



INDEX

CRITERION – 1.1.1

TABLE OF CONTENTS

S.No.	Department	Page No.
1	Civil Engineering	1-16
2	Computer Science and Engineering	17-77
3	Electronics and Communication Engineering	78-100
4	Electrical and Electronics Engineering	101-124
5	Instrumentation and Control Engineering	125-148
6	Information Technology	149-174
7	Mechanical Engineering	175-205
8	Master in Business Administration	206-232
9	Science & Humanities	233-252

JUNE 19	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS		
01	SAT		01	MON		01	TUE		01	TUE		01	TUE		01	FRI		
02	SUN	Holiday	02	TUE		02	WED		02	WED		02	WED		02	SAT		
03	MON		03	WED		03	THU		03	THU		03	FRI		03	SUN		
04	TUE		04	THU		04	FRI		04	FRI		04	MON		04	MON		
05	WED	Environment Day & Ramzan	05	FRI		05	TUE		05	TUE		05	TUE		05	TUE		
06	THU		06	SAT		06	WED		06	WED		06	WED		06	WED		
07	FRI		07	SUN		07	THU		07	THU		07	THU		07	THU		
08	SAT		08	MON		08	TUE		08	TUE		08	FRI		08	FRI		
09	SUN	Holiday	09	TUE		09	WED		09	WED		09	SAT		09	SAT		
10	MON		10	WED	Guest Lecture (III & IV yr.)	10	THU		10	THU		10	SUN		10	SUN		
11	TUE		11	THU		11	FRI		11	FRI		11	MON		11	MON		
12	WED		12	FRI		12	TUE		12	TUE		12	TUE		12	TUE		
13	THU		13	SAT	Inauguration of Civil Association	13	SUN		13	SUN		13	WED		13	WED		
14	FRI		14	SUN		14	WED		14	WED		14	THU		14	THU		
15	SAT		15	MON		15	TUE		15	TUE		15	FRI		15	FRI		
16	SUN	Holiday	16	TUE		16	WED		16	WED		16	SAT		16	SAT		
17	MON		17	WED	IA test 1	17	THU		17	THU		17	SUN		17	SUN		
18	TUE	FDP	18	THU	IA test 1	18	FRI		18	FRI		18	MON		18	MON		
19	WED	FDP	19	FRI	IA test 1	19	MON		19	MON		19	TUE		19	TUE		
20	THU	III, V, VII sem classes commences	20	SAT	IA test 1	20	TUE		20	TUE		20	WED		20	WED		
21	FRI		21	SUN	Holiday	21	WED		21	WED		21	THU		21	THU		
22	SAT		22	MON	IA test 1	22	THU		22	THU		22	FRI		22	FRI		
23	SUN	Holiday	23	TUE	IA test 1	23	FRI		23	FRI		23	SAT		23	SAT		
24	MON		24	WED	CCM-II yr.	24	SAT		24	SAT		24	SUN		24	SUN		
25	TUE		25	THU	CCM-III yr.	25	SUN		25	SUN		25	MON		25	MON		
26	WED		26	FRI	CCM-IV yr.	26	MON		26	MON		26	TUE		26	TUE		
27	THU		27	SAT	Holiday	27	TUE		27	TUE		27	WED		27	WED		
28	FRI		28	SUN	Holiday	28	WED		28	WED		28	THU		28	THU		
29	SAT	Holiday	29	MON	Feedback (CSE,Civil,ICE)	29	THU		29	THU		29	FRI		29	FRI		
30	SUN	Holiday	30	TUE	Industrial Visit-IV yr- IMTL, Trichy.	30	FRI		30	MON		30	SAT		30	SAT		
31	WED		31	WED		31	SAT		31	THU		31	THU		31	THU		
No. of Working days													7				21	0

GI - Guest Lecture CCM-Class Committee Meeting HoD/Civil



SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Civil Engineering
WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2019 -2020(ODD SEMESTER)

