEETHA)					D Geetha (Dr. D. GEETHA)				
Signature of HOD			M. Shd					M. Shd					M. Shd				
QAC In-Charge			S.D.A					S.D.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN ✓

Dept ECE

Year/ Sem/Sec	II / IV / A																			
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
EC8451	Dr.P.Shanmuggpriya	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100			
		Make up Test			—	—				—				—						
		Remarks	—					—					—							
EC8452	Ms.A.Shamim Banu	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100			
		Make up Test			—					—				—						
		Remarks	—					—					—							
EC8453	Ms.R.Vaishanavi	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100			
		Make up Test			—					—				—						
		Remarks	—					—					—							
Signature of QAC members with name			P.Shanmuggpriya S.Haripraseth					P.Shanmuggpriya S.Haripraseth					P.Shanmuggpriya S.Haripraseth							
Signature of HOD			M.E.,(Ph.D)					M.E.,(Ph.D)					M.E.,(Ph.D)							
QAC In-Charge			S.A.A.					S.A.A.					S.A.A.							
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec	II / IV / A																Sem: ODD/ EVEN				
																	Dept	ECE			
Subject Code	Name of faculty		Test I					Test II					Test III								
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %				
EC8491	Dr. M. Padmaa	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100				
		Make up Test			—	—				—	—			—							
		Remarks	—					—					—								
GE8291	Mr. A. Lakshmanan	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100				
		Make up Test		—					—					—							
		Remarks	—					—					—								
MA8451	Mr. Arunkumar	IA Test	60	60	0	1	98	60	60	0	0	100	60	60	0	0	100				
		Make up Test		—					—					—							
		Remarks	—					—					—								
Signature of QAC members with name			P Shanmugapriya S. Hariprasath					P Shanmugapriya S. Hariprasath					P Shanmugapriya S. Hariprasath								
Signature of HOD			M. Shd					M. Shd					M. Shd								
QAC In-Charge			S.N.A					S.N.A					S.N.A								
IQAC Co-ordinator																					
Principal																					

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept ECE

Year/ Sem/Sec	II / IV / B		Test I					Test II					Test III				
Subject Code	**Name of faculty**		**No of Students registered**	**No of students Attended**	**No of Absentees**	**No of Failures**	**Pass %**	**No of Students registered**	**No of students Attended**	**No of Absentees**	**No of Failures**	**Pass %**	**No of Students registered**	**No of students Attended**	**No of Absentees**	**No of Failures**	**Pass %**
EC8491	Mr. M. Anthuvan Lydia	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100
		Make up Test			—	—				—	—			—			
		Remarks	—					—					—				
GE8291	Dr.S.Bijarega	IA Test	60	60	0	1	98	60	60	0	1	98	60	60	0	0	100
		Make up Test		—					—					—			
		Remarks	—					—					—				
MA8451	Dr.S.Sivamani	IA Test	60	60	0	11	82	60	60	0	0	100	60	59	1	0	98
		Make up Test		—					—					—			
		Remarks	—					—					—				
Signature of QAC members with name			P.Shanmugapriya S.Hanith S.Hariprasath					P.Shanmugapriya S.Hanith S.Hariprasath					P.Shanmugapriya S.Hanith S.Hariprasath				
Signature of HOD			M.Sha					M.Sha					M.Sha				
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept: ECE

Year/ Sem/Sec	II / IV / B																
Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8451	Dr. V. Mohan	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100
		Make up Test		—	—	—			—	—				—			
		Remarks	—					—					—				
EC8452	Dr. M. Padmaa	IA Test	60	60	0	0	100	60	59	1	0	98	60	60	0	0	100
		Make up Test			—				—	—				—			
		Remarks	—					—					—				
EC8453	Ms. J. Eindhuma-thy	IA Test	60	60	0	0	100	60	60	0	0	100	60	59	1	0	98
		Make up Test		—	—				—	—				—			
		Remarks	—					—					—				
Signature of QAC members with name			P. Shanmugapriya S. Hariprasath					P. Shanmugapriya S. Hariprasath					P. Shanmugapriya S. Hariprasath				
Signature of HOD			M. Shaj					M. Shaj					M. Shaj				
QAC In-Charge			S.A.					S.A.					S.A.				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec	III / V / A																	Sem: ODD/ EVEN				
																		Dept	ECE			
Subject Code	Name of faculty		Test I					Test II					Test III									
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %					
EC8004	Dr.S Rajeswari	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100					
		Make up Test		—	—	—	—				—	—		—	—	—						
		Remarks	—					—					—									
EC8095	Dr.C.Vennila	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100					
		Make up Test		—	—					—	—	—		—								
		Remarks	—					—					—									
EC8651	Dr.P.Shanmugapriya	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100					
		Make up Test		—	—				—	—				—								
		Remarks	—					—					—									
Signature of QAC members with name			P.Shanmugapriya S.Haripprasath					P.Shanmugapriya S.Haripprasath					P.Shanmugapriya S.Haripprasath									
Signature of HOD			M. Sha					M. Sha					M. Sha									
QAC In-Charge.			S.A.A					S.A.A					S.A.A									
IQAC Co-ordinator			CAA					CAA					CAA									
Principal																						

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept: ECE

Year/ Sem/Sec	III / VI / A																			
Subject Code	Name of faculty		Test I					Test II					Test III							
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
EC8652	Mr. Mahendran	IA Test	60	60	0	4	93	60	60	0	0	100	60	60	0	0	100			
		Make up Test			—					—					—					
		Remarks	—					—					—							
EC8691	Ms. V. Ramya	IA Test	60	60	0	0	100	60	60	0	0	100	60	60	0	0	100			
		Make up Test		—						—					—					
		Remarks	—					—					—							
MG8591	Dr. Mahalakshmi	IA Test	60	59	1	1	97	60	60	0	0	100	60	60	0	0	100			
		Make up Test		—						—					—					
		Remarks	—					—					—							
Signature of QAC members with name			P.Shanmugapriya S.Tamil S.Haripraseth					P.Shanmugapriya S.Tamil S.Haripraseth					P.Shanmugapriya S.Tamil S.Haripraseth							
Signature of HOD			M. Shd					M. Shd					M. Shd							
QAC In-Charge			S.N.A					S.N.A					S.N.A							
IQAC Co-ordinator			CAP					CAP					CAP							
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept: ECE

Year/ Sem/Sec	III / VI / B		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8004	Dr.S.Arunmozhi	IA Test	59	58	1	0	98	59	59	0	0	100	59	59	0	0	100
		Make up Test			—				.		—				—		
		Remarks	—														
EC8095	Dr.M.Sarithi	IA Test	59	59	0	0	100	59	59	0	0	100	59	59	0	0	100
		Make up Test			—					—			—				
		Remarks	—					—					—				
EC8651	Dr.M.Banitha Begum	IA Test	59	57	0	2	97	59	59	0	0	100	59	59	0	0	100
		Make up Test			—	—				—					—		
		Remarks						—					—				
Signature of QAC members with name			P.Shanmugapriya S.Thanu S.Hariprasath					P.Shanmugapriya S.Thanu S.Hariprasath					P.Shanmugapriya S.Thanu S.Hariprasath				
Signature of HOD			M.Shd					M.Shd					M.Shd				
QAC In-Charge			S.D.A					S.D.A					S.D.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Year/ Sem/Sec: III / VI / B

Sem: ODD/ EVEN

Dept: ECE

Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8652	Mr. G. Sankaran	IA Test	59	57	0	2	97	59	58	0	01	98	59	59	0	0	100
		Make up Test		—	—					—	—				—		
		Remarks	—					—					—				
EC8691	Mr. K. Malaisamy	IA Test	59	59	0	0	100	59	59	0	0	100	59	59	0	0	100
		Make up Test		—	—					—	—				—		
		Remarks	—					—					—				
MG8591	Mr. Murali	IA Test	59	58	0	1	98	59	59	0	0	100	59	59	0	0	100
		Make up Test		—	—					—	—				—		
		Remarks	—					—					—				
Signature of QAC members with name			P.Sharmugapriya, S.Hariprasath					P.Sharmugapriya, S.Hariprasath					P.Sharmugapriya, S.Hariprasath				
Signature of HOD			M.Shd					M.Shd					M.Shd				
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020-2021

Sem: ODD/ EVEN

Dept: ECE

Year/ Sem/Sec	IV / VIII / A																			
Subject Code	Name of faculty		Test I					Test II					Test III							
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
EC8094	P. Sivagnanasundari	IA Test	58	58	0	0	100	58	58	0	0	100	58	58	0	0	100			
		Make up Test			—					—					—					
		Remarks	—					—					—							
GE8016	Dr. S. Rajeswari	IA Test	58	58	0	0	100	58	58	0	0	100	58	58	0	0	100			
		Make up Test		—					—						—					
		Remarks	—					—					—							
		IA Test																		
		Make up Test		—																
		Remarks																		
Signature of QAC members with name			1. P.Shanmugapriya 2. S. Hari	Sr. Haripraseth				1. P.Shanmugapriya 2. S. Hari	Sr. Haripraseth				1. P.Shanmugapriya 2. S. Hari	Sr. Haripraseth						
Signature of HOD																				
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020-2021

Year/ Sem/Sec	IV / VIII / B														Sem: ODD/ EVEN				
															Dept	ECE			
Subject Code	Name of faculty		Test I					Test II					Test III						
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EC8094	S Hariprasath	IA Test	57	56	1	0	98	57	56	1	0	98	57	56	1	0	98
		Make up Test			—	—				—	—				—		
		Remarks		—					—						—		
GE8076	Dr.S.A.Arunmozhi	IA Test	57	57	0	0	100	57	57	0	0	100	57	56	1	0	98
		Make up Test		—						—	—				—		
		Remarks		—					—						—		
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			1. P Sharmeggapriya S. Hariprasath					P Sharmeggapriya S. Hariprasath					P Sharmeggapriya S. Hariprasath						
Signature of HOD			M. Shd					M. Shd					M. Shd						
QAC In-Charge			S.A.A					S.A.A					S.A.A						
IQAC Co-ordinator																			
Principal																			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (ECE)**
Subject Code : **EC8351** NBA Code : **C203** Title **ELECTRONIC CIRCUITS- I**
Faculty: Mr.S.Hariprasath / Dr.M.Baritha Begum

Cos	CO Description	Attained Level	%
C203.1	Design, construct and analyze the operations of circuits with transistor biasing	2.81	93.67
C203.2	Analyze the performance of small signal BJT amplifiers - single stage and multi stage amplifiers	2.39	79.67
C203.3	Analyze the performance of small signal FET amplifiers - single stage and multi stage amplifiers	2.83	94.33
C203.4	Acquire knowledge of frequency response characteristics of BJT and FET amplifiers	3.0	100.00
C203.5	Acquire knowledge of Working principles, characteristics and applications of Rectifiers and Filters	2.58	86.00
C203.6	Apply the knowledge gained in the design of Regulators	2.68	89.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 120

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
222001	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222002	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222003	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222004	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222005	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222006	EC8351	3	2	2	3	3	2	28/12/2020	ECE	3
222007	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222008	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222009	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222010	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222011	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222012	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222013	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222014	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222015	EC8351	2	3	3	3	2	2	28/12/2020	ECE	3
222016	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222017	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222018	EC8351	3	2	2	3	2	2	28/12/2020	ECE	3
222019	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222020	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3

222021	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222022	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222023	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222024	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222025	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222026	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222027	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222028	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222029	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222030	EC8351	2	3	2	3	3	2	28/12/2020	ECE	3
222031	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222032	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222033	EC8351	3	2	3	3	2	2	28/12/2020	ECE	3
222034	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222035	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222036	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222037	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222038	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222039	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222040	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222041	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222042	EC8351	3	2	2	3	3	2	28/12/2020	ECE	3
222043	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222044	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222046	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222047	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222048	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222049	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222050	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222051	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222052	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222053	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222054	EC8351	3	2	2	3	2	2	28/12/2020	ECE	3
222055	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222056	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222057	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222058	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222059	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222060	EC8351	2	3	2	3	2	2	28/12/2020	ECE	3
222061	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222062	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222063	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3

222064	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222065	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222066	EC8351	3	2	2	3	3	2	28/12/2020	ECE	3
222067	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222068	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222069	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222070	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222071	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222072	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222073	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222074	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222075	EC8351	2	3	3	3	2	2	28/12/2020	ECE	3
222076	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222077	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222078	EC8351	3	2	2	3	3	2	28/12/2020	ECE	3
222079	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222080	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222081	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222082	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222083	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222084	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222085	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222086	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222087	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222088	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222089	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222090	EC8351	2	3	2	3	3	2	28/12/2020	ECE	3
222091	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222092	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222093	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222094	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222095	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222096	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222097	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222098	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222099	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222100	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222101	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222102	EC8351	3	2	2	3	3	2	28/12/2020	ECE	3
222103	EC8351	3	2	3	3	2	3	28/12/2020	ECE	3
222104	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3

222105	EC8351	2	3	3	3	3	2	28/12/2020	ECE	3
222106	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222107	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222108	EC8351	3	3	2	3	2	2	28/12/2020	ECE	3
222109	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222110	EC8351	2	3	3	3	2	3	28/12/2020	ECE	3
222111	EC8351	3	2	3	3	3	2	28/12/2020	ECE	3
222112	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222113	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222114	EC8351	3	2	2	3	3	2	28/12/2020	ECE	3
222115	EC8351	2	3	3	3	3	3	28/12/2020	ECE	3
222116	EC8351	3	3	3	3	2	3	28/12/2020	ECE	3
222117	EC8351	3	2	3	3	2	2	28/12/2020	ECE	3
222118	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222119	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
222120	EC8351	2	3	2	3	2	2	28/12/2020	ECE	3
222121	EC8351	3	2	3	3	3	3	28/12/2020	ECE	3
Attained Level		2.81	2.39	2.83	3.0	2.58	2.68			
%		93.67	79.67	94.33	100.00	86.00	89.33			

H.O.D. (ECE)
Saranathan College of Engg.
Trichirapalli - 620 012.

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (ECE)**
Subject Code : **EC8553** NBA Code : **C302** Title **Discrete-Time Signal Processing**
Faculty: Dr.P.Shanmugapriya / Mr.V.Koushick

Cos	CO Description	Attained Level	%
C302.1	Apply the basic concepts of signals and systems and DFT for the analysis of digital signals and systems	2.8	93.33
C302.2	Design and realize IIR filters for the given required specifications	2.48	82.67
C302.3	Design and realize linear phase FIR filters for the given specifications using various methods	2.84	94.67
C302.4	Characterize and analyze the effects of finite precision representation on digital filters	3.0	100.00
C302.5	Explain the operations of Digital Signal on fixed and floating point Processors.	2.59	86.33
C302.6	Apply and evaluate the DSP functionalities on Processors through programming for various applications.	2.66	88.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 119

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
202085	EC8553	2	3	3	3	2	3	28/12/2020	ECE	5
212001	EC8553	3	3	3		3	2	28/12/2020	ECE	5
212002	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212003	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212004	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5
212005	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212006	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212007	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212008	EC8553	3	3	3		2	3	28/12/2020	ECE	5
212009	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212010	EC8553	2	3	2	3	3	2	28/12/2020	ECE	5
212012	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212013	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212014	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212015	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212017	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212018	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212019	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212020	EC8553	2	3	3	3	2	3	28/12/2020	ECE	5
212021	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5

212022	EC8553	3	2	2	3	3	2	28/12/2020	ECE	5
212023	EC8553	3	3	3		2	3	28/12/2020	ECE	5
212024	EC8553	3	3	3		2	3	28/12/2020	ECE	5
212025	EC8553	2	3	3	3	3	2	28/12/2020	ECE	5
212026	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212027	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212028	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5
212029	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212030	EC8553	2	3	3		2	3	28/12/2020	ECE	5
212031	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212033	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212034	EC8553	3	2	2	3	3	2	28/12/2020	ECE	5
212035	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212036	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212037	EC8553	3	3	3		2	2	28/12/2020	ECE	5
212038	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212039	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212040	EC8553	2	3	2	3	2	2	28/12/2020	ECE	5
212041	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212042	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212043	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212044	EC8553	3	3	3		2	3	28/12/2020	ECE	5
212045	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212046	EC8553	3	2	2	3	3	2	28/12/2020	ECE	5
212047	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212048	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212049	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212050	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212051	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212052	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5
212053	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212054	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212055	EC8553	2	3	3	3	3	2	28/12/2020	ECE	5
212056	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212057	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212058	EC8553	3	2	2	3	2	2	28/12/2020	ECE	5
212059	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212060	EC8553	2	3	3	3	2	3	28/12/2020	ECE	5
212061	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212062	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212063	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212064	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5

212065	EC8553	2	3	3	3	2	3	28/12/2020	ECE	5
212066	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212067	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212068	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212069	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212070	EC8553	2	3	2	3	3	2	28/12/2020	ECE	5
212071	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212072	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212073	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212074	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212075	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212076	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5
212077	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212078	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212079	EC8553	3	2	3	3	2	2	28/12/2020	ECE	5
212081	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212082	EC8553	3	2	2	3	3	2	28/12/2020	ECE	5
212083	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212084	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212085	EC8553	2	3	3	3	2	2	28/12/2020	ECE	5
212086	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212087	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212088	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5
212089	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212090	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212091	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212092	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212093	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212094	EC8553	3	2	2	3	3	2	28/12/2020	ECE	5
212095	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212096	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212097	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212098	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212099	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212100	EC8553	2	3	2	3	2	2	28/12/2020	ECE	5
212101	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212102	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212103	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212104	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212105	EC8553	2	3	3	3	2	3	28/12/2020	ECE	5
212106	EC8553	3	2	2	3	2	2	28/12/2020	ECE	5

212107	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212108	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212109	EC8553	3	2	3	3	3	2	28/12/2020	ECE	5
212110	EC8553	2	3	3	3	3	3	28/12/2020	ECE	5
212111	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212112	EC8553	3	3	2	3	2	2	28/12/2020	ECE	5
212113	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
212114	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212115	EC8553	2	3	3	3	3	2	28/12/2020	ECE	5
212116	EC8553	3	3	3	3	2	3	28/12/2020	ECE	5
212117	EC8553	3	2	3	3	2	3	28/12/2020	ECE	5
212118	EC8553	3	2	2	3	3	2	28/12/2020	ECE	5
212119	EC8553	3	3	3		3	3	28/12/2020	ECE	5
212120	EC8553	2	3	3	3	2	3	28/12/2020	ECE	5
212121	EC8553	3	2	3	3	2	2	28/12/2020	ECE	5
212122	EC8553	3	2	3	3	3	3	28/12/2020	ECE	5
Attained Level		2.8	2.48	2.84	3.0	2.59	2.66			
%		93.33	82.67	94.67	100.00	86.33	88.67			

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Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (ECE)**
Subject Code : **EC8451** NBA Code : **C212** Title **ELECTROMAGNETIC FIELDS**
Faculty: Dr.P.Shanmugapriya / Dr.V.Mohan

Cos	CO Description	Attained Level	%
C212.1	Display an understanding of fundamental electromagnetic laws and concepts	2.8	93.33
C212.2	Analyze field potentials due to static charges and explain how materials affect electric fields.	2.51	83.67
C212.3	Analyze field potentials due to static magnetic fields and explain how materials affect magnetic fields.	2.83	94.33
C212.4	Write Maxwell's equations in integral, differential and phasor forms and explain their physical meaning, also analyze the relation between the fields under time varying situations	2.99	99.67
C212.5	Explain electromagnetic wave propagation in lossy and in lossless media.	2.63	87.67
C212.6	Discuss the principles of propagation of uniform plane waves	2.67	89.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 120

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
222001	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222002	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222003	EC8451	3	3	3		3	2	26/08/2021	ECE	4
222004	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222005	EC8451	2	3	3	3	2	3	26/08/2021	ECE	4
222006	EC8451	3	2	2	3	3	2	26/08/2021	ECE	4
222007	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222008	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222009	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222010	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222011	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222012	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222013	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222014	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222015	EC8451	2	3	3	3	3	2	26/08/2021	ECE	4
222016	EC8451	3	3	3		2	3	26/08/2021	ECE	4
222017	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222018	EC8451	3	2	2	3	3	2	26/08/2021	ECE	4
222019	EC8451	3	3	3		2	3	26/08/2021	ECE	4
222020	EC8451	2	3	3		2	3	26/08/2021	ECE	4

222021	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222022	EC8451	3	3	3		3	3	26/08/2021	ECE	4
222023	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222024	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222025	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222026	EC8451	2	3	2	2	2	2	26/08/2021	ECE	4
222027	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222028	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222029	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222030	EC8451	2	3	2	3	3	2	26/08/2021	ECE	4
222031	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222032	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222033	EC8451	3	2	3	3	2	2	26/08/2021	ECE	4
222034	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222035	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222036	EC8451	3	3	2		2	2	26/08/2021	ECE	4
222037	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222038	EC8451	3	2	3	3	2	3	26/08/2021	ECE	4
222039	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222040	EC8451	2	3	3	3	2	3	26/08/2021	ECE	4
222041	EC8451	3	3	3		3	3	26/08/2021	ECE	4
222042	EC8451	3	2	2	3	3	2	26/08/2021	ECE	4
222043	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222044	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222046	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222047	EC8451	3	2	3	3	2	3	26/08/2021	ECE	4
222048	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222049	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222050	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222051	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222052	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222053	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222054	EC8451	3	2	2	3	2	2	26/08/2021	ECE	4
222055	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222056	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222057	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222058	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222059	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222060	EC8451	2	3	2	3	2	2	26/08/2021	ECE	4
222061	EC8451	3	2	3	3	2	3	26/08/2021	ECE	4
222062	EC8451	3	3	3		3	3	26/08/2021	ECE	4
222063	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4

222064	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222065	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222066	EC8451	3	3	2		3	2	26/08/2021	ECE	4
222067	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222068	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222069	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222070	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222071	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222072	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222073	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222074	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222075	EC8451	2	3	3		2	2	26/08/2021	ECE	4
222076	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222077	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222078	EC8451	3	2	2	3	3	2	26/08/2021	ECE	4
222079	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222080	EC8451	2	3	3		2	3	26/08/2021	ECE	4
222081	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222082	EC8451	3	3	3		2	3	26/08/2021	ECE	4
222083	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222084	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222085	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222086	EC8451	3	3	3		3	3	26/08/2021	ECE	4
222087	EC8451	3	3	3		3	2	26/08/2021	ECE	4
222088	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222089	EC8451	3	3	3		2	3	26/08/2021	ECE	4
222090	EC8451	2	3	2	3	3	2	26/08/2021	ECE	4
222091	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222092	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222093	EC8451	3	3	3		3	2	26/08/2021	ECE	4
222094	EC8451	3	3	3		3	3	26/08/2021	ECE	4
222095	EC8451	2	3	3	3	3	3	26/08/2021	ECE	4
222096	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222097	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222098	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222099	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222100	EC8451	2	3	3	3	2	3	26/08/2021	ECE	4
222101	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222102	EC8451	3	2	2	3	3	2	26/08/2021	ECE	4
222103	EC8451	3	2	3	3	2	3	26/08/2021	ECE	4
222104	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4

222105	EC8451	2	3	3	3	3	2	26/08/2021	ECE	4
222106	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222107	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222108	EC8451	3	3	2	3	2	2	26/08/2021	ECE	4
222109	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222110	EC8451	2	3	3	3	2	3	26/08/2021	ECE	4
222111	EC8451	3	2	3	3	3	2	26/08/2021	ECE	4
222112	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222113	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222114	EC8451	3	2	2	3	3	2	26/08/2021	ECE	4
222115	EC8451	2	3	3		3	3	26/08/2021	ECE	4
222116	EC8451	3	3	3	3	2	3	26/08/2021	ECE	4
222117	EC8451	3	2	3	3	2	2	26/08/2021	ECE	4
222118	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222119	EC8451	3	2	3	3	3	3	26/08/2021	ECE	4
222120	EC8451	2	3	2	3	2	2	26/08/2021	ECE	4
222121	EC8451	3	3	3		3	3	26/08/2021	ECE	4
Attained Level		2.8	2.51	2.83	2.99	2.63	2.67			
%		93.33	83.67	94.33	99.67	87.67	89.00			

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Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **6** Programme: **B.E/B.Tech (ECE)**
Subject Code : **EC8652** NBA Code : **C312** Title **WIRELESS COMMUNICATION**
Faculty: Mr.M.Mahendran / Mr.G.Sivakannu

Cos	CO Description	Attained Level	%
C312.1	Understand the characteristics of various Wireless Channels.	2.8	93.33
C312.2	Understand the concept of cellular architecture and evaluate grade of service.	2.45	81.67
C312.3	Understand and apply various digital signaling schemes on fading channels.	2.83	94.33
C312.4	Evaluate and analyze multi path mitigation techniques.	2.99	99.67
C312.5	Design and create systems with transmit and receive diversity based MIMO systems and analyze their performance.	2.63	87.67
C312.6	Understand the concept of fading and non-fading techniques.	2.66	88.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 119

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
202085	EC8652	2	3	3	3	2	3	26/08/2021	ECE	6
212001	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212002	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212003	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212004	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212005	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212006	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212007	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212008	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212009	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212010	EC8652	2	3	2	3	2	2	26/08/2021	ECE	6
212012	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212013	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212014	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212015	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212017	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212018	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212019	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212020	EC8652	2	3	2	2	2	2	26/08/2021	ECE	6
212021	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212022	EC8652	3	2	2	3	3	2	26/08/2021	ECE	6
212023	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212024	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6

212025	EC8652	2	3	3		3	2	26/08/2021	ECE	6
212026	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212027	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212028	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212029	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212030	EC8652	2	3	3		2	3	26/08/2021	ECE	6
212031	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212033	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212034	EC8652	3	2	2	3	3	2	26/08/2021	ECE	6
212035	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212036	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212037	EC8652	3	2	3	3	2	2	26/08/2021	ECE	6
212038	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212039	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212040	EC8652	2	3	2	3	2	2	26/08/2021	ECE	6
212041	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212042	EC8652	3	3	3		3	3	26/08/2021	ECE	6
212043	EC8652	3	3	3		3	2	26/08/2021	ECE	6
212044	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212045	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212046	EC8652	3	3	2		3	2	26/08/2021	ECE	6
212047	EC8652	3	3	3		3	3	26/08/2021	ECE	6
212048	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212049	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212050	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212051	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212052	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212053	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212054	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212055	EC8652	2	3	3	3	3	2	26/08/2021	ECE	6
212056	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212057	EC8652	3	3	3		3	3	26/08/2021	ECE	6
212058	EC8652	3	2	2	3	2	2	26/08/2021	ECE	6
212059	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212060	EC8652	2	3	3	3	2	3	26/08/2021	ECE	6
212061	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212062	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212063	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212064	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212065	EC8652	2	3	3	3	2	3	26/08/2021	ECE	6
212066	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6

212067	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212068	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212069	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212070	EC8652	2	3	2	3	3	2	26/08/2021	ECE	6
212071	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212072	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212073	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212074	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212075	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212076	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212077	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212078	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212079	EC8652	3	2	3	3	2	2	26/08/2021	ECE	6
212081	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212082	EC8652	3	2	2	3	3	2	26/08/2021	ECE	6
212083	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212084	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212085	EC8652	2	3	3	3	3	2	26/08/2021	ECE	6
212086	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212087	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212088	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212089	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212090	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212091	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212092	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212093	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212094	EC8652	3	2	2	3	3	2	26/08/2021	ECE	6
212095	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212096	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212097	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212098	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212099	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212100	EC8652	2	3	2	3	2	2	26/08/2021	ECE	6
212101	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212102	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212103	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6
212104	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212105	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212106	EC8652	3	2	2	3	3	2	26/08/2021	ECE	6
212107	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212108	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212109	EC8652	3	2	3	3	3	2	26/08/2021	ECE	6

212110	EC8652	2	3	3	3	3	3	26/08/2021	ECE	6
212111	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212112	EC8652	3	3	2	3	2	2	26/08/2021	ECE	6
212113	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212114	EC8652	3	2	3	3	2	3	26/08/2021	ECE	6
212115	EC8652	2	3	3	3	3	2	26/08/2021	ECE	6
212116	EC8652	3	3	3	3	2	3	26/08/2021	ECE	6
212117	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212118	EC8652	3	2	2	3	3	2	26/08/2021	ECE	6
212119	EC8652	3	2	3	3	3	3	26/08/2021	ECE	6
212120	EC8652	2	3	3	3	2	3	26/08/2021	ECE	6
212121	EC8652	3	3	3		2	2	26/08/2021	ECE	6
212122	EC8652	3	3	3		3	3	26/08/2021	ECE	6
Attained Level		2.8	2.45	2.83	2.99	2.63	2.66			
%		93.33	81.67	94.33	99.67	87.67	88.67			

H.O.D. (ECE)
Saranathan College of Engg.,
Trichirapalli - 620 012.

Date: 21.01.2021

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON AUTONOMOUS AFFILIATED COLLEGES

December 2020 – May 2021 (Even Semester – Final Semester*)

UG & PG Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech.(Full-Time)	VIII	14.12.2020	12.04.2021**	15.04.2021	26.04.2021
2.	B.Arch. (Full-Time)	X				
3.	M.E. / M.Tech./ M.Arch.(FT)	IV				
4.	M.C.A. (Full-Time)	VI				
5.	M.B.A. (FT)	IV				
6.	M.Sc. (5 Yrs-Integrated)	X				
7.	M.B.A. (5 Yrs-Integrated)	X				

*** Odd Semester - End Semester Examinations Holidays from 01.02.2021 to 17.02.2021.**

NOTE:

1. The Theory and Practical Examination schedules will be published in due course (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

**** In order to ensure minimum no. of working days, the following 8 Saturdays are declared as working days.**

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	20.02.2021	Friday
2.	27.02.2021	Tuesday
3.	06.03.2021	Wednesday
4.	13.03.2021	Friday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
5.	20.03.2021	Monday
6.	27.03.2021	Tuesday
7.	03.04.2021	Wednesday
8.	10.04.2021	Thursday

21.1.2021

DIRECTOR
ACADEMIC COURSES

DAC - SB

Date: 21.01.2021

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON AUTONOMOUS AFFILIATED COLLEGES

February 2021 – June 2021 (Even Semester – Except II & Final Semester)*

UG & PG Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech.(Full-Time)	IV,VI	18.02.2021	21.05.2021**	24.05.2021	02.06.2021
2.	B.E. / B.Tech (Part-Time)	IV,VI				
3.	B.Arch. (Full-Time)	IV,VI,VIII				
4.	M.C.A. (Full-Time)	IV				
5.	M.Sc. (5 Yrs-Integrated)	IV,VI,VIII				
6.	M.B.A. (5 Yrs-Integrated)	IV,VI,VIII				

*** As per the directives of the Government of Tamil Nadu, the classes will be conducted in ONLINE mode**

RE - OPENING DAY FOR THE NEXT SEMESTER: 01.07.2021 (Thursday)

NOTE:

1. The Theory and Practical Examination schedules will be published in due course (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

**** In order to ensure minimum no. of working days, the following 12 Saturdays are declared as working days.**

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	20.02.2021	Friday
2.	27.02.2021	Tuesday
3.	06.03.2021	Wednesday
4.	13.03.2021	Friday
5.	20.03.2021	Monday
6.	27.03.2021	Tuesday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
7.	03.04.2021	Wednesday
8.	10.04.2021	Thursday
9.	17.04.2021	Friday
10.	24.04.2021	Monday
11.	08.05.2021	Tuesday
12.	15.05.2021	Wednesday

21.1.2021

DIRECTOR
ACADEMIC COURSES

DAC - SB

Date: 21.11.2020

REVISED

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON AUTONOMOUS AFFILIATED COLLEGES

November 2020 – March 2021 (ODD SEMESTER – I Semester)*

UG (FT) Degree Programmes

Sl. No	Programme	Semester	Commencement of Induction Programme	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech. (Full Time)	I	09.11.2020	23.11.2020	24.02.2021**	26.02.2021	08.03.2021
2.	B. Arch. (Full Time)	I	23.11.2020	30.11.2020	03.03.2021***	05.03.2021	15.03.2021

* As per the directives of the Government of Tamil Nadu, the classes will be conducted in ONLINE mode

RE-OPENING DAY FOR THE NEXT SEMESTER: 05.04.2021 (Monday)

1. Theory and Practical Examination schedules will be published in due course. (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

** In order to ensure minimum no. of working days, the following Saturdays are declared as working days.

Sl. No.	Working Days (Saturdays for UG (FT))	Time Table of the Week Day to be Followed
1.	28.11.2020	Monday
2.	05.12.2020	Tuesday
3.	12.12.2020	Wednesday
4.	19.12.2020	Thursday
5.	26.12.2020	Friday
6.	02.01.2021	Friday

Sl. No.	Working Days (Saturdays for UG (FT))	Time Table of the Week Day to be Followed
7.	09.01.2021	Thursday
8.	23.01.2021	Friday
9.	30.01.2021	Tuesday
10.	06.02.2021	Monday
11.	13.02.2021	Tuesday
12.	20.02.2021	Wednesday
13.	27.02.2021***	Thursday

21.11.2020

DIRECTOR
ACADEMIC COURSES

DAC - SB

Date : 06.08.2020

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON AUTONOMOUS AFFILIATED COLLEGES

August 2020 – November 2020 (ODD SEMESTER – Except I Semester)

UG & PG Programmes

Sl. No.	Programme	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	All UG/PG Programmes (except I Semester)	12.08.2020	26.10.2020**	28.10.2020	09.11.2020
2.	B.E. / B. Tech.(Part-Time) – III, V , VII				

RE - OPENING DAY FOR THE NEXT SEMESTER: 14.12.2020 (Monday)

NOTE:

1. The Theory and Practical Examination schedules which will be published in due course by the Controller of Examinations, Anna University, Chennai should be followed. (Practical Examinations will be conducted before the theory examinations).
2. Assessment Schedule for the August 2020 – November 2020 should be followed strictly.
3. Saturdays included in the Assessment period shall be used for conducting the Assessment Tests.

** In order to ensure minimum no. of working days, the following Saturdays are declared as working days.

Sl. No.	Working Days (Saturdays for UG & PG)	Time Table of the Week Day to be Followed
1.	05.09.2020	Tuesday
2.	12.09.2020	Friday
3.	19.09.2020	Monday
4.	26.09.2020	Tuesday

Sl. No.	Working Days (Saturdays for UG & PG)	Time Table of the Week Day to be Followed
5.	03.10.2020	Wednesday
6.	10.10.2020	Thursday
7.	17.10.2020	Friday
8.	24.10.2020	Monday

06/08/2020

DIRECTOR
ACADEMIC COURSES

6/8/2020

DAC - SB

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Calendar for EVEN semester(2020-21) - First YEAR UG w.e.f 08.04.2021 revised on 15.04.2021

APRIL'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days	JUNE'21	DAY	DETAILS	Day order	working days	JULY'21	DAY	DETAILS	Day order	working days
01	THU				01	SAT	May Day-Holiday			01	TUE	IA TEST-2	V	40	01	THU	IA TEST-3	IV	64
02	FRI				02	SUN	Holiday			02	WED	IA TEST-2	I	41	02	FRI	IA TEST-3	V	65
03	SAT				03	MON	IA TEST-1	III	18	03	THU	IA TEST-2	II	42	03	SAT	IA TEST-3	I	66
04	SUN				04	TUE	IA TEST-1	IV	19	04	FRI	IA TEST-2	III	43	04	SUN	Holiday		
05	MON				05	WED	IA TEST-1	V	20	05	SAT	IA TEST-2	IV	44	05	MON	Syllabus completion	II	67
06	TUE				06	THU	IA TEST-1	I	21	06	SUN	Holiday			06	TUE	Revision	III	68
07	WED				07	FRI	IA TEST-1	II	22	07	MON		V	45	07	WED	Revision	IV	69
08	THU	II Sem classes commences	I	1	08	SAT	IA TEST-1	III	23	08	TUE		I	46	08	THU	Last Working day/Revision	V	70
09	FRI		II	2	09	SUN	Holiday			09	WED		II	47	09	FRI			
10	SAT		III	3	10	MON		IV	24	10	THU		III	48	10	SAT			
11	SUN	Holiday			11	TUE		V	25	11	FRI		IV	49	11	SUN	Holiday		
12	MON		IV	4	12	WED		I	26	12	SAT	Holiday			12	MON			
13	TUE	Ugathi-Holiday			13	THU		II	27	13	SUN	Holiday			13	TUE			
14	WED	Tamil New year-Holiday			14	FRI	Ramzan-Holiday			14	MON		V	50	14	WED			
15	THU		V	5	15	SAT	Holiday			15	TUE		I	51	15	THU			
16	FRI		I	6	16	SUN	Holiday			16	WED		II	52	16	FRI			
17	SAT	Holiday			17	MON		III	28	17	THU		III	53	17	SAT			
18	SUN	Holiday			18	TUE		IV	29	18	FRI		IV	54	18	SUN	Holiday		
19	MON		II	7	19	WED		V	30	19	SAT		V	55	19	MON			
20	TUE		III	8	20	THU		I	31	20	SUN	Holiday			20	TUE			
21	WED		IV	9	21	FRI		II	32	21	MON		I	56	21	WED	Bakrid-Holiday		
22	THU		V	10	22	SAT		III	33	22	TUE		II	57	22	THU			
23	FRI		I	11	23	SUN	Holiday			23	WED		III	58	23	FRI			
24	SAT		II	12	24	MON		IV	34	24	THU		IV	59	24	SAT			
25	SUN	Holiday			25	TUE		V	35	25	FRI		V	60	25	SUN	Holiday		
26	MON		III	13	26	WED		I	36	26	SAT	Holiday			26	MON			
27	TUE		IV	14	27	THU		II	37	27	SUN	Holiday			27	TUE			
28	WED		V	15	28	FRI		III	38	28	MON	IA TEST-3	I	61	28	WED			
29	THU		I	16	29	SAT	Holiday			29	TUE	IA TEST-3	II	62	29	THU			
30	FRI		II	17	30	SUN	Holiday			30	WED	IA TEST-3	III	63	30	FRI			
					31	MON	IA TEST-2	IV	39						31	SAT			
No. of Working days			17	17				22	39				24	63				7	70
Total No.of working days for the semester :														70					

Academic Chair Person - I Year

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Calendar for Even semester(2020-21) - Second Year B.E/BTech revised on 15.04.2021

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	30	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON	IA Test 2	III	46
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		IV	47
05	FRI				05	FRI		V	10	05	MON	STUDENT FEEDBACK 1			05	WED		V	48
06	SAT				06	SAT	Holiday			06	TUE	Election			06	THU		I	49
07	SUN				07	SUN	Holiday			07	WED				07	FRI		II	50
08	MON				08	MON		I	11	08	THU		I	31	08	SAT		III	51
09	TUE				09	TUE		II	12	09	FRI		II	32	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	52
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	53
12	FRI				12	FRI		V	15	12	MON				12	WED		I	54
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU	STUDENT FEEDBACK 2	II	55
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan Holiday		
15	MON				15	MON	Offline Classes	i	16	15	THU		V	33	15	SAT	Holiday		
16	TUE				16	TUE	Offline Classes	ii	17	16	FRI		I	34	16	SUN	Holiday		
17	WED				17	WED	Offline Classes	iii	18	17	SAT	Holiday			17	MON	IA Test 3	III	56
18	THU				18	THU	Offline Classes	iv	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	57
19	FRI				19	FRI	Offline Classes	v	20	19	MON		II	35	19	WED	IA Test 3	V	58
20	SAT				20	SAT	Offline Classes	i	21	20	TUE		III	36	20	THU	IA Test 3	I	59
21	SUN	Holiday			21	SUN	Holiday			21	WED		IV	37	21	FRI	IA Test 3	II	60
22	MON	IV Sem class commences	I	1	22	MON	Offline Classes	ii	22	22	THU		V	38	22	SAT	IA Test 3	III	61
23	TUE		II	2	23	TUE	Offline Classes	iii	23	23	FRI		I	39	23	SUN	Holiday		
24	WED		III	3	24	WED	Offline Classes	iv	24	24	SAT		II	40	24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	Offline Classes	v	25	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	Offline Classes	i	26	26	MON	IA Test 2	III	41	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	IV	42	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED	IA Test 2	V	43	28	FRI			
					29	MON	IA Test 1	I	27	29	THU	IA Test 2	I	44	29	SAT			
					30	TUE	IA Test 1	II	28	30	FRI	IA Test 2	II	45	30	SUN			
					31	WED	IA Test 1	III	29						31	MON			
No. of Working days			5	5				24	29				16	45				16	61
																	Total No.of working days for the semester :		61

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Calendar for Even semester(2020-21) - Third Year B.E/BTech revised on 15.04.2021

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON	IA Test 2	III	45
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		IV	46
05	FRI				05	FRI		V	10	05	MON				05	WED		V	47
06	SAT				06	SAT	Holiday			06	TUE	Election			06	THU		I	48
07	SUN				07	SUN	Holiday			07	WED				07	FRI		II	49
08	MON				08	MON		I	11	08	THU		I	30	08	SAT		III	50
09	TUE				09	TUE		II	12	09	FRI		II	31	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	51
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	52
12	FRI				12	FRI		V	15	12	MON				12	WED		I	53
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU	STUDENT FEEDBACK 2	II	54
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan Holiday		
15	MON				15	MON		I	16	15	THU		V	32	15	SAT	Holiday		
16	TUE				16	TUE		II	17	16	FRI		I	33	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT	Holiday			17	MON	IA Test 3	III	55
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	56
19	FRI				19	FRI		V	20	19	MON		II	34	19	WED	IA Test 3	V	57
20	SAT				20	SAT	Holiday			20	TUE		III	35	20	THU	IA Test 3	I	58
21	SUN	Holiday			21	SUN	Holiday			21	WED		IV	36	21	FRI	IA Test 3	II	59
22	MON	VI Sem class commences	I	1	22	MON		I	21	22	THU		V	37	22	SAT	IA Test 3	III	60
23	TUE		II	2	23	TUE		II	22	23	FRI		I	38	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT		II	39	24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI		V	25	26	MON	IA Test 2	III	40	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	IV	41	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED	IA Test 2	V	42	28	FRI			
					29	MON	IA Test 1	I	26	29	THU	IA Test 2	I	43	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI	IA Test 2	II	44	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				16	44				16	60
																	Total No.of working days for the semester :		60

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for ODD semester(2020-21 ODD) - UG

JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	WED				01	SAT	Holiday			01	TUE	Holiday	IV	14	01	THU		IV	37	01	SUN	Holiday			01	TUE	
02	THU				02	SUN	Holiday			02	WED		V	15	02	FRI	Gandhi Jayanthi			02	MON	IA test -3	I	59	02	WED	
03	FRI				03	MON				03	THU		I	16	03	SAT	Holiday			03	TUE	IA test -3	II	60	03	THU	
04	SAT	Holiday			04	TUE				04	FRI		II	17	04	SUN	Holiday			04	WED	IA test -3	III	61	04	FRI	
05	SUN	Holiday			05	WED				05	SAT	Teachers day			05	MON	IA test - 2	V	38	05	THU		V	62	05	SAT	Holiday
06	MON				06	THU				06	SUN	Holiday			06	TUE	IA test - 2	I	**39**	06	FRI		I	63	06	SUN	Holiday
07	TUE				07	FRI				07	MON		III	18	07	WED	IA test - 2	II	40	07	SAT	Holiday			07	MON	
08	WED				08	SAT	Holiday			08	TUE		IV	**19**	08	THU		III	41	08	SUN	Holiday			08	TUE	
09	THU				09	SUN	Holiday			09	WED		V	20	09	FRI		IV	42	09	MON		II	64	09	WED	
10	FRI				10	MON				10	THU		I	**21**	10	SAT		V	43	10	TUE	revison	III	65	10	THU	
11	SAT	Holiday			11	TUE	Holiday			11	FRI	IA test - 1	I	22	11	SUN	Holiday			11	WED	revison	IV	66	11	FRI	
12	SUN	Holiday			12	WED	Janmashtami / International youth day			12	SAT	IA test - 1	II	23	12	MON		I	**44**	12	THU	Syllabus Completion	V	67	12	SAT	Holiday
13	MON	Webinar on E-PAYMENTS			13	THU	online class commences	I	1	13	SUN	Holiday			13	TUE		II	**45**	13	FRI				13	SUN	Holiday
14	TUE	Dimensification of Data using DBMS			14	FRI		II	2	14	MON	IA test - 1		24	14	WED		III	46	14	SAT	Holiday			14	MON	
15	WED	webinar on Unstructured Data			15	SAT	& Independence			15	TUE	Engineers day	II	25	15	THU		IV	47	15	SUN	Holiday			15	TUE	
16	THU	Webinar on Text Mining			16	SUN	Holiday			16	WED		III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	FRI	Webinar on Modern Computer Architecture			17	MON		III	3	17	THU		IV	27	17	SAT	Holiday			17	TUE				17	THU	University Practical Exam(online)
18	SAT	Holiday			18	TUE		IV	4	18	FRI		V	28	18	SUN	Holiday			18	WED				18	FRI	
19	SUN	Holiday			19	WED		V	5	19	SAT	Holiday			19	MON		I	49	19	THU				19	SAT	Holiday
20	MON	Webinar on Cognitive Cloud Computing			20	THU		I	6	20	SUN	Holiday			20	TUE		II	50	20	FRI				20	SUN	Holiday
21	TUE				21	FRI		II	7	21	MON		I	29	21	WED		III	51	21	SAT	Holiday			21	MON	
22	WED				22	SAT	Ganesh Chaturthi			22	TUE		II	30	22	THU		IV	52	22	SUN	Holiday			22	TUE	
23	THU				23	SUN	Holiday			23	WED		III	31	23	FRI		V	53	23	MON	Students' Feedback			23	WED	
24	FRI				24	MON		III	8	24	THU		IV	32	24	SAT	Holiday			24	TUE				24	THU	
25	SAT	Holiday			25	TUE		IV	9	25	FRI	Students' Feedback	V	33	25	SUN	Ayudha poojai			25	WED				25	FRI	
26	SUN	Holiday			26	WED		V	10	26	SAT	Holiday			26	MON	Vijayadhasami			26	THU				26	SAT	Holiday
27	MON				27	THU		I	11	27	SUN	Holiday			27	TUE		I	54	27	FRI				27	SUN	Holiday
28	TUE				28	FRI		II	12	28	MON		I	34	28	WED		II	55	28	SAT	Holiday			28	MON	
29	WED				29	SAT	Holiday			29	TUE		II	35	29	THU		III	56	29	SUN	Holiday			29	TUE	
30	THU				30	SUN	Holiday			30	WED		III	36	30	FRI		IV	57	30	MON				30	WED	
31	FRI	Bakrid			31	MON		III	13						31	SAT		V	58						31	THU	
No. of Working days									**13**					**23**					**22**					**09**			