4/7/2019

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr. G. Dhanalakshmi Prof.	Prestressed Concrete Structures	CE6702	IV / VII	THEORY	5	8
		Design Project	CE6712	IV / VII	LAB	3	
2	Mr. S. Vijayabaskaran Asst. Prof.	Strength of Materials I	CE8301	II / III	THEORY	5	16
		Foundation Engineering	CE8591	III / V	THEORY	5	
		Soil Mechanics Laboratory	CE8511	III / V	LAB	6	
3	Mr. A. Anandraj Asst. Prof.	Water Resources and Irrigation Engineering	CE6703	IV / VII	THEORY	5	19
		Fluid Mechanics	CE8302	II / III	THEORY	5	
		Construction Materials Laboratory	CE8311	II / III	LAB	6	
		Computer Aided Design and Drafting Laboratory	CE6711	IV / VII	LAB	3	
4	Mrs. A. Sagaya Bastina Asst. Prof.	Design of Reinforced Cement Concrete Elements	CE8501	III / V	THEORY	6	20
		Structural Dynamics and Earthquake Engineering	CE6701	IV / VII	THEORY	5	
		Soil Mechanics Laboratory	CE8511	III / V	LAB	6	
		Computer Aided Design and Drafting Laboratory	CE6711	IV / VII	LAB	3	
5	Ms. P. Vaishali Asst. Prof.	Construction Materials	CE8391	II / III	THEORY	4	19
		Structural Analysis - I	CE8502	III / V	THEORY	5	
		Computer Aided Design and Drafting Laboratory	CE6711	IV / VII	LAB	6	
		Design of Reinforced Cement Concrete Elements	CE8501	III / V	Tutorial	1	
		Construction Materials Laboratory	CE8311	II / III	LAB	3	
6	Ms. C. Nivedhitha Asst. Prof.	Municipal Solid Waste Management	EN6501	IV / VII	THEORY	5	19
		Water Supply Engineering	EN8491	III / V	THEORY	5	
		Water and Waste Water Analysis Laboratory	CE8512	III / V	LAB	6	
		Design Project	CE6712	IV / VII	LAB	3	
7	Mr. G. Venkatesan Asst. Prof.	Estimation and Quantity Surveying	CE6704	IV / VII	THEORY	5	19
		Surveying	CE8351	II / III	THEORY	5	
		Surveying Laboratory	CE8361	II / III	LAB	6	
		Design Project	CE6712	IV / VII	LAB	3	
8	Ms. S. Kokila Asst. Prof.	Engineering Geology	CE8392	II / III	THEORY	5	19
		Advanced Surveying	GI8013	III / V	THEORY	5	
		Design Project	CE6712	IV / VII	LAB	3	
		Surveying Laboratory	CE8361	II / III	LAB	6	
9	Ms. R. Nandhini Asst. Prof.	Environment and Agriculture	OAI551	III / V	THEORY	4	18
		Housing Planning and Management	CE6007	IV / VII	THEORY	5	
		Construction Materials Laboratory	CE8311	II / III	LAB	3	
		Water and Waste Water Analysis Laboratory	CE8512	III / V	LAB	6	
							157
Timetable Coordinator		HoD/Civil			Principal		

GE8013 - Advanced Surveying

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012.
Department of Civil Engineering

Sl.No.	2019-2020 ODD	Submitted	Not Submitted
1	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy	✓	
2	Syllabus signed by staff & HoD	✓	
3	Lecture Schedule signed by staff & HoD(should coincide with log book)	✓	
4	Course Committee meeting circular and minutes (only with members of Civil)	NA	
5	Previous AU Question papers (at least 5)	NA	
6	Unit wise Q&A and Objective type questions-20 questions in each unit with answers	✓	
7	Unit wise course material along with content beyond syllabus	✓	
8	IA test Q Paper with Key, sample answer papers (at least 3)	✓	
9	IA Test- Performance analysis	✓	
10	Makeup Test -Q paper-Attendance-marks - sample answer papers	✓	
11	Special class/coaching class/remedial class/attendance	✓	
12	Conduct of Seminar, Quizzes	NA	
13	Course end survey	✓	
14	Internal Assessment sheet	✓	
15	AU question paper with students feedback	✓	
	Signature of Faculty	✓	
	Signature of NBA coordinator	✓	
	Signature of HOD	✓	



SARANATHAN COLLEGE OF ENGINEERING

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

DEPARTMENT OF CIVIL ENGINEERING

(Accredited by NBA)

Lecture Schedule

Degree/Program: B.E / Civil
Duration: July 2019 -Oct 2019

Course code &Name: EN8491 – Water Supply Engineering
Semester: V Section: A Faculty : C.Nivedhitha

AIM

To equip the students with the principles and design of water treatment units and distribution system.

OBJECTIVES

- To educate the sources of water and methods of water withdrawal from the sources.
- To introduce the characteristics of water.
- To impart knowledge on water treatment.
- To educate the materials for carrying water.
- To impart knowledge on distribution of water.

PRE-REQUISITE: Environmental Science and Engineering, Mathematics.