Total No. of working days for the semester : **67**

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

EEE Ddepartment Academic Planner for ODD semester(2020-21 ODD) - UG

JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	WED				01	SAT	Holiday			01	TUE	Holiday	IV	14	01	THU		IV	37	01	SUN	Holiday			01	TUE	
02	THU				02	SUN	Holiday			02	WED		V	15	02	FRI	Gandhi Jayanthi			02	MON	IA test -3	I	59	02	WED	
03	FRI				03	MON	*AICTE STTP- PHASE-3*			03	THU		I	16	03	SAT	Holiday			03	TUE	IA test -3	II	60	03	THU	
04	SAT	Holiday			04	TUE	*AICTE STTP- PHASE-3*			04	FRI		II	17	04	SUN	Holiday			04	WED	IA test -3	III	61	04	FRI	
05	SUN	Holiday			05	WED	*AICTE STTP- PHASE-3*			05	SAT	Teachers day			05	MON	IA test - 2	V	38	05	THU	*ICECES'20*	V	62	05	SAT	Holiday
06	MON				06	THU	*AICTE STTP- PHASE-3*			06	SUN	Holiday			06	TUE	IA test - 2	I	39	06	FRI	*ICECES'20*	I	63	06	SUN	Holiday
07	TUE				07	FRI	*AICTE STTP- PHASE-3*			07	MON		III	18	07	WED	IA test - 2	II	40	07	SAT	Holiday			07	MON	
08	WED				08	SAT	*AICTE STTP- PHASE-3*			08	TUE		IV	19	08	THU		III	41	08	SUN	Holiday			08	TUE	
09	THU				09	SUN	Holiday			09	WED		V	20	09	FRI		IV	42	09	MON		II	64	09	WED	
10	FRI				10	MON				10	THU		I	21	10	SAT		V	43	10	TUE	revison	III	65	10	THU	
11	SAT	Holiday			11	TUE	Holiday			11	FRI	IA test - 1	I	22	11	SUN	Holiday			11	WED	revison	IV	66	11	FRI	
12	SUN	Holiday			12	WED	Janmashtami / International youth day			12	SAT	IA test - 1	II	23	12	MON		I	44	12	THU	Syllabus Completion	V	67	12	SAT	Holiday
13	MON				13	THU	online class commences	I	1	13	SUN	Holiday			13	TUE		II	45	13	FRI				13	SUN	Holiday
14	TUE				14	FRI		II	2	14	MON	IA test - 1		24	14	WED		III	46	14	SAT	Holiday			14	MON	
15	WED	*AICTE STTP- PHASE-I*			15	SAT	Avani Avitam & Independence Day			15	TUE	Engineers day	II	25	15	THU		IV	47	15	SUN	Holiday			15	TUE	
16	THU	*AICTE STTP- PHASE-I*			16	SUN	Holiday			16	WED		III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	FRI	*AICTE STTP- PHASE-I*			17	MON		III	3	17	THU		IV	27	17	SAT	Holiday			17	TUE				17	THU	University Practical Exam(online)
18	SAT	*AICTE STTP-PHASE-I*			18	TUE		IV	4	18	FRI		V	28	18	SUN	Holiday			18	WED				18	FRI	
19	SUN	Holiday			19	WED		V	5	19	SAT	Holiday			19	MON		I	49	19	THU				19	SAT	Holiday
20	MON	*AICTE STTP- PHASE-I*			20	THU		I	6	20	SUN	Holiday			20	TUE		II	50	20	FRI				20	SUN	Holiday
21	TUE	*AICTE STTP- PHASE-I*			21	FRI		II	7	21	MON		I	29	21	WED		III	51	21	SAT	Holiday			21	MON	
22	WED				22	SAT	Ganesh Chaturthi			22	TUE		II	30	22	THU		IV	52	22	SUN	Holiday			22	TUE	
23	THU	*AICTE STTP- PHASE-2*			23	SUN	Holiday			23	WED		III	31	23	FRI		V	53	23	MON	Students' Feedback			23	WED	
24	FRI	*AICTE STTP- PHASE-2*			24	MON		III	8	24	THU		IV	32	24	SAT	Holiday			24	TUE				24	THU	
25	SAT	*AICTE STTP- PHASE-2*			25	TUE		IV	9	25	FRI	Students' Feedback	V	33	25	SUN	Ayudha poojai			25	WED				25	FRI	
26	SUN	*Holiday*			26	WED		V	10	26	SAT	Holiday			26	MON	Vijayadhasami			26	THU				26	SAT	Holiday
27	MON	*AICTE STTP- PHASE-2*			27	THU		I	11	27	SUN	Holiday			27	TUE		I	54	27	FRI				27	SUN	Holiday
28	TUE	*AICTE STTP- PHASE-2*			28	FRI		II	12	28	MON		I	34	28	WED		II	55	28	SAT	Holiday			28	MON	
29	WED	*AICTE STTP- PHASE-2*			29	SAT	Holiday			29	TUE		II	35	29	THU		III	56	29	SUN	Holiday			29	TUE	
30	THU				30	SUN	Holiday			30	WED		III	36	30	FRI		IV	57	30	MON				30	WED	
31	FRI	Bakrid			31	MON		III	13						31	SAT		V	58						31	THU	
No. of Working days									**13**					**23**					**22**					**9**			

Total No. of working days for the semester : **67**

HOD

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12
EEE Department Academic Planner for Even semester (2020-21)

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
1	MON				1	MON		I	6	1	THU	IA Test 1	IV	29	1	SAT	Holiday		
2	TUE				2	TUE		II	7	2	FRI	IA Test 1, Good Friday			2	SUN	Holiday		
3	WED	Founder's day			3	WED		III	8	3	SAT	IA Test 1, Holiday			3	MON		IV	51
4	THU				4	THU		IV	9	4	SUN	Holiday			4	TUE		V	52
5	FRI				5	FRI		V	10	5	MON	Offline Classes commences	I	30	5	WED		I	53
6	SAT				6	SAT	Holiday			6	TUE		II	31	6	THU		II	54
7	SUN				7	SUN	Holiday			7	WED		III	32	7	FRI		III	55
8	MON				8	MON		I	11	8	THU	NAAC committee visit	IV	33	8	SAT	Holiday		
9	TUE				9	TUE		II	12	9	FRI	NAAC committee visit	V	34	9	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT		I	35	10	MON		IV	56
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	57
12	FRI				12	FRI		V	15	12	MON		II	36	12	WED		I	58
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year, Offline	III	37	13	THU	STUDENT FEEDBACK -	II	59
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON		I	16	15	THU		IV	38	15	SAT	IA Test 3(online)		
16	TUE				16	TUE		II	17	16	FRI		V	39	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT		I	40	17	MON	IA Test 3	III	60
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	61
19	FRI				19	FRI		V	20	19	MON		IV	41	19	WED	IA Test 3	V	62
20	SAT				20	SAT	Holiday			20	TUE		V	42	20	THU	IA Test 3	I	63
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	43	21	FRI	IA Test 3	II	64
22	MON	VI Sem class commences	I	1	22	MON		I	21	22	THU	IA Test 2	II	44	22	SAT			
23	TUE		II	2	23	TUE		II	22	23	FRI	IA Test 2	III	45	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI		V	25	26	MON	IA Test 2	IV	46	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	47	27	THU			
28	SUN	Holiday			28	SUN	Holiday			28	WED		I	48	28	FRI			
					29	MON	IA Test 1	I	26	29	THU		II	49	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI		III	50	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				22	50				14	64

Total No.of working days for the semester : 64

HOD/EEE

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

Department of Electrical & Electronics Engineering

WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2020-21 (ODD SEM)

Date: 05.08.20

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM/SEC/ BRANCH	THEORY/ LAB/PROJECT	HOURS	TOTAL HOURS
1	Dr.C.Krishnakumar Prof & Head	Power Plant Engineering	ME8792	II/III/A/EEE	THEORY	4	4
2	Dr.S.Vijayalakshmi Assoc.Prof.	Digital Logic Circuits	EE8351	II/III/B/EEE	THEORY	6	20
		Microprocessors and Microcontrollers	EE8551	III/V/A/EEE	THEORY	4	
		Electronics Laboratory	EC8311	II/III/B/EEE	LAB	6	
		Power Electronics Circuits Lab	PX5111	I/I/PED	LAB	4	
3	Dr.M.V.Suganyadevi Assoc.Prof.	Power System Analysis	EE8501	III/V/A/EEE	THEORY	5	19
		Power System Operation and Control	EE8702	IV/VII/A/EEE	THEORY	5	
		Power System Simulation Laboratory	EE8711	IV/VII/B/EEE	LAB	6	
		Electrical Engineering Laboratory(MECH)	EE8361	II/III/A/MECH	LAB	3	
4	Mr.B.Paranthagan Assoc.Prof.	Electromagnetic Theory	EE8391	II/III/A/EEE	THEORY	6	20
		Power System Transients	EE8010	IV/VII/A/EEE	THEORY	5	
		Electrical Machines Laboratory - I	EE8301	III/V/A/EEE	LAB	3	
		Power System Simulation Laboratory	EE8711	IV/VII/A/EEE	LAB	6	
5	Mr.R.Balasubramanian Assoc.Prof.	Power Electronics	EE8552	III/V/B/EEE	THEORY	5	19
		High Voltage Engineering	EE8701	IV/VII/A/EEE	THEORY	5	
		Control and Instrumentation Laboratory	EE8511	III/V/A/EEE	LAB	6	
		Electrical Machines Laboratory - I	EE8311	II/III/B/EEE	LAB	3	
6	Dr.K.Rajkumar Asst.Prof.	Electrical Machines - I	EE8301	II/III/A/EEE	THEORY	5	20
		Power System Transients	EE8010	IV/VII/B/EEE	THEORY	5	
		Control System Design for Power Electronics	PX5091	I/I/PED	THEORY	4	
		Electrical Machines Laboratory - I	EE8311	II/III/A/EEE	LAB	6	
7	Mr.M.Marimuthu Asst.Prof.	Microprocessors and Microcontrollers	EE8551	III/V/B/EEE	THEORY	4	19
		Renewable Energy Systems	EE8703	IV/VII/B/EEE	THEORY	5	
		System Theory	IN5152	I/I/PED	THEORY	4	
		Control and Instrumentation Laboratory	EE8511	III/V/B/EEE	LAB	6	
		Project Work Phase I	PX5311	II/III/PED	PROJECT		
8	Mrs.C.Pearline kamalini Asst.Prof.	Electron Devices and Circuits	EC8353	II/III/B/EEE	THEORY	5	19
		Renewable Energy Systems	EE8703	IV/VII/A/EEE	THEORY	5	
		Renewable Energy Systems Laboratory	EE8712	IV/VII/A/EEE	LAB	6	
		Electronics Laboratory	EC8311	II/III/B/EEE	LAB	3	
9	Mr.S.Ramprasath Asst.Prof.	Electrical Drives and Controls (MECH)	EE8353	II/III/A/MECH	THEORY	5	20
		Power Electronics	EE8552	III/V/A/EEE	THEORY	5	
		Analysis and Design of Power Converters	PX5152	I/I/PED	THEORY	4	
		Renewable Energy Systems Laboratory	EE8712	IV/VII/A/EEE	LAB	6	
10	Mr.P.K.Arunkumar Asst.Prof.	Power Plant Engineering	ME8792	II/III/B/EEE	THEORY	4	21
		Power Semiconductor Devices	PX5101	I/I/PED	THEORY	4	
		Wind Energy Conversion Systems	PX5071	II/III/PED	THEORY	4	
		Electrical Engineering Laboratory(MECH)	EE8361	II/III/A/MECH	LAB	6	
		Renewable Energy Systems Laboratory	EE8712	IV/VII/B/EEE	LAB	3	
11	Mr.P.Ramesh babu Asst.Prof.	Electrical Machines - I	EE8301	II/III/B/EEE	THEORY	5	22
		Analysis of Electrical Machines	PX5151	I/I/PED	THEORY	4	
		Power Electronics for Renewable Energy	PX5072	II/III/PED	THEORY	4	
		Electrical Machines Laboratory - I	EE8311	II/III/B/EEE	LAB	6	
		Renewable Energy Systems Laboratory	EE8712	IV/VII/B/EEE	LAB	3	
12	Mr.P.Ram Prakash Asst.Prof.	Digital Signal Processing	EE8591	III/V/B/EEE	THEORY	5	19
		Fiber Optics and Laser Instrumentation	EI8075	IV/VII/A/EEE	THEORY	5	
		Renewable Energy Systems Laboratory	EE8712	IV/VII/B/EEE	LAB	6	
		Electrical Engineering Laboratory(MECH)	EE8361	II/III/B/MECH	LAB	3	

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM/SEC/ BRANCH	THEORY/ LAB/PROJECT	HOURS	TOTAL HOURS
13	Mr.R.Sridhar Asst.Prof.	Electron Devices and Circuits	EC8353	II/III/A/EEE	THEORY	5	19
		Electrical Drives and Controls (MECH)	EE8353	II/III/B/MECH	THEORY	5	
		Electrical Engineering Laboratory(MECH)	EE8361	II/III/B/MECH	LAB	6	
		Electronics Laboratory	EC8311	II/III/B/EEE	LAB	3	
14	Mr.R.Venugopal Asst.Prof.	Basics of Biomedical Instrumentation	OMD551	III/V/A/EEE	THEORY	4	21
		Fiber Optics and Laser Instrumentation	EI8075	IV/VII/B/EEE	THEORY	5	
		Electronics Laboratory	EC8311	II/III/A/EEE	LAB	6	
		Electrical Machines Laboratory - I	EE8311	II/III/B/EEE	LAB	3	
		Electrical Engineering Laboratory(MECH)	EE8361	II/III/B/MECH	LAB	3	
15	Mr.R.Satheesh Asst.Prof.	Power System Analysis	EE8501	III/V/B/EEE	THEORY	5	19
		Power System Operation and Control	EE8702	IV/VII/B/EEE	THEORY	5	
		Power System Simulation Laboratory	EE8711	IV/VII/B/EEE	LAB	6	
		Power System Simulation Laboratory	EE8711	IV/VII/A/EEE	LAB	3	
16	Mr.R.Vijay Asst.Prof.	High Voltage Engineering	EE8701	IV/VII/B/EEE	THEORY	5	21
		Solar andEnergy Storage Systems	PS5092	II/III/PED	THEORY	4	
		Control and Instrumentation Laboratory	EE8511	III/V/A/EEE	LAB	6	
		Electrical Machines Laboratory - I	EE8311	II/III/A/EEE	LAB	3	
		Control and Instrumentation Laboratory	EE8511	III/V/B/EEE	LAB	3	
17	Ms.N.Gayathri Asst.Prof.	Electromagnetic Theory	EE8391	II/III/B/EEE	THEORY	6	20
		Basics of Biomedical Instrumentation	OMD551	III/V/B/EEE	THEORY	4	
		Electrical Machines Laboratory - I	EE8311	II/III/A/EEE	LAB	3	
		Control and Instrumentation Laboratory	EE8511	III/V/B/EEE	LAB	3	
		Training and Placement			T&P	4	
18	Ms.A.R.Danila Shirly Asst.Prof.	Digital Logic Circuits	EE8351	II/III/A/EEE	THEORY	6	20
		Digital Signal Processing	EE8591	III/V/A/EEE	THEORY	5	
		Electronics Laboratory	EC8311	II/III/A/EEE	LAB	6	
		Power System Simulation Laboratory	EE8711	IV/VII/A/EEE	LAB	3	
TOTAL PERIODS							**342**

HoD/EEE

Principal

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, NBA Accredited, Affiliated to Anna University, Chennai)

DEPARTMENT OF ~~INFORMATION TECHNOLOGY~~ EEE

Academic Year - (2020-2021 - EVEN SEM) - III Yr - VI SEM E

REVIEW OF COURSE FILE

EE8602 - PROTECTION AND SWITCHGEAR.

S.No.	Details	Review				
		1	2	3	4	5
	Date:					
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy [1]	✓				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities[1]	✓				
3.	Syllabus signed by staff & HoD[1]	✓				
4.	Lecture Schedule signed by staff & HoD[1]	✓				
5.	Course Committee meeting circular and minutes[1]	✓				
6.	Identification of Curricular gap and Content Beyond the syllabus[1]	✓				
7.	Previous AU Question papers (at least 5)[1]	✓				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers[1]	✓				
9.	Unit wise course material [1]	✓				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry [234]	✓	✓	✓	✓	
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry [234]		✓	✓	✓	
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry[234]		✓	✓	✓	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. [234]					
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers[234]					
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers[234]					
16.	AU Web portal entry sheet[234]		✓		✓	
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.[23]					
18.	Absence for two tests-action taken-communication to parents-evidence. [23]					
19.	Indiscipline of student reported, if any [234]					
20.	Special class/coaching class/remedial class/attendance-CAP [234]				✓	
21.	Conduct of Seminar, Quizzes - proof[234]				✓	
22.	Content beyond the syllabus – proof [234]				✓	
23.	Course end survey [4]					
24.	Internal Assessment sheet [4]				✓	
25.	AU question paper with students feedback [5]				✓	
26.	Discrepancy of the question paper and correspondence, if any [5]					
27.	AU result analysis-Details of arrear students. [5]					
28.	AU grade sheet [5]				✓	
29.	CO – PO & PSO attainment sheet [5]					
	Signature of Course handling faculty					
	Signature of HoD					

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SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
(Accredited by NBA)

LECTURE SCHEDULE

Degree/Programme: B.E / EEE
Duration: AUG 2020 – NOV2020
Semester: VII

Course code & Name: EE8703-Renewable Energy Systems
Name of the Faculty : Ms.C.Pearline Kamalini & Mr.M.Marimuthu
Section: A & B **Regulation:** 2017/AUC

OBJECTIVES

- Recognize current and possible future role of renewable energy sources.
- Adequate inputs on a variety of issues in harnessing renewable Energy.
- Awareness about renewable Energy Sources and technologies.

COURSE OUTCOMES: After the course, the student should be able to:

CO	Course	PO	PSO
C453.1	Ability to create awareness about renewable Energy Sources and technologies.	1,2,3,4,5,7,12	1,2
C453.2	Ability to get adequate inputs on a variety of issues in harnessing renewable Energy.	1,2,3,4,5,7,12	1,2
C453.3	Ability to recognize current and possible future role of renewable energy sources.	1,2,3,4,5,7,12	1,2
C453.4	Ability to explain the various renewable energy resources and technologies and their applications	1,2,3,4,5,7,12	1,2
C453.5	Ability to understand basics about Biomass energy.	1,2,3,4,5,7,12	1,2
C453.6	Ability to acquire knowledge about Solar energy.	1,2,3,4,5,7,12	1,2

S.No	Topics to be Covered	Book No [Page No]
	UNIT I - RENEWABLE ENERGY (RE) SOURCES	
1	Introduction	T1,T2 and R6
2	Environmental consequences of fossil fuel use, Importance of renewable sources of energy.	
3	Sustainable Design and development, Types of RE sources, Limitations of RE sources	
4	Present Indian and international energy scenario of conventional sources.	
5	Present Indian and international energy scenario of RE sources.	
	UNIT II - WIND ENERGY	
6	Introduction - Power in the Wind.	T1, T2
7	Types of Wind Power Plants(WPPs)–Components of WPPs-Working of WPPs.	
8	Definitions and Control methods of Wind Turbine	
9	Topologies of Wind Energy Conversion Systems.	
10	Sitting of WPPs-Grid integration issues of WPPs.	
	UNIT III - SOLAR PV AND THERMAL SYSTEMS	
11	Solar Energy- terms and Definitions	
12	Solar Cell and its Characteristics –Definition, Losses.	
13	Solar Collectors – Definitions ,Types and features	
14	Thermal Energy storage system with PCM	

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15	Photovoltaic cell concepts: Cell, module, array ,PV Module I and Efficiency .	R3
16	Basic Principle of SPV conversion – Types of PV Systems.	
17	Solar Thermal Power Plant, Central Receiver Power Plants, Solar Ponds.	
18	Maximum Power Point Tracking and Applications	
19	Design of Solar PV system and Problems.	
	UNIT IV BIOMASS ENERGY	
20	Introduction-Bio mass resources , terms and Definitions	T2, R6
21	Energy from Bio mass: conversion processes	
22	Bio mass Cogeneration-Environmental Benefits.	
23	Geothermal Energy: Basics, Direct Use, Geothermal Electricity.	
24	Mini/micro hydro power - Classification of hydropower schemes	
25	Classification of water turbine, Turbine theory, Essential components of	
	UNIT V OTHER ENERGY SOURCES	
26	Tidal Energy: Energy from the tides, Barrage and Non Barrage Tidal power	T2, R6
27	Wave Energy: Energy from waves, wave power devices.	
28	Ocean Thermal Energy Conversion Systems (OTEC)	
29	Hydrogen Production and Storage- Fuel cell : Principle of working- various types - construction and applications. Energy Storage System	
30	Hybrid Energy Systems.	

Books: Text/Reference

S.L.No	Text/Ref	Title of the Book	Author	Publisher	Year
1	T1	Wind Power Plants and Project Development', PHI Power Systems Quality	Joshua Earnest, Tore Wizeliu,	PHI Learning Pvt.Ltd, New Delhi, (For Chapter 2)	2011
2	T2	Renewable Energy Sources and Emerging Technologies	D.P.Kothari, K.C Singal, Rakesh Ranjan,	PHI Learning Pvt.Ltd, New Delhi, (For Chapter 1, 2, 3 4 and 5)	2013
3	R3	Solar Photovoltaics : Fundamentals, Technologies and	Chetan Singh Solanki,	PHI Learning Pvt.Ltd, New Delhi, (For Chapter 3)	2011
4	R6	Non-conventional Energy resources	Shobh Nath Singh	Pearson Education (For Chapter 4& 5)	2015

`Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
C453.1	3	2	2	2	2	-	3	-	-	-	-	3	2	2
C453.2	3	2	2	2	2	-	3	-	-	-	-	3	2	2
C453.3	3	2	2	2	2	-	3	-	-	-	-	3	2	2
C453.4	3	2	2	2	2	-	3	-	-	-	-	3	2	2
C453.5	3	2	2	2	2	-	3	-	-	-	-	3	2	2
C453.6	3	2	2	2	2	-	3	-	-	-	-	3	2	2

Content Beyond Syllabus	POs strengthened / vacant filled	CO / Unit
Introduction to E-Vehicles, Battery Storage systems.	PO6 (2) (Support)	4534.3 & 453.6 /III 453E4.4/V

Staff Incharge

1.

2.

HOD/EEE

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Saranathan College of Engineering

Tiruchirapalli

Assignment- I			Date of Submission		03-06-2021
Course code	EE8602	Course Title	Protection and Switchgear		
Year	III	Semester/ Section	VI / A & B	Academic Year	2020-2021 EVEN.

Unit-1

1. A 132 kV, 3-phase, 50 Hz transmission line 200 km long consists of three conductors of effective diameter 20 mm arranged in a vertical plane with 4 m spacing and regularly transposed. Find the inductance and kVA rating of the arc suppression coil in the system

2. A 230 kV, 3-phase, 50 Hz, 200 km transmission line has a capacitance to earth of 0.02 μF/km per phase. Calculate the inductance and kVA rating of the Peterson coil used for earthing the above system

3. Determine the inductance of Peterson coil to be connected between the neutral and ground to neutralize the charging current of overhead line having the line to ground capacitance of 0.15μF. If the supply frequency is 50 HZ and the operating voltage is 132KV. Find the KVA rating of the coil.

STAFF INCHARGE

HOD/EEE

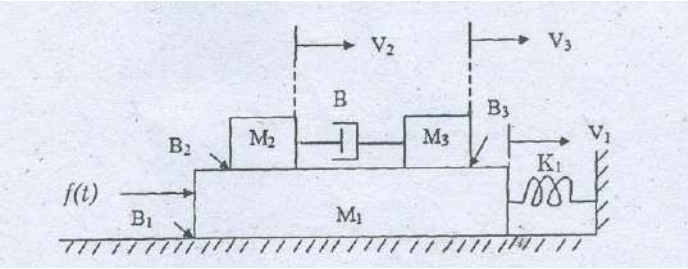
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SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Tutorial– 01			**Date of Issue:**	08.04.21	**Marks**	20
Course code	IC8451	**Course Title**	Control Systems			
Year	II	**Semester/Section**	IV / A	**Date of Submission**	16.04.21	

Q.No	**Questions**	**CO**
1.	Derive the transfer function of armature controlled and field-controlled DC Servomotor.	C214.1
2.	Determine the transfer function of the below mechanical system. 	C214.1

Signature of the Faculty Incharge **HoD/EEE**

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai–25
NBA, NAAC A+ Accredited)
Venkateshwara Nagar, Panjappur, Tiruchirappalli -12

Department of Electrical and Electronics Engineering

Year: IV Year/VII Sem

AY:2020-21 (Odd Sem)

EE8711 Power system Simulation Lab

List Of Experiments:

Cycle:I

1. Computation of Transmission Line Parameters
2. Formation of Bus Admittance and Impedance Matrices and Solution of Networks
3. Power Flow Analysis using Gauss-Seidel Method.
4. Power Flow Analysis using Newton Raphson Method
5. Symmetric and unsymmetrical fault analysis

Cycle:II

6. Transient stability analysis of SMIB System
7. Economic Dispatch in Power Systems
8. Load – Frequency Dynamics of Single- Area and Two-Area Power Systems
9. State estimation: Weighted least square estimation
10. Electromagnetic Transients in Power Systems : Transmission Line Energization

Staff Incharge **HOD/EEE**

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 31 – 10 – 2020

Ref : SCE/Syllabus/Laboratory/2020-21- ODD sem/

EI8457 – Electrical Machines and Instrumentation Lab

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature : 

Name : R. VIJAY

Designation : AP

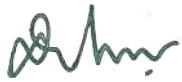
Department : EEE

Signature : 

Name : VENUGOPAL R

Designation : AP.

Signature of HoD : 

Principal : 

Note: List of the students who have not got bonafide, if any, to be enclosed.

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SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 31.05.2021

Ref : SCE/Syllabus/ Theory/2020-21 – ODD sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject PROFESSIONAL ETHICS IN ENGINEERING code GE 8076 for IV year, VIII semester, department of EEE B.E/B.Tech/MBA during the academic year 2020 – 21 ~~Odd~~ EVEN semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 45 periods, revised syllabus for 03 periods and discussed the Anna University Examination question papers of the last 05 years.

Signature :

Name : P.RAM PRAKASH

Designation : AP

Department : EEE

Date : 31.05.2021

Signature of HoD :

Principal :

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SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 28-5-21

Ref : SCE/Syllabus/Laboratory/2020-21- Even sem/

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded. for Electrical machines-II lab.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	:
Name	: R.VIJAY	Name	: R. SATHEESH
Designation	: AP	Designation	: AP
Department	: EEE		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed.

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SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 28.05.2021

Ref : SCE/Syllabus/ Theory/2020-21 –EVEN sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject TRANSMISSION & DISTRIBUTION code EE8402 for II year, IV semester, department of EEE B.E/~~B.Tech/MBA~~ during the academic year 2020 – 21 Even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 50 periods, revised syllabus for 3 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature :

Name : R-SATHEESH

Designation : AP

Department : EEE

Date : 28.05.2021

Signature of HoD :

Principal :

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 21

Sem: ~~ODD~~/ EVEN

Year/ Sem/Sec	I / II / EEE																Dept	EEE
			Test I					Test II					Test III					
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	
BE8252	Ms. REKHA (Mech)	IA Test	66	64	2	-	97	66	65	-	1	98	66	66	-	0	100	
		Make up Test	-	-	-	-	-											
		Remarks																
EE8251	MR. BALASUBRAMANIAN (EEE)	IA Test	66	66	-	1	98	66	66	-	-	100	66	66	-	1	98	
		Make up Test																
		Remarks																
GE8291	Mr. Lakshmanan (Chem)	IA Test	66	66	-	7	89	66	66	-	-	100	66	66	-	1	98	
		Make up Test																
		Remarks																
Signature of QAC members with name			S. SANDRA					S. Sandra					S. Sandra					
Signature of HOD																		
QAC In-Charge			S.A.					S.A.					S.A.					
IQAC Co-ordinator																		
Principal																		

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Saranathan College of Engineering

QAC - Audit Report

Academic Year :

Sem: ODD/ EVEN

Year/ Sem/Sec	I / II / EEE																			
			Dept	EEE																
				Test I					Test II					Test III						
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
HS8251	Mr. C. Gnanadeekan (English)	IA Test	66	66	-	15	60	66	66	-	9	86	66	61	5	1	91			
		Make up Test																		
		Remarks																		
MA8251	Ms. Geetha (Maths)	IA Test	66	66	-	1	98	66	66	-	8	88	66	66	-	4	94			
		Make up Test																		
		Remarks																		
PH8253	Mr. Senthilkumar. (Physics)	IA Test	66	66	-	6	91	66	66	-	1	98	66	66	-	8	88			
		Make up Test																		
		Remarks																		
Signature of QAC members with name																				
Signature of HOD																				
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

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Saranathan College of Engineering

QAC - Audit Report

Academic Year :2020-2021

Year/ Sem/Sec	II/IV/A													Sem: EVEN				
			Test I					Test II						Dept		EEE		
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	Test III				
													No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8401	Dr.P.K.arunkumar	IA Test	45	45	0	2	96	45	45	-	-	100	45	45	Nil	100	100
		Make up Test															
		Remarks	-					-					-				
EE8402	Dr.M.V.Suganyadevi	IA Test	45	45	-	18	60	45	45	0	0	100	45	45	-	-	100
		Make up Test															
		Remarks	Past B Questions were frequently solved.					-					-				
EE8403	Ms.Danila Shirly	IA Test	45	45	-	-	100	45	45	-	3	93	45	45	-	-	100
		Make up Test															
		Remarks	-					-					-				
Signature of QAC members with name			Dr. M.V. SUGANYADEVI					Dr. M.V. Suganya					Dr. M.V. Suganya				
Signature of HOD																	
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021

Year/ Sem/Sec	II/IV/A												Sem: EVEN				
													Dept	EEE			
Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8451	Mr.Sairam	IA Test	45	45	–	–	100	45	45	–	–	100	45	45	–	–	100
		Make up Test															
		Remarks	–					–					–				
IC8451	Mr.R.Sridhar	IA Test	45	45	–	17	62	45	45	–	–	100	45	45	–	–	100
		Make up Test															
		Remarks	–					–					–				
MA8491	Dr.Subhashini	IA Test	45	45	–	6	87	45	45	–	–	100	45	45	–	2	96
		Make up Test															
		Remarks	–					–					–				
Signature of QAC members with name			Dr. N.V. Sujatha					Dr. N.V. Sujatha					Dr. N.V. Sujatha				
Signature of HOD																	
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021

Sem: EVEN

Year/ Sem/Sec	III/VI/A																	
			Test I					Test II					Dept	EEE				
													Test III					
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8002	Dr. P.K. Arun Kumar.	IA Test	56	56	-	1	89	56	56	-	-	100	56	56	-	-	100
		Make up Test															
		Remarks	-					-					-				
EE P005	Ms. Pearlin Kamalin.	IA Test	56	56	-	17	70	56	56	-	10	82	56	56	-	3	95
		Make up Test															
		Remarks	-					-					-				
EE 8601	Mr. Ram Prasath	IA Test	56	56	-	1	98	56	56	-	-	100	56	56	-	-	100
		Make up Test															
		Remarks	-					-					-				
Signature of QAC members with name			Dr. M.V. Sugavaneswari					Dr. M.V. Sugavaneswari					Dr. M.V. Sugavaneswari					
Signature of HOD			S.N.					S.N.					S.N.					
QAC In-Charge																		
IQAC Co-ordinator																		
Principal																		

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Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021

Year/ Sem/Sec	III/VI/A														Sem: EVEN				
															Dept		EEE		
Subject Code	Name of faculty		Test I					Test II					Test III						
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8602	Dr. M.V Suganyadevi.	IA Test	~~56~~	56	-	7	87	56	56	-	2	96	56	56	-	0	100
		Make up Test															
		Remarks	-					-					-				
EE8691	Mr. B. Paramasiva.	IA Test	~~56~~	56	-	-	100	56	56	-	-	100	56	56	-	-	100
		Make up Test															
		Remarks	-					-					-				
	-	IA Test	~~56~~					~~56~~					56				
		Make up Test															
		Remarks															
Signature of QAC members with name			Dr. M.V. Suganyadevi					Dr. M.V. Suganyadevi					Dr. M.V. Suganyadevi				
Signature of HOD			S.A.					S.A.					S.A.				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021

Year/ Sem/Sec	IV/VIII/A														Sem: EVEN				
															Dept		EEE		
			Test I					Test II					Test III						
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8017	Mr. B. Paranthaman	IA Test	63	63	–	–	100	63	63	–	–	100	63	63	–	–	100
		Make up Test															
		Remarks	–					–					–				
GE8076	Dr. L. Rajkumar	IA Test	63	63	–	25	60	63	63	–	32	49	63	63	–	37	41
		Make up Test															
		Remarks	–					Part B question were case study.					Part B & Part C question were analytical type.				
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			Dr. K.V. Suryadevi					Dr. K.V. Suryadevi					Dr. K.V. Suryadevi				
Signature of HOD			S.A.					S.A.					S.A.				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021

Year/ Sem/Sec	II/IV/B												Sem: EVEN				
													Dept	EEE			
Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8401	Dr.R.Rajkumar	IA Test	48	48	0	5	90	48	48	0	5	90.	48	48	0	1	98.
		Make up Test															
		Remarks	-					-					-				
EE8402	Mr.R.Satheesh	IA Test	48	48	0	7	85	48	48	0	17	65	48	48	0	24	50
		Make up Test															
		Remarks	-					-					Students made careless mistakes They were counselled and motivated to do better in university exam				
EE8403	Ms.N.Gayathri	IA Test	48	48	0	1	98	48	48	0.	1	98	48	48	0	0	100.
		Make up Test															
		Remarks	-					-					-				
Signature of QAC members with name			1. M.MARIMUTHU - M.Marimuthu					M. Marimuthu & M.MARIMUTHU					M. Marimuthu & M.MARIMUTHU				
Signature of HOD			S.N.A					S.N.A					S.N.A				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering

QAC - Audit Report

Academic Year :2020-2021

Year/ Sem/Sec	II/IV/B												Sem: EVEN				
													Dept	EEE			
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE8451	Mr.Koushick	IA Test	48	48	0	7	85	48	48	0	3	94	48	48	0	0	100.
		Make up Test															
		Remarks	–					–					–				
IC8451	Mr.M.Marimuthu	IA Test	48	48	0	0	100.	48	48	0	0	100.	48	48	0	4	92.
		Make up Test															
		Remarks	–					–					–				
MA8491	Dr.Lakshmidevi	IA Test	48	48	0	8	83.	48	48	0	0	100.	48	48	0.	1	98.
		Make up Test															
		Remarks	–					–					–				
Signature of QAC members with name			H. Hafeez Khan [M. MARIMUTHU]					H. Hafeez Khan [M. MARIMUTHU]					H. Hafeez Khan [M. MARIMUTHU]				
Signature of HOD			S.N.A					S.N.A					S.N.A				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 2021

Sem: ODD/ EVEN

Dept EEE

Year/ Sem/Sec III Y / VI Sem B

Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Fallures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Fallures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Fallures	Pass %
EE 8002.	Mr. P. Ramesh Babu.	IA Test	55	55	0	0	100	55	55	0	0	100	55	55	0	0	100
		Make up Test															
		Remarks	—					—					—				
EE 8005	Mr. R. Venugopal	IA Test	55	55	0	7	87	55	55	0	0	100	55	55	0	0	100
		Make up Test															
		Remarks	—					—					—				
EE 8601.	Mr. R. Balasubramanian	IA Test	55	55	0	1	98	55	55	0	0	100	55	55	0	0	100
		Make up Test															
		Remarks	—					—					—				

Signature of QAC members with name — M. MARIMUTHU — M. MARIMUTHU — M. MARIMUTHU

Signature of HOD — S.N.A — S.N.A — S.N.A

QAC In-charge

IQAC Co-ordinator

Principal

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020–2021

Sem: ~~ODD~~/ EVEN ✓

Dept

Year/ Sem/Sec	III y/ VI SEM / B		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE 8602.	Dr.C krishnakumar	IA Test	55	55	0	2	96	55	55	0	1	98	55	55	0	0	100
		Make up Test															
		Remarks	—					—					—				
EE 8691.	Mr. R. Vijay	IA Test	55	55	0	0	100	55	55	0	0	100	55	55	0	0	100
		Make up Test															
		Remarks	—					—					—				
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			H. Hafeezullah, M. MARIMUTHU, C.A., S.A.A.					H. Hafeezullah, M. MARIMUTHU, C.A., S.A.A.					H. Hafeezullah, M. MARIMUTHU, C.A., S.A.A.				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021

Sem: EVEN

Year/ Sem/Sec	IV/VIII/B												Dept	EEE			
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
EE 8017	Dr.S. Vijayalakshmi	IA Test	60	60	0	6	90.	60	60	0	4	92	60	60	0	41	32.
		Make up Test															
		Remarks	—					—					Since, it was a last date, hence students did not care about this test. I gave lot of study material. after this test.				
GE 8076.	Mr. P. Ravi prakash.	IA Test	60	60	0	2	97	60	60	0	7	88	60	60	0	15	75
		Make up Test															
		Remarks	—					—					—				
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			M. Rajalakshmi SM. MARIMUTHU					M. Rajalakshmi SM. MARIMUTHU					M. Rajalakshmi SM. MARIMUTHU				
Signature of HOD			S.N.A.					S.N.A.					S.N.A.				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

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Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : EEE Month&Year: NOV/DEC 2020

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				**15.0**	**15.0**	**8.0**	**12.0**	**12.0**	**12.0**	**4.0**	**6.0**	**8.0**	**8.0**	**100**
1	sridhar-eee	EEE-A/3	52	EC8353/Electron Devices And Circuits	13.10	11.08	5.48	9.69	7.11	8.17	2.45	4.57	6.15	5.38	73.17
2	rajkumar-eee	EEE-A/3	52	EE8301/Electrical Machines - I	12.23	10.90	5.94	10.34	8.63	7.89	2.92	4.34	4.83	6.55	74.58
3	danila-eee	EEE-A/3	52	EE8351/Digital Logic Circuits	13.10	10.50	5.32	10.15	6.83	8.17	2.88	4.43	5.91	5.51	72.80
4	paranthagan-eee	EEE-A/3	51	EE8391/Electromagnetic Theory	14.35	12.76	6.75	11.44	9.93	10.54	3.47	5.32	7.09	7.03	88.67
5	krishnakumar-eee	EEE-A/3	51	ME8792/Power Plant Engineering	13.00	11.06	5.84	10.82	9.32	8.28	3.01	4.68	5.40	5.96	77.37
6	suganyadevi-eee	EEE-A/5	58	EE8501/Power System Analysis	13.91	10.55	5.32	10.01	7.24	8.44	2.77	4.94	6.29	6.01	75.51
7	vijayalakshmi-eee	EEE-A/5	58	EE8551/Microprocessors And Microcontrollers	12.88	10.34	5.77	10.97	8.36	8.52	2.87	4.72	5.93	5.99	76.34
8	ramprasath-eee	EEE-A/5	58	EE8552/Power Electronics	14.12	12.88	6.76	11.30	9.06	9.97	3.52	4.43	5.32	7.31	84.67
9	danila-eee	EEE-A/5	58	EE8591/Digital Signal Processing	14.53	12.67	6.15	10.80	7.94	9.23	3.02	5.03	6.92	6.68	82.98
10	venugopal-eee	EEE-A/5	58	OMD551/Basics Of Biomedical Instrumentation	14.33	13.66	6.81	11.42	11.13	10.72	3.52	5.26	6.84	6.98	90.66
11	paranthagan-eee	EEE-A/7	56	EE8010/Power Systems Transients	14.52	12.70	6.69	10.89	9.69	9.26	3.16	4.97	6.66	6.29	84.80

12	balasubramanian-eee	EEE-A/7	56	EE8701/High Voltage Engineering	13.39	11.20	5.20	9.09	7.59	8.06	2.39	4.05	5.71	4.69	71.35
13	suganyadevi-eee	EEE-A/7	56	EE8702/Power System Operation And Control	14.36	12.75	6.49	11.31	10.33	10.29	3.37	5.01	6.91	7.03	87.85
14	pearline-eee	EEE-A/7	56	EE8703/Renewable Energy Systems	13.61	11.09	4.74	9.56	8.23	8.61	2.57	4.39	6.20	6.20	75.20
15	ramprakash-eee	EEE-A/7	56	EI8075/Fibre Optics And Laser Instruments	13.71	11.04	5.86	10.67	8.36	8.36	2.70	4.26	5.86	6.00	76.81
16	pearline-eee	EEE-B/3	54	EC8353/Electron Devices And Circuits	13.33	10.72	5.04	8.84	6.93	7.64	2.33	4.38	5.63	5.48	70.33
17	rameshbabu-eee	EEE-B/3	55	EE8301/Electrical Machines - I	14.18	13.20	6.66	10.95	10.25	10.25	3.53	5.11	6.81	6.46	87.41
18	vijayalakshmi-eee	EEE-B/3	54	EE8351/Digital Logic Circuits	13.39	10.83	5.48	9.64	6.80	8.58	2.64	4.93	6.25	6.52	75.07
19	gayathri-eee	EEE-B/3	54	EE8391/Electromagnetic Theory	14.61	13.44	6.99	11.64	10.76	10.67	3.61	5.47	6.96	7.35	91.51
20	arunkumar-eee	EEE-B/3	54	ME8792/Power Plant Engineering	13.89	12.11	6.25	10.58	8.27	8.84	2.83	4.84	6.25	6.34	80.21
21	satheesh-eee	EEE-B/5	53	EE8501/Power System Analysis	14.43	12.96	6.25	10.46	9.01	9.55	2.85	4.98	6.76	6.16	83.43
22	marimuthu-eee	EEE-B/5	53	EE8551/Microprocessors And Microcontrollers	14.15	11.49	6.70	11.05	8.69	8.78	3.05	4.98	6.76	6.37	82.03
23	balasubramanian-eee	EEE-B/5	53	EE8552/Power Electronics	14.60	13.64	6.76	11.28	9.92	9.78	3.15	5.21	6.85	5.31	86.51
24	ramprakash-eee	EEE-B/5	53	EE8591/Digital Signal Processing	14.26	11.94	5.98	10.46	7.06	9.10	2.94	5.30	7.15	6.88	81.09
25	gayathri-eee	EEE-B/5	53	OMD551/Basics Of Biomedical Instrumentation	13.75	11.66	7.18	11.73	11.09	9.92	3.56	5.41	7.03	7.28	88.62
26	rajkumar-eee	EEE-B/7	59	EE8010/Power Systems Transients	13.88	11.49	6.51	10.98	9.19	9.48	3.24	4.94	6.54	6.18	82.44
27	vijay-eee	EEE-B/7	59	EE8701/High Voltage Engineering	14.19	13.42	6.81	11.35	10.37	10.21	3.24	4.94	6.81	6.48	87.82
28	satheesh-eee	EEE-B/7	59	EE8702/Power System Operation And Control	13.68	11.49	6.07	10.86	8.87	8.75	3.00	4.56	6.05	6.45	79.77

29	marimuthu-eee	EEE-B/7	59	EE8703/Renewable Energy Systems	13.88	11.64	6.18	10.70	7.89	8.62	2.75	4.70	6.43	6.18	78.98
30	venugopal-eee	EEE-B/7	59	EI8075/Fibre Optics And Laser Instruments	12.71	9.86	4.88	9.44	6.83	7.40	2.58	4.17	5.53	5.34	68.75
31	vigneshwaran-eee	ICE-A/3	40	EC8353/Electron Devices And Circuits	14.77	13.50	6.52	11.40	10.14	10.38	3.30	5.25	6.92	6.88	89.07
32	tamilarasant-eee	ICE-A/5	55	OCE551/Air Pollution And Control Engineering\	13.53	11.40	5.91	10.34	8.47	8.95	2.97	4.58	6.60	6.20	78.93
33	ramprasath-eee	MECH-A/3	62	EE8353/Electrical Drives And Controls	14.76	12.77	6.92	11.65	10.53	10.06	3.37	5.19	6.89	7.07	89.21
34	sridhar-eee	MECH-B/3	62	EE8353/Electrical Drives And Controls	13.06	10.94	5.60	9.56	8.25	7.90	2.58	4.55	6.06	3.56	72.06

SARANATHAN COLLEGE OF ENGINEERING

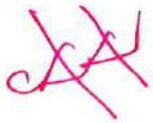
DEPARTMENT OF EEE

ACTION TAKEN REPORT OF NOV-DEC-2020 FEEDBACK

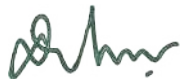
S.no	staffcode	branch /Sem	No. participated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/ Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Counselling and being Friendly	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Ability to Ensure Steady Pace Coverage of Syllabus	(10) Ability to Speak Loudly and Clearly	Total Out of
Weigtage -->					15	15	8	12	12	12	4	6	8	8	100
1.	venugopal-eee	EEE-B/7	59	EI8075 / Fibre Optics And Laser Instruments	12.71	9.86	4.88	9.44	6.83	7.40	2.58	4.17	5.53	5.34	68.75
2.	sridhar-eee	MECH-B/3	62	EE8353/Electrical Drives And Controls	13.06	10.94	5.60	9.56	8.25	7.90	2.58	4.55	6.06	3.56	72.06
3.	rajkumar-eee	EEE-A/3	52	EE8301 / Electrical Machines - I	12.23	10.90	5.94	10.34	8.63	7.89	2.92	4.34	4.83	6.55	74.58
4.	danila-eee	EEE-A/3	52	EE8351 / Digital Logic Circuits	13.10	10.50	5.32	10.15	6.83	8.17	2.88	4.43	5.91	5.51	72.80
5.	Balasubramanian-eee	EEE-A/7	56	EE8701/High Voltage Engineering	13.39	11.20	5.20	9.09	7.59	8.06	2.39	4.05	5.71	4.69	71.35

6.	pearline-eee	EEE-B/3	54	EC8353/ Electron Devices And Circuits	13.33	10.72	5.04	8.84	6.93	7.64	2.33	4.38	5.63	5.48	70.33

The above staffs were called for a meeting with HOD at his cabin. They were communicated about their feedback score and were advised to take some measures to improve their performance. They were insisted to do students counselling in a friendly way and were asked to give the real time applications about their subject so as to make the students to be more interactive with utmost interest in the class. Also added that, they should be a little bit louder while teaching and to be well prepared for the class. Head of Department insisted all faculty to treat all students equally and to interact with all students frequently so as to create enthusiasm in the subject. He instructed all to complete the syllabus in a steady pace. The staff members were also accepted the suggestions given by HOD and assured to do the same.



HOD/EEE



PRINCIPAL

Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : EEE Month&Year: MAR/APR 2021

S.no	staffcode	branch /Sem	No. participated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				**15.0**	**15.0**	**8.0**	**12.0**	**12.0**	**12.0**	**4.0**	**6.0**	**8.0**	**8.0**	**100**
1	marimuthu-eee	CIVIL-A/2	20	BE8251/Basic Electrical And Electronics Engineering	13.50	13.65	7.12	10.32	10.32	10.32	3.36	5.40	7.36	7.20	88.55
2	vijayalakshmi-eee	CSE-A/2	51	BE8255/Basic Electrical, Electronics And Measurement Engineering	13.65	13.00	6.78	10.07	9.51	10.35	3.50	5.53	7.09	6.96	86.44
3	pearline-eee	CSE-B/2	50	BE8255/Basic Electrical, Electronics And Measurement Engineering	13.32	13.32	6.62	9.60	9.55	10.18	3.26	5.18	6.85	6.98	84.86
4	ramprasath-eee	ECE-A/2	28	BE8254/Basic Electrical And Instrumentation Engineering	13.61	13.61	6.91	8.66	9.60	9.51	3.14	4.93	6.86	6.91	83.74
5	venugopal-eee	ECE-B/2	19	BE8254/Basic Electrical And Instrumentation Engineering	12.47	11.84	6.32	9.60	9.60	9.98	3.28	4.55	6.32	6.57	80.53
6	balasubramanian-eee	EEE-A/2	61	EE8251/Circuit Theory	13.97	14.02	7.19	11.10	10.03	10.70	3.66	5.19	7.13	7.32	90.30
7	arunkumar-eee	EEE-A/4	41	EE8401/Electrical Machines - Ii	13.24	13.46	6.63	10.42	10.36	10.30	3.26	5.24	6.87	7.18	86.97
8	suganyadevi-eee	EEE-A/4	41	EE8402/Transmission And Distribution	13.32	13.10	6.91	10.42	9.78	10.01	3.32	5.18	7.06	6.67	85.76
9	danila-eee	EEE-A/4	41	EE8403/Measurements And Instrumentation	13.54	13.68	6.83	10.24	9.48	10.13	3.30	5.33	7.02	7.18	86.73
10	sridhar-eee	EEE-A/4	40	IC8451/Control Systems	13.57	13.27	6.76	9.78	10.08	10.08	3.36	5.31	6.96	6.44	85.62
11	arunkumar-eee	EEE-A/6	22	EE8002/Design Of Electrical Apparatus	13.09	13.36	6.91	9.93	8.73	9.38	3.20	5.18	6.76	6.91	83.45
12	pearline-eee	EEE-A/6	24	EE8005/Special Electrical Machines	12.75	12.38	6.47	9.90	9.30	9.80	3.37	5.10	6.73	6.67	82.46
13	ramprasath-eee	EEE-A/6	24	EE8601/Solid State Drives	13.50	13.62	7.00	10.10	10.20	10.30	3.53	5.45	7.13	6.33	87.18
14	suganyadevi-eee	EEE-A/6	21	EE8602/Protection And Switchgear	13.29	13.57	7.24	10.86	11.31	10.51	3.62	5.37	7.01	6.63	89.41
15	paranthagan-eee	EEE-A/6	22	EE8691/Embedded Systems	11.45	11.73	6.25	8.40	7.96	8.84	3.02	4.36	5.75	5.38	73.15
16	paranthagan-eee	EEE-A/8	51	EE8017/High Voltage Direct Current Transmission	12.71	12.53	6.37	9.41	9.69	9.55	3.28	4.94	6.59	6.56	81.63
17	rajkumar-eee	EEE-A/8	46	GE8076/Professional Ethics In Engineering	13.04	12.85	6.23	9.65	10.33	9.81	3.18	4.85	6.75	6.89	83.58
18	rameshbabu-eee	EEE-B/6	33	EE8002/Design Of Electrical Apparatus	12.73	12.91	6.50	10.18	9.89	10.11	3.39	5.09	6.74	6.88	84.42
19	venugopal-eee	EEE-B/6	32	EE8005/Special Electrical Machines	11.81	11.62	6.20	9.15	9.15	9.23	3.25	4.88	6.50	6.00	77.79
20	balasubramanian-eee	EEE-B/6	31	EE8601/Solid State Drives	12.58	12.19	6.66	9.52	9.83	9.68	3.33	4.88	6.40	6.86	81.94
21	krishnakumar-eee	EEE-B/6	31	EE8602/Protection And Switchgear	12.68	12.29	6.40	9.91	9.83	9.91	3.35	4.88	6.61	6.55	82.41
22	vijay-eee	EEE-B/6	32	EE8691/Embedded Systems	12.66	12.66	6.30	9.90	9.82	9.98	3.35	4.88	6.65	6.55	82.74
23	vijayalakshmi-eee	EEE-B/8	39	EE8017/High Voltage Direct Current Transmission	13.08	12.77	6.44	9.78	9.42	9.54	3.22	5.02	6.81	6.81	82.88

24	ramprakash-eee	EEE-B/8	38	GE8076/Professional Ethics In Engineering	12.79	12.87	6.61	9.92	10.36	9.92	3.37	5.02	6.82	6.74	84.41
25	vigneshwaran-eee	ICE-A/2	27	EE8251/Circuit Theory	12.56	12.22	6.76	9.78	8.80	9.78	3.02	4.89	6.58	6.58	80.96
26	ramprakash-eee	ICE-A/4	36	EI8451/Electrical Machines	13.33	12.83	6.67	9.80	9.80	9.80	3.29	4.90	6.71	6.71	83.84
27	vigneshwaran-eee	ICE-A/4	36	IC8451/Control Systems	12.75	12.50	6.53	10.13	9.60	9.93	3.42	5.07	6.76	6.44	83.14
28	tamilarasant-eee	ICE-A/6	38	EE8071/Applied Soft Computing	13.03	12.95	6.78	10.17	10.17	9.92	3.45	5.18	6.91	6.86	85.41
29	rameshbabu-eee	IT-A/2	34	BE8255/Basic Electrical, Electronics And Measurement Engineering	13.24	12.79	6.78	10.09	10.02	9.67	3.53	5.08	7.01	7.06	85.28
30	sridhar-eee	MECH-A/2	26	BE8253/Basic Electrical, Electronics And Instrumentation Engineering	13.04	12.92	6.83	8.86	9.23	9.69	3.08	5.03	6.58	6.40	81.67

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF EEE

ACTION TAKEN REPORT OF MAR/APRIL-2021 FEEDBACK

S.no	staffcode	branch /Sem	No. participated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/ Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Counselling and being Friendly	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Ability to Ensure Steady Pace Coverage of Syllabus	(10) Ability to Speak Loudly and Clearly	Total Out of
Weigtage -->					15	15	8	12	12	12	4	6	8	8	100
1.	paranthagan-eee	EEE-A/6	22	EE8691/ Embedded Systems	11.45	11.73	6.25	8.40	7.96	8.84	3.02	4.36	5.75	5.38	73.15
2.	venugopal-eee	EEE-B/6	32	EE8005/ Special Electrical Machines	11.81	11.62	6.20	9.15	9.15	9.23	3.25	4.88	6.50	6.00	77.79

The above staffs were called for a meeting with HOD at his cabin. They were communicated about their feedback score and were advised to to improve their performance. They were insisted to do students counselling in a friendly way and were asked to be well prepared for the classes and to be very clarity in providing the teaching. They were also asked to give the real time applications about their subject so as to make the students to be more interactive and with utmost interest in the class. Also added that, they should cover the syllabus with steady pace and should be a little bit louder while teaching. The above staffs also accepted the suggestions given by HOD and assured to do the same.

HOD/EEE **PRINCIPAL**

Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : EEE Month&Year: JUNE 2021

S.no	staffcode	branch /Sem	No. participated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				**15.0**	**15.0**	**8.0**	**12.0**	**12.0**	**12.0**	**4.0**	**6.0**	**8.0**	**8.0**	**100**
1	marimuthu-eee	CIVIL-A/2	13	BE8251/Basic Electrical And Electronics Engineering	14.08	13.62	7.38	11.08	10.34	10.52	3.82	5.54	7.63	7.26	91.26
2	vijayalakshmi-eee	CSE-A/2	53	BE8255/Basic Electrical, Electronics And Measurement Engineering	13.19	13.36	6.70	10.42	9.92	10.28	3.44	5.32	7.06	6.91	86.60
3	pearline-eee	CSE-B/2	37	BE8255/Basic Electrical, Electronics And Measurement Engineering	13.86	13.30	7.01	9.79	9.99	10.38	3.44	5.35	7.05	7.31	87.48
4	ramprasath-eee	ECE-A/2	23	BE8254/Basic Electrical And Instrumentation Engineering	13.57	13.17	6.68	9.81	9.81	10.23	3.23	5.11	6.96	6.75	85.31
5	venugopal-eee	ECE-B/2	20	BE8254/Basic Electrical And Instrumentation Engineering	12.30	12.15	5.92	9.36	9.48	9.12	3.08	3.72	5.68	6.24	77.05
6	balasubramanian-eee	EEE-A/2	65	EE8251/Circuit Theory	13.38	13.71	7.02	10.60	10.60	10.71	3.42	5.11	7.02	7.31	88.87
7	arunkumar-eee	EEE-A/4	41	EE8401/Electrical Machines - Ii	12.73	13.02	6.63	9.83	10.13	10.07	3.30	5.00	6.60	6.87	84.19
8	suganyadevi-eee	EEE-A/4	42	EE8402/Transmission And Distribution	12.79	12.93	6.55	9.71	9.83	9.83	3.26	4.94	6.74	6.55	83.13
9	danila-eee	EEE-A/4	39	EE8403/Measurements And Instrumentation	12.85	12.85	6.65	9.85	10.09	10.03	3.41	5.08	6.81	6.89	84.49
10	sridhar-eee	EEE-A/4	40	IC8451/Control Systems	12.98	13.05	6.80	9.72	9.84	10.08	3.36	5.19	6.68	6.72	84.42
11	arunkumar-eee	EEE-A/6	29	EE8002/Design Of Electrical Apparatus	12.41	12.10	6.40	10.10	9.60	9.93	3.23	5.01	6.51	6.84	82.13
12	pearline-eee	EEE-A/6	28	EE8005/Special Electrical Machines	12.75	12.43	6.74	9.94	9.86	10.03	3.31	4.97	6.69	6.86	83.58
13	ramprasath-eee	EEE-A/6	30	EE8601/Solid State Drives	13.40	13.40	7.20	10.72	10.08	10.64	3.44	5.28	7.09	7.15	88.40
14	suganyadevi-eee	EEE-A/6	28	EE8602/Protection And Switchgear	12.96	13.07	6.74	10.29	10.46	10.29	3.43	5.19	6.91	6.91	86.25
15	paranthagan-eee	EEE-A/6	29	EE8691/Embedded Systems	12.52	11.69	6.68	9.27	9.10	10.01	3.48	5.09	6.79	6.57	81.19
16	rajkumar-eee	EEE-B/4	41	EE8401/Electrical Machines - Ii	13.10	12.66	6.60	9.66	10.19	10.24	3.32	5.12	6.60	6.67	84.15
17	satheesh-eee	EEE-B/4	40	EE8402/Transmission And Distribution	13.50	12.98	6.56	9.78	9.42	9.96	3.16	5.04	6.52	6.20	83.11
18	gayathri-eee	EEE-B/4	43	EE8403/Measurements And Instrumentation	12.14	12.49	6.88	10.77	10.55	9.77	3.53	4.97	6.51	7.11	84.72
19	marimuthu-eee	EEE-B/4	40	IC8451/Control Systems	12.38	12.00	6.48	9.78	10.08	10.20	3.30	5.04	6.64	6.36	82.25
20	rameshbabu-eee	EEE-B/6	43	EE8002/Design Of Electrical Apparatus	12.84	12.84	6.66	10.10	9.82	9.60	3.29	4.97	6.81	6.59	83.52
21	venugopal-eee	EEE-B/6	44	EE8005/Special Electrical Machines	12.14	11.59	6.29	8.78	9.11	8.95	3.05	4.83	6.22	6.04	76.99
22	balasubramanian-eee	EEE-B/6	45	EE8601/Solid State Drives	12.33	12.40	6.54	9.49	9.55	9.60	3.32	4.72	6.44	7.04	81.44
23	krishnakumar-eee	EEE-B/6	44	EE8602/Protection And Switchgear	12.55	12.75	6.73	9.98	10.04	9.87	3.33	4.88	6.76	6.69	83.58
24	vijay-eee	EEE-	42	EE8691/Embedded	12.50	12.29	6.32	9.89	9.89	9.54	3.22	4.86	6.55	6.59	81.64

		B/6		Systems											
25	vigneshwaran-eee	ICE-A/2	25	EE8251/Circuit Theory	13.08	13.08	6.78	9.98	9.31	9.70	3.20	4.66	6.78	6.85	83.42
26	ramprakash-eee	ICE-A/4	39	EI8451/Electrical Machines	13.08	12.92	6.73	9.91	9.91	10.03	3.41	5.20	6.93	6.73	84.84
27	vigneshwaran-eee	ICE-A/4	43	IC8451/Control Systems	13.12	12.63	6.70	9.82	10.10	9.88	3.35	5.13	6.85	6.85	84.42
28	tamilarasant-eee	ICE-A/6	43	EE8071/Applied Soft Computing	12.70	12.63	6.88	10.49	10.38	10.10	3.53	5.16	6.96	6.88	85.73
29	rameshbabu-eee	IT-A/2	42	BE8255/Basic Electrical, Electronics And Measurement Engineering	13.79	13.29	7.12	10.11	10.29	10.29	3.56	5.31	7.01	7.05	87.81
30	sridhar-eee	MECH-A/2	28	BE8253/Basic Electrical, Electronics And Instrumentation Engineering	13.39	13.50	6.80	9.77	10.20	9.94	3.40	5.36	6.74	6.86	85.96

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF EEE

ACTION TAKEN REPORT OF JUNE-2021 FEEDBACK

S.no	staffcode	branch /Sem	No. participated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/ Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Counselling and being Friendly	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Ability to Ensure Steady Pace Coverage of Syllabus	(10) Ability to Speak Loudly and Clearly	Total Out of
Weigtage -->					15	15	8	12	12	12	4	6	8	8	100
1.	venugopal-eee	ECE-B/2	20	BE8254/Basic Electrical and Instrumentation Engineering	12.30	12.15	5.92	9.36	9.48	9.12	3.08	3.72	5.68	6.24	77.05
2.	venugopal-eee	EEE-B/6	44	EE8005/Special Electrical Machines	12.14	11.59	6.29	8.78	9.11	8.95	3.05	4.83	6.22	6.04	76.99

The above staff was called for a meeting with HOD at his cabin. He was communicated about the feedback score and was advised to take some measures to improve his performance. He was insisted to do students counselling in a friendly way and was asked to give the real time applications about his subject so as to make the students to be more interactive with utmost interest in the class. Also added that, he should be a little bit louder while teaching. The staff also accepted the suggestions given by HOD and assured to do the same.

HOD/EEE

PRINCIPAL

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (EEE)**
Subject Code : **EE8402** NBA Code : **C211** Title **TRANSMISSION AND DISTRIBUTION**
Faculty: Dr.M.V.Suganyadevi / Mr.R.Satheesh

Cos	CO Description	Attained Level	%
C211.1	Analyse the inductance and capacitance for different conductor configurations	2.53	84.33
C211.2	Compute the efficiency, regulation and ABCD parameters of different transmission lines	2.59	86.33
C211.3	Analyse the different environmental effects on sag in transmission lines	2.53	84.33
C211.4	Construct electrical equivalent representation of insulators, calculate the potential distribution and explain the methods of improving the string efficiency	2.44	81.33
C211.5	Analyse the dielectric stress of graded and ungraded underground cables	2.72	90.67
C211.6	Compute the distributor voltage drops for different distribution system and loads, Explain the structure and components of power system and method of improving the reliability of AC transmission	2.53	84.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 93

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
223001	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223002	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223004	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223006	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223007	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223008	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223009	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223010	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223011	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223012	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223013	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223014	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223015	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223016	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223017	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223018	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223019	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223020	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223021	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223022	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4

223023	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223024	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223025	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223026	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223027	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223028	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223029	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223030	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223031	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223032	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223033	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223034	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223035	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223036	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223037	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223038	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223040	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223041	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223042	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223043	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223045	EE8402	3	3	3		3	3	31/08/2021	EEE	4
223046	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223047	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223048	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223049	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223050	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223051	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223052	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223053	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223054	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223055	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223056	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223057	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223058	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223059	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223060	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223061	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223063	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223064	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223065	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223066	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223067	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4

223068	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223069	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223070	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223071	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223072	EE8402	3	2	3	3	2	3	31/08/2021	EEE	4
223073	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223074	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223075	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223076	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223077	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223078	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223079	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223080	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223081	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223082	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223083	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223084	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223085	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223086	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223087	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223088	EE8402	3	2	3	3	2	3	31/08/2021	EEE	4
223089	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223090	EE8402	3	2	3	2	2	3	31/08/2021	EEE	4
223091	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223092	EE8402	2	3	2	2	3	2	31/08/2021	EEE	4
223093	EE8402	3	2	3	2	3	3	31/08/2021	EEE	4
223094	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223095	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
223096	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223097	EE8402	2	3	2	2	2	2	31/08/2021	EEE	4
223098	EE8402	3	2	3	3	3	3	31/08/2021	EEE	4
Attained Level		2.53	2.59	2.53	2.44	2.72	2.53			
%		84.33	86.33	84.33	81.33	90.67	84.33			

STAFF INCHARGE **HOD/EEE**

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **4** Programme: **B.E/B.Tech (EEE)**
Subject Code : **IC8451** NBA Code : **C214** Title **CONTROL SYSTEMS**
Faculty: Mr.R.Sridhar / Dr.M.Marimuthu

Cos	CO Description	Attained Level	%
C214.1	Derive the transfer function of electrical and mechanical systems using various reduction techniques.	2.91	97.00
C214.2	Analyse the response of the control system by investigating steady state error and time domain specifications.	2.25	75.00
C214.3	Construct the root locus to find the stability of the system and explain the effects of different types of controller.	2.91	97.00
C214.4	Construct the frequency response of the system using various plots and correlate the time domain specifications and the effect of compensation.	2.9	96.67
C214.5	Design the different types of compensators using frequency response plots to stabilize the control system.	2.8	93.33
C214.6	Explain the state variable representation of physical systems with the effects of state feedback.	2.91	97.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 93

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
223001	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223002	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223004	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223006	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223007	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223008	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223009	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223010	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223011	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223012	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223013	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223014	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223015	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223016	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223017	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223018	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223019	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223020	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223021	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4

223022	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223023	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223024	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223025	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223026	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223027	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223028	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223029	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
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223031	IC8451	3	3	3		3	3	31/08/2021	EEE	4
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223033	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223034	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223035	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223036	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223037	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223038	IC8451	3	3	3		3	3	31/08/2021	EEE	4
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223042	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223043	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223045	IC8451	3	3	3		3	3	31/08/2021	EEE	4
223046	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223047	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223048	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223049	IC8451	2	3	2	2	2	2	31/08/2021	EEE	4
223050	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223051	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223052	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223053	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223054	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223055	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223056	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223057	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223058	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223059	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223060	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223061	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223063	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223064	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223065	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223066	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4

223067	IC8451	2	3	2	2	2	2	31/08/2021	EEE	4
223068	IC8451	2	3	2	2	2	2	31/08/2021	EEE	4
223069	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
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223071	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223072	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223073	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223074	IC8451	2	3	2	2	3	2	31/08/2021	EEE	4
223075	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223076	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223077	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223078	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223079	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223080	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223081	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223082	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223083	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223084	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223085	IC8451	2	3	2	2	2	2	31/08/2021	EEE	4
223086	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223087	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223088	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223089	IC8451	2	3	2	2	3	2	31/08/2021	EEE	4
223090	IC8451	2	3	2	2	3	2	31/08/2021	EEE	4
223091	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223092	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223093	IC8451	3	2	3	3	2	3	31/08/2021	EEE	4
223094	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223095	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223096	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
223097	IC8451	2	3	2	2	3	2	31/08/2021	EEE	4
223098	IC8451	3	2	3	3	3	3	31/08/2021	EEE	4
Attained Level		2.91	2.25	2.91	2.9	2.8	2.91			
%		97.00	75.00	97.00	96.67	93.33	97.00			

STAFF INCHARGE **HOD/EEE**

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (EEE)**
Subject Code : **EC8353** NBA Code : **C205** Title **ELECTRON DEVICES AND CIRCUITS**
Faculty: Mr.R.Sridhar / Ms.C.Pearline Kamalini

Cos	CO Description	Attained Level	%
C205.1	Draw the characteristics of various types of Diodes, design Half and Full wave Rectifier	2.85	95.00
C205.2	Compare the different configurations of BJT, draw its characteristics	2.15	71.67
C205.3	Calculate the FET parameters, draw its frequency response characteristics	2.85	95.00
C205.4	Design amplifier circuits and draw frequency response characteristics	2.85	95.00
C205.5	Develop the parameters of feedback amplifier circuit	2.26	75.33
C205.6	describe different types of oscillator circuits	2.85	95.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 89

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
223001	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223002	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223004	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223005	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223006	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223007	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223008	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223009	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223010	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223011	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223012	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223013	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223014	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223015	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223016	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223017	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223018	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223019	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223020	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223021	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223022	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223023	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223024	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3

223025	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223026	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223027	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223028	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223029	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223030	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223031	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223032	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223033	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223034	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223035	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223036	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223037	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223038	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223040	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223041	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223042	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223043	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223045	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223046	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223047	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223048	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223049	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223050	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223051	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223052	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223053	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
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223055	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
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223057	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223058	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223059	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223060	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223061	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223063	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223064	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223065	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223066	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223067	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223068	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3

223069	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223070	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223071	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223072	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223073	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223074	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223075	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223076	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223077	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223078	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223079	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223080	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223081	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223082	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223083	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223084	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223085	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223086	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223087	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223088	EC8353	2	3	2	2	3	2	28/12/2020	EEE	3
223089	EC8353	2	3	2	2	2	2	28/12/2020	EEE	3
223090	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223091	EC8353	3	2	3	3	3	3	28/12/2020	EEE	3
223092	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
223093	EC8353	3	2	3	3	2	3	28/12/2020	EEE	3
Attained Level		2.85	2.15	2.85	2.85	2.26	2.85			
%		95.00	71.67	95.00	95.00	75.33	95.00			

STAFF INCHARGE

HOD/EEE

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (EEE)**
Subject Code : **EE8501** NBA Code : **C301** Title **Power System Analysis**
Faculty: Dr.M.V.Suganyadevi / Mr.R.Satheesh

Cos	CO Description	Attained Level	%
C301.1	Explain the operation of various power system components, Draw the per unit diagram and form the Y-bus matrix for the power system	2.84	94.67
C301.2	Develop the power flow equation for power system problem and determine the power flows using various algorithms.	2.17	72.33
C301.3	Illustrate the types of faults and their effects. Calculate the fault currents for symmetrical fault condition.	2.84	94.67
C301.4	Draw the sequence network for L-G, L-L and L-L-G fault of the power system and determine the fault current incase of L-G, L-L, and L-L-G fault.	2.84	94.67
C301.5	Explain the concept of power system stability.	2.48	82.67
C301.6	Analyze the stability of single machine infinite bus system	2.84	94.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 111

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
213002	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213003	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213004	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213005	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213006	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213007	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213008	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213009	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213010	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213011	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213012	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213013	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213014	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213015	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213016	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213018	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213019	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213020	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213021	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213022	EE8501	3	3	3		3	3	28/12/2020	EEE	5

213023	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213024	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213025	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213026	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213027	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213028	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213029	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213030	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213031	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213032	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213033	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213034	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213035	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213036	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213037	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213038	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213039	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213040	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213041	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213042	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213043	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213044	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213045	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213046	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213047	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213048	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213049	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213050	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213051	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213052	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213053	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213054	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213055	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213056	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213057	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213058	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213059	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213060	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213061	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213063	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213065	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213066	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5

213067	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213068	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213069	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213070	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213071	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213072	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213073	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213074	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213075	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213076	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213077	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213078	EE8501	2	3	2	2	3	2	28/12/2020	EEE	5
213079	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213080	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213082	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213083	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213084	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213085	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213086	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213087	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213088	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213089	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213090	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213092	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213093	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213094	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213095	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213096	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213097	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213098	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213099	EE8501	2	3	2	2	3	2	28/12/2020	EEE	5
213100	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213101	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213102	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213103	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213104	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213105	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213106	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213107	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213108	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213109	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5

213110	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213111	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213112	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213113	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213114	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
213115	EE8501	3	2	3	3	2	3	28/12/2020	EEE	5
213116	EE8501	2	3	2	2	2	2	28/12/2020	EEE	5
213118	EE8501	3	2	3	3	3	3	28/12/2020	EEE	5
Attained Level		2.84	2.17	2.84	2.84	2.48	2.84			
%		94.67	72.33	94.67	94.67	82.67	94.67			

STAFF INCHARGE

HOD/EEE

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF ICE

Academic Planner for EVEN semester(2020-21) - II,III & IV YEAR UG

DEC '20	DAY	DETAILS	DAY order	working days	JAN '21	DAY	DETAILS	DAY order	working days	FEB '21	DAY	DETAILS	DAY order	working days	MAR'21	DAY	DETAILS	DAY order	working days	APR '21	DAY	DETAILS	DAY order	working days
1	TUE				1	FRI		V	5	1	MON		IV	19	1	MON	Course File R III / Log Book Submission	III	38	1	THU	NI CLAD Exam		
2	WED				2	SAT				2	TUE	Course File R- II /IA Test 1 Result Analysis report	V	20	2	TUE	IA-II QAC Pre-Auditing	IV	39	2	FRI	Model Exam		60
3	THU				3	SUN				3	WED	IA-I QAC Pre-Auditing	I	21	3	WED	3rd CCM for II Yr A	V	40	3	SAT			
4	FRI				4	MON	Commence me nt of first year Classes	I	6	4	THU		II	22	4	THU	3rd CCM for III Yr A	I	41	4	SUN			
5	SAT				5	TUE	Course File R-I / Log Book Submission	II	7	5	FRI		III	23	5	FRI	Spoken tutorial – C/ 3rd CCM for IV Yr A	II	42	5	MON	Model Exam		61
6	SUN				6	WED	1st MMM for II Yr	III	8	6	SAT		IV	24	6	SAT				6	TUE	Study Leave		
7	MON				7	THU	1st MMM for III Yr	IV	9	7	SUN				7	SUN				7	WED	Model Exam		62
8	TUE				8	FRI	1st MMM for Iv Yr	V	10	8	MON		V	25	8	MON	MMM for II Yr	III	43	8	THU	Study Leave		
9	WED				9	SAT	Special Timetable			9	TUE		I	26	9	TUE	MMM for III Yr	IV	44	9	FRI	Model Exam		63
10	THU	Spoken tutorial – JAVA, PYTHON			10	SUN				10	WED		II	27	10	WED	MMM for IV Yr	V	45	10	SAT			
11	FRI	Spoken tutorial – SCILAB			11	MON	1st CCM for II Yr A	I	11	11	THU		III	28	11	THU	IA-III QP Submission	I	46	11	SUN	Study Leave		
12	SAT	NI - CLAD Exam Training			12	TUE		II	12	12	FRI		IV	29	12	FRI		II	47	12	MON	Model Exam		64
13	SUN				13	WED	BOGI			13	SAT	2nd CCM for II Yr A	V	30	13	SAT		III	48	13	TUE	Model Exam		65
14	MON	NI - CLAD Exam Training			14	THU	PONGAL			14	SUN				14	SUN				14	WED	TAMIL NEW YEAR/GOOD FRIDAY		
15	TUE	NI - CLAD Exam Training			15	FRI	THIRUVALLUVAR DAY			15	MON	2nd CCM for III Yr A	I	31	15	MON	I.A. Test - III			15	THU	NI - LabVIEW core 2 Training		

16	WED	NI - CLAD Exam Training			16	SAT	UZHAVAR THIRUNAL			16	TUE		II	32	16	TUE	I.A. Test - III			16	FRI	NI - LabVIEW core 2 Training		
17	THU	NI - CLAD Exam Training			17	SUN	HOLIDAY			17	WED	2nd CCM for IV Yr A	III	33	17	WED	I.A. Test - III			17	SAT	NI - LabVIEW core 2 Training		
18	FRI	NI - CLAD Exam Training			18	MON	1st CCM for III Yr A	III	13	18	THU		IV	34	18	THU		IV	49	18	SUN			
19	SAT				19	TUE	1st CCM for IV Yr A	IV	14	19	FRI		V	35	19	FRI		V	50	19	MON	NI - LabVIEW core 2 Training		
20	SUN				20	WED		V	15	20	SAT				20	SAT		I	51	20	TUE	NI - LabVIEW core 2 Training		
21	MON				21	THU		I	16	21	SUN				21	SUN				21	WED	NI - LabVIEW core 2 Training		
22	TUE				22	FRI		II	17	22	MON	I.A. Test - II			22	MON		II	52	22	THU			
23	WED				23	SAT				23	TUE	I.A. Test - II			23	TUE		III	53	23	FRI			
24	THU				24	SUN				24	WED	I.A. Test - II			24	WED		IV	54	24	SAT			
25	FRI				25	MON		III	18	25	THU		I	36	25	THU		V	55	25	SUN			
26	SAT				26	TUE	REPUBLIC DAY			26	FRI	IA-II Result Analysis Report	II	37	26	FRI		I	56	26	MON			
27	SUN				27	WED	I.A. Test -I			27	SAT				27	SAT				27	TUE			
28	MON		I	1	28	THU	I.A. Test -I			28	SUN				28	SUN				28	WED			
29	TUE		II	2	29	FRI	I.A. Test -I								29	MON		II	57	29	THU			
30	WED		III	3	30	SAT									30	TUE		III	58	30	FRI			
31	THU		IV	4	31	SUN									31	WED		IV	59					
No. of Working days				4					14					19					22					
Total No. of working days(excluding Test days) for the semester :II/III/ IV YEAR : 61, I YEAR : 58																								
Spoken tutorial – JAVA, PYTHON, SCILAB, C - 63 hours, NI - CLAD Exam Training - 45 hours, NI CLAD Exam - 99 hours, NI - LabVIEW core 2 Training - 45 hours (2016-2017 academic year)																								
	Every Day order 5 staff meeting with HOD, MMM(Mentor Mentee Meeting), CCM (Class committee meeting) ,IATest(Internal assessment Test) ,QP(Question paper), *Tentative dates																							

HoD-ICE

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for ODD semester(2020-21 ODD) - UG (Both online and offline)

JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	WED	LabVIEW Training			01	SAT				01	TUE	Spoken tutorial – JAVA/ 2nd CCM for II Yr A	IV	14	01	THU		IV	37	01	SUN				01	TUE	
02	THU	LabVIEW Training			02	SUN				02	WED		V	15	02	FRI				02	MON		I	59	02	WED	
03	FRI	LabVIEW Training			03	MON	Course File R-I / Log Book Submission			03	THU	2nd CCM for II Yr B	I	16	03	SAT	Course File R-III / Log Book Submission			03	TUE		II	60	03	THU	
04	SAT	LabVIEW Training			04	TUE	1st MMM for II Yr			04	FRI	2nd CCM for III Yr A	II	17	04	SUN				04	WED		III	61	04	FRI	
05	SUN				05	WED				05	SAT	2nd CCM for III Yr B			05	MON	IA-II QAC Pre-Auditing	V	38	05	THU	IA-III Result Analysis Report/Course File R-IV / Log Book Submission	V	62	05	SAT	Holiday
06	MON	LabVIEW Training			06	THU	1st MMM for III Yr			06	SUN				06	TUE		I	39	06	FRI	2nd MMM for II Yr	I	63	06	SUN	Holiday
07	TUE	LabVIEW Training			07	FRI	OPTITHOUGHT Placement Training/ 1st MMM for IV Yr			07	MON	2nd CCM for IV Yr A	III	18	07	WED		II	40	07	SAT	2nd MMM for III Yr			07	MON	
08	WED	LabVIEW Training			08	SAT	OPTITHOUGHT Placement Training/ 1st CCM for II Yr A			08	TUE		IV	19	08	THU		III	41	08	SUN				08	TUE	
09	THU	LabVIEW			09	SUN				09	WED		V	20	09	FRI		IV	42	09	MON	2nd MMM	II	64	09	WED	
10	FRI				10	MON	OPTITHOUGHT Placement			10	THU		I	21	10	SAT	3rd CCM for IV	V	43	10	TUE	IA-III QAC Pre-Auditing	III	65	10	THU	
11	SAT				11	TUE				11	FRI		I	22	11	SUN				11	WED		IV	66	11	FRI	
12	SUN				12	WED				12	SAT		II	23	12	MON		I	44	12	THU	Lab Work Completion	V	67	12	SAT	Holiday
13	MON				13	THU	IA-I QP Submission/	I	1	13	SUN				13	TUE		II	45	13	FRI	Syllabus Completion			13	SUN	Holiday
14	TUE				14	FRI	1st CCM for IV Yr A	II	2	14	MON			24	14	WED	3rd CCM for III	III	46	14	SAT				14	MON	
15	WED				15	SAT	Holiday			15	TUE	Independence Day	II	25	15	THU	3rd CCM for IV Yr A	IV	47	15	SUN				15	TUE	
16	THU				16	SUN				16	WED		III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	FRI				17	MON		III	3	17	THU		IV	27	17	SAT				17	TUE				17	THU	University Practical Exam(online)
18	SAT				18	TUE		IV	4	18	FRI		V	28	18	SUN				18	WED				18	FRI	
19	SUN				19	WED		V	5	19	SAT	IA-II QP			19	MON		I	49	19	THU				19	SAT	Holiday

20	MON				20	THU		I	6	20	SUN				20	TUE		II	50	20	FRI				20	SUN	Holiday
21	TUE				21	FRI		II	7	21	MON	IA Test 2	I	29	21	WED	IA-III QP Submission	III	51	21	SAT				21	MON	
22	WED				22	SAT	IA Test 1			22	TUE	Vinayagar Chathurthi	II	30	22	THU	IA Test 3	IV	52	22	SUN				22	TUE	
23	THU				23	SUN				23	WED		III	31	23	FRI	IA Test 3	V	53	23	MON				23	WED	
24	FRI				24	MON	IA Test 1	III	8	24	THU	IA Test 2	IV	32	24	SAT	IA Test 3			24	TUE				24	THU	
25	SAT				25	TUE	IA Test 1	IV	9	25	FRI	IA Test 2	V	33	25	SUN				25	WED				25	FRI	
26	SUN				26	WED		V	10	26	SAT	IA-II Result Analysis			26	MON				26	THU				26	SAT	Holiday
27	MON				27	THU	IA-I Result Analysis Report	I	11	27	SUN				27	TUE		I	54	27	FRI	Univ Prac. Commences			27	SUN	Holiday
28	TUE				28	FRI	Course File R-II / Log Book Submission	II	12	28	MON		I	34	28	WED		II	55	28	SAT				28	MON	
29	WED				29	SAT	IA-I QAC Pre-Auditing			29	TUE		II	35	29	THU		III	56	29	SUN				29	TUE	
30	THU				30	SUN				30	WED		III	36	30	FRI		IV	57	30	MON				30	WED	
31	FRI				31	MON		III	13						31	SAT		V	58						31	THU	
No. of Working days									13					23					22					9		

Total No. of working days for the semester : 67

HoD-ICE

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Instrumentation and Control Engineering
WORKLOAD -ALLOCATION FOR THE ACADEMIC YEAR 2020-2021(ODD)

S.NO	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr. S. M. Girirajkumar	Process Control	EI8553	III/V	THEORY	5	5
2	Dr. M. Shanmugavalli	Digital Logic Circuits	EE8351	II/III	THEORY	6	11
		Industrial Data Networks	EI8751	IV/VII	THEORY	5	
3	Mr. P. Thirumurugan	Industrial Instrumentation - II	EI8552	III/V	THEORY	5	16
		Electronic Instrumentation	EI8692	IV/VII	THEORY	5	
		Industrial Instrumentation Laboratory	EI8561	III/V	LAB	6	
4	Mr. P.Aravind	Electrical Measurements	EI8351	II/III	THEORY	5	16
		Fibre Optics and Laser Instrumentation	EI8075	IV/VII	THEORY	5	
		Industrial Automation Laboratory	EI8761	IV/VII	LAB	6	
5	Ms. K. Ezhilarasi	Instrumentation in Petrochemical Industries	EI8091	IV/VII	THEORY	5	16
		Transducer Engineering	EI8352	II/III	THEORY	5	
		Measurements and Transducers Laboratory	EI8361	II/III	LAB	6	
6	Mr. T.Tamilarasan	Air Pollution and Control Engineering	OCE551	III/V	THEORY	5	11
		Measurements and Transducers Laboratory	EI8361	II/III	LAB	6	
7	Mr.R.Seetharaman	Analytical Instruments	EI8551	III/V	THEORY	5	17
		Instrumentation System design Laboratory Laboratory	EI8762	IV/VII	LAB	6	
		Industrial Automation Laboratory	EI8761	IV/VII	LAB	6	
8	Mr.S.Vigneshwaran	Electronic Devices and Circuits	EC8353	II/III	THEORY	5	17
		Industrial Instrumentation Laboratory	EI8561	III/V	LAB	6	
		Instrumentation System design Laboratory Laboratory	EI8762	IV/VII	LAB	6	
						TOTAL	109

Timetable Coordinator

HOD/ICE

Principal

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Instrumentation and Control Engineering
WORKLOAD -ALLOCATION FOR THE ACADEMIC YEAR 2020-2021 (EVEN)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB
1	Dr. S. M. Girirajkumar	Professional Ethics in Engineering	GE8076	II/VIII	THEORY
2	Mr. P. Thirumurugan	Linear integrated Circuit and Applications	EE8451	II/IV	THEORY
		Thermal Power Plant Instrumentation	EI8092	II/IV	THEORY
		Linear and Digital integrated Circuits Laboratory	EE8461	II/IV	LAB
		Project Work	IC6811	IV/VIII	LAB
3	Dr.P.Aravind	Industrial Instrumentation - I	EI8452	II/IV	THEORY
		Logic and Distributed Control System	EI8651	III/VI	THEORY
		Process Control Laboratory	EI8661	III/VI	LAB
		Project Work	IC6811	IV/VIII	LAB
5	Ms. K. Ezhilarasi	Fundamentals of Nano Science	GE8073	IV/VIII	THEORY
		Mems and Nano science	EE8072	III/VI	THEORY
		Engineering Practices Laboratory	GE8261	I/ II	LAB
		Project Work	IC6811	IV/VIII	LAB
6	Mr. T.Tamilarasan	Applied soft computing	EE8071	VI/III	THEORY
		Electric Circuits Laboratory	EE8261	I/ II	LAB
		Engineering Practices Laboratory	GE8261	I/ II	LAB
7	Mr.R.Seetharaman	Advanced Control System	IC8651	III/VI	THEORY
		Engineering Practices Laboratory	GE8261	I/ II	LAB
8	Mr.S.Vigneshwaran	Circuit Theory	EE8251	I/ II	THEORY
		Control Systems	IC8451	II/IV	THEORY
		Electric Circuits Laboratory	EE8261	I/ II	LAB
9	Mr. S. Prassanna Perumal	Linear and Digital integrated Circuits Laboratory	EE8461	II/IV	LAB
		Engineering Practices Laboratory	GE8261	I/ II	LAB
		Process Control Laboratory	EI8661	III/VI	LAB

Timetable Coordinator HoD/ICE Principal

REVIEW OF COURSE FILE

SUBJECT CODE : IC 5451

SUBJECT NAME : CONTROL SYSTEM

S.No.	Details
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*
3.	Syllabus signed by staff & HoD*
4.	Lecture Schedule signed by staff & HoD*
5.	Course Committee meeting circular and minutes*
6.	Identification of Curricular gap and Content Beyond the syllabus*
7.	Previous AU Question papers (at least 5)*
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*
9.	Unit wise course material *
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry
13.	Makeup Test –Q paper-Attendance-marks - sample answer papers
14.	Remedial Test–Q paper-Attendance-marks - sample answer papers
15.	Content beyond the syllabus – proof
16.	Course end survey
17.	AU question paper with students feedback
18.	AU result analysis
Signature of Course handling faculty with name	S. [illegible] & Visveshwaran.
Signature of HoD	

REVIEW OF COURSE FILE

SUBJECT CODE : IC8651

SUBJECT NAME : ADVANCED CONTROL SYSTEMS

S.No.	Details
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*
3.	Syllabus signed by staff & HoD*
4.	Lecture Schedule signed by staff & HoD*
5.	Course Committee meeting circular and minutes*
6.	Identification of Curricular gap and Content Beyond the syllabus*
7.	Previous AU Question papers (at least 5)*
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*
9.	Unit wise course material *
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry
13.	Makeup Test –Q paper-Attendance-marks - sample answer papers
14.	Remedial Test–Q paper-Attendance-marks - sample answer papers
15.	Content beyond the syllabus – proof
16.	Course end survey
17.	AU question paper with students feedback
18.	AU result analysis
Signature of Course handling faculty with name	R. SEETHARAMAN
Signature of HoD	

LESSON PLAN

EVEN SEM (2020 -21)

TITLE OF THESUBJECT:	EI8092	THERMAL POWER PLANT INSTRUMENTATION					
SEMESTER	VI		BRANCH	ICE		REGULATION	R-2017 AUC
NAME OF STAFF:	Mr. P.Thirumurugan	ASST. PROF. /ICE					

COURSE OBJECTIVES:

- To make the students familiarize about various power generation methods.
- To identify various parameters in thermal power plant
- To impart knowledge about the different types of controls and control loops.
- To familiarize the student with the methods of monitoring different parameters like speed, vibration of turbines and their control.

Unit No	Topics	Teaching Method	No. of Periods	Cumulative Periods
	UNIT I – POWER GENERATION METHODS			
I	Brief Survey of methods of power generation	BB	1	1
	Hydro, thermal power plant	BB	2	3
	Nuclear, solar and wind Power plant	BB	2	5
	Importance of instrumentation in power generation	BB	1	6
	Thermal power plant	BB	1	7
	Building blocks	BB	1	8
	Details of boiler	BB	1	9
	Boiler processes P&I Diagram	BB	1	10
	Cogeneration	BB	1	11
	UNIT II - MEASUREMENTS IN POWER PLANTS			
II	Electrical measurements: current, voltage, power	BB	1	12
	frequency, Power Factor	BB	2	14
	non electrical parameters: flow of feed water	BB	1	15
	fuel, air , steam pressure	BB	2	17
	steam temperature and smoke density measurement	BB	2	19
	Flue gas oxygen analyzer	BB	1	20
	pollution monitoring instruments	BB	1	21
	UNITIII - FURNACE CONTROL – I			
	Coal handling: Pulverizers	BB	1	22
	Furnace Draught: natural draught	BB	1	23
	forced draught	BB	1	24

III	induced draught, power requirements for draught systems. Combustion control: Fuel/Air ratio, combustion efficiency,	BB & PPT	4	28
	excess air, parallel and cross limited combustion control	BB	2	30
	soot-blowing operation.	BB	2	32
	UNIT IV – BOILER CONTROL			
IV	Boiler metal temperature measurement, pressure	BB	2	34
	Boiler feed water processing and control	BB	1	35
	drum level measurement methods	BB	1	36
	steam temperature control: main steam and reheat steam	BB	3	39
	distributed control system in power plants	BB & PPT	2	41
	interlocks in boiler operation	BB	2	43
	UNIT V - TURBINE CONTROL			
V	Speed measurement, rotor and casing movement	BB	3	46
	Vibration measurement	BB & PPT	2	48
	shell temperature monitoring and control	BB	2	50
	steam pressure control, lubricant oil temperature	BB	2	52
	cooling system	BB & PPT	2	54

BB –Black board teaching, PPT- Power point presentation

COURSE OUTCOME

1. Understanding various power generation process.
2. Identify important parameter to be monitored and controlled in thermal power plant.
3. Knowledge about various building blocks and instruments involved in thermal power plant and its controlling process.