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

Course	Course Outcome	POs	PSOs
C303.1	Students will have an insight into the structure of drinking water supply systems	1,2,3,4,6,7,8,9,11,12	2
C303.2	Students will have an understanding of water quality criteria and standards, and their relation to public health	1,3,6,7,8,9	1,2
C303.3	Students will have an insight into the structure of water transport, treatment and distribution	1,2,3,4,5,6,7,8,12	1,2
C303.4	Students will have an ability to design the various functional units in water treatment	1,2,3,4,6,7,12	1,2
C303.5	Students will have the ability to design and evaluate water supply project alternatives on basis of chosen criteria	1,2,3,4,6,7,12	1,2
C303.6	Students will have the knowledge in various unit operations and processes in water treatment	1,2,3,5,6,7,12	1,2

S.No	Date Planned	Period Number	Topics to be Covered	Book No [Page No]	Date Actual
UNIT I: SOURCES OF WATER					
Target Periods : 9					
1	21.6.19	8	Public water supply system – Planning, Objectives	1 (1-6)	21.6.19
2	22.6.19	7	Design period, Population forecasting	1 (21-27)	22.6.19
3	25.6.19	1	Water demand	1 (7-18)	25.6.19
4	26.6.19	8	Sources of water and their characteristics, Surface and Groundwater	3(32-50)	26.6.19
5	2.7.19	2	Impounding Reservoir	1(65-70)	2.7.19
6	3.7.19	1	Development and selection of source	1(178-193)	3.7.19
7	5.7.19	1	Water quality – Characterization – Significance	3 (173 – 180)	3.7.19 & 5.7.19
8	8.7.19	7	Water quality – Characterization – Significance	3 (180 – 192)	8.7.19
9	9.7.19	2	Drinking Water quality standards.	1(368-370)	9.7.19
UNIT II: CONVEYANCE FROM THE SOURCE					
Target Periods : 9					
10	10.7.19	1	Water supply - intake structures	1 (199-205)	10.7.19
11	15.7.19	2	Water supply - intake structures	1(205-210)	15.7.19
12	15.7.19	5	Pipes and conduits for water - Selection of pipe	3 (473-485)	15.7.19

			materials & Pipe materials		
13	16.7.19	1	Hydraulics of flow in pipes	1 (220-223)	16.7.19
14	17.7.19	8	Hydraulics of flow in pipes	1 (244-264)	18.7.19
15	18.7.19	7	Transmission main design	1 (224-244)	22.7.19
16	22.7.19	3	Laying, jointing and testing of pipes	1 (285-289)	17.7.19
17	31.7.19	7	appurtenances	1 (279-285)	31.7.19
18	2.8.19	2	Types and capacity of pumps & Selection of pumps	1 (289-310), 3(427-452)	2.8.19
Assignment 1			Date of Announcement : 26.7.19 Date of Submission : 5.8.19		
			IA Test-I		
UNIT III: WATER TREATMENT					
Target Periods : 9					
19	24.7.19	7	Objectives – Unit operations and processes	3(213-215)	24.7.19
20	26.7.19	7	Principles, functions, and design of water treatment plant units	3(215-218)	25.7.19
21	30.7.19	6	Aerators of flash mixers	3 (225-228)	30.7.19
22	6.8.19	1	Coagulation and flocculation	3(266-282)	7.8.19
23	7.8.19	7	Clarifloccuator- Residue Management – Construction, Operation and Maintenance aspects.	3(283-285)	6.8.19
24	17.8.19	5	Plate and tube settlers - Residue Management – Construction, Operation and Maintenance aspects.	1(402-403)	17.8.19
25	22.8.19	6	Pulsator clarifier - Residue Management – Construction, Operation and Maintenance aspects.	3(286-287)	22.8.19
26	10.8.19	1	Sand filters - Residue Management – Construction, Operation and Maintenance aspects.	3(311-329)	10.8.19
27	14.8.19	7	Disinfection- Residue Management – Construction, Operation and Maintenance aspects.	3(363-393)	14.8.19
UNIT IV: ADVANCED WATER TREATMENT					
Target Periods : 9					
28	26.8.19	2	Water softening	3(394-407)	26.8.19
29	29.8.19	8	Desalination - Construction and Operation & Maintenance aspects	3(419-428)	27.8.19
30	28.8.19	8	R.O. Plant & RO Reject Management	1(533-536)	28.8.19
31	29.8.19	8	Deminalization - Construction and Operation & Maintenance aspects	3(408-409)	29.8.19
32	30.8.19	7	Defluoridation - Construction and Operation & Maintenance aspects	1(539-547)	12.9.19
33	31.8.19	2	Adsorption	1(957-958)	31.8.19
34	3.9.19	1	Ion exchange & Membrane Systems	1(531-536)	3.9.19
35	10.9.19	8	Iron and Manganese removal	1(537-539)	10.9.19
36	13.9.19	7	Recent advances - MBR process	Material	13.9.19
Assignment - 2			Date of Announcement : 31.8.19 Date of Submission : 11.9.19		
			IA Test-II		
UNIT V: WATER DISTRIBUTION AND SUPPLY					
Target Periods : 9					
37	17.9.19	8	Requirements of water distribution – Components & Selection of pipe material	3(504-506)	17.9.19
38	18.9.19	7	Service reservoirs – Functions	3(508-511)	18.9.19
39	19.9.19	7	Network design	3(552-555)	19.9.19
40	23.9.19	1	Analysis of distribution networks	3(558-562)	23.9.19
41	25.9.19	8	Computer applications	Material	25.9.19
42	26.9.19	7	Appurtenances – Leak detection	1(636-639)	26.9.19
43	27.9.19	7	Principles of design of water supply in buildings	1 (626-630)	27.9.19
44	28.9.19	1	House service connection – Fixtures and fittings	1(646-648)	28.9.19
45	20.9.19	2	Systems of plumbing and types of plumbing.	1(648-655)	20.9.19
46	28.9.19	1	Content Beyond syllabus – EPANET		28.9.19
Assignment - 3			Date of Announcement : 20.9.19 Date of Submission : 30.9.19		
			IA Test-III		