TEXT BOOKS:

1. Sam Dukelow, Control of Boilers, Instrument Society of America, 1991.
2. Modern Power Station Practice, Vol.6, Instrumentation, Controls and Testing, Pergamon Press, Oxford, 1971.

REFERENCES:

1. Krishnaswamy KM, Bala P, Bala MP, "Power Plant Instrumentation," Prentice Hall, 2013
2. Elonka.S.M.and Kohal A.L., Standard Boiler Operations, McGraw-Hill, New Delhi, 1994.
3. Jain R.K., Mechanical and industrial Measurements, Khanna Publishers, New Delhi, 2008

Course Teacher
(Mr.P. Thirumurugan)

HoD/ICE
(Dr. S. M. Girirajkumar)

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF INSTRUMETNATION AND CONTROL ENGINEERING
LESSON PLAN

Degree/Program	: B.E. / ICE	Course Name	: INDUSTRIAL INSTRUMENTATION - I
Duration	: 20-21 EVEN	Course Code	: EI8452
Semester	: IV	Section	: A
Regulation	: 2017 / AUC	Staff	: Mr. P. ARAVIND, AP/ICE

COURSE OBJECTIVES:

- To introduce the measurement techniques of force, torque and speed.
- To introduce the measurement techniques of acceleration, Vibration and density.
- To introduce the measurement Viscosity, Humidity and moisture.
- To introduce the temperature measurement techniques.
- To introduce the pressure measurement techniques.

Unit No	Topics	Teaching Method	No. of Periods	Cumulative Periods
	UNIT I MEASUREMENT OF FORCE, TORQUE AND SPEED			
I	Different types of load cells.	BB	1	1
	Hydraulic, Pneumatic, Strain gauge.	BB	2	3
	Magneto-elastic and Piezoelectric load cells.	BB	2	5
	Different methods of torque measurement: Strain gauge, Relative angular twist.	BB & PPT	2	7
	Speed measurement: Capacitive tacho, Drag cup type tacho.	BB	1	8
	D.C and A.C tacho generators.	BB	1	9
	Stroboscope.	BB	1	10
	UNIT II MEASUREMENT OF ACCELERATION, VIBRATION AND DENSITY			
II	Accelerometers.	BB	1	11
	LVDT, Piezoelectric, Strain gauge and Variable reluctance type accelerometers.	BB	1	12
	Mechanical type vibration instruments.	BB	1	13
	Seismic instruments as accelerometer.	BB	1	14
	Vibration sensor, Calibration of vibration pickups.	BB	1	15
	Units of density and specific gravity, Baume scale and API scale.	BB & PPT	2	17
	Densitometers: Pressure type densitometers.	BB	1	18
	Float type densitometers, Ultrasonic densitometer, and gas densitometer.	BB	2	20
	UNIT III MEASUREMENT OF VISCOSITY, HUMIDITY AND MOISTURE			
III	Viscosity: Saybolt viscometer.	BB	1	21
	Rotameter type and Torque type viscometers.	BB	1	22
	Consistency Meters.	BB	1	23
	Humidity: Dry and wet bulb psychrometers.	BB	1	24
	Resistive and capacitive type hygrometers, Dew cell.	BB	1	25
	Commercial type dew meter.	BB	1	26
	Moisture: Different methods of moisture measurements.	BB	1	27
	Thermal, Conductivity and Capacitive sensors,	BB	1	28
	Microwave, IR and NMR sensors.	BB	1	29
	Application of moisture measurement.	BB	1	30
	Moisture measurement in solids.	BB	1	31

	UNIT IV TEMPERATURE MEASUREMENT			
IV	Definitions and standards – Primary and secondary fixed points.	BB & PPT	1	32
	Different types of filled in system thermometers.	BB	1	33
	Sources of errors in filled in systems and their compensation. Bimetallic, thermometers.	BB	2	35
	IC sensors.	BB	1	36
	Thermocouples: Laws of thermocouple. Fabrication of industrial thermocouples.	BB	1	37
	Reference junction's compensation. Signal conditioning for thermocouple.	BB	1	38
	Commercial circuits for cold junction compensation. Response of thermocouple.	BB	1	39
	Special techniques for measuring high temperature using thermocouple.	BB & PPT	1	40
	Radiation fundamentals - Radiation methods of temperature measurement.	BB	1	41
	Total radiation pyrometers, Optical pyrometers, and Two color radiation pyrometers.	BB	1	42
	Fiber optic sensor for temperature measurement.	BB	1	43
	Thermograph, Temperature switches and thermostats.	BB	1	44
	Temperature sensor selection.	BB	1	45
	Installation and Calibration.	BB	1	46
	UNIT V PRESSURE MEASUREMENT			
V	Units of pressure, Manometers: Different types, Elastic type pressure gauges.	BB & PPT	2	48
	Bourdon tube, Bellows, Diaphragms and Capsules.	BB	1	49
	Electrical methods: Elastic elements with LVDT and strain Gauges.	BB & PPT	2	51
	Capacitive type pressure gauge, Piezo resistive pressure sensor-Resonator pressure sensor.	BB	2	53
	Measurement of vacuum: McLeod gauge, Thermal conductivity gauge, lionization gauges.	BB	1	54
	Cold cathode type and hot cathode type.	BB	1	55
	Pressure gauge selection, installation and calibration using dead weight tester.	BB	1	56

BB –Black board teaching, PPT- Power point presentation

COURSE OUTCOME:

At the end of the course, the student will have the:

1. Ability to understand the construction and working of instruments used for measurement of force, torque, speed, acceleration, vibration, density, viscosity, humidity, moisture, temperature.
2. Ability to select instruments according to the application.
3. Ability to understand the concept of calibration of instruments and gain knowledge about temperature measurement devices.
4. Ability to design signal conditioning circuits and compensation schemes for temperature measuring instruments.
5. Ability to understand the working of instruments used for measurement of pressure.
6. Ability to measure fiber optic sensor to measure temperature.

BOOKS:

Doebelin, E.O. and Manik, D.N., "Measurement systems Application and Design", 6th McGraw-Hill Education Pvt. Ltd, 2011.

2. Jones, B.E., "Instrument Technology", Vol.2, Butterworth-Heinemann, International Edition, 2003.

REFERENCES:

1. Liptak, B.G., "Instrumentation Engineers Handbook (Measurement)", CRC Press, 2005.

2. Patranabis, D., "Principles of Industrial Instrumentation", 3rd Edition, McGraw-Hill Education, 2017.

3. Eckman D.P., "Industrial Instrumentation", Wiley Eastern Limited, 1990.

4. Singh,S.K., "Industrial Instrumentation and Control", Tata Mc-Graw-Hill Education Pvt. Ltd., New Delhi, 2009.

5. Alok Barua, "Lecture Notes on Industrial Instrumentation", NPTEL, E-Learning Course, IIT Kharagpur.

6. Jayashankar, V., "Lecture Notes on Industrial Instrumentation", NPTEL, E-Learning Course, IIT Madras.

7. A.K. Sawhney, "A Course in Electronic Measurements and Instrumentation", Dhanpat Rai & Co. (P) Limited, 2015.

Course Teacher
(Mr. P. Aravind)

HoD/ICE
(Dr. S. M. Girirajkumar)

Saranathan College of Engineering
Department of Instrumentation and Control Engineering
Tiruchirapalli

Assignment Questions					
Course code	IC8651	**Course Title**	ADVANCED CONTROL SYSTEM		
Year/	III	**Semester/ Section**	VI/A	**Academic Year**	2020-2021

Answer all the questions

Q. No.	Questions
1	derive the describing function of saturation nonlinearity
2	Derive the general expression of describing function
3	Explain the concept behind stability of nonlinear systems using limit cycles and check whether $y = 8x^2 - e^{-8x}$ is linear or nonlinear
4	Derive the stability expression of Lyapunov Equation

Course Instructor
R. Seetharaman

Saranathan College of Engineering
Tiruchirapalli
Department of Instrumentation and Control Engineering

Assignment Question					
Course code	**EI8452**	**Course Title**	Industrial Instrumentation-I	**Academic Year**	2020-2021
Year/	II	**Semester/ Section**	IV	**Department**	ICE

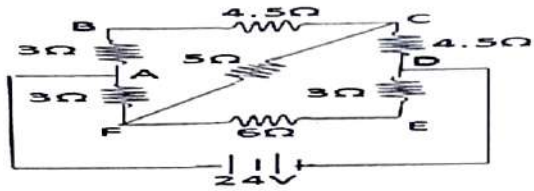
Answer all the questions

Q. No.	Questions
1	Explain in detail, total radiation type pyrometer and optical pyrometer.
2	Illustrate the construction of various RTD leads arrangements and highlight its salient features.
3	Explain the construction and working principle of Mcleod gauge with necessary diagram.
4	Explain the fundamentals of capacitance type pressure gauge with neat diagram and mention its application.

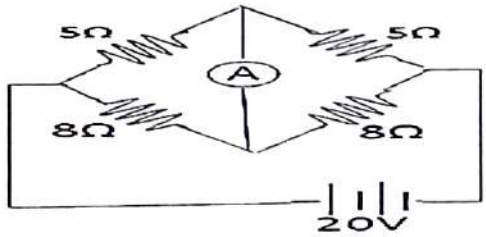
Course Instructor
P. Aravind

EE8251-CIRCUIT THEORY
TUTORIAL QUESTIONS

1.Calculate using thevenins theorem the current through the branch FC



2. In the circuit of the fig, compute the current through the ammeter. Use Norton's theorem



3. Using nodal voltage method to find the voltages of m and n and current through j2Ω&-j2Ω reactance in the network of figure

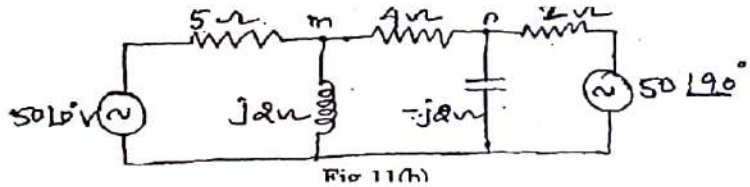
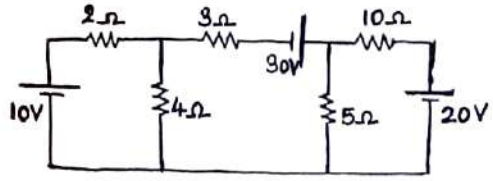


Fig 11(b)

4. Use Maximum power transfer Theorem. Find the value of resistance for which maximum power is transferred across 5ohm.(RL)



5. A Balanced star connected load of impedance 8+8jΩ per phase is connected to a 3 phase 230V, 50Hz supply. Find Real, Reactive Powers and Total VoltAmperes.

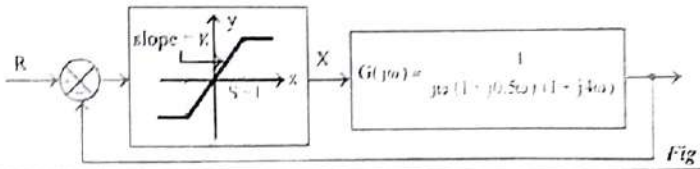
Course Instructor

S. VIGNESWARAN

Saranathan College of Engineering
Department of Instrumentation and Control Engineering
Tiruchirapalli

Tutorial Questions					
Course code	IC8651	Course Title	ADVANCED CONTROL SYSTEM		
Year/	III	Semester/ Section	VI/A	Academic Year	2020-2021

Answer all the questions

Q. No.	Questions
1	Consider a unity feedback system shown in fig 2.3.1 having a saturating amplifier with gain K. Determine the maximum value of K for the system to stay stable. What would be the frequency and nature of limit cycle for a gain of K = 2.5?  *Fig 2.3.1.*
2	A linear second order servo is described by the equation $\ddot{e} + 2\zeta\omega_n\dot{e} + \omega_n^2 e = 0$ where $\zeta = 0.15$, $\omega_n = 1$ rad/sec, $e(0) = 1.5$ and $\dot{e}(0) = 0$. Determine the singular point. Construct the phase trajectory, using the method of isoclines.
3	The state model of a system is given by $\begin{bmatrix}\dot{x}_1\\ \dot{x}_2\\ \dot{x}_3\end{bmatrix} = \begin{bmatrix}0 & 0 & 1\\ -2 & -3 & 0\\ 0 & 2 & -3\end{bmatrix}\begin{bmatrix}x_1\\ x_2\\ x_3\end{bmatrix} + \begin{bmatrix}0\\ 2\\ 0\end{bmatrix}[u]$; $y = [1\ 0\ 0]\begin{bmatrix}x_1\\ x_2\\ x_3\end{bmatrix}$ Convert the state model to controllable phase variable form
4	Determine the z-domain transfer function for the following s-domain transfer functions (i) $H(s) = a / (s + a)^2$ (ii) $H(s) = a / (s^2 - a^2)$

Course Instructor
R. Seetharaman

Department of Instrumentation and Control Engineering

Lab Schedule

E18761 INDUSTRIAL AUTOMATION LABORATORY

VII SEMESTER – IV YEAR

REGULATION 2017

2020-2021(ODD SEM)

Expt	Planned Date	Actual Date	Experiments	Teaching Methodology
1	09.11.2020	09.11.2020	Study of PLC field device interface modules (AI, AO, DI, DO modules).	Practical
2	09.11.2020	09.11.2020	Programming Logic Gates Function in PLC	Practical
3	09.11.2020	09.11.2020	Implementing Mathematical Operations in PLC	Practical
4	11.11.2020	11.11.2020	Programming Jump-to-subroutine & return operations in PLC	Practical
5	10.11.2020	10.11.2020	PLC Exercises: - 1. Traffic Light Control and Filling/Draining Control Operation	Practical
6	10.11.2020	10.11.2020	PLC Exercise: 1. Reversal of DC Motor Direction 2. ON/OFF Controller for Thermal Process	Practical
7	11.11.2020	11.11.2020	PC based control of Level Process	Practical
8	12.11.2020	12.11.2020	On-line Monitoring and Control of a Pilot plant using DCS	Practical
9	11.11.2020	11.11.2020	PLC based Control of Flow Process	Practical
10	12.11.2020	12.11.2020	Study of Foundation Fieldbus /IOT/Wireless HART Enabled Transmitter	Practical

Signature of the Faculty

HoD

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 11.11.2020

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Electrical measurement , code EI8351 for 2 year, 3 semester, department of ICE B.E/B.Tech/MBA during the academic year 2020 – 21, odd /even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 58 periods, revised syllabus for 9 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : P. ARAVIND

Designation : AP

Department : ICE

Date : 11.11.2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 11.11.2020

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Industrial Instrumentation - II code EI8552 for Third year, 5 semester, department of ICE B.E/B.Tech/MBA during the academic year 2020 – 21, odd /even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 53 periods, revised syllabus for 6 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : P. Thirumurugan

Designation : AP

Department : ICE

Date : 11.11.2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 11.11.2020

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Digital Logic Circuits code EE8351 for II year, III semester, department of ICE B.E/~~B.Tech/MBA~~ during the academic year 2020 – 21, odd /~~even~~ semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 62 periods, revised syllabus for 8 periods and discussed the Anna University Examination question papers of the last _____ years.

Signature : M Shanmugavalli

Name : M. SHANMUGAVALLI

Designation : Professor

Department : ICE

Date : 11.11.2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 11.11.2020

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Industrial Data Networks. code EI8751 for IV year, VII semester, department of ICE B.E/~~B.Tech/MBA~~ during the academic year 2020 – 21, odd /~~even~~ semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus. and took lectures for 54 periods, revised syllabus for 6 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : M ShanmugaValli

Name : M. SHANMUGAVALLI

Designation : Professor

Department : ICE

Date : 11.11.2020

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 12.5.2021

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Circuit Theory . code EE8251 for I year, II semester. department of ICE B.E/~~B.Tech~~/~~MBA~~ during the academic year 2020 – 21, ~~odd~~ even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus. and took lectures for 55 periods. revised syllabus for 5 periods and discussed the Anna University Examination question papers of the last 4 years.

Signature :

Name : S. Vinodhini

Designation : ASSISTANT PROFESSOR

Department : INSTRUMENTATION & CONTROL ENGINEERING

Date : 12.05.2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 12.5.2021

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Control Systems, code IC 8451 for IV year, IV semester, department of ICE B.E/~~B.Tech~~/~~MBA~~ during the academic year 2020 – 21, ~~odd~~ /even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 55 periods, revised syllabus for 5 periods and discussed the Anna University Examination question papers of the last 4 years.

Signature : S. [illegible]

Name : S. Vinodhini

Designation : ASSISTANT PROFESSOR.

Department : INSTRUMENTATION & CONTROL ENGINEERING.

Date : 12.5.2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 12.05.2021

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Linear & Integrated Circuits & Applications code EE8461 for II year, IV semester, department of ECE B.E/B.Tech/MBA during the academic year 2020 – 21, odd /even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 53 periods, revised syllabus for 6 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : P. Thirumurugan

Designation : AP

Department : ECE

Date : 12.05.2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 12/05/2021

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Logic & dismisnex Control System, code E18651 for 3 year, 6 semester, department of ICE B.E/B.Tech/MBA during the academic year 2020 – 21, odd /even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 59 periods, revised syllabus for 8 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : P. ARAVIND

Designation : AP

Department : ICE

Date : 12/05/21

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 12-05-2021

Ref : SCE/Syllabus/ Theory/2020-21 -ODD / EVEN SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject ADVANCED CONTROL SYSTEM . code ICS651 for III year, VI semester, department of ICE B.E/B.Tech/MBA during the academic year 2020 – 21, odd /even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 63 periods, revised syllabus for 4 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature : R. Seetharaman

Name : R. SEETHARAMAN

Designation : ASSISTANT PROFESSOR

Department : INSTRUMENTATION AND CONTROL ENGINEERING

Date : 12-05-2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERIN G

TIRUCHIRAPALLI - 620 012.

Date: 11/11/2020

Ref : SCE/Syllabus/Laboratory/2020-21-Odd sem/ Even sem

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	:
Name	: P. ARAVIND	Name	: R.SEETHARAMAN
Designation	: AP	Designation	: AP
Department	: ICE		

Signature of HoD

Principal

Note: List of the students who have not got bonafide, if any, to be enclosed.

COURSE CODE & TITLE : EI8761 Industrial Automation Laboratory

SEMESTER : VII semester

LIST OF EXPERIMENTS

1. Study of PLC field device interface modules (AI, AO, DI, DO modules).
2. Programming Logic Gates Function in PLC
3. Implementing Mathematical Operations in PLC
4. Programming Jump-to-subroutine & return operations in PLC
5. PLC Exercises: - 1. Traffic Light Control and Filling/Draining Control Operation
6. PLC Exercise: 1. Reversal of DC Motor Direction 2. ON/OFF Controller for Thermal Process
7. PC based control of Level Process
8. On-line Monitoring and Control of a Pilot plant using DCS
9. PLC based Control of Flow Process
10. Study of Foundation Fieldbus /IOT/Wireless HART Enabled Transmitter

SARANATHAN COLLEGE OF ENGINEERIN G

TIRUCHIRAPALLI - 620 012.

Date: 12-05-2021

Ref : SCE/Syllabus/Laboratory/~~2020-21~~Odd sem/ Even Sem

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	:	Signature	:
Name	: G.PRASANNA PERUMAL.	Name	: P.ARAVIND
Designation	: AP	Designation	: AP
Department	: ECE.		

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed.

EI8661 PROCESS CONTROL LABORATORY **L T P C**
0 0 4 2

OBJECTIVES:

1. To experimentally verify the process control concepts on the selected process control loops.
2. To impart theoretical and practical skills in process identification and PID controller tuning
3. To make the students aware of basic and advanced control schemes

LIST OF EXPERIMENTS:

Simulation Based Experiments

1. Simulation of lumped /distributed parameter system
2. Mathematical model of a typical industrial process using nonparametric identification methods
3. Tuning of PID Controller for mathematically described processes
4. PID Enhancements (Cascade and Feed-forward Control Schemes)
5. Design and Implementation of Multi-loop PID Controller on the simulated model of a typical industrial process.
6. Study of AC and DC drives.

Hardware based experiments

1. Characteristics of Pneumatically Actuated Control Valve (with and without Positioner).
2. Study and control of flow process using Compact Flow Control Unit.
3. Control of Level and Pressure using Process Control Training Plant.
4. Design and implementation of ON/OFF Controller for the Temperature Process.
5. Design and implementation of Interacting and non-interacting system
6. Design and implementation of adaptive or model predictive control schemes

Saranathan College of Engineering

QAC - Audit Report

Academic Year :2020-2021 EVEN SEMESTER

Year/ Sem/Sec	IV/VIII/A															Sem: EVEN				
																Dept		ICE		
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %				
GE8073	Ezhilarasi-ice	IA Test	55	55	NIL	NIL	100%	55	55	NIL	NIL	100%	55	55	NIL	NIL	100%				
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		Remarks	—					—					—								
GE8076	Girirajkumar-ice	IA Test	55	55	NIL	NIL	100%	55	55	NIL	NIL	100%	55	55	NIL	NIL	100%				
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		Remarks	—					—					—								
Signature of QAC members with name			S.PRASSANNA PERUMAL					S.PRASSANNA PERUMAL					S.PRASSANNA PERUMAL								
Signature of HOD																				
QAC In-Charge			S.N.A					S.N.A					S.N.A								
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering

QAC - Audit Report

Academic Year :2020-2021 EVEN SEMESTER

Sem: EVEN

Year/ Sem/Sec	III/VI/A		Test I					Test II					Dept: ICE Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
IC8651	Seetharaman-ice	IA Test	42	42	NIL	7	83%	42	42	NIL	NIL	100%	42	42	NIL	NIL	100%
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	some students made mistakes in Problems. Practice Problems given to them					—					—				
EI8651	Aravind-ice	IA Test	42	42	NIL	NIL	100%	42	42	NIL	5	88%	42	42	NIL	NIL	100%
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	—					13 students were absent					—				
CS8391	Sheelavathy-it	IA Test	42	42	NIL	NIL	100%	42	42	NIL	NIL	100%	42	41	1	NIL	98%
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	—					—					—				

EI8092	Thirumurugan-ice	IA Test	42	42	NIL	NIL	100%	42	42	NIL	NIL	100%	42	41	1	1	95%
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
EE8072	Ezhilarasi-ice	IA Test	42	42	NIL	NIL	100%	42	42	NIL	NIL	100%	42	41	1	NIL	98%
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
EE8071	Tamilarasan-eee	IA Test	42	42	NIL	1	98%	42	42	NIL	NIL	100%	42	41	1	NIL	98%
		Make up Test	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Remarks	-					-					-				
Signature of QAC members with name			S.P. / S.PRASANNA PERUMAL.					S.P. / S.PRASANNA PERUMAL.					S.P. / S.PRASANNA PERUMAL.				
Signature of HOD			S.N.A.					S.N.A.					S.N.A.				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year :2020-2021 EVEN SEMESTER

Sem: EVEN

Year/ Sem/Sec	II/IV/A		Test I					Test II					Dept: Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
MA8491	Subhashini-mat	IA Test	44	44	NIL	9	80%	44	44	Nil	1	98%	44	44	NIL	NIL	100%
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks	—					—					—				
EI8451	Ramprakash-eee	IA Test	44	44	NIL	4	91%	44	43	1	1	95%	44	44	NIL	2	95%
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks	—					—					—				
EI8452	Aravind-ice	IA Test	44	44	NIL	2	95%	44	44	NIL	3	93%	44	44	NIL	NIL	100%
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks	—							—			—				

EE8451	Thirumurugan-ice	IA Test	44	44	NiL	11	75%.	44	44	NiL	3	93%.	44	44	NiL	1	98%.
		Make up Test	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Remarks	Careless Mistakes in solving problems during the test					—					—				
IC8451	Vigneswaran-ice	IA Test	44	44	NiL	4	91%.	44	44	NiL	9	80%	44	44	NiL	5	89%.
		Make up Test	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Remarks	—					—					—				
EC8395	Malaisamy-ece	IA Test	44	43	1	2	93%	44	44	NiL	2	95%.	44	44	NiL	NiL	100%.
		Make up Test	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Remarks	—					—					—				
Signature of QAC members with name			S.P. Perumal / S. PRASSANNA PERUMAL.					S.P. Perumal / S. PRASSANNA PERUMAL.					S.P. Perumal / S. PRASSANNA PERUMAL.				
Signature of HOD			S.D.A					S.D.A					S.D.A				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 21

Sem: ~~ODD~~/ EVEN

Dept ICE

Year/ Sem/Sec	I / II		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BES252	Mr. Mahes (Mech)	IA Test	26	26	0	0	100	26	26	-	-	100	26	26	-	-	100
		Make up Test			—					—					—		
		Remarks			—					—					—		
EE8251	Mr. Vigneshwaran (ICE)	IA Test	26	26	0	1	96	26	26	-	1	96	26	26	-	1	96
		Make up Test															
		Remarks			—					—					—		
BE8291	Ms. Balamurugan (Che)	IA Test	26	26	0	3	88	26	26	-	1	96	26	26	-	1	96
		Make up Test			—					—					—		
		Remarks			—					—					—		
Signature of QAC members with name			S. Sandra / S. SANDRA					S. Sandra - S. Sandra					S. Sandra - S. Sandra				
Signature of HOD																	
QAC In-Charge			S.N.A					S.N.A					S.N.A				
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 - 21

Year/ Sem/Sec	I / II / ICE													Sem: ~~ODD~~/ EVEN				
														Dept		ICE		
			Test I					Test II						Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
HS8251	Ms. Sandra	IA Test	26	26	-	-	100	26	26	-	-	100		26	26	-	-	100
		Make up Test																
		Remarks																
MA8251	Ms. Anupriya.	IA Test	26	26	-	2	92	26	26	-	1	96		26	26	-	-	100
		Make up Test																
		Remarks																
PH8253	Ms. Saravanadevi	IA Test	26	26	-	0	100	26	26	-	-	100		26	26	-	3	88
		Make up Test																
		Remarks																
Signature of QAC members with name			S. Sandra					Sandra. S						Sandra. S				
Signature of HOD			Signed					Signed						Signed				
QAC In-Charge			S.N.A					S.N.A						S.N.A				
IQAC Co-ordinator																		
Principal																		

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE		DETAILS OF EXAMINATION IA TEST : 1 Makeup Test : NIL.			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : IV/VIII/A					
		IA Test	Makeup Test		
1	GE8073	205050, 205058	–	–	–
2	GE8076	205031, 205028	–	–	–

VERIFIED BY

1 S.P.

2 S.A.

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE		DETAILS OF EXAMINATION IA TEST : 2 Makeup Test : Nil			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : IV/VIII/A					
		IA Test	Makeup Test		
1	GE8073	205007, 205028	–	–	–
2	GE8076	205015, 205014	–	–	–

VERIFIED BY

1 S.P.

2 S.A.

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE			DETAILS OF EXAMINATION IA TEST : 3 Makeup Test : Nil			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : IV/VIII/A						
		IA Test	Makeup Test			
1	GE8073	205029, 205031	–	–	–	–
2	GE8076	205059, 205061	–	–	–	–

VERIFIED BY

1 S.P.Tamil -/-

2 S.A.Arul.

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE			DETAILS OF EXAMINATION IA TEST : I		Makeup Test : NIL	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : III/VI/A						
		IA Test	Makeup Test			
1	IC8651	215028, 215029	—	—	—	—
2	EI8651	215005, 215033	—	—	—	—
3	CS8391	215014, 215023	—	—	—	—
4	EI8092	215022, 215014	—	—	—	—
5	EE8072	215035, 215011	—	—	—	—
6	EE8071	215001, 215017	—	—	—	—

VERIFIED BY

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SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE		DETAILS OF EXAMINATION IA TEST : 2 Makeup Test : NIL			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II/IV/A					
		IA Test	Makeup Test		
1	MA8491	215025, 215008	—	—	—
2	EI8451	215005, 215033	—	—	—
3	EI8452	215034, 215030	—	—	—
4	EE8451	215014, 215018	—	—	—
5	IC8451	215017, 215026	—	—	—
6	EC8395	215037, 215022	—	—	—

VERIFIED BY

1 S.P.Rajmohan

2 S.A.A

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE			DETAILS OF EXAMINATION IA TEST : 3 Makeup Test : NIL			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : II/IV/A						
		IA Test	Makeup Test			
1	MA8491	215027, 215016	—	—	—	—
2	EI8451	215007, 215012	—	—	—	—
3	EI8452	215002, 215032	—	—	—	—
4	EE8451	215011, 215016	—	—	—	—
5	IC8451	215005, 215011	—	—	—	—
6	EC8395	215029, 215038	—	—	—	—

VERIFIED BY

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SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE			DETAILS OF EXAMINATION IA TEST : 1 Makeup Test : NIL			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : II/IV/A						
		IA Test	Makeup Test			
1	MA8491	225016, 225011	—	—	—	—
2	EI8451	225013, 225047	—	—	—	—
3	EI8452	225047, 225013	—	—	—	—
4	EE8451	225006, 225013	—	—	—	—
5	IC8451	225047, 225016	—	—	—	—
6	EC8395	225013, 225043	—	—	—	—

VERIFIED BY

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SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE			DETAILS OF EXAMINATION IA TEST : 3 Makeup Test : NIL		
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III/VI/A					
		IA Test	Makeup Test		
1	IC8651	225020, 205034	—	—	—
2	EI8651	225036, 225040	—	—	—
3	CS8391	225023, 225004	—	—	—
4	EI8092	225003, 225040	—	—	—
5	EE8072	225040, 225046	—	—	—
6	EE8071	225003, 225005	—	—	—

VERIFIED BY

1 S.P. -/-

2 S.A.A.

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT: ICE		DETAILS OF EXAMINATION IA TEST : 3 Makeup Test : NIL.			
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : III/VI/A					
		IA Test	Makeup Test		
1	IC8651	225017, 225011	—	—	—
2	EI8651	225008, 225001	—	—	—
3	CS8391	225045, 225041	—	—	—
4	EI8092	225007, 225025	—	—	—
5	EE8072	225001, 225004	—	—	—
6	EE8071	225015, 225012	—	—	—

VERIFIED BY

1 S.P.Rajmohan

2 S.A.

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2020-2021 EVEN SEMESTER

NAME OF THE DEPARTMENT – ICE	DETAILS OF EXAMINATION IA TEST : I	Makeup Test : –

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	BE8252	235002, 235008	–		
2	EE8251	235005, 235023	–		
3	GE8291	235011, 235008	–	Yes	
4	HS8251	235006, 235004	–	Yes	
5	MA8251	235007, 235008	–	Yes	
6	PH8253	235007, 235008	–	Yes	

VERIFIED BY

1 1/9/21

2 S.A.A.

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT	ICE - I year	DETAILS OF EXAMINATION	IA TEST : II	Makeup Test :

Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	BE8252	235002, 235004	-	-	
2	EE8251	235003, 235023	-	-	
3	GE8291	235007, 235009	-	yes	
4	HS8251	235008, 235013	-	yes	
5	MA8251	235004, 235006	-	yes	
6	PH8253	235011, 235004	-	yes	

VERIFIED BY

1 1/9/21

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT – ICE			DETAILS OF EXAMINATION IA TEST : III		Makeup Test :
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC :					
		IA Test	Makeup Test		
1	BE 8252	235001, 235009	-		
2	EE 8251	235002, 235020	-		
3	GE 8291	235011, 235018	-	Yes	
4	HS 8251	235018, 235015	-	Yes	
5	MA 8251	235018, 235017	-	Yes	
6	PH 8253	235006, 255007	-	Yes	

VERIFIED BY

1 19/21

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

TIRUCHIRAPALLI - 620 012.

FEEBACK DATA COLLECTED FROM STUDENTS

SEMESTER : 2020-2021 (Even)

SUBJECT NAME : Linear integrated circuits and applications

SUBJECT CODE : EE8451

FACULTY NAME : P.Thirumurugan

DESIGNATION : ASSISTANT PROFESSOR

Q. No	Question (Weightage)	No of Students participated	No of students					Question wise Total	(Rounded to Questions Weightage)
			5*	4*	3*	2*	1*		
1	**Does the faculty come Prepared for the Classes ?[15.0]**	35	20	11	3	1	0	155/175	**13.29/15.0**
2	**Subject Knowledge and Clarity of the Faculty[15.0]**	35	17	11	6	1	0	149/175	**12.77/15.0**
3	**Impartiality and Fairness to Students ?[8.0]**	35	14	16	4	1	0	148/175	**6.77/8.0**
4	**Interaction with Students by the faculty[12.0]**	35	16	12	6	1	0	148/175	**10.15/12.0**
5	**Valuable/Extra Information given during the Lectures by the faculty[12.0]**	35	11	14	8	2	0	139/175	**9.53/12.0**
6	**Enthusiasm for Subject ?[12.0]**	35	12	16	6	1	0	144/175	**9.87/12.0**
7	**Showing Concern and Care for Students?[4.0]**	35	14	16	4	1	0	148/175	**3.38/4.0**
8	**Punctuality in Evaluation of Exam Papers/ Assignments ?[6.0]**	35	14	14	6	1	0	146/175	**5.01/6.0**
9	**Whether Syllabus for IA Tests/ University Examination Completed steadily?[8.0]**	35	18	12	4	1	0	152/175	**6.95/8.0**
10	**Ability to Speak Loudly and Clearly [8.0]**	35	16	13	4	2	0	148/175	**6.77/8.0**

Overall Percentage : 84.49 | Overall Total : 1477/1750

* 5-Excellent, 4-Very good, 3-good, 2-Very Fair, 1 Fair

Signature of the ~~faculty~~

(P.THIRUMURUGAN)

signature of the HOD

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

TIRUCHIRAPALLI - 620 012.

FEEBACK DATA COLLECTED FROM STUDENTS

SEM : 2020-2021(EVEN)

SUBJECT NAME: Logic and Distributed Control System

SUBJECT CODE : EI8651

FACULTY NAME : P. Aravind

DESIGNATION : ASSISTANT PROFESSOR

Q.no	Questions[Weightage]	No.of Students Participated	No.of Students					Question wise Total	[Rounded to Questions Weightages] / [Max.Weightage]
			5*	4*	3*	2*	1*		
1	**Does the faculty come Prepared for the Classes ?[15.0]**	38	13	19	6	0	0	159/190	**12.55/15.0**
2	**Subject Knowledge and Clarity of the Faculty[15.0]**	38	16	17	5	0	0	163/190	**12.87/15.0**
3	**Impartiality and Fairness to Students ?[8.0]**	38	19	12	7	0	0	164/190	**6.91/8.0**
4	**Interaction with Students by the faculty[12.0]**	38	14	14	10	0	0	156/190	**9.85/12.0**
5	**Valuable/Extra Information given during the Lectures by the faculty[12.0]**	38	17	16	5	0	0	164/190	**10.36/12.0**
6	**Enthusiasm for Subject ?[12.0]**	38	13	17	7	1	0	156/190	**9.85/12.0**
7	**Showing Concern and Care for Students?[4.0]**	38	11	19	7	1	0	154/190	**3.24/4.0**
8	**Punctuality in Evaluation of Exam Papers/ Assignments ?[6.0]**	38	15	17	6	0	0	161/190	**5.08/6.0**
9	**Whether Syllabus for IA Tests/ University Examination Completed steadily?[8.0]**	38	14	18	6	0	0	160/190	**6.74/8.0**
10	**Ability to Speak Loudly and Clearly [8.0]**	38	15	16	7	0	0	160/190	**6.74/8.0**
Overall Percentage : 84.19			**Overall Total : 1597/1900**						

*** 5-Excellent,4-VeryGood,3-Good,2-VeryFair,1-Fair**

Signature of the Faculty: (P. ARAVIND)

Signature of the HoD:

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **3** Programme: **B.E/B.Tech (ICE)**
Subject Code : **EI8351** NBA Code : **C204** Title **ELECTRICAL MEASUREMENTS**
Faculty: Dr.P.Aravind / Mr.P.Aravind

Cos	CO Description	Attained Level	%
C204.1	Examine current and voltage using various types of instruments	2.77	92.33
C204.2	Examine power and energy using wattmeter and energy meter	2.23	74.33
C204.3	Determine unknown potential drop using potentiometer	2.77	92.33
C204.4	Distinguish the operation of current and potential transformers.	2.77	92.33
C204.5	Understand the concept of various resistance measuring methods.	2.5	83.33
C204.6	Calculate the value of unknown impedance and capacitance using bridges.	2.77	92.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 44

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
225001	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225003	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225004	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225005	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225006	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225007	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225008	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225009	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225010	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225011	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225012	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225013	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225014	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225015	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225016	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225017	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3

225018	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225019	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225020	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225021	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225022	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225023	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225024	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225025	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225027	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225028	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225029	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225030	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225031	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225033	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225034	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225035	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225036	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225037	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225038	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225039	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225040	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225041	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225042	EI8351	2	3	2	2	2	2	28/12/2020	ICE	3
225043	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225044	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
225045	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225046	EI8351	3	2	3	3	3	3	28/12/2020	ICE	3
225047	EI8351	3	2	3	3	2	3	28/12/2020	ICE	3
Attained Level		2.77	2.23	2.77	2.77	2.5	2.77			
%		92.33	74.33	92.33	92.33	83.33	92.33			

Faculty Sign

Dr. P. ARAVIND

H.O.D. (ICE)
Saranathan College of Engg.
Trichirapalli - 620 012.

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **7** Programme: **B.E/B.Tech (ICE)**
Subject Code : **EI8075** NBA Code : **C404-E31**
Title: **FIBRE OPTICS AND LASER INSTRUMENTATION**
Faculty: Dr.P.Aravind

Cos	CO Description	Attained Level	%
C404-E31.1	Understand the principle, transmission, dispersion and attenuation characteristics of optical fibers	3.0	100.00
C404-E31.2	Acquire knowledge on the concepts of waves and optical devices and their applications in fibre optics	2.0	66.67
C404-E31.3	Apply the gained knowledge on optical fibers for its use as communication medium.	3.0	100.00
C404-E31.4	Gained knowledge optical fibre as a sensor which have important applications in production, manufacturing industrial and biomedical applications.	3.0	100.00
C404-E31.5	Understand laser theory and laser generation system.	2.93	97.67
C404-E31.6	Students will gain ability to apply laser theory for the selection of lasers for a specific Industrial and medical application.	3.0	100.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 55

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
205001	EI8075	3	2	3	3	2	3	28/12/2020	ICE	7
205002	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205003	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205004	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205005	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205006	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205007	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205008	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205010	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205011	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205012	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7

205013	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205014	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205015	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205016	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205017	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205021	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205022	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205023	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205024	EI8075	3	2	3	3	2	3	28/12/2020	ICE	7
205025	EI8075	3	2	3	3	2	3	28/12/2020	ICE	7
205026	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205027	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205028	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205029	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205030	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205031	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205033	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205034	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205035	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205037	EI8075	3	2	3	3	2	3	28/12/2020	ICE	7
205038	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205039	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205040	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205041	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205042	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205043	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205045	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205046	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205047	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205048	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205050	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205051	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205052	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7

205053	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205054	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205055	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205057	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205058	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205059	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205060	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205061	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205062	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205063	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
205064	EI8075	3	2	3	3	3	3	28/12/2020	ICE	7
Attained Level		3.0	2.0	3.0	3.0	2.93	3.0			
%		100.00	66.67	100.00	100.00	97.67	100.00			

Faculty Sign

Dr. P. ARAVIND

H.O.D. (ICE)
Saranathan College of Engg.,
Trichirapalli - 620 012.

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - Second Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	30	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	50
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	51
05	FRI				05	FRI		V	10	05	MON	STUDENT FEEDBACK 1	V	31	05	WED		I	52
06	SAT				06	SAT	Holiday			06	TUE		I	32	06	THU		II	53
07	SUN				07	SUN	Holiday			07	WED		II	33	07	FRI		III	54
08	MON				08	MON		I	11	08	THU		III	34	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI		IV	35	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	55
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	56
12	FRI				12	FRI		V	15	12	MON		V	36	12	WED		I	57
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year	I	37	13	THU	STUDENT FEEDBACK 2	II	58
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON	Offline Classes	i	16	15	THU		II	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE	Offline Classes	ii	17	16	FRI		III	39	16	SUN	Holiday		
17	WED				17	WED	Offline Classes	iii	18	17	SAT	Holiday			17	MON	IA Test 3	III	59
18	THU				18	THU	Offline Classes	iv	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	60
19	FRI				19	FRI	Offline Classes	v	20	19	MON		IV	40	19	WED	IA Test 3	V	61
20	SAT				20	SAT	Offline Classes	i	21	20	TUE		V	41	20	THU	IA Test 3	I	62
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	42	21	FRI	IA Test 3	II	63
22	MON	IV Sem class commences	I	1	22	MON	Offline Classes	ii	22	22	THU	IA Test 2	II	43	22	SAT			
23	TUE		II	2	23	TUE	Offline Classes	iii	23	23	FRI	IA Test 2	III	44	23	SUN	Holiday		
24	WED		III	3	24	WED	Offline Classes	iv	24	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	Offline Classes	v	25	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	Offline Classes	i	26	26	MON	IA Test 2	IV	45	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	46	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED		I	47	28	FRI			
					29	MON	IA Test 1	I	27	29	THU		II	48	29	SAT			
					30	TUE	IA Test 1	II	28	30	FRI		III	49	30	SUN			
					31	WED	IA Test 1	III	29						31	MON			
No. of Working days			5	5				24	29				20	49				14	63
																	Total No.of working days for the semester :		63

i,ii,iii,iv,v - day orders to be followed during offline classes

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - Third Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	51
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	52
05	FRI				05	FRI		V	10	05	MON	Offline Classes	i	30	05	WED		I	53
06	SAT				06	SAT	Holiday			06	TUE	Offline Classes	ii	31	06	THU		II	54
07	SUN				07	SUN	Holiday			07	WED	Offline Classes	iii	32	07	FRI		III	55
08	MON				08	MON		I	11	08	THU	Offline Classes	iv	33	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI	Offline Classes	v	34	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Offline Classes	i	35	10	MON		IV	56
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	57
12	FRI				12	FRI		V	15	12	MON	Offline Classes	ii	36	12	WED		I	58
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year, Offline Classes	iii	37	13	THU	STUDENT FEEDBACK -2	II	59
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON		I	16	15	THU	Offline Classes	iv	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE		II	17	16	FRI	Offline Classes	v	39	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT	Offline Classes	i	40	17	MON	IA Test 3	III	60
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	61
19	FRI				19	FRI		V	20	19	MON		IV	41	19	WED	IA Test 3	V	62
20	SAT				20	SAT	Holiday			20	TUE		V	42	20	THU	IA Test 3	I	63
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	43	21	FRI	IA Test 3	II	64
22	MON	VI Sem class commences	I	1	22	MON		I	21	22	THU	IA Test 2	II	44	22	SAT			
23	TUE		II	2	23	TUE		II	22	23	FRI	IA Test 2	III	45	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI		V	25	26	MON	IA Test 2	IV	46	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	47	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED		I	48	28	FRI			
					29	MON	IA Test 1	I	26	29	THU		II	49	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI		III	50	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				22	50				14	64
																	Total No.of working days for the semester :		64

i,ii,iii,iv,v - day orders to be followed during offline classes

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - Final Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON	IA Test 1	I	34	01	THU	STUDENT FEEDBACK -2	IV	57	01	SAT			
02	TUE				02	TUE	IA Test 1	II	35	02	FRI	Good Friday			02	SUN			
03	WED	Founder's day			03	WED		III	36	03	SAT	Holiday			03	MON			
04	THU				04	THU		IV	37	04	SUN	Holiday			04	TUE			
05	FRI				05	FRI		V	38	05	MON	IA Test 3	V	58	05	WED			
06	SAT				06	SAT	Holiday			06	TUE	IA Test 3	I	59	06	THU			
07	SUN				07	SUN	Holiday			07	WED		II	60	07	FRI			
08	MON				08	MON	STUDENT FEEDBACK -1	I	39	08	THU		III	61	08	SAT			
09	TUE				09	TUE		II	40	09	FRI		IV	62	09	SUN			
10	WED				10	WED		III	41	10	SAT	Holiday			10	MON			
11	THU				11	THU	Maha Shivaratri	IV	42	11	SUN	Holiday			11	TUE			
12	FRI				12	FRI		V	43	12	MON		V	63	12	WED			
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU			
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI			
15	MON				15	MON	IA Test 2	I	44	15	THU				15	SAT			
16	TUE				16	TUE	IA Test 2	II	45	16	FRI	Univ. Practical Exam			16	SUN			
17	WED				17	WED		III	46	17	SAT	Holiday			17	MON			
18	THU				18	THU		IV	47	18	SUN	Holiday			18	TUE			
19	FRI				19	FRI		V	48	19	MON				19	WED			
20	SAT				20	SAT	Holiday			20	TUE				20	THU			
21	SUN	Holiday			21	SUN	Holiday			21	WED				21	FRI			
22	MON	IV Sem class commences	I	29	22	MON		I	49	22	THU				22	SAT			
23	TUE		II	30	23	TUE		II	50	23	FRI				23	SUN			
24	WED		III	31	24	WED		III	51	24	SAT				24	MON			
25	THU		IV	32	25	THU		IV	52	25	SUN				25	TUE			
26	FRI		V	33	26	FRI		V	53	26	MON				26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE				27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED				28	FRI			
					29	MON		I	54	29	THU				29	SAT			
					30	TUE		II	55	30	FRI				30	SUN			
					31	WED		III	56						31	MON			
No. of Working days			5	33				23	56				7	63					

Total No.of working days for the semester : 63

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Planner for Even semester(2020-21) - Second Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days
01	MON				01	MON	Class Committee meeting	I	6	01	THU	IA Test 1	IV	30	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	50
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	51
05	FRI				05	FRI		V	10	05	MON	STUDENT FEEDBACK 1	V	31	05	WED		I	52
06	SAT				06	SAT	Holiday			06	TUE		I	32	06	THU		II	53
07	SUN				07	SUN	Holiday			07	WED		II	33	07	FRI		III	54
08	MON				08	MON		I	11	08	THU		III	34	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI		IV	35	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	55
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	56
12	FRI				12	FRI		V	15	12	MON		V	36	12	WED		I	57
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year	I	37	13	THU	TUDENT FEEDBACK	II	58
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON	Offline Classes	i	16	15	THU		II	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE	Offline Classes	ii	17	16	FRI		III	39	16	SUN	Holiday		
17	WED				17	WED	Webinar on Data Analytics with Python	iii	18	17	SAT	Holiday			17	MON	IA Test 3	III	59
18	THU				18	THU	Offline Classes	iv	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	60
19	FRI				19	FRI	Offline Classes	v	20	19	MON		IV	40	19	WED	IA Test 3	V	61
20	SAT				20	SAT	Offline Classes	i	21	20	TUE		V	41	20	THU	IA Test 3	I	62
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	42	21	FRI	IA Test 3	II	63
22	MON	IV Sem class commences	I	1	22	MON	Offline Classes	ii	22	22	THU	IA Test 2	II	43	22	SAT			
23	TUE		II	2	23	TUE	Offline Classes	iii	23	23	FRI	IA Test 2	III	44	23	SUN	Holiday		
24	WED		III	3	24	WED	Offline Classes	iv	24	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU	Class Committee meeting	IV	4	25	THU	Offline Classes	v	25	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	Online Quiz on Java Programming	i	26	26	MON	IA Test 2	IV	45	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	46	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED	Class Committee meeting	I	47	28	FRI			
					29	MON	IA Test 1	I	27	29	THU		II	48	29	SAT			
					30	TUE	IA Test 1	II	28	30	FRI		III	49	30	SUN			
					31	WED	IA Test 1	III	29						31	MON			
No. of Working days			5	5				24	29				20	49				14	63

Total No.of working days for the semester : 63

Principal

HOD-IT

H.O.D. (IT)
Saranathan College of Engg.
Trichirapalli - 620 012.

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SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Planner for Even semester(2020-21) - Third Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	51
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	52
05	FRI				05	FRI		V	10	05	MON	Offline Classes	i	30	05	WED		I	53
06	SAT				06	SAT	Holiday			06	TUE	Offline Classes	ii	31	06	THU		II	54
07	SUN				07	SUN	Holiday			07	WED	Offline Classes	iii	32	07	FRI		III	55
08	MON				08	MON		I	11	08	THU	Offline Classes	iv	33	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI	Offline Classes	v	34	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Offline Classes	i	35	10	MON		IV	56
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	57
12	FRI				12	FRI		V	15	12	MON	Offline Classes	ii	36	12	WED		I	58
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year, Offline Classes	iii	37	13	THU	STUDENT FEEDBACK -2	II	59
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON		I	16	15	THU	Offline Classes	iv	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE		II	17	16	FRI	Offline Classes	v	39	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT	Offline Classes	i	40	17	MON	IA Test 3	III	60
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	61
19	FRI				19	FRI		V	20	19	MON		IV	41	19	WED	IA Test 3	V	62
20	SAT				20	SAT	Holiday			20	TUE		V	42	20	THU	IA Test 3	I	63
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	43	21	FRI	IA Test 3	II	64
22	MON	VI Sem class commences	I	1	22	MON	Webinar on Recent Trends in computer science	I	21	22	THU	IA Test 2	II	44	22	SAT			
23	TUE		II	2	23	TUE		II	22	23	FRI	IA Test 2	III	45	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI	Class Committee meeting	V	5	26	FRI		V	25	26	MON	IA Test 2	IV	46	26	WED			
27	SAT	Holiday			27	SAT	Online Quiz on Operating System			27	TUE	IA Test 2	V	47	27	THU			
28	SUN	Holiday			28	SUN	Pangunl Uthiram, Holy			28	WED	Class Committee meeting	I	48	28	FRI			
					29	MON	IA Test 1	I	26	29	THU		II	49	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI		III	50	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				22	50				14	64
																	Total No.of working days for the semester :		64

Principal

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Saranathan College of Engg.
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SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Planner for Even semester(2020-21) - Final Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON	IA Test 1	I	34	01	THU	STUDENT FEEDBACK -2	IV	57	01	SAT			
02	TUE				02	TUE	IA Test 1	II	35	02	FRI	Good Friday			02	SUN			
03	WED	Founder's day			03	WED		III	36	03	SAT	Holiday			03	MON			
04	THU				04	THU		IV	37	04	SUN	Holiday			04	TUE			
05	FRI				05	FRI		V	38	05	MON	IA Test 3	V	58	05	WED			
06	SAT				06	SAT	Holiday			06	TUE	IA Test 3	I	59	06	THU			
07	SUN				07	SUN	Holiday			07	WED		II	60	07	FRI			
08	MON				08	MON	STUDENT FEEDBACK -1	I	39	08	THU		III	61	08	SAT			
09	TUE				09	TUE	Webinar on AWS	II	40	09	FRI		IV	62	09	SUN			
10	WED				10	WED		III	41	10	SAT	Holiday			10	MON			
11	THU				11	THU	Maha Shivaratri	IV	42	11	SUN	Holiday			11	TUE			
12	FRI				12	FRI		V	43	12	MON		V	63	12	WED			
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU			
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI			
15	MON				15	MON	IA Test 2	I	44	15	THU				15	SAT			
16	TUE				16	TUE	IA Test 2	II	45	16	FRI	Univ. Practical Exam			16	SUN			
17	WED				17	WED		III	46	17	SAT	Holiday			17	MON			
18	THU				18	THU		IV	47	18	SUN	Holiday			18	TUE			
19	FRI				19	FRI	Webinar on Machine Learning	V	48	19	MON				19	WED			
20	SAT				20	SAT	Holiday			20	TUE				20	THU			
21	SUN	Holiday			21	SUN	Holiday			21	WED				21	FRI			
22	MON	IV Sem class commences	I	29	22	MON		I	49	22	THU				22	SAT			
23	TUE		II	30	23	TUE		II	50	23	FRI				23	SUN			
24	WED		III	31	24	WED		III	51	24	SAT				24	MON			
25	THU	Class Committee meeting	IV	32	25	THU		IV	52	25	SUN				25	TUE			
26	FRI		V	33	26	FRI		V	53	26	MON	Class Committee meeting			26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE				27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED				28	FRI			
					29	MON		I	54	29	THU				29	SAT			
					30	TUE		II	55	30	FRI				30	SUN			
					31	WED		III	56						31	MON			
No. of Working days			5	33				23	56				7	63					

Total No.of working days for the semester : 63

Principal

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Trichirappalli - 620 012.

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SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Information Technology
WORKLOAD -ALLOCATION FOR THE ACADEMIC YEAR 2020-2021(EVEN)

Date: 18.02.21

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr.V.Punitha Prof.	Computational Intelligence	IT8601	III/VI	THEORY	4	4
2	Ms.N.Bhavani Assoc.Prof.	Professional Ethics in Engineerig	GE8076	IV/VIII	THEORY	3	6
		Design and analysis of algorithms	CS8451	II/IV	THEORY	3	
		Mini Project	IT8611	III/VI	LAB		
3	Ms.J.Sangeetha Priya Asst.Prof	Computer Graphics and Multimedia	CS8092	III/VI	THEORY	4	7
		Computer Architecture	CS8491	II/IV	THEORY	3	
		Project Work	IT8811	IV/VIII	LAB		
4	Mr.V.Senthil Balaji Asst.Prof	Object Oriented Analysis and Design	CS8592	III/VI	THEORY	3	6
		Information Technology Essentials	IT8201	I/II	THEORY	3	
		Information Technology Essentials Lab	IT8211	I/II	LAB		
		Object Oriented Analysis and Design Lab	CS8582	III/VI	LAB		
5	Mr.P.Anand Asst.Prof	Big Data Analytics	CS8091	III/VI	THEORY	3	6
		Machine Learning Techniques	CP5191	I/ I -ME-CSE	THEORY	3	
		Mini Project	IT8611	III/VI	LAB		
6	Mr.R.Rengaraj @ Muralidharan Asst. Prof.	Electronic Commerce	IT8005	IV/VIII	THEORY	3	7
		Database Management Systems	CS8492	II/IV	THEORY	4	
		Database Management Systems Lab	CS8481	II/IV	LAB		
7	Ms.A.Sheelavathi Asst. Prof.	Operating System Internals	CP5153	I/ I -ME-CSE	THEORY	3	7
		Data Structures	CS8391	III/VI-ICE	THEORY	4	
		Data Structures Lab	CS8381	III/VI-ICE	LAB		
8	Ms. M.Padmapriya Asst. Prof.	Software Testing	IT8076	III/VI	THEORY	3	6
		Operating Systems	CS8493	II/IV	THEORY	3	
		Operating Systems Lab	CS8461	II/IV	LAB		
9	Mr. V.Manojkumar Asst. Prof.	Mobile Communication	IT8602	III/VI	THEORY	3	6
		Programming in C	CS8251	I/II	THEORY	3	
		C Programming Lab	CS8261	I/II	LAB		
		Mobile Application Development Lab	CS8662	III/VI	LAB		
					Total		55

Timetable Coordinators
1. Ms. A. Sheelavathi
2. Mr. R. Rengaraj

HoD/IT

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SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Information Technology
WORKLOAD -ALLOCATION FOR THE ACADEMIC YEAR 2020-2021(EVEN)

Date: 18.02.21

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB
1	Dr.V.Punitha Prof.	Computational Intelligence	IT8601	III/VI	THEORY
2	Ms.N.Bhavani Assoc.Prof.	Professional Ethics in Engineerig	GE8076	IV/VIII	THEORY
		Design and analysis of algorithms	CS8451	II/IV	THEORY
		Cloud Computing Technologies	CP5092	I / II-ME-CSE	THEORY
		Mini Project	IT8611	III/VI	LAB
3	Ms.J.Sangeetha Priya Asst.Prof	Computer Graphics and Multimedia	CS8092	III/VI	THEORY
		Computer Architecture	CS8491	II/IV	THEORY
		Network Design and Technologies	CP5201	I / II-ME-CSE	THEORY
		Project Work	IT8811	IV/VIII	LAB
4	Mr.V.Senthil Balaji Asst.Prof	Object Oriented Analysis and Design	CS8592	III/VI	THEORY
		Information Technology Essentials	IT8201	I/II	THEORY
		Information Technology Essentials Lab	IT8211	I/II	LAB
		Object Oriented Analysis and Design Laboratory	CS8582	III/VI	LAB
5	Mr.P.Anand Asst.Prof	Big Data Analytics	CS8091	III/VI	THEORY
		Mini Project	IT8611	III/VI	LAB
6	Mr.R.Rengaraj @ Muralidharan Asst. Prof.	Electronic Commerce	IT8005	IV/VIII	THEORY
		Database Management Systems	CS8492	II/IV	THEORY
		Database Management Systems Lab	CS8481	II/IV	LAB
7	Ms.A.Sheelavathi Asst. Prof.	Data Structures	CS8391	III/VI-ICE	THEORY
		Data Structures Laboratory	CS8381	III/VI-ICE	LAB
8	Ms. M.Padmapriya Asst. Prof.	Software Testing	IT8076	III/VI	THEORY
		Operating Systems	CS8493	II/IV	THEORY
		Operating Systems Lab	CS8461	II/IV	LAB
9	Mr. V.Manojkumar Asst. Prof.	Mobile Communication	IT8602	III/VI	THEORY
		Programming in C	CS8251	I/II	THEORY
		C Programming Lab	CS8261	I/II	LAB
		Mobile Application Development Lab	CS8662	III/VI	LAB

HoD/IT

Principal

Timetable Coordinators
1. Ms. A. Sheelavathi
2. Mr. R. Rengaraj

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SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

REVIEW OF COURSE FILE

S.No.	Details Date:	Review 1	2	3	4	5
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy [1]	✓	✓			
2.	Timetable/ Workload of the staff – Distribution of teaching load – Roles and Responsibilities[1]	✓	✓			
3.	Syllabus signed by staff & HoD[1]	✓	✓			
4.	Lecture Schedule signed by staff & HoD[1]	✓	✓			
5.	Course Committee meeting circular and minutes[1]	✓	✓			
6.	Identification of Curricular gap and Content Beyond the syllabus[1]	✓	✓			
7.	Previous AU Question papers (at least 5)[1]	✓	✓			
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers[1]					
9.	Unit wise course material [1]	✓	✓			
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry [234]	✓	✓			
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry [234]					
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry[234]	✓	✓			
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. [234]	✓	✓			
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers[234]					
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers[234]					
16.	AU Web portal entry sheet[234]	✓	✓			
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.[23]					
18.	Absence for two tests-action taken-communication to parents-evidence.[23]					
19.	Indiscipline of student reported, if any [234]					
20.	Special class/coaching class/remedial class/attendance-CAP [234]					
21.	Conduct of Seminar, Quizzes - proof[234]					
22.	Content beyond the syllabus – proof [234]	✓	✓			
23.	Course end survey [4]					
24.	Internal Assessment sheet [4]					
25.	AU question paper with students feedback [5]					
26.	Discrepancy of the question paper and correspondence, if any [5]					
27.	AU result analysis-Details of arrear students. [5]					
28.	AU grade sheet [5]					
29.	CO – PO & PSO attainment sheet [5]					
	Signature of Course handling faculty	Bhagya	Bhagya			
	Signature of HoD					

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Department of Information Technology Degree: B.Tech(**IT**) Regulation:**2017**	LP: **CS8391** Date: 16.8.21
Sub. Code / Sub. Name : **CS8391 –DATA STRUCTURES** Unit : **I**	

UNIT I LINEAR DATA STRUCTURES – LIST 9

Abstract Data Types (ADTs) – List ADT – array-based implementation – linked list implementation —singly linked lists- circularly linked lists- doubly-linked lists – applications of lists –Polynomial Manipulation – All operations (Insertion, Deletion, Merge, Traversal).

Session No *	Topics to be covered	Ref	Periods	Teaching Aids
1.	Abstract Data Types (ADTs) Introduction	T1,R2	1	BB/PPT
2.	List ADT Array-based implementation, Linked list	T1,R2	2	BB/PPT
3.	Singly linked lists Programming Details – Insertion	T1,R2	2	BB/PPT
4.	Singly linked lists Programming Details – Deletion, Find Operations	T1,R2	2	BB/PPT
5.	Circularly linked lists Implementation	T1,R2	1	BB/PPT
6.	Doubly-linked lists Implementation	T1,R2	2	BB/PPT
7.	Applications of lists Polynomial Manipulation – Insertion, Deletion	T1,R2	1	BB/PPT
8.	Applications of lists Polynomial Manipulation – Merge, Traversal	T1,R2	1	BB/PPT

UNIT II LINEAR DATA STRUCTURES – STACKS, QUEUES 9

Stack ADT – Operations - Applications - Evaluating arithmetic expressions- Conversion of Infix to postfix expression - Queue ADT – Operations - Circular Queue – Priority Queue - deQueue – applications of queues.

Session No *	Topics to be covered	Ref	Periods	Teaching Aids
9.	Stack ADT Array Implementation of Stack	T1,R2	1	BB/ PPT
10.	Stack ADT Linked Implementation of Stack	T1,R2	2	BB/ PPT
11.	Evaluating arithmetic expressions Evaluation of Postfix expression, Infix to Postfix	T1,R2	2	BB/ PPT
12.	Applications Balancing Symbols, Function Calls	T1,R2	2	BB/ PPT
13.	Sample Problems	T1,R2	1	BB/ PPT

14.	Queue ADT Circular array implementation of queue	T1,R2	1	BB/ PPT
15.	Double ended Queues	T1,R2	2	BB/ PPT
16.	Applications of queues	T1,R2	1	BB/ PPT
Assignment: Application of Stack- Evaluating arithmetic expressions, Evaluation of Postfix expression, Infix to Postfix				

UNIT III NON LINEAR DATA STRUCTURES – TREES 9

Tree ADT – tree traversals - Binary Tree ADT – expression trees – applications of trees – binary search tree ADT –Threaded Binary Trees- AVL Trees – B-Tree - B+ Tree - Heap – Applications of heap.

Session No *	Topics to be covered	Ref	Periods	Teaching Aids
17.	Tree ADT	T1,R2	1	BB/PPT
18.	Tree traversals	T1,R2	2	BB/PPT
19.	Binary Tree ADT	T1,R2	1	BB/PPT
20.	Expression trees	T1,R2	1	BB/PPT
21.	Applications of trees	T1,R2	1	BB/PPT
22.	Binary search tree ADT	T1,R2	1	BB/PPT
23.	Threaded Binary Trees	T1,R2	1	BB/PPT
24.	AVL Trees	T1,R2	2	BB/PPT
25.	B-Tree - B+ Tree	T1,R2	2	BB/PPT
26.	Heap – Applications of heap.	T1,R2	1	BB/PPT
27.	**Content Beyond Syllabi:** Red Black Tree	T1,R2,R4		
Assignment: Expression trees, AVL Trees, Binary search tree ADT				

UNIT IV NON LINEAR DATA STRUCTURES – GRAPHS 9

Definition – Representation of Graph – Types of graph - Breadth-first traversal - Depth-first traversal – Topological Sort – Bi-connectivity – Cut vertex – Euler circuits – Applications of graphs.

Session No *	Topics to be covered	Ref	Periods	Teaching Aids
28.	Definition – Representation of Graph	T1,R2	2	BB/PPT
29.	Types of graph	T1,R2	1	PPT/ICT
30.	Breadth-first traversal - Depth-first traversal	T1,R2	1	BB/PPT

31.	Topological Sort	T1,R2	1	BB/PPT
32.	Bi-connectivity	T1,R2	2	BB/PPT
33.	Cut vertex	T1,R2	1	BB/PPT
34.	Euler circuits	T1,R2	2	BB/PPT
35.	Applications of graphs	T1,R2	2	BB/PPT
36.	**Content Beyond Syllabus:** Kruskal and Prim's Algorithm, Dijkstra's Algorithm	T1,R2,R4		

UNIT V SEARCHING, SORTING AND HASHING TECHNIQUES 9

Searching- Linear Search - Binary Search. Sorting - Bubble sort - Selection sort - Insertion sort - Shell sort – Radix sort. Hashing- Hash Functions – Separate Chaining – Open Addressing – Rehashing – Extendible Hashing.

Session No *	Topics to be covered	Ref	Periods	Teaching Aids
37.	Sorting algorithms Insertion sort , Selection sort	T1,R2	1	BB/PPT
38.	Sorting algorithms Shell sort, Bubble sort	T1,R2	2	BB/PPT
39.	Sorting algorithms Quick sort	T1,R2	1	BB/PPT
40.	Sorting algorithms Merge sort, Radix sort	T1,R2	2	BB/PPT
41.	Searching Linear search, Binary Search	T1,R2	2	BB/PPT
42.	Hashing Hash Functions, Separate Chaining	T1,R2	1	BB/PPT
43.	Open Addressing Linear Probing, Quadratic Probing, Double Hashing	T1,R2	2	BB/PPT
44.	Rehashing, Extendible Hashing	T1,R2	2	BB/PPT
Assignment: Insertion sort , Selection sort, Shell sort, Bubble sort.				

* Session duration: 50 mins

TEXT BOOKS:

1. Mark Allen Weiss, "Data Structures and Algorithm Analysis in C", 2nd Edition, Pearson Education,1997.
2. Reema Thareja, "Data Structures Using C", Second Edition , Oxford University Press, 2011

REFERENCES:

1. Thomas H. Cormen, Charles E. Leiserson, Ronald L.Rivest, Clifford Stein, "Introduction to Algorithms", Second Edition, Mcgraw Hill, 2002.
2. Aho, Hopcroft and Ullman, "Data Structures and Algorithms", Pearson Education,1983.
3. Stephen G. Kochan, "Programming in C", 3rd edition, Pearson Education.
4. Ellis Horowitz, Sartaj Sahni, Susan Anderson-Freed, "Fundamentals of Data Structures in C", Second Edition, University Press, 2008.

CS8391-Data Structure Assignment No 1

Operator precedence listed below:

Highest : ^

Next Highest : *, / and %

Lowest : + and -

1. Convert the following infix expression to its equivalent polish and reverse polish expression.

i. a + b * c

ii. a * (b / c) – d

iii. (a / (b – c + d)) * (e – f) * g

iv. (a * b) / (c * d) +(e / f) *g + h

2. Consider the following infix expression which is to be converted to postfix expression using stack.

i. (((P + Q) * (R + S)) / T) + (A*(B + C))

ii. A + (B * C – (D / E ^ F)) * G * H

3. Evaluate the given postfix expression using stack. 4, 5 , 4 ,*, 2 , 2 ,+ , - , /

4. Convert the expression (A+B) / (C-D) into postfix expression and then evaluate it for

A=10, B=20, C=15, D=5.

5. Check the following expression is Balanced or Not:

i. (a + b) * (c - d)

ii. ((a + b)* [c / d] – {{e +f})

A:

CO1 CO 2

5 5

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF INFORMATION TECHNOLOGY
(Accredited by NBA)

Lecture Schedule

Degree/Program: **B.TECH / IT** Course code &Name: **IT6712 Security Laboratory**
Duration: **JUN 2020 -NOV 2021** Semester: VII Section**: A** Faculty : Ms. J.Sangeethapriya

AIM

To demonstrate and understand the various Encryption and Decryption algorithms

OBJECTIVES

1. **To learn substitution cipher techniques**
2. **To learn transposition cipher techniques**
3. **To Understand the concepts of block and stream cipher techniques**
4. **To understand the concepts of digital signature .**
5. **To use various security tools and malware defeating concepts**

COURSE OUTCOMES: After the course, the student should be able to:

Course	Course Outcome	POs	PSOs
C407.1	Implement the traditional substitution techniques	1,2,3,10,11,12	1,2
C407.2	Implement the cryptography transpositional techniques	1,2,3, 10,11,12	1,2
C407.3	Understanding the concepts of various cryptographic algorithms	1,2,3,6, 10,11,12	1,2
C407.4	Implement the digital signature scheme using DSS and GNUPG tool	1,2,3,5,6 10,11,12	1,2
C407.5	Understand the network analyser tools like Netstumbler and KFSensor	1,2,3,5,6 10,11,12	1,2
C407.6	Install and demonstrate the IDS tools and Rootkits .	1,2,3,5, 10,11,12	1,2

S.No	Date Planned	Topics to be Covered	Date Actual
1	SEP 2ND TO 21ST	Implement the following SUBSTITUTION & TRANSPOSITION TECHNIQUES concepts: a) Caesar Cipher b) Playfair Cipher c) Hill Cipher d) Vigenere Cipher e) Rail fence – row & Column Transformation	SEP 2ND TO 21ST
2	OCT 12TH	Apply DES algorithm for applications.	OCT 12TH
3	OCT 22ND	Apply AES algorithm for applications.	OCT 22ND
4	OCT 27TH	Implement RSA Algorithm	OCT 27TH
5	OCT 3Oth	Implement the Diffie-Hellman Key Exchange algorithm for a given problem.	OCT 3Oth
6	Nov 2nd	Implement md5,sha-1 Algorithm	Nov 2nd
7	Nov 7th	Demonstrate how to provide secure data storage, secure data transmission and for creating digital signatures (GnuPG).	Nov 7th
8	Nov 9th	Setup a honey pot and monitor the honeypot on network (KF Sensor)	Nov 9th
9	Nov 9th	Perform wireless audit on an access point or a router and decrypt WEP and WPA.(Net Stumbler)	Nov 9th
	Nov 9th	Installation of rootkits and study about the variety of options	Nov 9th
8	Nov 9th	Demonstrate intrusion detection system (ids) using any	Nov 9th

		tool (snort or any other s/w)	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C407.2	2	1	1	-	-	-	-	-	-	1	1	1	2	1
C407.3	2	1	1	-	-	1	-	-	-	1	1	1	2	1
C407.4	2	1	1	-	1	1	-	-	-	1	1	1	2	1
C407.5	2	1	1	-	1	1	-	-	-	1	1	1	2	1
C407.6	2	1	1	-	-	1	-	-	-	1	1	1	2	1
C407.1	2	1	1	-	-	-	-	-	-	1	1	1	2	1

Faculty Incharge **HoD/IT.**

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 01.03.21

Ref : SCE/Syllabus/Laboratory/2020-21- Odd sem/

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

GE8161 - Problem Solving & Python Programming Lab

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	: N.Bhavani	Signature	:
Name	: N-BHAVANI	Name	:
Designation	: ASSOCIATE PROFESSOR	Designation	:
Department	: IT		

Signature of HoD : 01/03/2021

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed.

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SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 10.12.20

Ref : SCE/Syllabus/ Theory/2020-21 - ODD sem/

STATEMENT FOR SYLLABUS COMPLETION

Subcode : CS8992

I have handled the subject Cryptography & Nw Security code CS8992 for IV year, 7TH semester, department of IT B.E/B.Tech/~~MBA~~ during the academic year 20 – 21 , odd semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 58 periods, revised syllabus for 5 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : J. SANGEETHAPRIYA

Designation : ASSISTANT PROFESSOR

Department : IT

Date : 10.12.20

Signature of HoD : 10/12/2020

Principal :

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Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21 Even

Sem: ODD/ EVEN

Dept: IT

Year/ Sem/Sec: I | II | IT

Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BE8255 Basic Electrical	Mr. P. Ramesh Babu	IA Test	46	46	00	0	100	46	46	00	00	100	46	46	00	00	100
		Make up Test			—					—				—			
		Remarks	—					—					—				
CS8251 Programming in C	Mr. V. Manoj Kumar	IA Test	46	46	00	02	96	46	46	00	00	100	46	46	00	00	100
		Make up Test			—					—				—			
		Remarks	—					—					—				
HS8251 Technical English	Dr. V. Thamil Selvi	IA Test	46	45	01	03	91	46	46	00	02	96	46	45	01	00	98
		Make up Test		—						—				—			
		Remarks	—					—					—				
Signature of QAC members with name			RG (P. Saravana Devi)					P. Saravana Devi RG					P. Saravana Devi RG				
Signature of HOD			S.A.A					S.A.A					S.A.A				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 20-21

Sem: ODD/ EVEN

Dept: IT

Year/ Sem/Sec	I / II / IT		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
IT8201 Information Technology Essentials	Mr. V. Senthil Balaji	IA Test	46	45	01	00	98	46	45	01	02	93	46	45	01	01	96
		Make up Test			—					—				—			
		Remarks			—					—				—			
MA8251 Engineering Mathematics -II	Mr. N. Subash -N	IA Test	46	45	01	00	98	46	46	00	01	98	46	45	01	00	98
		Make up Test			—					—				—			
		Remarks			—					—				—			
PH8252 Physics for Information Science	Mr. G. Anantha Krishnan	IA Test	46	45	01	00	98	46	45	01	02	93	46	45	01	01	96
		Make up Test			—					—					—		
		Remarks			—					—				—			
Signature of QAC members with name			Mr CP. Saravana Dass					Mr CP. Saravana Dass					Mr CP. Saravana Dass				
Signature of HOD			S.A.					S.A.					S.A.				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: ~~2018-2019~~ 20-21 EVEN SEMESTER

NAME OF THE DEPARTMENT IT			DETAILS OF EXAMINATION IA TEST : I		Makeup Test :
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II / IV / A					
		IA Test	Makeup Test		
1	CS8491	224001, 26	–	–	–
2	CS8451	224001, 23	–	–	–
3	MA8391	224026, 46	–	–	–
4	CS8493	224025, 003	–	–	–
5	GE8291	224001, 007	–	–	–
6	CS8492	224001, 011	–	–	–

VERIFIED BY

1 P-A 7/9/21 [P. ANAND, AP/IT]

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

H.O.D. (IT)
Saranathan College of Engg.,
Trichirapalli - 620 012.

SARANATHAN COLLEGE OF ENGINEERING Tiruchirapalli - 620012	Program	IT
	Academic Year	
	2020 – 2021 / ODD	
Course End Survey Consolidated Report		

Course Code & Title	:	CS8792	Cryptography And Network Security	
NBA Code	:	C402	Year / Semester	IV/ VII
No of Students	:	55	Faculty Name	Ms.J.Sangeetha Priya

Cos	CO Description	Attained Level	%
C402.1	Understand basic security concepts and applications	2.56	85.33
C402.2	Understand and apply classical and modern ncryption techniques to provide security	2.48	82.67
C402.3	Understand and apply various authentication applications for security	2.48	82.67
C402.4	Identify and investigate system threats	2.52	84.00
C402.5	understand and implement important network security tools and mechanisms	2.44	81.33
C402.6	Understand the basic web security	2.52	84.00

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Course Exit Survey - Data Entry Details

No.of Students Participated in the survey: 25

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
204001	CS8792	2	2	2	2	1	1	29/01/2021	IT	7
204003	CS8792	1	1	2	2	1	1	29/01/2021	IT	7
204007	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204008	CS8792	2	2	2	2	2	3	29/01/2021	IT	7
204014	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204015	CS8792	3	2	1	3	2	1	29/01/2021	IT	7
204016	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204018	CS8792	3	3	2	2	3	3	29/01/2021	IT	7
204020	CS8792	2	3	1	3	2	3	29/01/2021	IT	7
204020	CS8792	3	2	3	3	3	3	29/01/2021	IT	7
204022	CS8792	3	3	3	2	2	3	29/01/2021	IT	7
204023	CS8792	2	3	3	2	3	3	29/01/2021	IT	7
204026	CS8792	2	2	2	3	3	3	29/01/2021	IT	7
204028	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204029	CS8792	2	2	2	2	2	2	29/01/2021	IT	7
204031	CS8792	3	2	3	3	2	3	29/01/2021	IT	7
204033	CS8792	2	1	2	2	1	1	29/01/2021	IT	7
204034	CS8792	3	3	3	2	3	3	29/01/2021	IT	7
204036	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204040	CS8792	2	2	3	2	2	1	29/01/2021	IT	7

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204051	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204054	CS8792	2	2	2	2	2	2	29/01/2021	IT	7
204056	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204057	CS8792	3	3	3	3	3	3	29/01/2021	IT	7
204058	CS8792	3	3	2	2	3	3	29/01/2021	IT	7
Attained Level		2.56	2.48	2.48	2.52	2.44	2.52			
%		85.33	82.67	82.67	84.00	81.33	84.00			

Ms.J.Sangeetha Priya

AP/IT

HOD/IT

H.O.D. (IT)
Saranathan College of Engg.
Trichirapalli - 620 012.

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SARANATHAN COLLEGE OF ENGINEERING Tiruchirapalli - 621012				Program	IT
				Academic Year	
				2020 – 2021 / ODD	
Course End Survey Consolidated Report					
Course Code & Title	:	CS8494	Software Engineering		
NBA Code	:	C305	Year / Semester	III/ V	
No of Students	:	62	Faculty Name	Ms.M.Padmapriya	

Cos	CO Description	Attained Level	%
C305.1	Explain the key activities in managing the software project and different process models	2.59	86.33
C305.2	Identify the concepts of requirement engineering and analysis modeling	2.54	84.67
C305.3	Identify the systematic procedure for software design and deployment. Explain the process of architectural design and other interface design.	2.62	87.33
C305.4	Compare and contrast various testing and maintenance	2.62	87.33
C305.5	Explain the cost estimation-LOC and FP based estimation	2.56	85.33
C305.6	Identify the the risk and RMMM plan	2.62	87.33

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 39

Batchno	Subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
214001	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214002	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214003	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214006	CS8494	1	1	1	1	1	1	29/01/2021	IT	5

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214007	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214008	CS8494	3	2	3	2	3	3	29/01/2021	IT	5
214009	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214010	CS8494	2	3	2	3	2	3	29/01/2021	IT	5
214013	CS8494	2	1	2	2	1	1	29/01/2021	IT	5
214015	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214016	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214017	CS8494	3	2	3	3	3	3	29/01/2021	IT	5
214018	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214019	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214021	CS8494	2	2	2	2	1	1	29/01/2021	IT	5
214021	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214022	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214024	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214026	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214027	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214028	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214031	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214032	CS8494	3	2	3	2	3	2	29/01/2021	IT	5
214033	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214034	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214035	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214036	CS8494	2	2	3	3	3	3	29/01/2021	IT	5

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214040	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214041	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214042	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214045	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214046	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214047	CS8494	2	3	2	3	2	3	29/01/2021	IT	5
214048	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214049	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214050	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
214051	CS8494	2	2	2	2	2	2	29/01/2021	IT	5
214054	CS8494	2	2	2	2	2	3	29/01/2021	IT	5
214055	CS8494	3	3	3	3	3	3	29/01/2021	IT	5
Attained Level		2.59	2.54	2.62	2.62	2.56	2.62			
%		86.33	84.67	87.33	87.33	85.33	87.33			

Ms.M.Padmapriya

AP/IT

HOD/IT

H.O.D. (IT)
Saranathan College of Engg.,
Trichirapalli - 620 012.

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SARANATHAN COLLEGE OF ENGINEERING Tiruchirapalli - 620012			Program	IT
			Academic Year	
			2020 – 2021 / ODD	
Course End Survey Consolidated Report				
Course Code & Title	:	CS8391	Data Structures	
NBA Code	:	C203	Year / Semester	II/ III
No of Students	:	61	Faculty Name	Ms.A.Sheelavathi

Cos	CO Description	Attained Level	%
C203.1	Explain ADT, linked list implementations, operations and its applications	2.69	89.67
C203.2	Apply Stack and Queue ADT operations to problem solutions	2.75	91.67
C203.3	Apply different types of tree data structure(Binary, AVL, B,B+) and traversals to solve various problems	2.63	87.67
C203.4	Implement graph data structures and its traversals	2.72	90.67
C203.5	Discuss the topological sort, graph connectivity and applications of graphs	2.75	91.67
C203.6	Implement Sorting and Searching algorithms, Hash Function and Open addressing	2.78	92.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 32

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
224001	CS8391	2	2	2	2	2	2	29/01/2021	IT	3
224002	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224003	CS8391	2	2	2	2	2	2	29/01/2021	IT	3
224004	CS8391	3	2	2	3	3	3	29/01/2021	IT	3

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224005	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224006	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224007	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224008	CS8391	2	2	2	2	3	3	29/01/2021	IT	3
224009	CS8391	2	2	2	2	2	2	29/01/2021	IT	3
224010	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224011	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224012	CS8391	2	3	2	3	2	3	29/01/2021	IT	3
224014	CS8391	2	2	2	3	3	3	29/01/2021	IT	3
224015	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224016	CS8391	2	2	2	2	3	2	29/01/2021	IT	3
224017	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224019	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224020	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224022	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224024	CS8391	2	3	2	2	2	3	29/01/2021	IT	3
224025	CS8391	3	3	2	2	2	2	29/01/2021	IT	3
224026	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224027	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224028	CS8391	2	2	2	2	2	2	29/01/2021	IT	3
224029	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224030	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224031	CS8391	3	3	2	2	2	2	29/01/2021	IT	3

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224032	CS8391	2	3	3	3	3	3	29/01/2021	IT	3
224033	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224040	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224060	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
224062	CS8391	3	3	3	3	3	3	29/01/2021	IT	3
Attained Level		2.69	2.75	2.63	2.72	2.75	2.78			
%		89.67	91.67	87.67	90.67	91.67	92.67			

Ms.A.Sheelavathi

AP/IT

HOD/IT

H.O.D. (IT)
Sahanathan College of Engg.,
Trichirapalli - 620 012.

SAHANATHAN COLLEGE OF ENGINEERING
TRICHY
620 012.

Principal

PRINCIPAL
Sahanathan College of Engineering
TRICHY - 12

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Saranathan College of Engineering

Tiruchirappalli-12

FeedBack Report : IT Month&Year: NOV-2020

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come	(2) Subject Knowledge and Clarity	(3) Impartiality and	(4) Interaction with	(5) Valuable/Ex tra	(6) Enthusiasm for Subject	(7) Showing Concern and Care for	(8) Punctuality in	(9) Whether Syllabus for IA Tests/	(10) Ability to Speak Loudly and	Total Out of
	Weigtage				15	15	8	12	12	12	4	6	8	8	100
1	manojkumar-i	ICE-A/3	40	CS8392/Object Oriented Programming	12	12.1	6.2	9.55	9.12	9.3	3.8	5.5	6.52	6.37	80.46
2	jspriya-it	ECE-A/5	53	EC8552/Computer Architecture And Organization	12.24	12.06	6.63	9.75	9.65	9.8	3.33	4.9	6.56	6.33	81.25
3	sheelavathi-it	ECE-B/5	53	EC8552/Computer Architecture And Organization	13.1	12.92	6.92	10.19	9.8	10.29	3.4	5.09	6.5	6.92	85.13
4	sheelavathi-it	IT-A/3	58	CS8391/Data Structures	12.42	12.12	6.34	9.9	8.97	9.43	3.5	4.01	6.18	6.79	79.66
5	manojkumar-i	IT-A/3	58	CS8392/Object Oriented Programming	12.98	13.16	6.86	10.04	9.45	9.99	3.44	5.22	7.05	6.5	84.69
6	padmapriya-it	IT-A/5	58	CS8494/Software Engineering	12.28	11	6.31	9.13	9.16	9.6	3.13	4.8	6.62	6.19	78.22
7	sumathi-it	IT-A/5	58	CS8591/Computer Networks	11.76	11.82	7.2	9	9.53	9.55	3.17	4.73	6.33	6.33	79.42
8	rengaraj-it	IT-A/5	58	IT8501/Web Technology	12	11	6.3	9.55	9.55	9.4	3.18	4.63	6.3	6.43	78.34
9	anand-it	IT-A/5	58	OCE552/Geographic Information System	11.2	11.6	7.13	9.24	8.04	9.29	3.55	4.58	6.18	6.4	77.21
10	jspriya-it	IT-A/7	54	CS6701/Cryptograph y And Network Security	12.42	12.12	8.34	9.19	9	9.43	3.25	4.81	6.18	6.79	81.53
11	rengaraj-it	IT-A/7	54	CS6703/Grid And Cloud Computing	12.5	11.6	7.3	10.15	9.55	9.66	3.18	4.03	6.36	6.43	80.76
12	padmapriya-it	IT-A/7	54	CS8073/C# and .Net Programming	13.32	13.01	7.07	10.09	10.01	10.12	3.4	5.22	6.99	7.19	86.42

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13	bhavani-it	IT-A/7	54	IT6702/Software Project Managemt	12.1	11.94	7.3	9.55	10	9.88	3.8	4	6.3	6.43	81.3
14	senthilbalaji-it	IT-A/7	54	OBM752/Hospital Management	11.01	10.79	7.74	8.11	8.46	7.01	3.6	4.88	7.51	6.85	75.96

H.O.D. (IT)
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Trichirappalli - 620 012.

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Saranathan College of Engineering

Tiruchirappalli-12

FeedBack Report : FEB-2021

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come	(2) Subject Knowledge and Clarity	(3) Impartiality and	(4) Interaction with	(5) Valuable/Ex tra	(6) Enthusiasm for Subject	(7) Showing Concern and Care for	(8) Punctuality in	(9) Whether Syllabus for IA Tests/	(10) Ability to Speak Loudly and	Total Out of
	Weigtage				**15**	**15**	**8**	**12**	**12**	**12**	**4**	**6**	**8**	**8**	**100**
15	bhavani-it	SEM-1-B/1	51	GE8151/Problem Solving And Python Programming	13.05	12.7	6.92	10.38	9.99	10.38	3.52	5.36	7.18	7	86.48
16	anand-it	SEM-1-D/1	53	GE8151/Problem Solving And Python Programming	13.98	12.66	7.01	10.98	10.03	11.03	3.66	5.46	7.29	7.32	89.42
17	senthilbalaji-it	SEM-1-F/1	53	GE8151/Problem Solving And Python Programming	12.42	12.6	6.34	9.36	9.02	9.74	3.1	4.7	6.43	6.43	80.14

10/2/2021

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SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty Feedback Report (NOV 2020) based Counselling Report

24.11.2020

IV year: Feedbacks of all the staff members who are handling seventh semester subjects are satisfactory and with score above 75%. They are encouraged to give their best to the students. Ms. M. Padmapriya is consistently receiving good feedback and she is appreciated for good score.

III year: Mr. P. Anand has improved his feedback score and he is appreciated for that. Feedbacks of all other staff members are satisfactory and they are appreciated for their effort.

II year: Ms. A. Sheelavathi and Mr. V. Manoj Kumar who are handling third semester subjects. Both of them received good feedback. They are motivated to give programming exercises to the students.

Ms. J. Sangeethapriya, Ms. A. Sheelavathi and Mr. V. Manoj Kumar are handling subjects for allied departments. They are consistently receiving good feedback with the score above 80%. They are appreciated for their efforts. All the staff members are encouraged to give their best to the students to improve their skills.

HoD/IT

H.O.D. (IT)
Saranathan College of Engg.,
Trichirapalli - 620 012.

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SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty Feedback Report (FEB 2021) based Counselling Report

01.03.2021

I year: Feedback of Ms. N. Bhavani, Mr. V. Senthil Balaji and Mr. P. Anand who are handling the subjects for first semester are good with score above 80%. They are appreciated for their efforts and motivated to give more exercises to the students.

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Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : IT Month&Year: JUNE 2021

S.no	staffcode	branch /Sem	No. particl pated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
1	sheelavathi-it	ICE-A/6	41	CS8391/Data Structures	12.59	12.66	6.48	9.66	8.72	9.83	3.16	4.95	6.71	6.56	81.31
2	manojkumar-it	IT-A/2	43	CS8251/Programming In C	12.63	12.21	6.29	9.60	9.32	9.66	3.14	4.49	6.51	6.47	80.33
3	senthilbalaji-it	IT-A/2	42	IT8201/Information Technology Essentials	13.64	13.79	7.24	10.86	10.97	10.74	3.50	4.91	7.01	7.24	89.90
4	bhavani-it	IT-A/4	26	CS8451/Design And Analysis Of Algorithms	12.92	12.46	6.58	9.69	9.51	9.97	3.26	4.98	6.71	6.65	82.74
5	jspriya-it	IT-A/4	28	CS8491/Computer Architecture	12.86	12.86	6.46	9.86	9.86	10.03	3.37	4.93	6.69	6.69	83.59
6	rengaraj-it	IT-A/4	25	CS8492/Database Management Systems	12.36	12.12	6.59	9.50	9.31	9.79	3.23	5.04	6.66	6.66	81.26
7	padmapriya-it	IT-A/4	25	CS8493/Operating Systems	13.32	13.08	6.72	10.56	10.08	10.08	3.42	5.14	6.91	6.98	86.29
8	anand-it	IT-A/6	57	CS8091/Big Data Analytics	11.05	10.68	5.92	8.55	8.51	8.38	2.85	4.57	6.01	6.34	72.86
9	jspriya-it	IT-A/6	57	CS8092/Computer Graphics And Multimedia	12.16	12.32	6.26	9.77	9.52	9.60	3.19	4.84	6.43	6.60	80.67
10	senthilbalaji-it	IT-A/6	57	CS8592/Object Oriented Analysis And Design	11.84	11.53	5.95	9.01	8.88	9.22	3.03	4.72	6.23	6.32	76.73
11	padmapriya-it	IT-A/6	57	IT8076/Software Testing	12.37	12.32	6.54	9.81	9.68	9.81	3.26	4.95	6.46	6.62	81.81

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12	punitha-cse	IT-A/6	57	IT8601/Computational Intelligence	11.37	11.26	6.12	9.14	9.14	9.18	3.09	4.51	6.04	6.15	75.98
13	manojkumar-it	IT-A/6	56	IT8602/Mobile Communication	11.95	11.89	5.94	9.04	8.74	9.34	3.00	4.59	6.34	6.14	76.98

20/5/2021

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Saranathan College of Engg.,
Trichirapalli - 620 012.

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SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty Feedback Report (MAY/JUNE 2021) based Counselling Report

20.5.2021

III year: Feedbacks for all the staff members are satisfactory. Ms. J. Sangeethapriya, Ms. M. Padmapriya scored above 80% and they are appreciated for their effort. Mr. V. Senthil Balaji feedback is improved and he is appreciated for his effort. Mr. P. Anand feedback score is 72.86%. He is motivated and advised to make the class lively with interesting real-time examples.

II year: In fourth semester, feedback score of all the four staff members, Ms. N. Bhavani, Ms. J. Sangeethapriya, Mr. R. Rengaraj and Ms.M.Padmapriya are good and they scored above 80%.

I year: Mr. V. Senthil Balaji and Mr. V. Manoj Kumar received good feedback. Mr. V. Senthil Balaji is appreciated for receiving 89.9% feedback score.