Books: Text/Reference

S. No	Title of the Book	Author	Publisher	Year
1	Environmental Engineering, Vol.I	Garg, S. K.	Khanna Publishers	2010
2	Water Supply Engineering, Vol.I	Modi, P.N.	Standard Book House	2010
3	Water Supply Engineering	Punmia, B.C., Ashok Jain and Arun Jain	Laxmi Publications	2014
4	Water Works Engineering Planning, Design and Operation	Syed R. Qasim and Edward M. Motley Guang Zhu	Prentice Hall of India Learning Private Limited	2009

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C303.1	3	2	2	1	-	2	3	2	1	-	1	1	-	2
C303.2	2	-	1	-	-	3	3	2	1	-	-	-	1	2
C303.3	3	2	2	1	3	3	3	2	-	-	-	-	1	2
C303.4	3	2	3	1	-	1	1	-	-	-	-	1	2	2
C303.5	3	2	2	1	-	1	1	-	-	-	-	1	2	2
C303.6	3	1	1	-	2	1	1	-	-	-	-	2	2	2
C303	3	1	2	-	3	2	1	-	-	1	2	1	2	2

Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO / Unit
EPANET	PO10 (1) Vacant Filled	C303.3/ V

WEB REFERENCE:

www.nptel.ac.in/courses/105105201/

[Signature]

Faculty Incharge

[Signature]

HoD/Civil



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

DEPARTMENT OF CIVIL ENGINEERING

Assignment - 01			Date of Issue:	20.02.2019	Marks	10
Course code	CE 8401	Course Title	Construction Techniques and Practices			
Year	II	Semester/Section	IV / A	Date of Submission:	27.02.2019	

Q.No.	Questions	CO	PO	PSO
1	Discuss in detail about the various types of bridges with suitable diagrams.	C211.4	1,2,3	1,2
2	List out various types of cranes and explain any four with neat sketches.	C211.4	1,2,3	1,2
3	Suggest a suitable construction technique that can be used in cantilever construction of multi span bridges and explain it with neat sketches.	C211.4	1,2,3	1,2
4	Explain in detail about erection of articulated structures.	C211.4	1,2,3	1,2


20/2/19

Name and Signature of the Faculty Incharge

(A. ANANDRAJ)



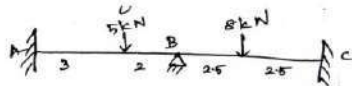
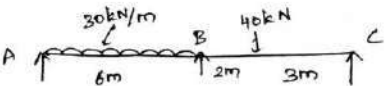
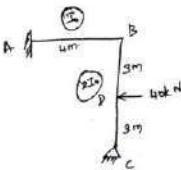
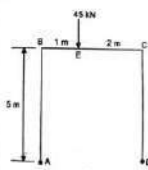
HoD / Civil Engineering




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

DEPARTMENT OF CIVIL ENGINEERING

Tutorial – 01		Date of Issue:	01.08.2019	Marks	10
Course code	CE6501	Course Title	Structural Analysis - I		
Year	III	Semester/Section	V / A	Date of Submission:	08.08.2019

Q.No	Questions	CO	PO	PSO
1	Analyse the continuous beam loaded by strain energy method. 	C302.1	1,2,3	1,2
2	Analyse the continuous beam loaded by strain energy method and determine the reactions. 	C302.1	1,2,3	1,2
3	Analyse the structure shown by Strain Energy method and sketch the BMD. 	C302.1	1,2,3	1,2
4	The simple portal frame is loaded asymmetrically. Analyse the structure shown by Strain Energy method and sketch the BMD. 	C302.1	1,2,3	1,2

VAISHALI P


Name and Signature of the Faculty Incharge



HoD / Civil Engineering

Academic Year 2019-2020 (ODD)