Feedback of Ms. A. Sheelavathi who is handling Data Structures for ICE department ia also good and she is motivated to continue her effort. All the staff members are appreciated for their effort in improving the students' skill.

HoD/IT 29/5/2021

H.O.D. (IT)
Saranathan College of Engg.
Trichirapalli - 620 012.

Principal

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SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for ODD semester(2020-21 ODD) - UG

JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	WED				01	SAT	Holiday			01	TUE	Holiday	IV	14	01	THU		IV	37	01	SUN	Holiday			01	TUE	
02	THU				02	SUN	Holiday			02	WED		V	15	02	FRI	Gandhi Jayanthi			02	MON	IA test -3	I	59	02	WED	
03	FRI				03	MON				03	THU		I	16	03	SAT	Holiday			03	TUE	IA test -3	II	60	03	THU	
04	SAT	Holiday			04	TUE				04	FRI		II	17	04	SUN	Holiday			04	WED	IA test -3	III	61	04	FRI	Holiday
05	SUN	Holiday			05	WED				05	SAT	Teachers day			05	MON	IA test - 2	V	38	05	THU		V	62	05	SAT	Holiday
06	MON				06	THU				06	SUN	Holiday			06	TUE	IA test - 2	I	39	06	FRI		I	63	06	SUN	Holiday
07	TUE				07	FRI				07	MON		III	18	07	WED	IA test - 2	II	40	07	SAT	Holiday			07	MON	
08	WED				08	SAT	Holidny			08	TUE		IV	19	08	THU		III	41	08	SUN	Holiday			08	TUE	
09	THU				09	SUN	Holiday			09	WED		V	20	09	FRI		IV	42	09	MON		II	64	09	WED	
10	FRI				10	MON				10	THU		I	21	10	SAT		V	43	10	TUE	revison	III	65	10	THU	
11	SAT	Holiday			11	TUE	Holiday			11	FRI	IA test - 1	I	22	11	SUN	Holiday			11	WED	revison	IV	66	11	FRI	
12	SUN	Holiday			12	WED	Janmashtami / International youth day			12	SAT	IA test - 1	II	23	12	MON		I	44	12	THU	Syllabus Completion	V	67	12	SAT	Holiday
13	MON				13	THU	online class commences	I	1	13	SUN	Holiday			13	TUE		II	45	13	FRI				13	SUN	Holiday
14	TUE				14	FRI		II	2	14	MON	IA test - 1		24	14	WED		III	46	14	SAT	Holiday			14	MON	
15	WED				15	SAT	& Independence			15	TUE	Engineers day	II	25	15	THU		IV	47	15	SUN	Holiday			15	TUE	
16	THU				16	SUN	Holiday			16	WED		III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	FRI				17	MON		III	3	17	THU		IV	27	17	SAT	Holiday			17	TUE				17	THU	University Practical Exam(online)
18	SAT	Holiday			18	TUE		IV	4	18	FRI		V	28	18	SUN	Holiday			18	WED				18	FRI	
19	SUN	Holiday			19	WED		V	5	19	SAT	Holiday			19	MON		I	49	19	THU				19	SAT	Holiday
20	MON				20	THU		I	6	20	SUN	Holiday			20	TUE		II	50	20	FRI				20	SUN	Holiday
21	TUE				21	FRI		II	7	21	MON		I	29	21	WED		III	51	21	SAT	Holiday			21	MON	
22	WED				22	SAT	Ganesh Chaturthi			22	TUE		II	30	22	THU		IV	52	22	SUN	Holiday			22	TUE	
23	THU				23	SUN	Holiday			23	WED		III	31	23	FRI		V	53	23	MON	Students Feedback			23	WED	
24	FRI				24	MON		III	8	24	THU		IV	32	24	SAT	Holiday			24	TUE				24	THU	
25	SAT	Holiday			25	TUE		IV	9	25	FRI	Students' Feedback	V	33	25	SUN	Ayudha poojai			25	WED				25	FRI	
26	SUN	Holiday			26	WED		V	10	26	SAT	Holiday			26	MON	Vijayadhasami			26	THU				26	SAT	Holiday
27	MON				27	THU		I	11	27	SUN	Holiday			27	TUE		I	54	27	FRI				27	SUN	Holiday
28	TUE				28	FRI		II	12	28	MON		I	34	28	WED		II	55	28	SAT	Holiday			28	MON	
29	WED				29	SAT	Holiday			29	TUE		II	35	29	THU		III	56	29	SUN	Holiday			29	TUE	
30	THU				30	SUN	Holiday			30	WED		III	36	30	FRI		IV	57	30	MON				30	WED	
31	FRI	Bakrid			31	MON		III	13						31	SAT		V	58						31	THU	
No. of Working days									13					23					22					9			

Total No. of working days for the semester : 67

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - Third Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	51
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	52
05	FRI				05	FRI		V	10	05	MON	Offline Classes	i	30	05	WED		I	53
06	SAT				06	SAT	Holiday			06	TUE	Offline Classes	ii	31	06	THU		II	54
07	SUN				07	SUN	Holiday			07	WED	Offline Classes	iii	32	07	FRI		III	55
08	MON				08	MON		I	11	08	THU	Offline Classes	iv	33	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI	Offline Classes	v	34	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Offline Classes	i	35	10	MON		IV	56
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	57
12	FRI				12	FRI		V	15	12	MON	Offline Classes	ii	36	12	WED		I	58
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year, Offline Classes	iii	37	13	THU	STUDENT FEEDBACK -2	II	59
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON		I	16	15	THU	Offline Classes	iv	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE		II	17	16	FRI	Offline Classes	v	39	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT	Offline Classes	i	40	17	MON	IA Test 3	III	60
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	61
19	FRI				19	FRI		V	20	19	MON		IV	41	19	WED	IA Test 3	V	62
20	SAT				20	SAT	Holiday			20	TUE		V	42	20	THU	IA Test 3	I	63
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	43	21	FRI	IA Test 3	II	64
22	MON	VI Sem class commences	I	1	22	MON		I	21	22	THU	IA Test 2	II	44	22	SAT			
23	TUE		II	2	23	TUE		II	22	23	FRI	IA Test 2	III	45	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI		V	25	26	MON	IA Test 2	IV	46	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	47	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED		I	48	28	FRI			
					29	MON	IA Test 1	I	26	29	THU		II	49	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI		III	50	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				22	50				14	64

Total No.of working days for the semester : 64

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - Second Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	30	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	50
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	51
05	FRI				05	FRI		V	10	05	MON	STUDENT FEEDBACK 1	V	31	05	WED		I	52
06	SAT				06	SAT	Holiday			06	TUE		I	32	06	THU		II	53
07	SUN				07	SUN	Holiday			07	WED		II	33	07	FRI		III	54
08	MON				08	MON		I	11	08	THU		III	34	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI		IV	35	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	55
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	56
12	FRI				12	FRI		V	15	12	MON		V	36	12	WED		I	57
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year	I	37	13	THU	TUDENT FEEDBACK	II	58
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON	Offline Classes	i	16	15	THU		II	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE	Offline Classes	ii	17	16	FRI		III	39	16	SUN	Holiday		
17	WED				17	WED	Offline Classes	iii	18	17	SAT	Holiday			17	MON	IA Test 3	III	59
18	THU				18	THU	Offline Classes	iv	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	60
19	FRI				19	FRI	Offline Classes	v	20	19	MON		IV	40	19	WED	IA Test 3	V	61
20	SAT				20	SAT	Offline Classes	i	21	20	TUE		V	41	20	THU	IA Test 3	I	62
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	42	21	FRI	IA Test 3	II	63
22	MON	IV Sem class commences	I	I	22	MON	Offline Classes	ii	22	22	THU	IA Test 2	II	43	22	SAT			
23	TUE		II	2	23	TUE	Offline Classes	iii	23	23	FRI	IA Test 2	III	44	23	SUN	Holiday		
24	WED		III	3	24	WED	Offline Classes	iv	24	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	Offline Classes	v	25	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	Offline Classes	i	26	26	MON	IA Test 2	IV	45	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	46	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED		I	47	28	FRI			
					29	MON	IA Test I	I	27	29	THU		II	48	29	SAT			
					30	TUE	IA Test I	II	28	30	FRI		III	49	30	SUN			
					31	WED	IA Test I	III	29						31	MON			
		No. of Working days	5	5				24	29				20	49				14	63
																	Total No.of working days for the semester :		63

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for Even semester(2020-21) - Final Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days
01	MON				01	MON	IA Test 1	I	34	01	THU	STUDENT FEEDBACK -2	IV	57	01	SAT			
02	TUE				02	TUE	IA Test 1	II	35	02	FRI	Good Friday			02	SUN			
03	WED	Founder's day			03	WED		III	36	03	SAT	Holiday			03	MON			
04	THU				04	THU		IV	37	04	SUN	Holiday			04	TUE			
05	FRI				05	FRI		V	38	05	MON	IA Test 3	V	58	05	WED			
06	SAT				06	SAT	Holiday			06	TUE	IA Test 3	I	59	06	THU			
07	SUN				07	SUN	Holiday			07	WED		II	60	07	FRI			
08	MON				08	MON	STUDENT FEEDBACK -1	I	39	08	THU		III	61	08	SAT			
09	TUE				09	TUE		II	40	09	FRI		IV	62	09	SUN			
10	WED				10	WED		III	41	10	SAT	Holiday			10	MON			
11	THU				11	THU	Maha Shivaratri	IV	42	11	SUN	Holiday			11	TUE			
12	FRI				12	FRI		V	43	12	MON		V	63	12	WED			
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU			
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI			
15	MON				15	MON	IA Test 2	I	44	15	THU				15	SAT			
16	TUE				16	TUE	IA Test 2	II	45	16	FRI	Univ. Practical Exam			16	SUN			
17	WED				17	WED		III	46	17	SAT	Holiday			17	MON			
18	THU				18	THU		IV	47	18	SUN	Holiday			18	TUE			
19	FRI				19	FRI		V	48	19	MON				19	WED			
20	SAT				20	SAT	Holiday			20	TUE				20	THU			
21	SUN	Holiday			21	SUN	Holiday			21	WED				21	FRI			
22	MON	IV Sem class commences	I	29	22	MON		I	49	22	THU				22	SAT			
23	TUE		II	30	23	TUE		II	50	23	FRI				23	SUN			
24	WED		III	31	24	WED		III	51	24	SAT				24	MON			
25	THU		IV	32	25	THU		IV	52	25	SUN				25	TUE			
26	FRI		V	33	26	FRI		V	53	26	MON				26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE				27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED				28	FRI			
					29	MON		I	54	29	THU				29	SAT			
					30	TUE		II	55	30	FRI				30	SUN			
					31	WED		III	56						31	MON			
No. of Working days			5	33				23	56				7	63					

Total No.of working days for the semester : 63

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for ODD semester(2020-21 ODD) - UG

JULY'20	DAY	DETAILS	DAY order	working days	AUG'20	DAY	DETAILS	DAY order	working days	SEP'20	DAY	DETAILS	DAY order	working days	OCT'20	DAY	DETAILS	DAY order	working days	NOV'20	DAY	DETAILS	DAY order	working days	Dec '20	DAY	DETAILS
01	WED				01	SAT	Holiday			01	TUE	Holiday	IV	14	01	THU		IV	37	01	SUN	Holiday			01	TUE	
02	THU				02	SUN	Holiday			02	WED		V	15	02	FRI	Gandhi Jayanthi			02	MON	IA test -3	I	59	02	WED	
03	FRI				03	MON				03	THU		I	16	03	SAT	Holiday			03	TUE	IA test -3	II	60	03	THU	
04	SAT	Holiday			04	TUE				04	FRI		II	17	04	SUN	Holiday			04	WED	IA test -3	III	61	04	FRI	
05	SUN	Holiday			05	WED				05	SAT	Teachers day			05	MON	IA test - 2	V	38	05	THU		V	62	05	SAT	Holiday
06	MON				06	THU				06	SUN	Holiday			06	TUE	IA test - 2	I	39	06	FRI		I	63	06	SUN	Holiday
07	TUE				07	FRI				07	MON	CCM- II YEAR	III	18	07	WED	IA test - 2	II	40	07	SAT	Holiday			07	MON	
08	WED				08	SAT	Holiday			08	TUE	CCM- III YEAR	IV	19	08	THU	CCM- II YEAR	III	41	08	SUN	Holiday			08	TUE	
09	THU				09	SUN	Holiday			09	WED	CCM- IV YEAR	V	20	09	FRI	CCM- III YEAR	IV	42	09	MON		II	64	09	WED	
10	FRI				10	MON				10	THU		I	21	10	SAT	CCM- IV YEAR	V	43	10	TUE	revison	III	65	10	THU	
11	SAT	Holiday			11	TUE	Holiday			11	FRI	IA test - 1	I	22	11	SUN	Holiday			11	WED	revison	IV	66	11	FRI	
12	SUN	Holiday			12	WED	Janmashtami / International youth day			12	SAT	IA test - 1	II	23	12	MON		I	44	12	THU	Syllabus Completion	V	67	12	SAT	Holiday
13	MON				13	THU	online class commences	I	1	13	SUN	Holiday			13	TUE		II	45	13	FRI				13	SUN	Holiday
14	TUE				14	FRI		II	2	14	MON	IA test - 1		24	14	WED		III	46	14	SAT	Holiday			14	MON	
15	WED				15	SAT	& Independence			15	TUE	Engineers day	II	25	15	THU		IV	47	15	SUN	Holiday			15	TUE	
16	THU				16	SUN	Holiday			16	WED	Guest Lecture	III	26	16	FRI		V	48	16	MON				16	WED	University Practical
17	FRI				17	MON		III	3	17	THU		IV	27	17	SAT	Holiday			17	TUE				17	THU	University Practical Exam(online)
18	SAT	Holiday			18	TUE		IV	4	18	FRI		V	28	18	SUN	Holiday			18	WED				18	FRI	
19	SUN	Holiday			19	WED		V	5	19	SAT	Holiday			19	MON		I	49	19	THU				19	SAT	Holiday
20	MON				20	THU		I	6	20	SUN	Holiday			20	TUE		II	50	20	FRI				20	SUN	Holiday
21	TUE				21	FRI		II	7	21	MON		I	29	21	WED	Guest Lecture	III	51	21	SAT	Holiday			21	MON	
22	WED				22	SAT	Ganesh Chaturthi			22	TUE		II	30	22	THU		IV	52	22	SUN	Holiday			22	TUE	
23	THU				23	SUN	Holiday			23	WED		III	31	23	FRI		V	53	23	MON	Students Feedback			23	WED	
24	FRI				24	MON		III	8	24	THU		IV	32	24	SAT	Holiday			24	TUE				24	THU	
25	SAT	Holiday			25	TUE		IV	9	25	FRI	Students' Feedback	V	33	25	SUN	Ayudha poojai			25	WED				25	FRI	
26	SUN	Holiday			26	WED		V	10	26	SAT	Holiday			26	MON	Vijayadhasami			26	THU				26	SAT	Holiday
27	MON				27	THU		I	11	27	SUN	Holiday			27	TUE		I	54	27	FRI				27	SUN	Holiday
28	TUE				28	FRI		II	12	28	MON		I	34	28	WED	CCM- II YEAR	II	55	28	SAT	Holiday			28	MON	
29	WED				29	SAT	Holiday			29	TUE		II	35	29	THU	CCM- III YEAR	III	56	29	SUN	Holiday			29	TUE	
30	THU				30	SUN	Holiday			30	WED		III	36	30	FRI	CCM- IV YEAR	IV	57	30	MON				30	WED	
31	FRI	Bakrid			31	MON		III	13						31	SAT		V	58						31	THU	
No. of Working days									13					23					22					9			

Total No. of working days for the semester : 67

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Mechanical Deaprtment Academic Planner for Even semester(2020-21) - Second Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	30	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	50
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	51
05	FRI				05	FRI		V	10	05	MON	STUDENT FEEDBACK 1	V	31	05	WED		I	52
06	SAT				06	SAT	Holiday			06	TUE	CCM	I	32	06	THU		II	53
07	SUN				07	SUN	Holiday			07	WED		II	33	07	FRI		III	54
08	MON				08	MON		I	11	08	THU		III	34	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI		IV	35	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Holiday			10	MON		IV	55
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	56
12	FRI				12	FRI		V	15	12	MON		V	36	12	WED	CCM	I	57
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year	I	37	13	THU	TUDENT FEEDBACK	II	58
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON	Offline Classes	i	16	15	THU	Guest lecture	II	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE	Offline Classes	ii	17	16	FRI		III	39	16	SUN	Holiday		
17	WED				17	WED	Offline Classes	iii	18	17	SAT	Holiday			17	MON	IA Test 3	III	59
18	THU				18	THU	Offline Classes	iv	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	60
19	FRI				19	FRI	Offline Classes	v	20	19	MON		IV	40	19	WED	IA Test 3	V	61
20	SAT				20	SAT	Offline Classes	i	21	20	TUE		V	41	20	THU	IA Test 3	I	62
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	42	21	FRI	IA Test 3	II	63
22	MON	IV Sem class commences	I	1	22	MON	Offline Classes	ii	22	22	THU	IA Test 2	II	43	22	SAT			
23	TUE		II	2	23	TUE	Offline Classes	iii	23	23	FRI	IA Test 2	III	44	23	SUN	Holiday		
24	WED		III	3	24	WED	Offline Classes	iv	24	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	Offline Classes	v	25	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	Offline Classes	I	26	26	MON	IA Test 2	IV	45	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	46	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED	CCM	I	47	28	FRI			
					29	MON	IA Test 1	I	27	29	THU		II	48	29	SAT			
					30	TUE	IA Test 1	II	28	30	FRI		III	49	30	SUN			
					31	WED	IA Test 1	III	29						31	MON			
		No. of Working days	5	5				24	29				20	49				14	63

Total No.of working days for the semester : 63

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Mechanical Deaprtment Academic Planner for Even semester(2020-21) - Third Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY 21	DAY	DETAILS	Day order	working days
01	MON				01	MON		I	6	01	THU	IA Test 1	IV	29	01	SAT	Holiday		
02	TUE				02	TUE		II	7	02	FRI	IA Test 1, Good Friday			02	SUN	Holiday		
03	WED	Founder's day			03	WED		III	8	03	SAT	IA Test 1, Holiday			03	MON		IV	51
04	THU				04	THU		IV	9	04	SUN	Holiday			04	TUE		V	52
05	FRI				05	FRI		V	10	05	MON	Offline Classes	i	30	05	WED		I	53
06	SAT				06	SAT	Holiday			06	TUE	Offline Classes	ii	31	06	THU		II	54
07	SUN				07	SUN	Holiday			07	WED	Offline Classes	iii	32	07	FRI		III	55
08	MON				08	MON		I	11	08	THU	Offline Classes	iv	33	08	SAT	Holiday		
09	TUE				09	TUE		II	12	09	FRI	Offline Classes	v	34	09	SUN	Holiday		
10	WED				10	WED		III	13	10	SAT	Offline Classes	i	35	10	MON		IV	56
11	THU				11	THU	Maha Shivaratri	IV	14	11	SUN	Holiday			11	TUE		V	57
12	FRI				12	FRI		V	15	12	MON	Offline Classes	ii	36	12	WED		I	58
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year, Offline Classes	iii	37	13	THU	STUDENT FEEDBACK -2	II	59
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI	Ramzan		
15	MON				15	MON		I	16	15	THU	Offline Classes	iv	38	15	SAT	IA Test 3, Holiday		
16	TUE				16	TUE		II	17	16	FRI	Offline Classes	v	39	16	SUN	Holiday		
17	WED				17	WED		III	18	17	SAT	Offline Classes	i	40	17	MON	IA Test 3	III	60
18	THU				18	THU		IV	19	18	SUN	Holiday			18	TUE	IA Test 3	IV	61
19	FRI				19	FRI		V	20	19	MON		IV	41	19	WED	IA Test 3	V	62
20	SAT				20	SAT	Holiday			20	TUE	CCM	V	42	20	THU	IA Test 3	I	63
21	SUN	Holiday			21	SUN	Holiday			21	WED	Sri Rama Navami, IA Test 2	I	43	21	FRI	IA Test 3	II	64
22	MON	VI Sem class commences	I	I	22	MON		I	21	22	THU	IA Test 2	II	44	22	SAT	CCM		
23	TUE		II	2	23	TUE	Guest lecture	II	22	23	FRI	IA Test 2	III	45	23	SUN	Holiday		
24	WED		III	3	24	WED		III	23	24	SAT	IA Test 2, Holiday			24	MON	Univ. Practical Exam		
25	THU		IV	4	25	THU	STUDENT FEEDBACK -1	IV	24	25	SUN	Holiday			25	TUE			
26	FRI		V	5	26	FRI	CCM	V	25	26	MON	IA Test 2	IV	46	26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE	IA Test 2	V	47	27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED		I	48	28	FRI			
					29	MON	IA Test 1	I	26	29	THU		II	49	29	SAT			
					30	TUE	IA Test 1	II	27	30	FRI		III	50	30	SUN			
					31	WED	IA Test 1	III	28						31	MON			
No. of Working days			5	5				23	28				22	50				14	64

Total No.of working days for the semester : 64

Principal

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Mechanical Deaprtment Academic Planner for Even semester(2020-21) - Final Year B.E/BTech

FEB'21	DAY	DETAILS	Day order	working days	MAR'21	DAY	DETAILS	Day order	working days	APR'21	DAY	DETAILS	Day order	working days	MAY'21	DAY	DETAILS	Day order	working days
01	MON				01	MON	IA Test 1	I	34	01	THU	STUDENT FEEDBACK -2	IV	57	01	SAT			
02	TUE				02	TUE	IA Test 1	II	35	02	FRI	Good Friday			02	SUN			
03	WED	Founder's day			03	WED		III	36	03	SAT	Holiday			03	MON			
04	THU				04	THU		IV	37	04	SUN	Holiday			04	TUE			
05	FRI				05	FRI		V	38	05	MON	IA Test 3	V	58	05	WED			
06	SAT				06	SAT	Holiday			06	TUE	IA Test 3	I	59	06	THU			
07	SUN				07	SUN	Holiday			07	WED		II	60	07	FRI			
08	MON				08	MON	STUDENT FEEDBACK -1	I	39	08	THU		III	61	08	SAT			
09	TUE				09	TUE		II	40	09	FRI		IV	62	09	SUN			
10	WED				10	WED		III	41	10	SAT	Holiday			10	MON			
11	THU				11	THU	Maha Shivaratri	IV	42	11	SUN	Holiday			11	TUE			
12	FRI				12	FRI	CCM	V	43	12	MON		V	63	12	WED			
13	SAT				13	SAT	Holiday			13	TUE	Telugu New Year			13	THU			
14	SUN				14	SUN	Holiday			14	WED	Tamil New Year			14	FRI			
15	MON				15	MON	IA Test 2	I	44	15	THU				15	SAT			
16	TUE				16	TUE	IA Test 2	II	45	16	FRI	Univ. Practical Exam			16	SUN			
17	WED				17	WED		III	46	17	SAT	Holiday			17	MON			
18	THU				18	THU		IV	47	18	SUN	Holiday			18	TUE			
19	FRI				19	FRI		V	48	19	MON				19	WED			
20	SAT				20	SAT	Holiday			20	TUE				20	THU			
21	SUN	Holiday			21	SUN	Holiday			21	WED				21	FRI			
22	MON	IV Sem class commences	I	29	22	MON		I	49	22	THU				22	SAT			
23	TUE		II	30	23	TUE		II	50	23	FRI				23	SUN			
24	WED		III	31	24	WED		III	51	24	SAT				24	MON			
25	THU		IV	32	25	THU		IV	52	25	SUN				25	TUE			
26	FRI	CCM	V	33	26	FRI		V	53	26	MON				26	WED			
27	SAT	Holiday			27	SAT	Holiday			27	TUE				27	THU			
28	SUN	Holiday			28	SUN	Panguni Uthiram, Holy			28	WED				28	FRI			
					29	MON		I	54	29	THU				29	SAT			
					30	TUE		II	55	30	FRI				30	SUN			
					31	WED	CCM	III	56						31	MON			
No. of Working days			5	33				23	56				7	63					

Total No.of working days for the semester : 63

Principal

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Mechanical Engineering
WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2020 -21 (ODD)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr. G. Jayaprakash Prof.	Design of Machine Elements	ME8593	III/V	THEORY	5	10
		Robotics	ME8099	IV/VII	THEORY	5	
2	Dr. N.Baskar Prof.	Process Planning and Cost Estimation	ME8793	IV/VII	THEORY	5	17
		Manufacturing Technology -I	ME8351	II/III	THEORY	4	
		Manufacturing Technology Lab- I	ME8361	II/III	LAB	6	
		Technical Seminar	ME8712	IV/VII	LAB	2	
3	Dr. R.Rekha Asso.Prof	Dynamics of Machines	ME8594	III/V	THEORY	5	18
		Mechatronics	ME8791	IV/VII	THEORY	5	
		Mechatronics Laboratory	ME8781	IV/VII	LAB	6	
		Technical Seminar	ME8712	IV/VII	LAB	2	
4	Dr. M.R.Anantha Padmanaban Asso.Prof	Manufacturing Technology -I	ME8351	II/III	THEORY	4	22
		Lean Six Sigma	OMF751	IV/VII	THEORY	4	
		Manufacturing Technology Lab- I	ME8361	II/III	LAB	6	
		Computer Aided Machine Drawing	ME8381	II/III	LAB	6	
		Technical Seminar	ME8712	IV/VII	LAB	2	
5	Dr. M.Ganesan Asst.Prof	Fluid Mechanics and Machinery	CE8394	II/III	THEORY	6	25
		Process Planning and Cost Estimation	ME8793	IV/VII	THEORY	5	
		Computer Aided Machine Drawing	ME8381	II/III	LAB	6	
		Kinematics and Dynamics Lab	ME8511	III/V	LAB	8	
6	Dr. A. Mercy Vasan Asst. Prof.	Internal Combustion Engines	OAT552	III/V	THEORY	5	25
		Renewable Sources of Energy	ME8072	IV/VII	THEORY	4	
		Steam Generator Technology	EY5072	II/ III (MET)	THEORY	4	
		Thermal Engineering Lab	ME8512	III/V	LAB	8	
		Project work (Phase I)	TE5312	II/ III (MET)	LAB	4	
7	Dr.G.Mahesh Asst. Prof.	Metrology and Measurements	ME8501	III/V	THEORY	4	24
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Metrology and Measurements Lab	ME8513	III/V	LAB	8	
8	Mr.R.Suresh Babu Asst. Prof.	Design of Machine Elements	ME8593	III/V	THEORY	5	19
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Technical Seminar	ME8712	IV/VII	LAB	2	
9	Mr. S.Sathyanarayanan Asst. Prof.	Engineering Thermodynamics	ME8391	II/III	THEORY	5	19
		Advanced I.C. Engines	TE5002	I/I(MET)	THEORY	4	
		Engineering Thermodynamics	ME8391	II/III	TUTORIAL	2	
		Thermal Engineering Lab	ME8512	III/V	LAB	8	
10	Mr. S.Karthikeyan Asst. Prof.	Metrology and Measurements	ME8501	III/V	THEORY	4	26
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Metrology and Measurements Lab	ME8513	III/V	LAB	8	
		Metrology and Measurements Lab	ME8513	III/V	LAB	8	
11	Mr. R.Kumar Asst. Prof.	Mechatronics	ME8791	IV/VII	THEORY	5	21
		Advanced Fluid Mechanics	TE5102	I/I(MET)	THEORY	4	
		Mechatronics Laboratory	ME8781	IV/VII	LAB	6	
		Mechatronics Laboratory	ME8781	IV/VII	LAB	6	

S.NO	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
12	Mr. P.Jothi Palavesam Asst. Prof.	Robotics	ME8099	IV/VII	THEORY	5	23
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Manufacturing Technology Lab-I	ME8361	II/III	LAB	6	
		Mechatronics Laboratory	ME8781	IV/VII	LAB	6	
13	Mr. P.V.Rajesh Asst. Prof.	Lean Six Sigma	OME751	IV/VII	THEORY	4	24
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Manufacturing Technology Lab-I	ME8361	II/III	LAB	6	
		Metrology and Measurements Lab	ME8513	III/V	LAB	8	
14	Mr. A.Ranjithraj Asst. Prof.	Dynamics of Machines	ME8594	III/V	THEORY	5	23
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Simulation and Analysis Lab	ME8711	IV/VII	LAB	6	
		Computer Aided Machine Drawing	ME8401	II/III	LAB	6	
15	Mr.J.Sivasubramanian Asst. Prof.	Internal Combustion Engines	OAT552	III/V	THEORY	5	23
		Engineering Graphics	GE8251	I/I	THEORY	6	
		Computer Aided Machine Drawing	ME8401	II/III	LAB	6	
		Simulation and Analysis Lab	ME8711	IV/VII	LAB	6	
16	Ms.R.S. Shivaranjani Asst. Prof.	Thermal Engineering-II	ME8595	III/V	THEORY	5	23
		Renewable Sources of Energy	ME8072	IV/VII	THEORY	4	
		Design and Optimization of Thermal Energy Systems	TE5301	II/III (MET)	THEORY	4	
		Thermal Engineering Lab	ME8512	III/V	LAB	8	
17	Mr.S.Vinoth Kumar Asst. Prof.	Fluid Mechanics and Machinery	CE8394	II/III	THEORY	6	26
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Kinematics and Dynamics Lab	ME8511	III/V	LAB	8	
18	Mr.P.Vigneshwar Asst. Prof.	Thermal Engineering-II	ME8595	III/V	THEORY	5	23
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Advanced Power Plant Engineering	TE5074	II/III (MET)	THEORY	4	
		Kinematics and Dynamics Lab	ME8511	III/V	LAB	8	
19	Mr. S.Paramguru Asst. Prof.	Engineering Thermodynamics	ME8391	II/III	THEORY	5	23
		Engineering Thermodynamics	ME8391	II/III	TUTORIAL	2	
		Advanced Thermodynamics	TE5101	I/II(MET)	THEORY	4	
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Simulation and Analysis Lab	ME8711	IV/VII	LAB	6	
20	Mr. K.Amarnath Asst. Prof.	Power Plant Engineering	ME8792	IV/VII	THEORY	5	23
		Engineering Graphics	GE8152	I/I	THEORY	6	
		Energy Resources	EY5152	I/II(MET)	THEORY	4	
		Kinematics and Dynamics Lab	ME8511	III/V	LAB	8	
21	Mr. M.Sriram Prasanth Asst. Prof.	Power Plant Engineering	ME8792	IV/VII	THEORY	5	23
		Advanced Heat Transfer	TE5151	I/II(MET)	THEORY	4	
		Technical Seminar II	TE5311	II/III(MET)	LAB	2	
		Thermal Engineering Lab	ME8512	III/V	LAB	8	
		Thermal Engineering Lab	TE5111	I/II(MET)	LAB	4	
						TOTAL	460

Time table Cordinator

HOD/Mech

Principal

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Mechanical Engineering
WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2020 -21 (EVEN)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS
1	Dr. G. Jayaprakash Prof.	Strength of Materials for Mechanical Engineers	CE 8395	II/IV	THEORY	3
2	Dr. N.Baskar Prof.	Manufacturing Technology - II	ME 8451	II/IV	THEORY	3
		Finite Element Analysis	ME 8692	III/VI	THEORY	4
		Manufacturing Technology Lab- II	ME 8462	II/IV	LAB	
3	Dr. R.Rekha Asso.Prof	Design of Transmission Systems	ME8651	III/VI	THEORY	3
		Basic Civil and Mechanical Engineering	BE 8252	I/II	THEORY	
		Project work	ME 8811	IV/VIII	LAB	12
4	Dr. M.R.Anantha Padmanaban Asso.Prof	Professional Ethics in Engineering	GE8076	IV/VIII	THEORY	3
		Engineering Metallurgy	ME8491	II/IV	THEORY	3
		Manufacturing Technology Lab- II	ME 8462	II/IV	LAB	
5	Dr. M.Ganesan Asso.Prof	Strength of Materials for Mechanical Engineers	CE 8395	II/IV	THEORY	3
		Finite Element Analysis	ME 8692	III/VI	THEORY	4
		Project work	ME 8811	IV/VIII	LAB	12
6	Dr. A. Mercy Vasan Asso.Prof	Gas Dynamics and Jet Propulsion	ME8096	III/VI	THEORY	3
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	LAB	
		Project work (Phase II)	TE 7411	II/IV(MET)	LAB	12
7	Dr.G.Mahesh Asso.Prof	Kinematics of Machinery	ME 8492	II/IV	THEORY	3
		Basic Civil and Mechanical Engineering	BE 8252	I/II	THEORY	
8	Mr.R.Suresh babu Asst. Prof.	Design of Transmission Systems	ME8651	III/VI	THEORY	3
		Design and Fabrication Project	ME 8682	III/VI	LAB	
		Design and Fabrication Project	ME 8682	III/VI	LAB	
9	Mr.S.Sathyanarayanan Asst. Prof.	Thermal Engineering- I	ME8493	II/IV	THEORY	4
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	LAB	
10	Mr. S.Karthikeyan Asst. Prof.	Manufacturing Technology - II	ME 8451	II/IV	THEORY	3
		Design and Fabrication Project	ME 8682	III/VI	LAB	
		Design and Fabrication Project	ME 8682	III/VI	LAB	
11	Mr. R.Kumar Asst. Prof.	Engineering Metallurgy	ME8491	II/IV	THEORY	3
		Computer Aided Design and Manufacturing	ME8691	III/VI	THEORY	3
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	LAB	

12	Mr. P.Jothi Palavesam Asst. Prof.	Production Planning and Control	IE8693	IV/VIII	THEORY	4
		Manufacturing Technology Lab- II	ME 8462	II/IV	LAB	
13	Mr. P.V.Rajesh Asst. Prof.	Production Planning and Control	IE8693	IV/VIII	THEORY	4
		Engineering Practices Laboratory	GE8261	I/II	LAB	
		Manufacturing Technology Lab- II	ME 8462	II/IV	LAB	
14	Mr. A.Ranjithraj Asst. Prof.	Computer Aided Design and Manufacturing	ME8691	III/VI	THEORY	3
		Engineering Practices Laboratory	GE8261	I/II	LAB	
		CAD / CAM Laboratory	ME8681	III/VI	LAB	
15	Mr.J.Sivasubramanian Asst. Prof.	Hydraulics and Pneumatics	ME 8694	III/VI	THEORY	3
		CAD / CAM Laboratory	ME8681	III/VI	LAB	
		Engineering Practices Laboratory	GE8261	I/II	LAB	
16	Ms.R.S. Shivaranjani Asst. Prof.	Gas Dynamics and Jet Propulsion	ME 8096	III/VI	THEORY	3
		Engineering Practices Laboratory	GE8261	I/II	LAB	
		Project work	ME 8811	IV/VIII	LAB	12
17	Mr.S.Vinoth Kumar Asst. Prof.	Kinematics of Machinery	ME 8492	II/IV	THEORY	3
		Engineering Practices Laboratory	GE8261	I/II	LAB	
		Project work	ME 8811	IV/VIII	LAB	12
18	Mr.M.Sriram Prasanth Asst. Prof.	Heat and Mass Transfer	ME8693	III/VI	THEORY	4
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	LAB	
		Engineering Practices Laboratory	GE8261	I/II	LAB	
19	Mr.P.Vigneshwar Asst. Prof.	Engineering Mechanics	GE8292	I/II	THEORY	
		Hydraulics and Pneumatics	ME 8694	III/VI	THEORY	3
		Engineering Practices Laboratory	GE8261	I/II	LAB	
20	Mr. S.Paramguru Asst. Prof.	Thermal Engineering- I	ME8493	II/IV	THEORY	4
		CAD / CAM Laboratory	ME8681	III/VI	LAB	
		Engineering Practices Laboratory	GE8261	I/II	LAB	
21	Mr.K.Amarnath Asst. Prof.	Heat and Mass Transfer	ME8693	III/VI	THEORY	4
		CAD / CAM Laboratory	ME8681	III/VI	LAB	
		Engineering Practices Laboratory	GE8261	I/II	LAB	

Timetable Coordinator

HoD/MECH

Principal

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

COURSE FILE

ACADEMIC YEAR	2020- 2021
SEMESTER/YEAR	V / III
COURSE CODE	OAT 552
COURSE TITLE	Internal Combustion Engines
COURSE INSTRUCTOR	Mr.J.Sivasubramanian & Mr.P.Vigneshwar
DESIGNATION	Assistant Professors
DEPARTMENT	MECHANICAL

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, NBA Accredited, Affiliated to Anna University, Chennai)

DEPARTMENT OF MECHANICAL ENGINEERING

REVIEW OF COURSE FILE

S.No.	Details	Review				
		1	2	3	4	5
	Date:					
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy [1]	✓				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities[1]	✓				
3.	Syllabus signed by staff & HoD[1]	✓				
4.	Lecture Schedule signed by staff & HoD[1]	✓				
5.	Course Committee meeting circular and minutes[1]	✓				
6.	Identification of Curricular gap and Content Beyond the syllabus[1]	✓				
7.	Previous AU Question papers (at least 5)[1]	✓				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers[1]	✓				
9.	Unit wise course material [1]	✓				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry [234]	–	–	–	–	–
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry [234]					
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry[234]		✓	✓	✓	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. [234]					
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers[234]	–	–	–	–	–
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers[234]	–	–	–	–	–
16.	AU Web portal entry sheet[234]	–	–	–	–	–
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.[23]	–	–	–	–	–
18.	Absence for two tests-action taken-communication to parents-evidence. [23]	–	–	–	–	–
19.	Indiscipline of student reported, if any [234]	–	–	–	–	–
20.	Special class/coaching class/remedial class/attendance-CAP [234]	–	–	–	–	–
21.	Conduct of Seminar, Quizzes - proof[234]	–	–	–	–	–
22.	Content beyond the syllabus – proof [234]					
23.	Course end survey [4]	–	–	–	–	–
24.	Internal Assessment sheet [4]				✓	
25.	AU question paper with students feedback [5]	–	–	–	–	–
26.	Discrepancy of the question paper and correspondence, if any [5]	–	–	–	–	–
27.	AU result analysis-Details of arrear students. [5]	–	–	–	–	–
28.	AU grade sheet [5]					
29.	CO – PO & PSO attainment sheet [5]					
	Signature of Course handling faculty					
	Signature of HoD					

- To gain knowledge on the principles and procedure for the design of Mechanical power
- OBJECTIVES: To understand the standard procedure available for Design of Transmission of Mechanical
- Transmission components. elements To learn to use standard data and catalogues

COURSE DESCRIPTION:

UNIT I - DESIGN OF FLEXIBLE ELEMENTS

Design of Flat belts and pulleys - Selection of V belts and pulleys – Selection of hoisting wire ropes and pulleys – Design of Transmission chains and Sprockets.

UNIT II SPUR GEARS AND PARALLEL AXIS HELICAL GEARS

Speed ratios and number of teeth-Force analysis -Tooth stresses - Dynamic effects – Fatigue strength - Factor of safety - Gear materials – Design of straight tooth spur & helical gears based on strength and wear considerations – Pressure angle in the normal and transverse plane- Equivalent number of teeth-forces for helical gears.

UNIT III BEVEL, WORM AND CROSS HELICAL GEARS

Straight bevel gear: Tooth terminology, tooth forces and stresses, equivalent number of teeth. Estimating the dimensions of pair of straight bevel gears. Worm Gear: Merits and demerits terminology. Thermal capacity, materials-forces and stresses, efficiency, estimating the size of the worm gear pair. Cross helical: Terminology-helix angles-Estimating the size of the pair of cross helical gears.

UNIT IV GEAR BOXES

Geometric progression - Standard step ratio - Ray diagram, kinematics layout -Design of sliding mesh gear box - Design of multi speed gear box for machine tool applications - Constant mesh gear box - Speed reducer unit. – Variable speed gear box, Fluid Couplings, Torque Converters for automotive applications.

UNIT V CAMS, CLUTCHES AND BRAKES

Cam Design: Types-pressure angle and under cutting base circle determination-forces and surface stresses. Design of plate clutches –axial clutches-cone clutches-internal expanding rim clutches-Electromagnetic clutches. Band and Block brakes - external shoe brakes – Internal expanding shoe brake.

Note: (Usage of P.S.G Design Data Book is permitted in the University examination)

OUTCOMES:

• Upon completion of this course, the students can able to successfully design transmission components used in Engine and machines

TEXT BOOKS:

1. Bhandari V, "Design of Machine Elements", 3rd Edition, Tata McGraw-Hill Book Co, 2010.
2. Joseph Shigley, Charles Mischke, Richard Budynas and Keith Nisbett "Mechanical Engineering Design", 8th Edition, Tata McGraw-Hill, 2008.

REFERENCES:

1. Sundararajamoorthy T. V, Shanmugam .N, "Machine Design", Anuradha Publications, Chennai, 2003.
2. Gitin Maitra, L. Prasad "Hand book of Mechanical Design", 2nd Edition, Tata McGraw-Hill, 2001.
3. Prabhu. T.J., "Design of Transmission Elements", Mani Offset, Chennai, 2000.
4. C.S.Sharma, Kamlesh Purohit, "Design of Machine Elements", Prentice Hall of India, Pvt. Ltd., 2003.
5. Bernard Hamrock, Steven Schmid, Bo Jacobson, "Fundamentals of Machine Elements", 2nd Edition, Tata McGraw-Hill Book Co., 2006.
6. Robert C. Juvinall and Kurt M. Marshek, "Fundamentals of Machine Design", 4 th Edition, Wiley, 2005
7. Alfred Hall, Halowenko, A and Laughlin, H., "Machine Design", Tata McGraw-Hill BookCo.(Schaum's Outline), 2010
8. Orthwein W, "Machine Component Design", Jaico Publishing Co, 2003.
9. Ansel Ugural, "Mechanical Design – An Integral Approach", 1st Edition, Tata McGraw-Hill Book Co, 2003.
10. Merhyle F. Spotts, Terry E. Shoup and Lee E. Hornberger, "Design of Machine Elements" 8 th Edition, Printice Hall, 2003.
11. U.C.Jindal : Machine Design, "Design of Transmission System", Dorling Kindersley, 2010

- To gain knowledge on the principles and procedure for the design of Mechanical power
- OBJECTIVES: To understand the standard procedure available for Design of Transmission of Mechanical
- Transmission components. elements To learn to use standard data and catalogues

COURSE DESCRIPTION:

UNIT I - DESIGN OF FLEXIBLE ELEMENTS

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Speed ratios and number of teeth-Force analysis -Tooth stresses - Dynamic effects – Fatigue strength - Factor of safety - Gear materials – Design of straight tooth spur & helical gears based on strength and wear considerations – Pressure angle in the normal and transverse plane- Equivalent number of teeth-forces for helical gears.

UNIT III BEVEL, WORM AND CROSS HELICAL GEARS

Straight bevel gear: Tooth terminology, tooth forces and stresses, equivalent number of teeth. Estimating the dimensions of pair of straight bevel gears. Worm Gear: Merits and demerits terminology. Thermal capacity, materials-forces and stresses, efficiency, estimating the size of the worm gear pair. Cross helical: Terminology-helix angles-Estimating the size of the pair of cross helical gears.

UNIT IV GEAR BOXES

Geometric progression - Standard step ratio - Ray diagram, kinematics layout -Design of sliding mesh gear box - Design of multi speed gear box for machine tool applications - Constant mesh gear box - Speed reducer unit. – Variable speed gear box, Fluid Couplings, Torque Converters for automotive applications.

UNIT V CAMS, CLUTCHES AND BRAKES

Cam Design: Types-pressure angle and under cutting base circle determination-forces and surface stresses. Design of plate clutches –axial clutches-cone clutches-internal expanding rim clutches-Electromagnetic clutches. Band and Block brakes - external shoe brakes – Internal expanding shoe brake.

Note: (Usage of P.S.G Design Data Book is permitted in the University examination)

OUTCOMES:

• Upon completion of this course, the students can able to successfully design transmission components used in Engine and machines

	SARANATHAN COLLEGE OF ENGINEERING DEPARTMENT OF MECHANICAL ENGINEERING	
	LESSON PLAN	LP Rev. No: 00 Date:18.2.2021
	Sub Code &Name : ME8651 - DESIGN OF TRANSMISSION SYSTEMS Branch: MECHANICAL ENGINEERING Semester : VI - B	Page 3 of 4

Session No	Topics to be covered	Duration	Ref	Teaching Method
UNIT-I - DESIGN OF FLEXIBLE ELEMENTS				
1	Introduction	1 Period		BB
2	Design Data Book Review	1 Period		BB
3	Design of Flat belts and pulleys	3 Periods		BB
4	Selection of V belts and pulleys	2 Periods		BB
5	Selection of hoisting wire ropes and pulleys	2 Period		BB
6	Design of Transmission chains and Sprockets	2 Periods		BB
7	Tutorial	2 Periods		BB
	Unit Total	13 Periods		
UNIT-II - SPUR GEARS AND PARALLEL AXIS HELICAL GEARS				
8	Speed ratios and number of teeth-Force analysis -Tooth stresses	1 Period		BB
9	Dynamic effects –fatigue strength - factor of safety – gear materials	2 Periods		BB
10	Design of straight tooth spur & helical gears based on strength and wear considerations	3 Periods		
11	Pressure angle in the normal and transverse plane-Equivalent number of teeth-forces for helical gears.	3 Period		BB
12	Tutorial	3 Periods		BB
	Unit Total	12 Periods		
UNIT-III – BEVEL, WORM AND CROSS HELICAL GEARS				
13	Straight bevel gear: Tooth terminology, tooth forces and stresses – Equivalent number of teeth	1 Period		BB
14	Estimating the dimensions of pair of straight bevel gears	2 Periods		BB
15	Worm Gear: Merits and demerits and Terminology	1 Period		BB
16	Thermal capacity, materials, forces and stresses	2 Periods		BB
17	Efficiency – Estimating the size of the worm gear pair	3 Periods		BB
18	Cross helical: Terminology – helix angles – Estimating the size of the pair of cross helical gears.	2 Periods		BB
	Unit Total	11 periods		

	SARANATHAN COLLEGE OF ENGINEERING DEPARTMENT OF MECHANICAL ENGINEERING	
	LESSON PLAN	LP Rev. No: 00 Date: 18.2.2021
	Sub Code &Name : ME8651 - DESIGN OF TRANSMISSION SYSTEMS Branch: MECHANICAL ENGINEERING Semester : VI - B	Page 4 of 4

Session No	Topics to be covered	Duration	Ref	Teaching Method
UNIT-IV - GEAR BOXES				
19	Geometric progression - Standard step ratio - Ray diagram, kinematics layout -Design of sliding mesh gear box	4 Periods		BB
20	Design of multi speed gear box for machine tool applications - Constant mesh gear box - Speed reducer unit. – Variable speed gear box,	4 Periods		BB
21	Fluid Couplings, Torque Converters for automotive applications.	2 Periods		BB
22	Tutorial -	2 Periods		BB
	Unit Total	12 Periods		
UNIT-V - CAMS, CLUTCHES AND BRAKES				
23	Cam Design: Types-pressure angle and under cutting base circle determination-forces and surface stresses.	4 Period		BB
24	Design of plate clutches –axial clutches-cone clutches-internal expanding rim clutches- Electromagnetic clutches.	3 Period		BB
25	Band and Block brakes - external shoe brakes – Internal expanding shoe brake.	3 Periods		BB
26	Tutorial	2 Periods		BB
	Unit Total	12 Periods		

Note: T1 refers to Text book 1 and R1 refers to Reference book 1 as suggested in Page 1 of Lesson Plan. BB refers to teaching with Black Board and OHP/LCD refers to teaching with Projector

COURSE DELIVERY PLAN:

Week	01		02		03		04		05		06		07		08		09		10		11		12		13		14		15	
Units	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5

	Prepared by	Approved by
Signature		
Name	R.Suresh Babu	Dr.G.Jayaprakash
Designation	Asst.Professor	H.O.D/Mechanical
Date	18.2.2021	18.2.2021

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE,Affiliated to Anna University-Chennai-25)

Department of Mechanical Engineering

(Accredited by NBA)

ASSIGNMENT

NAME : N.AYOOB AHAMED

BATCH NO : 216031

COURSE : THERMAL ENGINEERING II

COURSE CODE : ME 8595

YEAR/SEC : III/A

ACADEMIC YEAR : 2020-2021/ODD

CONTENT (6)	SUBMISSION (2)	PRESENTATION (2)	TOTAL (10)	STAFF SIGNATURE
6	2	2	10	R.S. Shivaranjani

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE,Affiliated to Anna University-Chennai-25)

Department of Mechanical Engineering

(Accredited by NBA)

Assignment - 1		Date of Issue		Marks	10
Course Code	ME 8595	Course Title	THERMAL ENGINEERING II		
Year	III	Sem/Section	05	A	

Q.No	Questions	CO	PO	PSO
1.	The steam is supplied to a nozzle at a rate of 1 kg/s from an inlet condition of 10 bar, dry saturated and exit at 1 bar pressure. The efficiency of the nozzle for the convergent portion is 95 per cent and that of the divergent portion is 90 per cent. Determine (a) throat and exit diameters of nozzle, (b) length of nozzle, if divergent cone angle of the nozzle is 14°, (c) The power in kW corresponds to exit velocity of the steam.	301.1	3-6,12	1-3

R.S. Shivaranjani

[R.S. SHIVA RANJANI]

Name and Signature of the Faculty Incharge

HOD/MECH

29/9/2020

1. Given:-

$m_s = 1 kg/s$

$P_1 = 10 bar$

$x = 1$

$\eta_{con} = 95\%$

$\eta_{div} = 90\%$

$\alpha = 14^\circ \Rightarrow \frac{\alpha}{2} = 7^\circ$

To find:-

1. D_2, D_3
2. $L \Rightarrow \tan(\alpha/2) = (r_3 - r_2)/L \Rightarrow \tan(\alpha/2) = (D_3 - D_2)/2L$
3. $P = (m_s V_3^2)/2$

$\tan\frac{\alpha}{2} = \frac{OP}{XP} = \frac{r_3 - r_2}{L}$ (or)

$\tan\frac{\alpha}{2} = \frac{(D_3 - D_2)}{L}$

$\tan\frac{\alpha}{2} = \frac{d_3 - d_2}{2L}$

$L = \frac{d_3 - d_2}{2\tan 7^\circ}$

$= \frac{0.0506 - 0.0309}{2\tan 7^\circ}$

$\boxed{L = 0.0802 m}$

Nozzle efficiency $= \frac{m_s V_3^2}{2} = \frac{1 \times (839)^2}{2} \Rightarrow \boxed{P_{exit} = 351.06 kW}$

Solution:-

$\frac{P_2}{P_1} = 0.577 \Rightarrow P_2 = 10 \times 0.577$

$\boxed{P_2 = 5.77 bar}$

Plotting P and x_1 from Mollier chart;

$H_1 = 2770 KJ/kg$

Draw a st' line $\parallel^{le}$ to P_2 from H_1

$H_{2S} = 2670 KJ/kg$ (Mollier chart)

$0.95 = \frac{h_1 - h_2}{h_1 - h_{2S}} \Rightarrow 0.95 = \frac{2770 - h_2}{2770 - 2670}$

$\boxed{h_2 = 2675 KJ/kg}$

$V_2 = 44.72 \times \sqrt{h_1 - h_2}$

$= 44.72 \times \sqrt{2770 - 2675}$

$\boxed{V_2 = 435.87 m/s}$

$A_2 = \frac{m_s v_2}{V_2} = \frac{1 \times 0.327}{435.87}$

$\boxed{A_2 = 0.00075 m^2}$

$A_2 = \frac{\pi}{4} d^2 \Rightarrow 0.00075 = 0.785 \times d_2^2$

$\boxed{d_2 = 0.0309 m}$

$H_{3S} = 2390 KJ/kg$ (Mollier chart)

$\eta_{div} = \frac{h_2 - h_3}{h_2 - h_{3S}} \Rightarrow 0.90 = \frac{2675 - h_3}{2675 - 2390}$

$\boxed{h_3 = 2416.5 KJ/kg}$

$V_3 = 44.72\sqrt{h_1 - h_3}$

$= 44.72\sqrt{2770 - 2416.5}$

$\boxed{V_3 = 839.02 m/s}$

$A_3 = \frac{m_s v_3}{V_3} = \frac{1 \times 1.694}{839.02}$ $\quad v_3 = x v_{g_3} = 1.694$

$\boxed{A_3 = 0.0201 m^2}$

$A_3 = \pi/4 d_3^2$

$\frac{0.0201}{0.785} = d_3^2 \Rightarrow d_3 = 0.050 bm$

2.

Given:

$P_1 = 15$ bar,

$T_1 = 350°C$

$L = 80$ mm

$D_3 = 6$ mm

$\eta_{div} = 1 - 0.12 = 0.88 = 88\%$

To find:

d_3? & T_2 = ?

V_2 = ? $D_3 \Rightarrow A_3 \Rightarrow V_3$ = ?

Soln:

$$\frac{h_2 - h_3}{h_2 - h_{3s}} = 0.88$$

From Mollier's chart:

$h_1 = 3150$ KJ/kg

Starting P3 drawing st. line

$h_2 = 2990$ KJ/kg

Temp. of steam at throat is 260°C

P_3 = 1 bar (exit pressure)

$h_{3s} = 2580$ KJ/kg

$$V_2 = 44.72 \times \sqrt{h_1 - h_2}$$

$$= 44.72 \times \sqrt{3150 - 2990}$$

$$\boxed{V_2 = 565.66 \text{ m/s}}$$

$$\dot{m}_3 = \frac{A_2 V_2}{\vartheta_2} = \frac{\pi/4 (6 \times 10^{-3})^2 \times 565.14}{0.24}$$

$$\boxed{\dot{m}_3 = 0.0662 \text{ kg/s}}$$

$$\eta_{div} = \frac{h_2 - h_3}{h_2 - h_{3s}} \Rightarrow 0.88 = \frac{2990 - h_3}{2990 - 2580}$$

$h_3 = 2629.2$ KJ/kg

$$V_3 = 44.72 \times \sqrt{h_1 - h_3}$$

$$= 44.72 \times \sqrt{3150 - 2629.2}$$

$$\boxed{V_3 = 1020.5 \text{ m/s}}$$

$\vartheta_3 = 1 V_{g3} = 1.15$

$$A_3 = \frac{\dot{m} \vartheta_3}{V_3} = \frac{0.0662 \times 1.15}{1020.5}$$

$$\boxed{A_3 = 0.000135 \text{ m}^2}$$

$A_3 = \pi/4 \, d_3^2$

$0.000135 = 0.785 \times d_3^2$

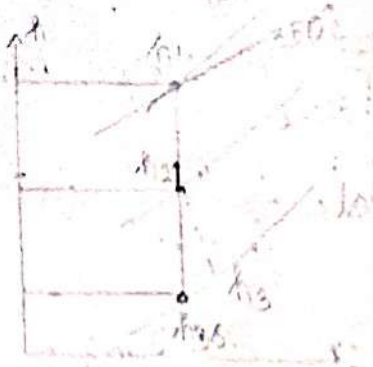
$\boxed{d_3 = 0.013 \text{ m}}$

$$\tan\left(\frac{\alpha}{2}\right) = \frac{d_3 - d_2}{2l}$$

$$\frac{\alpha}{2} = \tan^{-1}\left(\frac{0.0131 - 0.006}{2(0.08)}\right)$$

$\alpha = 2 \times \tan^{-1}(0.0443)$

$\boxed{\alpha = 4.82°}$



SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE,Affiliated to Anna University-Chennai-25)

Department of Mechanical Engineering

(Accredited by NBA)

ASSIGNMENT

NAME : C. Pandiyan

BATCH NO : 216079

COURSE : ME8651

COURSE CODE : Design of Transmission Systems

YEAR/SEC : III / B

Academic Year : 2020 – 21 - Even

CONTENT (6)	SUBMISSION (2)	PRESENTATION (2)	TOTAL (10)	STAFF SIGNATURE
6	2	2	10	

SARANATHAN COLLEGE OF ENGINEERING

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Department of Mechanical Engineering

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Assignment - 2		Date of Issue	03.05.2021	Marks	10
Course Code	ME8651	Course Title	Design of Transmission Systems		
Year	III	Sem/Section	V / B		

Q.No	Questions	CO	PO	PSO
1	Design a bevel gear drive for light shock condition to transmit 7.36 kW at 1440 rpm for the following data. Gear ratio is 3:1. Material for pinion and gear C45 surface hardened. Number of teeth on pinion as 20.	310.4	1-7,9	1,2
2	A 25 kW motor running at 1200 rpm driver a compressor at 780rpm through a 90° bevel gearing arrangement. The pinion has 30 teeth. The pressure angle of the teeth is 20°. Both the pinion and the gear are made of heat treated C.I grade 35. Determine the cone distance, average module and face width of the gears.	310.4	1-7,9	1,2

R.SURESH BABU

Name and Signature of the Faculty Incharge

HOD/MECH

1. Design a bevel gear drive for light vehicle condition to transmit 7.36 kW @ 1440 rpm for following data.

Gear ratio 3:1

Material for pinion & gear C45 Alloy hardened

No. of teeth in pinion = 20.

(i)

Both pinion & gear are of same material.

Do pinion is weaker.

(ii)

$N = 10000 \times 60 \times 440$

$N = 8.64 \times 10^7$

(iii)

Eq. 2.15×10^6 kgf/cm^2

2.15×10^5 N/mm^2

$$[\sigma_b] = \frac{1.4 k_b l}{n k_\sigma} \sigma_{-1}$$

$k_b l = 0.7$

$n = 2.5$

$k_\sigma = 1.5$

$\sigma_{-1} = 319$ N/mm^2

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$[\sigma_b] = 82.97\ kJ/mm^2$

$[\sigma_c]$: Cb 11RC hcl (kgf/cm²)

$= 230 \times 55 \times 0.585$

$[\sigma_c] = 7400.25\ kgf/cm^2$

$[\sigma_c] = 740.025\ N/mm^2$

$[\sigma_b]$: σ_b kdk

$P = \frac{2\pi NT}{60}$

$7.36 \times 10^3 = \frac{2\pi \times 1144 D \times T}{60}$

$T = 49.3075\ Nm$

$[\sigma_b] = 49.3075 \times 1.5$

$[\sigma_b] = 63.4907\ Nm$

$R = 7, \sqrt{(5+1)^3 \sqrt{\frac{49.12}{\sqrt{(5)^2 + 1.5^2}}}} \frac{[\sigma_b]}{7}$

$y = 5$

$R = 3\sqrt{10}$

$t = 55 = 70\ mm$

n_1

Std m_1

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$$R = 0.5\, m_f\, z_1 \sqrt{i^2+1}$$

$$= 0.5 \times 3 \times 20 \sqrt{10}$$

$$R = 94.868 \text{ mm}$$

$$\psi_f = \frac{R}{b}$$

$$3 = \frac{94.868}{b}$$

$$b = 31.623 \text{ mm}$$

$$m_t = m_m + \frac{b \sin\delta}{z}$$

$$\tan\delta_2 = 3$$

$$\delta_2 = 71.565°$$

$$\delta_1 = 90 - \delta_2$$

$$\delta_1 = 18.435°$$

$$m_t = m_m + \frac{b \sin\delta}{z_1}$$

$$3 = m_m + \frac{31.623 \times \sin 18.435}{20}$$

m_m =

d_1 = $m_m z_1$

=

d_1 =

=

=

ψ_f =

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IS quality of gear

DDB 7 3

Preferred IS quality no. = 6

Revised design torque

$[T_d] = T_d K_d K$

$K = 1.6$

$K_d = 1.4$

$[T_d] = 40.5073 \times 1.4 \times 1.6$

$= 109.3980$ Nm

$[\sigma_b]$

$\sigma_b = \frac{R\sqrt{i^2+1}}{(e-0.5b)^2 b m Y_v} [\sigma_b]$

$Z_{v1} = \frac{Z_1}{\cos\delta}$

$= \frac{20}{\cos 16.26}$

$Z_{v1} = 21.0710$

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$$\sigma_c = \frac{0.72}{(R \times b)} \sqrt{\frac{(R^2 + D^2}{\quad}} \; f(r_c)$$

σ_c 806.156 n/mm²

Design of untafe

Required from above:

E = 0.5 m (42.5 d²)

151.113 mm

$V_j = \frac{E}{5} \Rightarrow \frac{151.13}{3}$

42.16

δ_1 12.43

$m_p = 5 - \frac{5 \times (m \times 12.43)}{5 \times}$

3 mm

$d_{req} = (m \times)$

$= 3 \times 12 = 36$

$d = 40 - 5 =$

$= 4$

$\Delta 5$

δ =

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It's quality.

Preferred quality ≥ 6.

Rated torque:

$[M_t] = M_t K_d K$

$K_d = 1.6$

$K = 1.2$

$[M_t] = 93.696$ Nm

$$\sigma_b = \frac{R\sqrt{z^2+1}\,[M_t]}{R \cdot (0.5b)^2 \times b \times m \times y_v} \cdot \frac{1}{\cos\alpha}$$

$y_v = 0.402 \quad \alpha = 20°$

$\sigma_b = 662$ N/mm²

Design is safe.

$$\sigma_c = \frac{0.72}{R(0.5b)}\sqrt{\frac{(u^2+1)^3}{b}\,E[M_t]}$$

$\sigma_c = 452.3$

$m_t = 4$ mm

$R = 105.2$ mm

$z_1 = 30$

$z_2 = 60$

$d = 60.2$ mm

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2 A 45 kW motor running at 1200 rpm drives a compressor through a pair of bevel gears connected directly to the motor shaft. The bevel pinion is made of cast steel having 20 teeth of module 6 mm and face width 50 mm. Determine the beam strength, wear strength and the dynamic tooth load.

Given

P = 45 kW

n_1 = 1200 rpm

n_2 = 300 rpm

β = 90°

z_1 = 20

ϕ = 20°

To find

F_s, F_w, F_d

Solution

F_s = $\sigma_b [(\pi m)^2 b \cos\beta \sin\alpha] / (4 z_1)$

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Torque

$K_{dk} = 1.3$

$P = \frac{2\pi NT}{60}$

$25000 = \frac{2\pi \times 1200 \times T}{60}$

$T = 198.94$

$T_d = 258.6267$ N-m

$i = N_1/N_2$

$= \frac{1200}{750}$

$i = 1.53$

$R = \frac{1}{2}\left[(\sqrt{1.53^2+1})\sqrt{\left(\frac{0.12}{(3.0)(0.2)(0.2)}\right)^2 + 1} - \frac{1.53-1}{1.53+1}\right]$

$R = 35.76$ mm

$\psi = \frac{R}{b} > 4 \quad \frac{35.76}{3} = 12$ mm

$m_n = m_t - \frac{4\sin\delta}{z_1}$

$\tan\delta = \frac{1}{4}$

$\delta = \tan^{-1}(0.25)$

$\delta = 14.03$

$\delta = 14.03(\frac{\pi}{180}) = 0.24$

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Department of Mechanical Engineering

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TUTORIAL

NAME : M. AADHIL AHAMED

BATCH NO : 216001

COURSE : THERMAL ENGINEERING II

COURSE CODE : ME8595

YEAR/SEC : III/A

Academic Year : 2020-2021 ODD

SUBMISSION (5)	SOLVING METHODOLOGY (5)	TOTAL (10)	STAFF SIGNATURE
4	4	8	R.S. Shivaraju

SARANATHAN COLLEGE OF ENGINEERING

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Tutorial - 2		Date of Issue	21-oct-2021	Marks	10
Course Code	ME8595	Course Title	THERML ENGINEERING II		
Year	III	Sem/Section	05	A	

Q.No	Questions	CO	PO	PSO
1.	The rotor of an impulse turbine is of 260 mm diameter and runs at 20,500 rpm. The nozzle angle is 20°, and issues a steam jet with a velocity of 910 m/s. The mass flow rate through the turbine nozzle's blading is 2.0 kg of steam per second. Draw the velocity diagram and calculate the (a) tangential force on blades, (b) axial force on blade (c) power developed by the turbine wheel, (d) efficiency of the blading, (e) inlet angle of blades for shockless inflow of steam.	301.3	1-8	1-3

R.S. Shiva Ranjani

R.S. Shivaranjani

Name and Signature of the Faculty Incharge

HOD/MECH

21/10/2020

Thermal Engineering - II

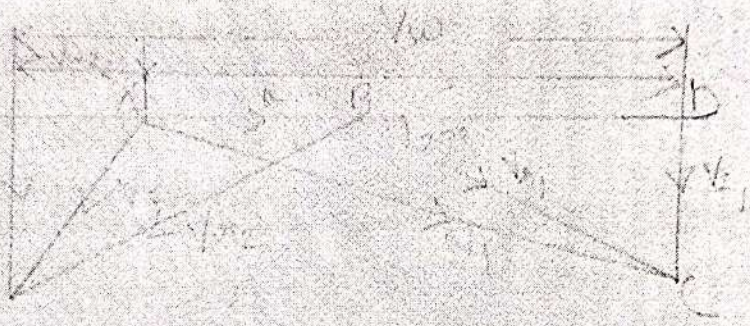
M. Aadhil Ahmed
21600)
Mech-A

1) Gr, $D = 260mm$ $N = 20,500$ rpm, $\alpha = 20°$, $V_1 = 910 m/s$
$m_s = 2 kg/s$ $\theta = \phi$

To find: F_T, F_A, P, P_{Cb}, θ and ϕ

$$u = \frac{\pi DN}{60} = 279.078 m/s$$

Let $100 m/s = 1cm$



Inlet triangle

$V_1 = 910 m/s$
$V_{w1} = 850 m/s$
$u = 279.078 m/s$
$V_{r1} = 660 m/s$
$V_{f1} = 310 m/s$

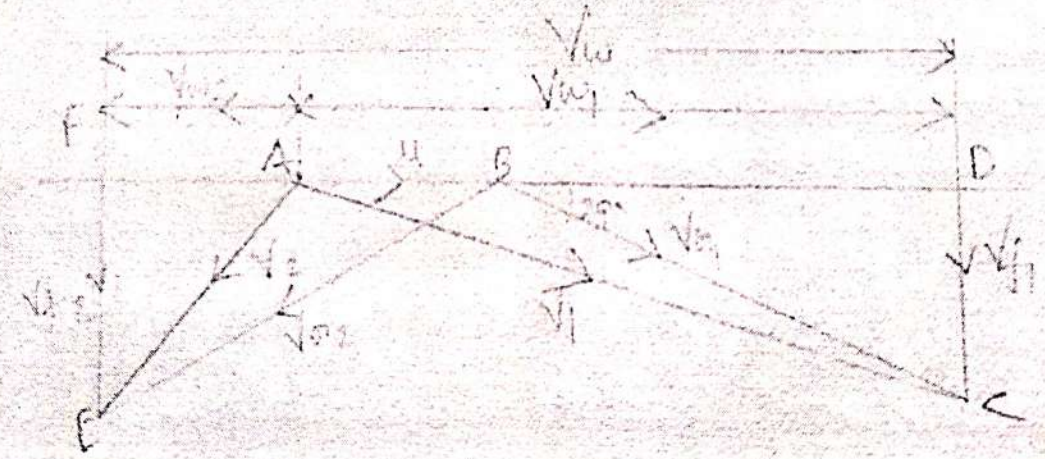
Outlet triangle:

$V_2 = 450 m/s$
$V_{w2} = 320 m/s$
$V_{r2} = 660 m/s$
$V_{f2} = 310 m/s$

$\theta = \phi = 29°$

$V_w = V_{w1} + V_{w2} = 1170 m/s$

Let $600 m/s = 1cm$



216001

$F_T = \dot{m}_s(V_{w_1} + V_{w_2}) = \dot{m}_s V_w$

$F_T = 234.0\,N$

$F_A = \dot{m}_s(V_{f_1} - V_{f_2})$

$F_A = 2(310 - 310) = 0$

$F_A = 0$

$P = F_M = 234.0\,N \times 279.078\ m/s$

$P = 65304.520\ Nm/s$

$P = 653.043\,kNm/s$ 100 kw

$\eta_b = \frac{2\mu V_w}{V_1^2} \times 100$

$\eta_b = 78.86\%$

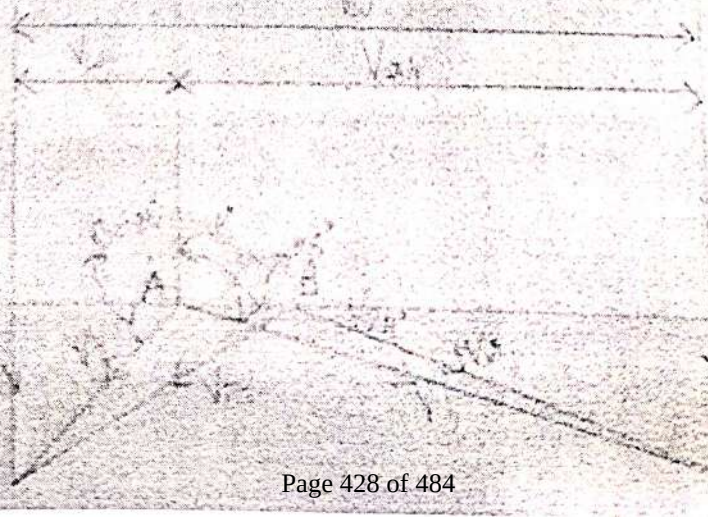
2) Given, $\dot{m}_s = 1.5\,kg/s$, $V_1 = 80\,m/s$

$u = 200\,m/s$ $\alpha = 18°$ $k = 0.75$ $\phi = 25°$

To find: β, diagram, Energy lost, η, Axial thrust

$k = \frac{V_{a_2}}{V_{a_1}} = 0.75$

Let $100\,m/s = 1\,cm$



Inlet Velocity stricangle

$V_1 = 800 m/s$

$u = 200 m/s$

$V_{r1} = 640 m/s$

$V_{w1} = 760 m/s$

$V_{f1} = 250 m/s$

outlet Velocity stricangle

$V_2 = 330 m/s$

$V_{r2} = 480 m/s$

$V_{w2} = 250 m/s$

$V_{f2} = 240 m/s$

$\theta = 24^\circ \quad \phi = 25^\circ \quad \alpha = 18^\circ \quad \beta = 39^\circ \quad V_w = 1010 m/s$

i) $\eta_b = \frac{2uV_w}{V_1^2} = \frac{2 \times 200 \times 1010}{(800)^2}$

$\eta_b = 63.125\%$

ii) Energy lost

$\Delta e = \frac{V_{r1}^2 - V_{r2}^2}{2}$

$\Delta e = 89600 Nm/kg$

$\Delta e = 89.6 kJ/kg$

iii) power Developed,

$P = m_s \frac{V_w u}{1000}$

$P = 303 kW$

V) Axial thrust on Roter.

$F_a = m_s (V_{f1} - V_{f2})$

$F_a = 60 N$

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TUTORIAL

NAME : S.Pugalendran

BATCH NO : 216085

COURSE : ME8651

COURSE CODE : Design of Transmission Systems

YEAR/SEC : III / B

Academic Year : 2020 – 21 - Even

SUBMISSION (5)	SOLVING METHODOLOGY (5)	TOTAL (10)	STAFF SIGNATURE
5	5	10	

SARANATHAN COLLEGE OF ENGINEERING

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Department of Mechanical Engineering

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Tutorial - 1		Date of Issue	20.04.21	Marks	10
Course Code	ME8651	Course Title	Design of Transmission Systems		
Year	III	Sem/Section	V / B		

Q.No	Questions	CO	PO	PSO
1	A pair of helical gears subjected to light shock loading is to transmit 37.5 kW at 1750rpm of the pinion. The speed reduction ratio is 4.25 and the helix angle is 15°. The service is continuous and the teeth are 20° FD in the normal plane. Design the gears by assuming a life of 10,000 hours. Both materials: Alloy steel 40 Ni 2 Cr 1 Mo 28 hardened & tempered and number of teeth in the pinion is 20.	310.3	1-7, 9	1,2

R. SURESH BABU

Name and Signature of the Faculty Incharge

HOD/MECH

2) A pair of helical gears subjected to light shock loading is to transmit 37.5 kW at 1750 rpm of the pinion. the speed reduction ratio is 4.25 and the helix angle is 15° the service is continuous and the teeth are 20° FD in the normal plane. Design the gears by assuming a life of 10,000 hours. Both materials : Alloy steel 40 Ni 2 Cr1 Mo 28 hardened & tempered and numbes of teeth in the pinion is 20.

Given data

$P = 37.5$ kW

$N_1 = 1750$ rpm

$i = 4.25$

$\beta = 15^\circ$

$\phi = 20^\circ$

$N = 10000$ hours

$Z_1 = 20$

Material of the gear & pinion are same, so pinion is the weaker element.

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Gear life in number of cycles:-

Number of cycles = $(10000 \times 60) \times N_1$ (60 → min)

$= 10000 \times 60 \times 1750$

$= 105 \times 10^7$ cycles.

Young Modulus [8.114]

$E = 2.15 \times 10^6$ kgf/cm²

$= 2.15 \times 10^5$ N/mm²

Bending Stress

$$\sigma_b = \frac{1.4}{n} \frac{K_{bl}}{K_\sigma} \sigma_{-1}$$

Table 22

Steel $> 350 \geq 25 \times 10^7 = 0.7 \rightarrow K_{bl}$

Table 20

Steel → Surface Hardened → 2.5 → n

Table 21

Steel, Normalized, Surface Hardened → $0 \leq x \leq 0.1 \rightarrow 1.5 \rightarrow K_\sigma$

$$\sigma_b = \frac{1.4}{2.5} \times \frac{0.7}{1.5} \times 662.5$$

$\sigma_{-1} = 0.35\ \sigma_u + 120$

$\sigma_u = 1550$

$\sigma_{-1} = 662.5$

$\boxed{\sigma_b = 173.13\ N/mm^2}$

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Contact stress

$\sigma_c = C_R \; HRc \; K_{cl}$

Table 16

$HRc = 55$

$C_R = 865$

$K_{cl} = 0.585$

$\sigma_c = 865 \times 55 \times 0.585$

$\sigma_c = 8526.375 \; \frac{kgf}{cm^2}$

$[\sigma_c] = 852.6 \; N/mm^2$

Design Torque

$[M_t] = M_t \; K_d K$

$K_d K = 1.3$

$M_t = ?$

$[M_t] = 266.016 \; Nm.$

$P = \frac{2\pi N_1 T}{60}$

$M_t = \frac{P \times 60}{2\pi N_1}$

$= \frac{37.5 \times 10^3 \times 60}{2 \times \pi \times 1750}$

$= 204.62 \; N.m$

Centre distance [8.13]

$$a = (i+1) \sqrt[3]{\left(\frac{0.7}{[\sigma_c]}\right)^2 \frac{E\,[M_t]}{i\,\psi}}$$

Table 11

Assume $\psi = 0.3$

$$a = (4.25+1) \sqrt[3]{\left(\frac{0.7}{852.6}\right)^2 \frac{2.15 \times 10^5 (266 \times 10^3)}{4.25 \times 0.3}}$$

$a = 163.55 \; mm$

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$$\rho = \frac{z_2}{z_1}$$

$$4.25 = \frac{z_2}{20} \qquad \boxed{z_2 = 85}$$

Normal Module

$$m_n = \frac{2a\cos\beta}{z_1 + z_2} = \frac{2 \times 163.55 \times \cos 15^\circ}{20 + 85}$$

$$m_n = 3.009 \text{ mm}$$

$$\boxed{\text{Std module} = 4\text{mm}}$$

Revised Centre distance.

$$a = \frac{m_n}{\cos\beta}\left(\frac{z_1 + z_2}{2}\right)$$

$$= \frac{4}{\cos 15}\left(\frac{20+85}{2}\right) = 217.40 \text{ mm}$$

face width b

$$\psi = b/a \qquad 0.3 = \frac{b}{217.40}$$

$$\boxed{b = 65.22 \text{ mm}}$$

Pitch circle diameter d_1, d_2

$$d_1 = \frac{m_n z_1}{\cos\beta} \Rightarrow 82.82 \text{ mm}$$

$$d_2 = \frac{m_n}{\cos\beta} \times z_2 \Rightarrow 351.99 \text{ mm}$$

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$$V_1 = \frac{\pi \times d_1 \times N_1}{60}$$

$$= 7.588 \text{ mm/s}$$

$$V_1 = 7.58 \text{ m/s}$$

$$\psi_p = \frac{\psi}{2}(i+1)$$

$$\psi_p = 0.78875$$

Selection of is quality = 8

revised design Torque.

$$[M_t] = m_t k_d k$$

from 8.15 $k = 1.06$

from 8.16

$k_d = 1.3$ $\quad [M_t] = 281.84 \text{ N.m}$

Induced Bending stress

from 8.13A $\quad \sigma_b = \frac{0.7 i+1}{a\, b\, m_n\, y_r} [M_t] \leq [\sigma_b]$

$$Z_v = \frac{Z}{\cos^3 \beta} \qquad y_r = 0.414$$

$$= 22.19$$

$$44.11 \leq [\sigma_b]$$

Induced contact stress :

$$\sigma_c = 0.7 \frac{i+1}{a} \sqrt{\frac{i+1}{i b} E [M_t]}$$

$$578.62 \leq [\sigma_c]$$

Design is safe

Dimension :

(i) Transverse module $m_t = 4.14 \text{mm}$

(ii) Bottom clearence $c = 1 \text{mm}$

(iii) Tooth Depth $h = 9 \text{mm}$

(iv) $d_1 = 83 \text{mm}$, $d_2 = 352 \text{mm}$

(v) Virtual teeth $Z_{v1} = 22.19 \text{mm}$ $Z_{v2} = 94.13 \text{mm}$.

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Saranathan College of Engineering

Department of Mechanical Engineering

ME 8511 Kinematics and Dynamics Laboratory

YEAR: 3

SECTION: A & B

S. No.	EXPERIMENTS	DATE
	Cycle -1	
1	Motorized Gyroscope	29.10.2020
2	Determination of whirling speed of shafts	
3	Balance of rotating mass	
4	Torsional Vibration of shaft – Single rotor system	02.11.2020
5	Torsional Vibration of shaft – Two rotor system	
6	Compound Pendulum	
	Cycle – 2	
7	Study of Universal Governor Apparatus WATT Governor & PORTER Governor	04.11.2020
8	Study of PROELL and HARTNELL Governor Apparatus	
9	Study of Cam - Follower Pair	05.11.2020
10	Balancing of Reciprocating Masses	
11	Simple Gear Train	09.11.2020
12	Compound Gear Train	
	Cycle – 3	
13	Turn Table Apparatus	11.11.2020
14	Slider Crank Mechanism	
15	Kinematics of Universal Joints	
16	Vibration Table Apparatus	12.11.2020
17	Epicyclic Gear Train	
18	Gear Inspection using Gear Tooth Vernier Caliper	

Staff Signature

Syllabus completion report - Theory

Academic Year (2020 -21) Odd semester syllabus completion

Name of staff member

Dr.M.R.Anantha Padmanaban

Designation

Associate Professor

Semester

7

Section

B

Subject Code

OMF 751

Subject Name

LEAN SIX SIGMA

No of units completed

- ○ 4 units
- ○ 4 1/2 Units
- ◉ 5 Units

Your plan to complete remaining syllabus

FINISHED

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Google Forms



Syllabus Completion Report - Practicals

Academic Year (2020 -21) Odd semester syllabus completion - Practicals

Name of staff member

Dr. G.mahesh

Designation

Assistant professor

Semester

5

Section

A

Subject Code - Practical course

ME8513

Subject Name - Practical Course

Metrology kab

Google Class room created

- ○ Yes
- ◉ No

Manual Uploaded in Google Class Room *

- (●) Yes
- ( ) No

Total no of experiments

18

No of experiments conducted

14

Video files of experiment uploaded in GCR

- (●) Yes
- ( ) No

No of experiments uploaded in GCR

14

No of students who have submitted the filled in observations

45

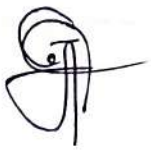
Your plan to finish the pending work

Tentative date for completion of observation submission

MM DD YYYY

11 / 21 / 2020

This form was created inside of SARANATHAN COLLEGE OF ENGINEERING



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

BI DECENNIAL YEAR

Date: 02.06.21

Ref : SCE/Syllabus/ Theory/2020-21-EVEN Sem/Mech

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject ~~DESIGN~~ DESIGN OF TRANSMISSION SYSTEMS , code ME8651 for III year, VI semester, department of MECH B.E/~~B.Tech/MBA~~ during the academic year 2020 – 21, even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 41 periods, revised syllabus for 7 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature :

Name : R.SURESH BABU

Designation : A.P

Department : MECHANICAL

Date : 02.06.21

Signature of HoD :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

BI-DECENNIAL YEAR

Date:

Ref : SCE/Syllabus/Laboratory/2020-21-EVEN Sem/Mech

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature	: K.A.J	Signature	:
Name	: K.Amarnath	Name	:
Designation	: Assistant professor	Designation	:
Department	: Mechanical		
Signature of HoD	:		

Note: List of the students who have not got bonafide, if any, to be enclosed.

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Sem: ODD/ EVEN

Year/ Sem/Sec	I / II / Mech																
Subject Code	Name of faculty		Test I					Test II					Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
HS 8251	Mr. G. SRIRAM	IA Test	67	67	0	1	97	67	67	0	3	96	67	67	0	6	90
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks			—					—					—		
MA 8251	Dr. S. ARUNKUTTAER	IA Test	67	67	0	1	99	67	67	0	3	96	67	67	0	2	97
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks			—					—					—		
PH 8251	Mr. K. KARTHIKEYAN	IA Test	67	66	01	9	86	67	67	0	3	96	67	67	0	10	85
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks			—					—					—		
Signature of QAC members with name			S. Priyanka (Dr. S. PRIYADARSINI)					S. Priyanka (Dr. S. PRIYADARSINI)					S. Priyanka (Dr. S. PRIYADARSINI)				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020 -2021 [EVEN]

Sem: ODD/ EVEN

Dept: MECHANICAL

Year/ Sem/Sec	II/III/Mech		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
BE8253	Mr.R.SRIDHAR	IA Test	67	67	0	19	72	67	66	01	1	98	67	66	01	33	50
		Make up Test	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		Remarks	—					—					—				
GE8291	Ms.G.THULASI	IA Test	67	66	1	17	74	67	67	0	9	85	67	65	02	5	92
		Make up Test		...													
		Remarks	—					—					—				
GE8292	Mr.P.VIGNESHWAR	IA Test	67	65	2	02	95	67	67	0	7	88	67	67	0	0	100
		Make up Test															
		Remarks	—					—					—				
Signature of QAC members with name			S.Poongkodi (Dr.S.PRIYADARSHINI)					S.Poongkodi (Dr.S.PRIYADARSHINI)					S.Poongkodi (Dr.S.PRIYADARSHINI)				
Signature of HOD			S.N.A					S.N.A					S.N.A				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ODD/ EVEN ✓

Year/ Sem/Sec	II / IV / A																			
			Test I					Test II					Dept	MECHANICAL	Test III					
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
MA8452	Dr. D. Geetha	IA Test	65	63	02	02	~~96.9~~ 93.8	65	65	–	02	97	65	62	03	01	93.8			
		Make up Test			—	—					—				—					
		Remarks			—					—					—					
ME8451	Dr. N. Baskar	IA Test	65	65	0	05	92.3	65	62	03	05	88	65	63	02	05	89.2			
		Make up Test		—	—	—				—	—				—	—				
		Remarks			—					—					—					
ME8491	Dr M.R.Anathapadmanaban	IA Test	65	65	–	03	95.4	65	63	02	01	95.3	65	61	04	–	93.8			
		Make up Test		—	—	—				—	—			—	—					
		Remarks			—					—					—					
Signature of QAC members with name			1. [A. Kumaravelan] 2. [R. SURESH BABU]					1. [A. Kumaravelan] 2. [R. SURESH BABU]					1. [A. Kumaravelan] 2. [R. SURESH BABU]							
Signature of HOD																				
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN ✓

Year/ Sem/Sec	II / IV / A																			
			Test I					Test II					Dept	MECHANICAL						
													Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
ME8492	Mr. S. Vinoth Kumar	IA Test	65	63	02	04	90.7	65	65	—	05	92.3	65	65	—	03	95.4			
		Make up Test			—						—				—					
		Remarks			—					—					—					
ME8493	Mr. S. Parmaguru	IA Test	65	61	04	03	89.2	65	65	—	07	89.2	65	65	—	06	90.7			
		Make up Test			—					—	—				—					
		Remarks			—					—					—					
CE8395	Dr. M. Ganesan	IA Test	65	61	04	07	83	65	63	02	—	97	65	64	01	03	93.8			
		Make up Test			—					—	—				—					
		Remarks			—					—					—					
Signature of QAC members with name		1 A. Huy 2 [R. SURESH BABU]						1 A. Huy 2 [R. SURESH BABU]					1 A. Huy 2 [R. SURESH BABU]							
Signature of HOD																				
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Year/ Sem/Sec	II / IV / B													Sem: ODD/ EVEN ✓				
														Dept		MECHANICAL		
Subject Code	Name of faculty		Test I					Test II						Test III				
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
MA8452	Dr. S. Revathi	IA Test	65	65	–	07	89.2	65	65	–	02	97		65	60	05	03	87.7
		Make up Test			–					–							–	
		Remarks		–					–						–			
ME8451	Mr. S. Karthikeyan	IA Test	65	62	03	13	75.4	65	65	–	–	100		65	60	05	–	92.3
		Make up Test			–					–					–			
		Remarks		–					–						–			
ME8491	Mr. R. Kumar	IA Test	65	62	03	12	77	65	64	01	02	95.3		65	59	06	02	87.8
		Make up Test			–					–						–		
		Remarks		–					–						–			
Signature of QAC members with name			1 [signature] 2 [signature] [R. SURESH BABU]					1 [signature] 2 [signature] [R. SURESH BABU]						1 [signature] 2 [signature] [R. SURESH BABU]				
Signature of HOD			[signature]					[signature]						[signature]				
QAC In-Charge																		
IQAC Co-ordinator																		
Principal																		

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN

Year/ Sem/Sec	II / IV / B																			
																Dept	MECHANICAL			
			Test I					Test II								Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %				No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
ME8492	Dr. G. Mahesh	IA Test	65	65	–	03	95.4	65	65	–	–	100				65	65	–	–	100
		Make up Test			—	—				—								—		
		Remarks	—					—								—				
ME8493	Mr. S. Satynarayanan	IA Test	65	63	02	13	77	65	65	–	09	86.1				65	65	–	08	87.7
		Make up Test			—					—								—		
		Remarks	—					—								—				
CE8395	Dr. G. Jayaparakash	IA Test	65	63	02	07	86.1	65	65	–	02	96.9				65	61	04	—	93.8
		Make up Test			—	—				—								—		
		Remarks	—					—								—				
Signature of QAC members with name		1. 2. SURESH BABU						1. 2. [R. SURESH BABU]								1. 2. [R. SURESH BABU]				
Signature of HOD																				
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN ✓

Year/ Sem/Sec	III / VI / A		Dept	MECHANICAL															
			Test I					Test II					Test III						
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		
ME8651	Dr. R. Rekha	IA Test	64	63	01	01	96.8	64	63	01	01	96.8	64	63	01	04	92.2		
		Make up Test		—	—	—				—	—			—	—				
		Remarks		—					—					—					
ME8691	Mr. R. Kumar	IA Test	64	63	01	—	98.4	64	60	04	02	90.6	64	61	03	—	95.3		
		Make up Test		—	—	—				—	—			—	—				
		Remarks		—					—					—					
ME8692	Dr. N. Baskar	IA Test	64	63	01	03	93.7	64	61	03	01	93.7	64	61	03	—	95.3		
		Make up Test		—	—	—				—	—			—	—				
		Remarks	1	—					—					—					
Signature of QAC members with name			1. 2. [DR. SURESH BABU]					1. 2. [DR. SURESH BABU]					1. 2. [DR. SURESH BABU]						
Signature of HOD			S.A.A.					S.A.					S.A.						
QAC In-Charge																			
IQAC Co-ordinator																			
Principal																			

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN ✓

Year/ Sem/Sec	III / VI / A																			
																Dept	MECHANICAL			
			Test I					Test II					Test III							
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
ME8693	Mr. M. Sriram Prasanth	IA Test	64	63	01	—	98.4	64	63	01	—	98.4	64	63	01	—	98.4			
		Make up Test		—	—					—					—					
		Remarks		—						—					—					
ME8694	Mr. J. Sivasubramanian	IA Test	64	63	01	02	95.3	64	63	01	—	98.4	64	62	02	—	96.8			
		Make up Test			—					—					—					
		Remarks			—					— —					—					
ME8096	Ms. R. S. Shiva Ranjani	IA Test	64	63	01	—	98.4	64	63	01	—	98.4	64	63	01	—	98.4			
		Make up Test			—					—					—					
		Remarks			—					✓					—					
Signature of QAC members with name			1. [signature] 2. [signature] [R. SURESH BABU]					1. [signature] 2. [signature] [R. SURESH BABU]					1. [signature] 2. [signature] [R. SURESH BABU]							
Signature of HOD			[signature]					[signature]					[signature]							
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN ✓

Dept: MECHANICAL

Year/ Sem/Sec	III / VI / B		Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
ME8651	Mr. R. Suresh Babu	IA Test	64	62	02	02	93.7	64	64	–	02	96.8	64	64	–	–	100
		Make up Test		–	–	–			–	–				–	–		
		Remarks			–					–					–		
ME8691	Mr. A. Ranjith Raj	IA Test	64	63	01	–	98.4	64	64	–	–	100	64	64	–	01	98.4
		Make up Test		–						–				–	–		
		Remarks			–					–					–		
ME8692	Dr. M. Ganesan	IA Test	64	64	00	02	96.8	64	64	–	01	98.4	64	64	–	03	95.3
		Make up Test		–	–					–				–	–		
		Remarks			–					–					–		
Signature of QAC members with name		1. 2. [Dr. SURESH BABU]						1. 2. [Dr. SURESH BABU]					1. 2. [Dr. SURESH BABU]				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~EVEN~~ ODD ✓

Year/ Sem/Sec	III / VI / B											Dept	MECHANICAL			
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
ME8693	Mr. K. Amarnath	IA Test	64	63	01	—	98.4	64	64	—	—	100	64	64	—	—	100
		Make up Test		—					—						—		
		Remarks		—					—						—		
ME8694	Mr. P. Vigneshwar	IA Test	64	64	—	02	96.8	64	64	—	03	95.3	64	64	—	03	95.3
		Make up Test		—					—						—		
		Remarks		—					—						—		
ME8096	Dr. A. Mercy Vasan	IA Test	64	64	—	—	100	64	64	—	—	100	64	64	—	—	100
		Make up Test			—				—						—		
		Remarks		—					—						—		
Signature of QAC members with name			1. [signature] 2. [signature]					1. [signature] 2. [signature]					1. [signature] 2. [signature]				
Signature of HOD																	
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN ✓