COURSE LOG

Branch: CIVIL ENGINEERING

Subject: CE 6711 / COMPUTER AIDED DESIGN AND DRAWING

Date	Day Order	Period	Particulars of Portions Covered	Remarks
24/6/20/19	IV	2,3,4	Design & Drawing of RCC	Batch-I
25/6,3/7	V	2,3,4	Cantilever retaining wall	Batch-II
9/7,15/7	IV	2,3,4	Design & Drawing of RCC	Batch-I
10/7,16/7	V	2,3,4	counter fort retaining wall	Batch-II
26/7,2/8	IV	2,3,4	Design & Drawing of Solid Slab	Batch-I
29/7,5/8	V	2,3,4	Bridges	Batch-II
9/8,17/8	IV	2,3,4	Design & Drawing of Rectangular	Batch-I
10/8,19/8	V	2,3,4	Water Tanks	Batch-II
26/8	IV	2,3,4	Design & Drawing of Rectangular	Batch-I
27/8	V	2,3,4	Water Tanks	Batch-II
31/8	IV	2,3,4	Design & Drawing of RCC	Batch-I
3/9	V	2,3,4	Tee Beam Bridges	Batch-II
7/9	IV	2,3,4	Design & Drawing of	Batch-I
9/9	V	2,3,4	Plate Girder Bridge	Batch-II
16/9	IV	2,3,4	Design & Drawing of Truss	Batch-I
17/9	V	2,3,4	Girder Bridge	Batch-II
23/9	IV	2,3,4	Design & Drawing of	Batch-I
24/9	V	2,3,4	Hemispherical Bottomed steel tank	Batch-II



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.



Date: 18/3/2019

Ref: SCE/Syllabus/ Theory/2018-19 - Even sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject DESIGN OF STEEL STRUCTURES , code CE 6603 for III Year, VI Semester, department of Civil Engg . B.E/B-Tech/MBA during the academic year 2018 – 19, even semester.

In this regard, I confirm, that I have taught all the topics mentioned in the syllabus, and took lectures for 57 Periods, revised syllabus for 12 Periods and discussed the Anna University Examination question papers of the last 4 years.

Signature : G. Dhanalakshmi, 18/3/19.
Name : Dr. G. DHANALAKSHMI
Designation : Professor. of Mech.
Department : CIVIL ENGINEERING.
Date : 18/3/19.

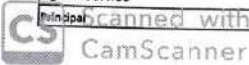
Signature of HoD : G. Dhanalakshmi, 18/3/19

Principal : [Signature]

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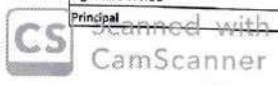
Saranathan College of Engineering
 QAC - Audit Report
 Academic Year: 2018-19

Year/ Sem/Sec	III / VI	Subject Code	Name of faculty	Sem: ODD / EVEN												Pass %	
				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
CE 6604.	A. A. Chandrag.	IA Test	63	60	3	16	73.2	63	59	4	14	79	63	62	1	10	83.87%
		Make up Test	19	16	3	10	37.5	6	5	1	14	38	11	10	1	9	10%
		Remarks	Students are not unaware about content writing approach. Students are in lack of interest and they have been motivated to do well. Students are finding difficult in answering full theory questions.														
CE 6605	C. N. V. Reddy	IA Test	63	60	3	35	40.3	63	59	03	26	55.9	63	62	1	31	50%
		Make up Test	38	29	9	17	31.6	29	21	08	12	42.8	32	25	8	1	75.8
		Remarks	Lack of time management & preparation. Lack of practice in solving problem. Confusion with questions.														
CE 6601.	P. KARTHIGA BALAN.	IA Test	63	59	4	24	55.5	63	60	03	11	77.7	63	62	1	6	88.8%
		Make up Test	28	22	6	16	21.42	14	3	01	9	57	6	5	1	1	-0%
		Remarks	Students did not follow design steps & procedure. Steps in design to be followed and consider mistakes. Follow correct design steps and problem in their conversion.														
Signature of QAC members with name			1. H. K. Reddy 2. G. S. Reddy				H. K. Reddy G. S. Reddy				1. H. K. Reddy G. S. Reddy						
Signature of HOD																	
Principal																	



Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Year/ Sem/Sec	II / VI	Sem: ODD / EVEN																
Subject Code	Name of faculty		Test I					Test II					Test III				Dept	C.VIL
			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		
CE 6602	Dr. G. Dhannalakshmi	IA Test	63	59	4	22	61	63	59	04	23	61	63	62	1	25	57%	7. Pass
		Make up Test	26	24	2	14	60	25	21	04	13	36	25	20	5	14	30%	
		Remarks	First Unit - More Portion. (3 diff. category topics) Change for Contin. Review to practice more times.					Problem based Subject. Encouraged to practice more times (more formulas).					Unit Contents are wrong. Procedure correct. & Numerical calculation mistakes were.					
CE 6602	G. Venkatesan	IA Test	63	60	2	35	41.7	63	59	04	12	39.6	63	68	1	8	1/ pass 87%	
		Make up Test	38	28	10	08	71.4	16	13	03	04	69.2	9	7	2	5	28.8%	
		Remarks	answer content is not enough upto pass grade					-					not sufficient content in answer paper					
CE 6602	P. Vai shali	IA Test	63	59	4	38	85.5	63	60	2	16	73.3	63	64	2	16	1/ pass 75.4	
		Make up Test	42	38	4	23	89.4	18	16	2	9	63.3	18	13	5	11	15.88.	
		Remarks	QUESTION paper was set though students felt it as lengthy to give more practice					Student performance has improved - easy chapter & ease of assignment.										
Signature of QAC members with name		1. H. Subramanian 2. A. Srinivasan					1. A. Srinivasan A. Gopikrishnan					1. H. Subramanian M. Murali						
Signature of HOD																		
Principal																		





SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	CIVIL
Academic Year	
2019 – 2020 / ODD	

Course End Survey – Entry Details

Course Code & Title	: OA1551	Environment and Agriculture		
NBA Course Code	: C306	Faculty Name	R. Nandhini	
Year	: III	Semester: V	No. of Entry	: 68

Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Perio
207001	OA1551	1	2	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207003	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207004	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207005	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207006	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207007	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207008	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207009	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207010	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207011	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207012	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207015	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207014	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207016	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207013	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207017	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207019	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207020	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207021	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207022	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207023	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207024	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207025	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207026	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207027	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207028	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207029	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207030	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207031	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207032	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207034	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207035	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE

207036	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207037	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207038	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207039	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207040	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207041	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207042	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207043	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207044	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207045	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207046	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207047	OA1551	1	2	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207048	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207049	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207051	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207050	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207053	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207054	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207055	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207056	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207057	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207058	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207069	OA1551	1	2	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207064	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207072	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207061	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207062	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207067	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207074	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207070	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207063	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207060	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207059	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207068	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207065	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
207075	OA1551	1	1	1	1	1	1	06-11-2019	CIVIL	5	A	19-20 ODE
%		36.51	38.41	47.81	42.61	44.01	37.41					



**SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI - 12**

**DEPARTMENT OF CIVIL ENGINEERING
Faculty FeedBack Report of CIVIL Department during MAR/APR-2019**

S.no	Weightage	Staffcode	Branch /Sem	No. of students 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 100
						15	15	8	12	12	12	4	6	8	8	100
1		vjayabaskaran-cc	CIVIL-A/2	51	CE8292/Engineering Mechanics	11.41	11	5.46	8.24	8.75	9.13	2.71	4.59	6.21	6.02	73.53
2		anandraj-cc	CIVIL-A/4	57	CE8401/Construction Techniques And Practices	12.68	12.74	6.62	10.23	10.27	10.11	3.33	5.03	6.76	6.88	84.66
3		karthigaibalan-cc	CIVIL-A/4	57	CE8402/Strength Of Materials II	13.05	13.21	6.82	9.89	10.15	10.44	3.42	5.2	6.96	6.85	86
4		sagayabastina-cc	CIVIL-A/4	57	CE8403/Applied Hydraulic Engineering	11.05	10.89	5.47	8.51	8.25	8.59	2.81	4.19	5.81	5.7	71.27
5		vijayabaskaran-cc	CIVIL-A/4	57	CE8404/Concrete Technology	12.74	12.95	6.12	9.39	10.32	9.73	3.07	5.03	6.82	6.79	82.95
6		venkatesan-cc	CIVIL-A/4	57	CE8491/Soil Mechanics	7.84	7.42	4.04	5.89	5.81	6.02	2.08	3.52	4.32	4.46	51.41
7		venkatesan-cc	CIVIL-A/6	55	CE6602/Concrete Technology	10.25	9.87	5.32	7.72	7.94	7.9	2.66	4.15	5.67	5.88	67.37
8		karthigaibalan-cc	CIVIL-A/6	55	CE6601/Design Of Reinforced Concrete And Brick Masonary Structures	13.09	13.36	6.92	9.64	9.91	10.08	3.37	5.24	6.89	6.78	85.29
9		vaishali-cc	CIVIL-A/6	55	CE6602/Structural Analysis-II	11.89	11.29	6.25	9.47	8.55	9.08	3.21	4.76	6.4	5.91	76.81
10		dhanalakshmi-cc	CIVIL-A/6	55	CE6603/Design Of Steel Structures	12.49	12.71	5.88	9.21	9.51	9.34	3.13	4.87	6.31	6.43	79.87
11		anandraj-cc	CIVIL-A/6	55	CE6604/Railways Airports And Harbour Engineering	12.65	12.44	6.11	9.77	10.21	10.04	3.19	4.89	6.6	6.95	82.85
12		invedhitha-cc	CIVIL-A/6	55	CE6605/Environmental Engineering II	7.25	7.15	4.01	5.54	5.06	6.11	1.86	3.12	3.99	4.07	48.17



**SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI - 12**

**DEPARTMENT OF CIVIL ENGINEERING
HoD Counselling and Remarks for Student Feedback Report during MAR/APR-2019**

S.No	Staffcode	Branch /Sem	No. of students participated	Subject Code /Title	1	2	3	4	5	6	7	8	9	10	Total Out of 100
					Does the faculty come Prepared for the Classes ?	Subject Knowledge and Clarity of the Faculty	Impartiality and Fairness to Students ?	Interaction with Students by the faculty	Valuable/ Extra Information given during the Lectures by the faculty	Enthusiasm for Subject ?	Showing Concern and Care for Students?	Punctuality in Evaluation of Exam Papers/ Assignments ?	Whether Syllabus for IA Tests/ University Examination Completed steadily?	Ability to Speak Loudly and Clearly	
1	venkatesan	CIVIL- A/4	57	CE8491/Soil Mechanics	15	15	8	12	12	12	4	6	8	8	100
	ce				7.84	7.42	4.04	5.89	5.81	6.02	2.08	3.52	4.32	4.46	51.41
2	venkatesan	CIVIL- A/6	55	CE6002/Concrete Technology	10.25	9.87	5.32	7.72	7.94	7.9	2.66	4.15	5.67	5.88	67.37
	ce														
3	niveditha	CIVIL- A/6	55	CE6605/ Environmental Engineering II	7.25	7.15	4.01	5.54	5.06	6.11	1.86	3.12	3.99	4.07	48.17
	ce														

Counselling provided by HoD and Minutes of the Meeting:

1. Faculty members were advised to provide additional information to the students apart from classes.
2. IA test portions must be completed well in advance before the tests and revision should be given.
3. Faculty members should show more concern towards the students.
4. Make the class hours more interactive.

HoD / Civil

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12
Academic Planner for ODD semester(2019-20) - II,III & IV YEAR UG CSE