Year/ Sem/Sec	III / VI / A & B													Dept	MECHANICAL			
			Test I					Test II					Test III					
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
IE8693	Mr. P. Jothi Palavesam / Mr. P.V. Rajesh	IA Test	44	44	–	–	100	44	44	–	–	100	44	44	–	–	100
		Make up Test															
		Remarks															
		IA Test															
		Make up Test															
		Remarks															
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			1. 2. [R. SURESH BABU]					1. 2. [R. SURESH BABU]					1. 2. [R. SURESH BABU]					
Signature of HOD																		
QAC In-Charge																		
IQAC Co-ordinator																		
Principal																		

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

Sem: ~~ODD~~/ EVEN ✓

Year/ Sem/Sec	IV / VIII / A											Dept	MECHANICAL			
			Test I					Test II					Test III				
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
MG8591	Mr. S. Syed Musthaliff	IA Test	67	67	–	13	80.6	67	67	–	06	91	67	67	–	01	98.5
		Make up Test			—					—				—			
		Remarks	—					—					—				
IE8693	Mr. P.V. RAJESH ~~Mr. J. Sivasubramanian~~	IA Test	67	67	–	–	100	67	67	–	–	100	67	67	–	–	100
		Make up Test		—						—				—			
		Remarks	—					—					—				
		IA Test															
		Make up Test															
		Remarks															
Signature of QAC members with name			1. 2. Mr. T.K. SURESH BABU					1. 2. Mr. T.K. SURESH BABU					1. 2. Mr. T.K. SURESH BABU				
Signature of HOD			S.N.A.					S.N.A.					S.N.A.				
QAC In-Charge																	
IQAC Co-ordinator																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2020- 2021

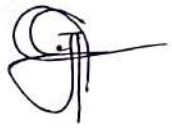
Sem: ~~ODD~~/EVEN ✓

Year/ Sem/Sec	IV / VIII / B																			
			Test I					Test II					Test III					Dept	MECHANICAL	
Subject Code	Name of faculty		No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %			
MG8591	Mr. K. Arun Prasad	IA Test	72	72	–	06	91.6	72	72	–	05	93	72	72	–	03	95.8			
		Make up Test		~	—	—			~	—					—					
		Remarks			—					—					—					
IE8693	Mr. P. Jothi Palavesam	IA Test	72	72	–	–	100	72	72	–	–	100	72	72	–	–	100			
		Make up Test			—				~	—					—					
		Remarks			—					—					—					
		IA Test																		
		Make up Test																		
		Remarks																		
Signature of QAC members with name			1. [signature] 2. ~~[signature]~~ [R. SURESH BABU]					1. [signature] 2. ~~[signature]~~ [R. SURESH BABU]					1. [signature] 2. ~~[signature]~~ [R. SURESH BABU]							
Signature of HOD																				
QAC In-Charge																				
IQAC Co-ordinator																				
Principal																				

Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : MECH Month&Year: FEB 2021

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
1	mahesh-mech	SEM-1-A/1	55	GE8152/Engineering Graphics	13.64	13.75	7.19	11.43	11.08	10.95	3.68	5.13	7.04	7.30	91.19
2	sureshbabu-mech	SEM-1-B/1	55	GE8152/Engineering Graphics	12.82	12.49	6.46	9.73	9.51	9.77	3.07	5.04	6.55	6.75	82.19
3	ranjith-mech	SEM-1-C/1	56	GE8152/Engineering Graphics	13.77	13.45	7.17	10.63	10.11	10.54	3.41	5.36	7.29	7.20	88.93
4	jothi-mech	SEM-1-D/1	53	GE8152/Engineering Graphics	12.74	12.23	6.37	9.28	8.33	9.06	3.00	4.91	6.64	6.85	79.42
5	vinothkumar-mech	SEM-1-E/1	54	GE8152/Engineering Graphics	12.50	12.50	6.16	8.76	8.00	9.20	2.99	5.11	6.58	5.93	77.73
6	paramaguru-mech	SEM-1-F/1	54	GE8152/Engineering Graphics	14.17	13.94	7.11	10.76	10.27	10.80	3.53	5.47	7.23	7.38	90.64
7	amar-mech	SEM-1-G/1	51	GE8152/Engineering Graphics	13.06	12.59	6.65	9.88	8.66	9.46	3.17	4.78	6.46	6.68	81.39
8	sivasubramanian-mech	SEM-1-H/1	54	GE8152/Engineering Graphics	13.17	12.89	6.58	9.87	8.80	9.60	3.23	4.64	6.34	6.73	81.84



Saranathan College of Engineering
Tiruchirappalli-12

FeedBack Report : MECH Month&Year: MAR/APR 2021

S.no	staffcode	branch /Sem	No. partici pated	Subject Code /Title	(1) Does the faculty come Prepared for the Classes ?	(2) Subject Knowledge and Clarity of the Faculty	(3) Impartiality and Fairness to Students ?	(4) Interaction with Students by the faculty	(5) Valuable/Extra Information given during the Lectures by the faculty	(6) Enthusiasm for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctuality in Evaluation of Exam Papers/ Assignments ?	(9) Whether Syllabus for IA Tests/ University Examination Completed steadily?	(10) Ability to Speak Loudly and Clearly	Total Out of
	Weigtage				15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
1	mrpadmanaban-mech	CIVIL-A/8	57	GE8076/Professional Ethics In Engineering	12.32	12.11	6.29	9.52	9.73	9.81	3.13	4.88	6.71	6.71	81.19
2	rekha-mech	EEE-A/2	51	BE8252/Basic Civil And Mechanical Engineering	12.41	12.47	6.40	9.69	9.46	9.32	3.20	4.59	6.43	6.49	80.47
3	mahesh-mech	ICE-A/2	23	BE8252/Basic Civil And Mechanical Engineering	13.17	13.17	7.17	10.75	10.43	10.33	3.48	5.06	6.82	7.10	87.48
4	vigneshwar-mech	MECH-A/2	27	GE8292/Engineering Mechanics	13.33	12.78	6.93	10.04	9.60	10.40	3.41	5.42	6.99	7.17	86.08
5	ganesan-mech	MECH-A/4	36	CE8395/Strength Of Materials For Mechanical Engineers	12.50	12.50	6.36	9.33	9.47	9.67	2.98	4.77	6.49	6.76	80.81
6	baskar-mech	MECH-A/4	37	ME8451/Manufacturing Technology - Ii	12.41	12.16	6.66	9.21	8.89	9.54	3.03	4.74	6.31	6.40	79.34
7	mrpadmanaban-mech	MECH-A/4	40	ME8491/Engineering Metallurgy	13.12	12.98	6.92	10.50	10.14	10.14	3.50	5.19	6.64	6.84	85.97
8	vinothkumar-mech	MECH-A/4	36	ME8492/Kinematics Of Machinery	12.75	12.33	6.40	9.67	9.13	9.47	3.00	4.80	6.53	6.27	80.35
9	paramaguru-mech	MECH-A/4	35	ME8493/Thermal Engineering- I	13.80	13.46	6.99	10.42	10.49	10.42	3.52	5.21	7.04	7.18	88.54
10	shivaranjani-mech	MECH-A/6	58	ME8096/Gas Dynamics And Jet Propulsion	12.47	12.41	6.43	9.81	9.56	9.77	3.23	4.92	6.57	6.59	81.75
11	rekha-mech	MECH-A/6	62	ME8651/Design Of Transmission Systems	12.15	12.19	6.55	9.64	9.25	9.37	3.15	4.97	6.45	6.53	80.25
12	kumarr-mech	MECH-	57	ME8691/Computer	13.00	13.11	6.91	10.06	10.32	10.06	3.27	5.07	6.88	6.93	85.61

Saranathan College of Engineering

		A/6		Aided Design And Manufacturing											
13	baskar-mech	MECH-A/6	59	ME8692/Finite Element Analysis	12.51	12.68	6.43	9.72	9.60	9.93	3.17	5.02	6.81	6.64	82.49
14	sriram-mech	MECH-A/6	59	ME8693/Heat And Mass Transfer	12.10	12.00	6.07	9.72	9.80	9.72	3.17	4.80	6.56	6.56	80.52
15	sivasubramanian-mech	MECH-A/6	59	ME8694/Hydraulics And Pneumatics	12.71	12.46	6.64	9.88	9.88	9.68	3.29	5.06	6.73	6.54	82.88
16	rajesh-mech	MECH-A/8	22	IE8693/Production Planning And Control	12.55	12.68	5.96	9.27	9.16	9.82	3.13	5.13	6.69	7.13	81.52
17	jayaprakash-mech	MECH-B/4	15	CE8395/Strength Of Materials For Mechanical Engineers	13.40	13.40	6.83	10.24	10.40	10.40	3.57	5.36	7.15	7.25	88.00
18	karthi-mech	MECH-B/4	16	ME8451/Manufacturing Technology - Ii	12.00	12.19	6.70	9.90	8.70	9.75	3.05	4.95	6.70	6.40	80.34
19	kumar-mech	MECH-B/4	13	ME8491/Engineering Metallurgy	12.46	12.46	6.77	9.97	9.97	9.42	3.26	4.89	6.65	6.65	82.49
20	mahesh-mech	MECH-B/4	14	ME8492/Kinematics Of Machinery	12.21	12.43	6.17	9.43	10.29	9.77	3.49	4.89	6.63	6.63	81.93
21	sathyanarayanan-mech	MECH-B/4	15	ME8493/Thermal Engineering- I	12.60	12.80	6.40	9.44	9.76	10.08	3.09	4.56	6.61	6.29	81.64
22	mercyvasan-mech	MECH-B/6	49	ME8096/Gas Dynamics And Jet Propulsion	12.24	12.24	6.66	9.26	9.06	9.21	3.28	4.92	6.66	5.94	79.49
23	sureshbabu-mech	MECH-B/6	54	ME8651/Design Of Transmission Systems	13.56	13.44	6.79	10.00	9.38	10.18	3.20	5.36	6.93	7.38	86.21
24	ranjith-mech	MECH-B/6	55	ME8691/Computer Aided Design And Manufacturing	12.87	13.36	6.72	10.60	10.34	9.99	3.35	5.06	6.69	6.37	85.36
25	ganesan-mech	MECH-B/6	54	ME8692/Finite Element Analysis	12.94	13.06	6.52	9.91	9.82	9.56	3.17	4.89	6.64	6.55	83.05
26	amar-mech	MECH-B/6	55	ME8693/Heat And Mass Transfer	13.09	12.93	6.92	9.66	9.38	9.60	3.27	5.08	6.55	6.69	83.38
27	vigneshwar-mech	MECH-B/6	54	ME8694/Hydraulics And Pneumatics	12.44	12.33	6.73	9.96	10.13	10.00	3.20	5.09	6.84	6.96	83.69
28	jothi-mech	MECH-B/8	52	IE8693/Production Planning And Control	11.77	11.77	6.28	9.18	8.31	9.00	3.05	4.64	6.37	6.43	76.79

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21EVEN** Semester : **6** Programme: **B.E/B.Tech (MECH)**
Subject Code : **ME8651** NBA Code : **C309** Title **Design of Transmission Systems**
Faculty: Dr.R.Rekha / Mr.R.Suresh Babu

Cos	CO Description	Attained Level	%
309.1	Understand the basic concepts of transmission systems.	2.88	96.00
309.2	Able to design flexible transmission components used in Engine and machines.	2.11	70.33
309.3	Able to design spur gears and Helical gears used in Engine and machines.	2.88	96.00
309.4	Able to design Bevel gears and worm gears used in Engine and machines.	2.87	95.67
309.5	Understand the function of a gear box and its components and able to design gear boxes.	2.53	84.33
309.6	Able to design cam, clutches and brakes for transmission system.	2.88	96.00

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 128

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
216001	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216002	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216003	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216004	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216006	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216007	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216008	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216009	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216010	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216011	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216012	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216013	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216014	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216015	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216016	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216017	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216018	ME8651	2	2	2	2	2	2	26/08/2021	MECH	6
216019	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216020	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216021	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216022	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216023	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216024	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216026	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216027	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216028	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216029	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216030	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216031	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216032	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216033	ME8651	2	2	2	2	2	2	26/08/2021	MECH	6
216034	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216035	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216036	ME8651	2	2	2	2	2	2	26/08/2021	MECH	6

216037	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216038	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216039	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216040	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216041	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216042	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216043	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216044	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216045	ME8651	3	2	3	2	3	3	26/08/2021	MECH	6
216046	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216047	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216048	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216049	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216050	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216051	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216052	ME8651	2	2	2	2	2	2	26/08/2021	MECH	6
216053	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216054	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216055	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216056	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216057	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216058	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216059	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216060	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216061	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216062	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216063	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216064	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216065	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216066	ME8651	3	3	3		3	3	26/08/2021	MECH	6
216067	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216068	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216069	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216070	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216071	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216072	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216073	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216074	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216075	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216076	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216077	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216078	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216079	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216080	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216081	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216082	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216083	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216084	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216085	ME8651	3	3	3		3	3	26/08/2021	MECH	6
216086	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216087	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216088	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6

216089	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216090	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216092	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216093	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216095	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216096	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216097	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216099	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216100	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216101	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216103	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216104	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216105	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216106	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216107	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216108	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216109	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216110	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216111	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216112	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216113	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216114	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216115	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216116	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216117	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216118	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216119	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216120	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216121	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216122	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216123	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216124	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216125	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216126	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216127	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216128	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
216129	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216130	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216131	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216132	ME8651	3	2	3	3	2	3	26/08/2021	MECH	6
216133	ME8651	2	3	2	2	2	2	26/08/2021	MECH	6
216134	ME8651	3	2	3	3	3	3	26/08/2021	MECH	6
Attained Level		2.88	2.11	2.88	2.87	2.53	2.88			
%		96.00	70.33	96.00	95.67	84.33	96.00			

Saranathan College of Engineering
Tiruchirappalli-12
Course End Survey - Consolidated Report

Academic Year : **2020-21ODD** Semester : **5** Programme: **B.E/B.Tech (MECH)**
Subject Code : **ME8593** NBA Code : **C302** Title **Design of Machine Elements**
Faculty: Dr.G.Jayaprakash / Mr.R.Suresh Babu

Cos	CO Description	Attained Level	%
C302.1	Explain the materials selection based on mechanical properties and fundamentals of stress analysis in the design of machine components.	2.99	99.67
C302.2	Calculate principal stresses and factor of safety for various theories of failure under different loading conditions.	2.01	67.00
C302.3	Design the shafts, keys and couplings.	2.99	99.67
C302.4	Design the permanent and temporary fasteners.	2.99	99.67
C302.5	Calculate various dimensions of energy storing elements and engine components.	2.88	96.00
C302.6	Select the various bearings according to the applications and lubrication requirements.	2.99	99.67

Course Exit Survey - Data Entry Details
No.of Students Participated in the survey: 128

Batchno	subcode	CO1	CO2	CO3	CO4	CO5	CO6	Date of Survey	Branch	Semester
216001	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216002	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216003	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216004	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216005	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216006	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216007	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216008	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216009	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216010	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216011	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216012	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216013	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216014	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216015	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216016	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216017	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216018	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216019	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216020	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216021	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216022	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216023	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216024	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216026	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216027	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216028	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216029	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216030	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216031	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216032	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216033	ME8593	2	3	2	2	2	2	28/12/2020	MECH	5
216034	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5

216035	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216036	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216037	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216038	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216039	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216040	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216041	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216042	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216043	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216044	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216045	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216046	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216047	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216048	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216049	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216050	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216051	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216052	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216053	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216054	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216055	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216056	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216057	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216058	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216059	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216060	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216061	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216062	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216063	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216064	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216065	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216066	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216067	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216068	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216069	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216070	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216071	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216072	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216073	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216074	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216075	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216076	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216077	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216078	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216079	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216080	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216081	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216082	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216083	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216084	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216085	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216086	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5

216087	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216088	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216089	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216090	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216092	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216093	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216095	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216096	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216097	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216099	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216100	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216101	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216103	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216104	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216105	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216106	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216107	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216108	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216109	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216110	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216111	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216112	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216113	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216114	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216115	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216116	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216117	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216118	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216119	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216120	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216121	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216122	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216123	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
216124	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216125	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216126	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216127	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216128	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216129	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216130	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216131	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216132	ME8593	3	2	3	3	3	3	28/12/2020	MECH	5
216133	ME8593	3	2	3	3	2	3	28/12/2020	MECH	5
Attained Level		2.99	2.01	2.99	2.99	2.88	2.99			
%		99.67	67.00	99.67	99.67	96.00	99.67			

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES

ACADEMIC PLANNER - I Year MBA (I SEMESTER) - ODD Semester - (December 2020 - March 2021)

December	Day	DETAILS	DAY ORDER	Working Day	January	Day	DETAILS	DAY ORDER	Working Day	February	Day	DETAILS	DAY ORDER	Working Day	March	Day	DETAILS	DAY ORDER	Working Day
1	Tue	BRIDGE COURSE			1	Fri	New Year Day			1	Mon	✓	IV	35	1	Mon		III	59
2	Wed	BRIDGE COURSE			2	Sat	HOLIDAY			2	Tue		V	36	2	Tue	✓	IV	60
3	Thu	BRIDGE COURSE			3	Sun	HOLIDAY			3	Wed	Founder's Day ✓	I	37	3	Wed	Syllabus Completion	V	61
4	Fri	BRIDGE COURSE			4	Mon		V	16	4	Thu		II	38	4	Thu	I.A TEST - III	I	62
5	Sat	BRIDGE COURSE			5	Tue	✓	I	17	5	Fri		III	39	5	Fri	I.A TEST - III	II	63
6	Sun				6	Wed	Saranathan Jayanthi	II	18	6	Sat	HOLIDAY			6	Sat	HOLIDAY		
7	Mon				7	Thu		III	19	7	Sun	HOLIDAY			7	Sun	HOLIDAY		
8	Tue				8	Fri	✓	IV	20	8	Mon	✓	IV	40	8	Mon	I.A TEST - III	III	64
9	Wed				9	Sat		V	21	9	Tue		V	41	9	Tue	I.A TEST - III	IV	65
10	Thu				10	Sun	HOLIDAY			10	Wed	I.A TEST - II	I	42	10	Wed	I.A TEST - III	V	66
11	Fri				11	Mon	✓	I	22	11	Thu	I.A TEST - II	II	43	11	Thu	I.A TEST - III	I	67
12	Sat				12	Tue		II	23	12	Fri	I.A TEST - II	III	44	12	Fri	I.A TEST - III	II	68
13	Sun				13	Wed	Bogi			13	Sat	I.A TEST - II	IV	45	13	Sat			
14	Mon	CLASS COMMENCES	V	1	14	Thu	Pongal			14	Sun	HOLIDAY			14	Sun	HOLIDAY		
15	Tue	✓	I	2	15	Fri	Thiruvalluvar Day			15	Mon	I.A TEST - II	V	46	15	Mon			
16	Wed		II	3	16	Sat	Uzhavar Thirunal			16	Tue	I.A TEST - II	I	47	16	Tue			
17	Thu		III	4	17	Sun	HOLIDAY			17	Wed	I.A TEST - II	II	48	17	Wed			
18	Fri	✓	IV	5	18	Mon	I.A TEST - I	III	24	18	Thu		III	49	18	Thu			
19	Sat		V	6	19	Tue	I.A TEST - I	IV	25	19	Fri	✓	IV	50	19	Fri			
20	Sun	HOLIDAY			20	Wed	I.A TEST - I	V	26	20	Sat		V	51	20	Sat	HOLIDAY		
21	Mon	✓	I	7	21	Thu	I.A TEST - I	I	27	21	Sun	HOLIDAY			21	Sun	HOLIDAY		
22	Tue		II	8	22	Fri	I.A TEST - I	II	28	22	Mon	✓	I	52	22	Mon			
23	Wed		III	9	23	Sat	I.A TEST - I	III	29	23	Tue		II	53	23	Tue			
24	Thu	✓	IV	10	24	Sun	HOLIDAY			24	Wed		III	54	24	Wed	**University Exam**		
25	Fri	CHRISTMAS			25	Mon	I.A TEST - I	IV	30	25	Thu	✓	IV	55	25	Thu			
26	Sat		V	11	26	Tue	Republic Day			26	Fri		V	56	26	Fri			
27	Sun	HOLIDAY			27	Wed		V	31	27	Sat	✓	I	57	27	Sat			
28	Mon	✓	I	12	28	Thu	✓	I	32	28	Sun	National Science Day	II	58	28	Sun	HOLIDAY		
29	Tue		II	13	29	Fri		II	33						29	Mon			
30	Wed		III	14	30	Sat		III	34						30	Tue			
31	Thu	✓	IV	15	31	Sun	HOLIDAY								31	Wed			

Total Working Days : 68

HOD/MBA

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING

ACADEMIC PLANNER - II Year MBA - ODD Semester - (2020 - 21)

September	Day	DETAILS	DAY ORDER	October	Day	DETAILS	DAY ORDER	November	Day	DETAILS	DAY ORDER	December	Day	DETAILS	DAY ORDER
1	Tue			1	Thu	4	IV	1	Sun	HOLIDAY		1	Tue	53	I
2	Wed			2	Fri	Gandhi Jayanthi		2	Mon	IA TEST - I 28	I	2	Wed	54	II
3	Thu			3	Sat	HOLIDAY 5		3	Tue	29	II	3	Thu	55	III
4	Fri			4	Sun	HOLIDAY 6		4	Wed	30	III	4	Fri	56	IV
5	Sat			5	Mon	7	V	5	Thu	31	IV	5	Sat	57	V
6	Sun			6	Tue	8	I	6	Fri	32	V	6	Sun	HOLIDAY	
7	Mon			7	Wed	9	II	7	Sat	33	I	7	Mon	58	I
8	Tue			8	Thu	10	III	8	Sun	HOLIDAY		8	Tue	59	II
9	Wed			9	Fri	11	IV	9	Mon	34	I	9	Wed	60	III
10	Thu			10	Sat	12	V	10	Tue	35	II	10	Thu	61	IV
11	Fri			11	Sun	HOLIDAY		11	Wed	36	III	11	Fri	62	V
12	Sat			12	Mon	13	I	12	Thu	37	IV	12	Sat	63	I
13	Sun			13	Tue	14	II	13	Fri	38	V	13	Sun	HOLIDAY	
14	Mon			14	Wed	15	III	14	Sat	39	I	14	Mon	64	II
15	Tue			15	Thu	16	IV	15	Sun	HOLIDAY		15	Tue	65	III
16	Wed			16	Fri	17	V	16	Mon	40	I	16	Wed	66	IV
17	Thu			17	Sat	HOLIDAY		17	Tue	41	II	17	Thu	Syllabus Completion67	V
18	Fri			18	Sun	HOLIDAY		18	Wed	IA TEST - II 42	III	18	Fri	MODEL EXAM 68	
19	Sat			19	Mon	IA TEST - I 18	I	19	Thu	IA TEST - II 43	IV	19	Sat	MODEL EXAM 69	I
20	Sun			20	Tue	IA TEST - I 19	II	20	Fri	IA TEST - II 44	V	20	Sun	HOLIDAY	
21	Mon			21	Wed	IA TEST - I 20	III	21	Sat	IA TEST - II 45	I	21	Mon	MODEL EXAM 70	II
22	Tue			22	Thu	IA TEST - I 21	IV	22	Sun	HOLIDAY		22	Tue	MODEL EXAM 71	III
23	Wed			23	Fri	IA TEST - I 22	V	23	Mon	IA TEST - II 46	I	23	Wed	MODEL EXAM 72	IV
24	Thu			24	Sat	HOLIDAY		24	Tue	IA TEST - II 47	II	24	Thu	MODEL EXAM 73	V
25	Fri			25	Sun	Ayudha poojai		25	Wed	IA TEST - II 48	III	25	Fri	CHRISTMAS	
26	Sat	HOLIDAY		26	Mon	Vijayadhasami		26	Thu	IA TEST - II 49	IV	26	Sat	MODEL EXAM 74	II
27	Sun	HOLIDAY		27	Tue	IA TEST - I 23	I	27	Fri	IA TEST - II 50	V	27	Sun	HOLIDAY	
28	Mon	COMMENCEMENT OF II MBA (III SEM) I	I	28	Wed	IA TEST - I 24	II	28	Sat	IA TEST - II 51	I	28	Mon	MODEL EXAM 75	III
29	Tue	2	II	29	Thu	IA TEST - I 25	III	29	Sun	HOLIDAY		29	Tue	MODEL EXAM 76	IV
30	Wed	3	III	30	Fri	IA TEST - I 26	IV	30	Mon	IA TEST - II 52	I	30	Wed	MODEL EXAM 77	V
				31	Sat	IA TEST - I 27	V					31	Thu	MODEL EXAM 78	I

Total Working Days : 78

HOD/MBA

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES

ACADEMIC PLANNER - I Year MBA (II SEMESTER) - EVEN Semester - (May 2021 - August 2021)

May	Day	DETAILS	DAY ORDER	Working Day	June	Day	DETAILS	DAY ORDER	Working Day	July	Day	DETAILS	DAY ORDER	Working Day	August	Day	DETAILS	DAY ORDER	Working Day
1	Sat	MAY DAY - HOLIDAY			1	Tue		V	23	1	Thu	I.A TEST - II	IV	47	1	Sun	HOLIDAY		
2	Sun				2	Wed		I	24	2	Fri	I.A TEST - II	V	48	2	Mon	MODEL EXAM	III	71
3	Mon	CLASS COMMENCES	III	1	3	Thu	I.A TEST - I	II	25	3	Sat	I.A TEST - II	I	49	3	Tue	MODEL EXAM	IV	72
4	Tue		IV	2	4	Fri	I.A TEST - I	III	26	4	Sun	HOLIDAY			4	Wed			
5	Wed		V	3	5	Sat	I.A TEST - I	IV	27	5	Mon	I.A TEST - II	II	50	5	Thu			
6	Thu		I	4	6	Sun	HOLIDAY			6	Tue	I.A TEST - II	III	51	6	Fri			
7	Fri		II	5	7	Mon	I.A TEST - I	V	28	7	Wed	I.A TEST - II	IV	52	7	Sat			
8	Sat		III	6	8	Tue	I.A TEST - I	I	29	8	Thu		V	53	8	Sun	HOLIDAY		
9	Sun	HOLIDAY			9	Wed	I.A TEST - I	II	30	9	Fri		I	54	9	Mon			
10	Mon		IV	7	10	Thu	I.A TEST - I	III	31	10	Sat	HOLIDAY			10	Tue			
11	Tue		V	8	11	Fri		IV	32	11	Sun	HOLIDAY			11	Wed			
12	Wed		I	9	12	Sat	HOLIDAY			12	Mon		II	55	12	Thu			
13	Thu		II	10	13	Sun	HOLIDAY			13	Tue		III	56	13	Fri			
14	Fri	RAMZAN - HOLIDAY			14	Mon		V	33	14	Wed		IV	57	14	Sat			
15	Sat	HOLIDAY			15	Tue		I	34	15	Thu		V	58	15	Sun	HOLIDAY		
16	Sun	HOLIDAY			16	Wed		II	35	16	Fri		I	59	16	Mon			
17	Mon		III	11	17	Thu		III	36	17	Sat		II	60	17	Tue			
18	Tue		IV	12	18	Fri		IV	37	18	Sun	HOLIDAY			18	Wed			
19	Wed		V	13	19	Sat		V	38	19	Mon		III	61	19	Thu			
20	Thu		I	14	20	Sun	HOLIDAY			20	Tue		IV	62	20	Fri			
21	Fri		II	15	21	Mon		I	39	21	Wed	BAKRID - HOLIDAY			21	Sat			
22	Sat		III	16	22	Tue		II	40	22	Thu		V	63	22	Sun	HOLIDAY		
23	Sun	HOLIDAY			23	Wed		III	41	23	Fri		I	64	23	Mon			
24	Mon		IV	17	24	Thu		IV	42	24	Sat	HOLIDAY			24	Tue			
25	Tue		V	18	25	Fri		V	43	25	Sun	HOLIDAY			25	Wed			
26	Wed		I	19	26	Sat	HOLIDAY			26	Mon	Syllabus Completion	II	65	26	Thu			
27	Thu		II	20	27	Sun	HOLIDAY			27	Tue	MODEL EXAM	III	66	27	Fri			
28	Fri		III	21	28	Mon		I	44	28	Wed	MODEL EXAM	IV	67	28	Sat	HOLIDAY		
29	Sat	HOLIDAY			29	Tue		II	45	29	Thu	MODEL EXAM	V	68	29	Sun	HOLIDAY		
30	Sun	HOLIDAY			30	Wed	I.A TEST - II	III	46	30	Fri	MODEL EXAM	I	69	30	Mon			
31	Mon		IV	22						31	Sat	MODEL EXAM	II	70	31	Tue			

Total Working Days : 72

HOD/MBA

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF MANAGEMENT STUDIES

BA 5301 International Business Management

REVIEW OF COURSE FILE 2020-21

S.No.	Details Date:	R-I-* 23/9/20	R-II-# 30/10/20	R-III-$ 04/12/20	R-IV-& 25/12/20	R-V-@ 5/1/21.
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *	✓				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*	✓				
3.	Syllabus signed by staff & HoD*	✓				
4.	Lecture Schedule signed by staff & HoD*	✓				
5.	Course Committee meeting circular and minutes*	✓				
6.	Identification of Curricular gap and Content Beyond the syllabus*	✓				
7.	Previous AU Question papers (at least 5)*	✓				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*	✓				
9.	Unit wise course material *	✓				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry #$&		✓	✓	✓	
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry #$&		✓	✓	✓	
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry #$&		✓	✓	✓	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. #$&		✓	✓	✓	
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers #$&		✓	✓	✓	
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers #$&		✓	✓	✓	
16.	AU Web portal entry sheet #$&		✓	✓	✓	
17.	Very poor performance in first two tests-action taken - communication to parents-evidence. #$		✓	✓		
18.	Absence for two tests-action taken-communication to parents-evidence. #$		✓	✓		
19.	Indiscipline of student reported, if any #$&		✓	✓	✓	
20.	Special class/coaching class/remedial class/attendance-CAP #$&		✓	✓	✓	
21.	Conduct of Seminar, Quizzes - proof #$&		✓	✓	✓	
22.	Content beyond the syllabus – proof #$&		✓	✓	✓	
23.	Course end survey &				✓	
24.	Internal Assessment sheet &				✓	
25.	AU question paper with students feedback @					✓
26.	Discrepancy of the question paper and correspondence, if any @					✓
27.	AU result analysis-Details of arrear students. @					✓
28.	AU grade sheet @					✓
29.	CO – PO & PSO attainment sheet @	—	—	—	—	—
	Signature of Course handling faculty					
	Signature of HoD					

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF MANAGEMENT STUDIES

BA5207-MARKETING MANAGEMENT

REVIEW OF COURSE FILE 2020-21

S.No.	Details Date:	R-I-* 27/9/21	R-II-# 11/6/21	R-III-$ 12/7/21	R-IV-& 23/7/21	R-V-@ 6/8/21
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *	✓				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*	✓				
3.	Syllabus signed by staff & HoD*	✓				
4.	Lecture Schedule signed by staff & HoD*	✓				
5.	Course Committee meeting circular and minutes*	✓				
6.	Identification of Curricular gap and Content Beyond the syllabus*	✓				
7.	Previous AU Question papers (at least 5)*	✓				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*	✓				
9.	Unit wise course material *	✓				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry #S&		✓	✓	✓	
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry #S&		✓	✓	✓	
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry #S&		✓	✓	✓	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. #S&		✓	✓	✓	
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers #S&		✓	✓	✓	
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers #S&		✓	✓	✓	
16.	AU Web portal entry sheet #S&		✓	✓	✓	
17.	Very poor performance in first two tests-action taken - communication to parents-evidence. #S		✓	✓	✓	
18.	Absence for two tests-action taken-communication to parents-evidence. #S		✓	✓	✓	
19.	Indiscipline of student reported, if any #S&		✓	✓	✓	
20.	Special class/coaching class/remedial class/attendance-CAP #S&		✓	✓	✓	
21.	Conduct of Seminar, Quizzes - proof #S&		✓	✓	✓	
22.	Content beyond the syllabus – proof #S&		✓	✓	✓	
23.	Course end survey &				✓	
24.	Internal Assessment sheet &				✓	
25.	AU question paper with students feedback @					✓
26.	Discrepancy of the question paper and correspondence, if any @					✓
27.	AU result analysis-Details of arrear students. @					✓
28.	AU grade sheet @					✓
29.	CO – PO & PSO attainment sheet @	—	—	—	—	—
	Signature of Course handling faculty					
	Signature of HoD					

SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF MANAGEMENT STUDIES

BA5103 Accounting for Management

REVIEW OF COURSE FILE 2020-21

S.No.	Details Date:	R-I-* 7/12/20	R-II-# 29/1/21	R-III-$ 18/2/21	R-IV-& 1/3/21	R-V-@ 15/3/21
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *	✓				
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*	✓				
3.	Syllabus signed by staff & HoD*	✓				
4.	Lecture Schedule signed by staff & HoD*	✓				
5.	Course Committee meeting circular and minutes*	✓				
6.	Identification of Curricular gap and Content Beyond the syllabus*	✓				
7.	Previous AU Question papers (at least 5)*	✓				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*	✓				
9.	Unit wise course material *	✓				
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry #$&		✓	✓	✓	
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry #$&		✓	✓	✓	
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry#$&		✓	✓	✓	
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. #$&		✓	✓	✓	
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers#$&		✓	✓	✓	
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers#$&		✓	✓	✓	
16.	AU Web portal entry sheet#$&		✓	✓	✓	
17.	Very poor performance in first two tests-action taken - communication to parents-evidence.#$		✓	✓	✓	
18.	Absence for two tests-action taken-communication to parents-evidence. #$		✓	✓	✓	
19.	Indiscipline of student reported, if any #$&		✓	✓	✓	
20.	Special class/coaching class/remedial class/attendance-CAP #$&		✓	✓	✓	
21.	Conduct of Seminar, Quizzes - proof#$&		✓	✓	✓	
22.	Content beyond the syllabus – proof #$&		✓	✓	✓	
23.	Course end survey &				✓	
24.	Internal Assessment sheet &				✓	
25.	AU question paper with students feedback @				✓	
26.	Discrepancy of the question paper and correspondence, if any @					✓
27.	AU result analysis-Details of arrear students. @					✓
28.	AU grade sheet @					✓
29.	CO – PO & PSO attainment sheet @					✓
	Signature of Course handling faculty					
	Signature of HoD					

COURSE LOG Sem : I

Branch : MBA

Subject : Legal Aspects of Law / BA5104 (2020-21)

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
15/12/20	I	4	1	Introduction to Law	G+CR
18/12	IV	1	1	Elements of valid contract & Breach of contract.	G+CR
21/12	I	4	1	Negotiable Instrument & Promissory note.	G+CR
24/12	IV	1	1	Bill of exchange & Agency Duties & Liabilities of agents.	G+CR
28/12	I	4	2	Types of companies & classification of company.	G+CR
31/12	IV	1	2	Memorandum of understanding & Article of Association	G+CR
05/01	I	4	2	Prospectus & Power of Directors	G+CR
08/01	IV	1	2	Compulsory winding up by Court. Case study.	G+CR

Branch : MBA

COURSE LOG Sem : I

Subject : Legal Aspects of Law / BA 5104 (2020 -21)

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
11/01	I	4	3	Factories Act & Health Measures	GICR
25/01	I	4	3	Safety & Welfare measures Payment of wages Act.	GICR
01/02	IV	1	3	Payment of Bonus Act & case study.	GICR
03/02	I	4	3	Industrial Dispute Act & Strikes and Lockouts.	GICR
08/02	IV	1	4	Corporate tax planning authorities under IT Act.	GICR
19/02	IV	1	4	GST & Case study	
22/02	I	4	4	Practical Implications of GST	GICR
25/02	IV	1	5	Consumer Protection Act	GICR
27/02	I	4	5	Cyber Law & IT Act 2000	GICR
03/03	IV	1	5	e-governance.	GICR.

COURSE LOG Sem : II

Branch : MBA

Subject : BA5203. FINANCIAL MANAGEMENT (2020-21)

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
3.5.21	3	2		Introduction to Financial Management	
4.5.21	4	1		Concepts in Financial Management	
7.5.21	2	4		" " " " "	
8.5.21	3	2		Functions of Financial Management	
10.5.21	4	1		Objectives of Financial Management	
13.5.21	2	4		Concepts of return and risk.	
17.5.21	3	2		Problems in return and risk.	
18.5.23	4	1		" " " "	
21.5.21	2	4		Time Value of Money	
22.5.21	3	2		Problems in Time Value of Money	
24.5.21	4	1		" " " "	
27.5.21	2	4		Introduction to Capital Budgeting.	
28.5.21	3	2		Techniques of Capital Budgeting.	
31.5.21	4	1		Problems in Capital Budgeting.	
3.6.21	2	4		" " " " "	
4.6.21	3	2		" " " " "	
5.6.21	4	1		Internal Assessment Test - I.	
9.6.21	2	4		Case Study in Capital Budgeting	
10.6.21	3	2		" " " " "	
11.6.21	4	1		Introduction to Cost of Capital	
16.6.21	2	4		Problems in Cost of Capital.	
17.6.21	3	2		" " " " "	
18.6.21	4	1		" " " " "	
22.6.21	2	4		" " " " "	
23.6.21	3	2		Leverage - Introduction and types	
24.6.21	4	1		Problems in leverage	
28.6.21	1	2		" " "	
30.6.21	3	1		EBIT-EPS Analysis	
		2		Problems in EBIT-EPS Analysis	
1.7.21	4	4		" " " "	
6.7.21	3	4		" " " "	

Branch: MBA

COURSE LOG Sem II

Subject: BA5203. FINANCIAL MANAGEMENT. (2020-21)

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
9.7.21	1	3		Introduction to Capital Structure	
10.7.21	1	1		Internal Assessment Test - II	
		2		Theories of Capital Structure	
12.7.21	2	4		Problems in Capital Structure.	
13.7.21	3	2		" " " "	
14.7.21	4	1		Introduction to dividend policy	
17.7.21	5	1		Problems in dividend policy	
19.7.21	2	4		" " " "	
20.7.21	3	2		" " " "	
21.7.21	4	1		Introduction to working capital	
23.7.21	1	1		Problems in working capital estimation.	
24.7.21	2	2		" " " "	

COURSE LOG

Branch : MBA Sem : III

Subject : BA5009 (Corporate finance) 2020-21

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
1/10	IV	4	I	Introduction to corporate finance	
5/10	V	2		Problems of industrial finance	
7/10	II	4		Intro. to capital markets	
19/10	V	2		capital & Money markets	
14/10	II	4		Primary market its features	
19/10	V	2		Rights issue	
21/10	II	4		secondary market	
27/10	V	2		sources from international market	
29/10	II	4		sources of finance	
3/11	V	2		Financing of exports	
7/11	II	4		sources of long term finance	
16/11	V	2	II	short term sources of finance	
19/11	II	4		"	
24/11	V	2		Public deposit & commercial Paper	
26/11	II	4		Inter corporate investments	
30/11	V	2		Sources of risk in cash flow	
3/12	II	4	III	Capital budgeting	
9/12	V	4		Problems in DCF	
11/12	II	4		Risk adjusted discount rate	
15/12	V	2		Sensitivity Analysis	
17/12	II	4	IV	Simulation	
20/12	V	2		Decision tree analysis	
23/12	II	4		Investment decisions	
29/12	V	2		Financing "	
30/12	II	4	V	Corporate governance	
31/12	V	2		CSR	
01/01	II	4		SEBI guidelines	
05/01	V	2		Dividend decisions	
07/01	II	4		cash insolvency	
08/01	V	2		Options	

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF MANAGEMENT STUDIES

Assignment – 01			Date of Issue:	03.02.2021	Marks	20
Course code	BA5107	Course Title	Total Quality Management			
Year	I	Semester/Section	I	Date of Submission:	18.02.2021	

Q.No	Questions	CO	PO	PSO
1	List out some companies which are known for offering world-class quality products and services. Comment on the culture and practices adopted by them with regards to quality.	C402.3	1,2,3	1,2
2	Give a real-life example of the role played by a 'quality manager' in an organisation by doing a secondary research on job profile of quality manager.	C402.3	1,2,3	1,2

Name and Signature of the Faculty In charge

HoD/MBA

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF MANAGEMENT STUDIES

Assignment – 01						
Course code	BA5301	Course Title	Date of Issue:	04.09.2020	Marks	20
Year	II	Semester/Section	International Business Management III		Date of Submission:	18.09.2020

Q.No	Questions	CO	PO	PSO
1	Comment on the competitive advantage of India in international trade in manufacturing and services sector. Give examples.	C402.3	1,2,3	1,2
2	Engineering projects have faltered in recent times. Narrate some instances of failures and also state the causes of such failures.	C402.3	1,2,3	1,2

Name and Signature of the Faculty In charge

HoD/MBA

COURSE LOG

Branch: MBA

Sem: II

Subject: DABM (LAB)

(2020 - 2021)

Date	Day Order	Period	Particulars of Portions Covered	Remarks
4/5/21	IV	3	CGPA Calculation.	
			Payroll using Excel	
10/5/21	IV	3	Mark statement, Rank,	
			EMI, forecasting,	
18/5/21	IV	3	CHI TEST, HISTOGRAM.	
24/5/21	IV	3	Assignment Model using	
			SPSS.	
			Transportation Model	
			using Excel	
31/5/21	IV	3	V look up, Regression,	
			T-test.	
11/6/21	IV	3	Risk & Return Analysis.	
18/6/21	IV	3	NPV, IRR & cluster	
			Sampling using Excel	
24/6/21	IV	3	CFS, FV, PV using Excel	
			FOR & EPS.	
14/7/21	IV	3	Frequency, Central Tendency,	
			correlation, T, test, Chi-Square	
			using SPSS	
20/7/21	IV	3	Regression, Correlation, T-test	
			using Excel & SPSS.	
			LPP, Factor and cluster analysis	
			One-way & Two way Anova.	
3/8/21	IV	3	Model lab.	

⑤

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 02/03/2021

Ref : SCE/Syllabus/ Theory/2020-21 - ODD SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Legal Aspects of Business , code BA5104 for I year, I semester, department of MBA ~~B.E/B.Tech~~/MBA during the academic year 2020 – 21, ODD Semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 18 periods, revised syllabus for 2 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature : S Syed Muthaliff

Name : S. Syed Muthaliff

Designation : Assistant Professor

Department : MBA

Date : 02/03/21

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 06.08.2021

Ref : SCE/Syllabus/ Theory/2020-21 - Even sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject FINANCIAL MANAGEMENT code BA5203 for I year, II semester, department of Mgt. Studies B.E/B.Tech/MBA during the academic year 2020 – 21, even semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 43 periods, revised syllabus for 2 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature : Chandrahouli

Name : B.S. CHANDRA MOULI

Designation : PROFESSOR

Department : MANAGEMENT STUDIES.

Date : 06.08.2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 08/01/2021

Ref : SCE/Syllabus/ Theory/2020-21 - ODD SEM

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Corporate Finance, code BA5009 for II year, III semester, department of _____ B.E/B.Tech/MBA during the academic year 2020 – 21, ODD Semester.

In this regard, I confirm , that I have taught all the topics mentioned in the syllabus, and took lectures for 30 periods, revised syllabus for 3 periods and discussed the Anna University Examination question papers of the last 2 years.

Signature :

Name : Dr. V. Mahalakshmi

Designation : Asst. Prof

Department : M.B.A

Date : 08/01/2021

Signature of HoD :

Principal :

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 5/8/2021

Ref : SCE/Syllabus/Laboratory/2020-21- Even sem

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the next page, have been actually performed by the students as part of the prescribed course work by Anna University (mention details). In cases where the experiments could not be conducted, the same has been listed separately with reasons.

I confirm that the experiments were done by me in the beginning of this semester, and the readings were recorded.

I confirm that the students submitted the laboratory record of the experiments performed by them, and that I have also corrected them every week and awarded appropriate marks. I also confirm that the completed laboratory record was submitted by each student.

Signature :

Name : Dr V. Mahalakshmi

Designation : Asst. Prof

Department : M.B.A

Signature :

Name Dr. : Dr. R. Murali

Designation : Asst. Prof

Signature of HoD :

Principal :

Note: List of the students who have not got bonafide, if any, to be enclosed.

SARANATHAN COLLEGE OF ENGINEERING

(Affiliated to Anna University Chennai)
Panjappur, Tiruchirapalli-620 012

DEPARTMENT OF MANAGEMENT STUDIES

Date: 18-02-2021

Ref No: SCE/MBA/2020-2021/ODD Sem./Faculty feedback – reg.

Students' feedback about teachers regarding the efficacy of their teaching styles is collected every semester. The various parameters based on which the students assess the faculty are preparation of the faculty for the classes, subject knowledge and clarity of the faculty, impartiality and fairness of the faculty, student-faculty interaction, valuable/extra information given the faculty, enthusiasm for teaching, display of care and concern, punctuality in evaluation of assignments and test papers, steady completion of syllabus, ability to speak loudly and clearly etc. The total composite faculty feedback score is 100 and it is the summation of faculty scores on the specified parameters.

Based on individual staff feedback reports, it was found that the feedback score of 74.14% obtained by Prof. K. Arun Prasad who handled Total Quality Management for first year MBA students was the lowest score.

The message was personally communicated by HOD to Prof. K. Arun Prasad and HOD sought to know if the faculty had encountered any problems in handling the subject for the MBA students. The HOD suggested that the subject which is conceptual in nature be made more interesting to students. Its appeal will be enhanced if it is taught in a more lively manner with real-time examples and also it was recommended by the HOD that an interactive approach to teaching be adopted such that students are made to give their views and ideas.

HOD/MBA

18.02.2021

Tiruchirapalli