JUNE'19	DAY	DETAILS	DAY order	working days	JULY'19	DAY	DETAILS	DAY order	working days	AUG'19	DAY	DETAILS	DAY order	working days	SEP'19	DAY	DETAILS	DAY order	working days	OCT'19	DAY	DETAILS	DAY order	working days	NOV'19	DAY	DETAILS	
01	SAT				01	MON		III	8	01	THU		III	33	01	SUN	Holiday Vinayagar Chathurthi	III	33	01	TUE	Model exam			01	FRI		
02	SUN	Holiday			02	TUE		IV	9	02	FRI		IV	34	02	MON		IV	34	02	WED	Gandhi Jayanthi			02	SAT		
03	MON	infy TQ Training			03	WED		V	10	03	SAT	Holiday			03	TUE		V	55	03	THU	Model exam			03	SUN		
04	TUE	infy TQ Training			04	THU		I	11	04	SUN	Holiday			04	WED		I	56	04	FRI				04	MON		
05	WED	Environmental day & Ramzan			05	FRI		II	12	05	MON	Infosys webinar "ABCD of New IT foundations"	V	35	05	THU	Teachers day	II	57	05	SAT	Model exam			05	TUE		
06	THU	infy TQ Training			06	SAT	Holiday			06	TUE	..	I	36	06	FRI		III	58	06	SUN	Holiday			06	WED	Univ. theory exam commences	
07	FRI	infy TQ Training			07	SUN	Holiday			07	WED	..	II	37	07	SAT		IV	59	07	MON	Ayutha poojai			07	THU		
08	SAT				08	MON		III	13	08	THU	..	III	38	08	SUN	Holiday			08	TUE	VijayaDasami			08	FRI		
09	SUN	Holiday			09	TUE	InfyTQ webinar	IV	14	09	FRI	..	IV	39	09	MON	Holiday			09	WED	Model exam			09	SAT		
10	MON	Salesforce Training			10	WED		V	15	10	SAT	..	V	40	10	TUE	Moharam			10	THU	Model exam			10	SUN		
11	TUE	Salesforce Training			11	THU		I	16	11	SUN	Holiday			11	WED		V	60	11	FRI				11	MON		
12	WED	Salesforce Training/FDP machine learning			12	FRI		II	17	12	MON	International youth day & Bakrid			12	THU		I	61	12	SAT	Model exam			12	TUE		
13	THU	..			13	SAT		III	18	13	TUE	Infosys webinar "ABCD of New IT foundations"	I	41	13	FRI	Project day	II	62	13	SUN	Holiday			13	WED		
14	FRI	Salesforce Training			14	SUN	Holiday			14	WED	..	II	42	14	SAT	Project day	III	63	14	MON				14	THU		
15	SAT				15	MON		IV	19	15	THU	Avani Avitam & Independence Day			15	SUN	Engineers day			15	TUE				15	FRI		
16	SUN	Holiday			16	TUE		V	20	16	FRI	IA test 2	III	43	16	MON		IV	64	16	WED				16	SAT		
17	MON				17	WED	IA test 1	I	21	17	SAT	IA test 2	IV	44	17	TUE		V	65	17	THU				17	SUN		
18	TUE				18	THU	IA test 1	II	22	18	SUN	Holiday			18	WED		I	66	18	FRI				18	MON		
19	WED				19	FRI	IA test 1	III	23	19	MON	IA test 2	V	45	19	THU		II	67	19	SAT				19	TUE		
20	THU	III,V,VII sem classes commences	I	1	20	SAT	IA test 1	IV	24	20	TUE	IA test 2	I	46	20	FRI		III	68	20	SUN				20	WED		
21	FRI		II	2	21	SUN	Holiday			21	WED	IA test 2	II	47	21	SAT	Holiday			21	MON	Univ. Practical Exam commences				21	THU	
22	SAT		III	3	22	MON	IA test 1	V	25	22	THU	IA test 2	III	48	22	SUN	Holiday			22	TUE				22	FRI		
23	SUN	Holiday			23	TUE	IA test 1	I	26	23	FRI	Gokulashtami			23	MON	Feedback (ECE, IT)	IV	69	23	WED				23	SAT		
24	MON		IV	4	24	WED		II	27	24	SAT	Holiday			24	TUE	Feedback (Mech,EEE)	V	70	24	THU				24	SUN		
25	TUE		V	5	25	THU	Seminar on "Software Testing and Agile"	III	28	25	SUN	Holiday			25	WED	Feedback (CSE,Civil,ICE)	I	71	25	FRI				25	MON		
26	WED		I	6	26	FRI		IV	29	26	MON		IV	49	26	THU	Lab record work completion	II	72	26	SAT				26	TUE		
27	THU		II	7	27	SAT	Holiday			27	TUE		V	50	27	FRI	completion synabus revision	III	73	27	SUN	Holiday(Deepavali)				27	WED	
28	FRI	Staff tour			28	SUN	Holiday			28	WED		I	51	28	SAT		IV	74	28	MON				28	THU		
29	SAT	Holiday			29	MON	Feedback (CSE,Civil,ICE)	V	30	29	THU		II	52	29	SUN	Holiday			29	TUE					29	FRI	
30	SUN	Holiday			30	TUE	Feedback (ECE, IT)	I	31	30	FRI		III	53	30	MON	Feedback syllabus revision	V	75	30	WED					30	SAT	
					31	WED	Feedback (Mech,EEE)	II	32	31	SAT		IV	54						31	THU							
No. of Working days				7					25					22					21					0				
Total No. of working days for the semester :										75																		



SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Computer Science and Engineering
WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2018 -19(EVEN)



S.NO	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	TOTAL HOURS	HOURS
1	Dr.S.A.Sahaaya Arul Mary, Prof	Software Engineering	CS8494	II/IV	THEORY	5	5
2	Dr.S.Mohana, Asso Prof	Mobile Computing	IT6601	III/VI	THEORY	4	17
		Design and Analysis of Algorithms	CS8451	II /IV	THEORY	5	
		Mobile Application Development Lab	CS6611	III/VI	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	2	
3	Dr.PL.Raja rajeswari ,Asso Prof	Database Management Systems	CS8492	II/IV	THEORY	5	17
		Human Computer Interaction	CS6008	IV/VIII	THEORY	5	
		Database Management Systems Lab	CS8481	II/IV	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	1	
4	Mr.S.Venkatasubramanian , Asso Prof	C# .Net Programming(Elective-I)	CS6001	III/VI	THEORY	5	17
		Computer Networks (ECE)	CS6551	III/VI	THEORY	5	
		Computer Networks Lab (ECE)	EC6611	III/VI	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	1	
5	Mr.K.S.Chandrasekaran, Asso Prof	C# .Net Programming(Elective-I)	CS6001	III/VI	THEORY	5	17
		MultiCoreArchitecture&Programming	CS6801	IV/VIII	THEORY	5	
		Database Management Systems Lab (Asst)	CS8481	II/IV	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	1	
6	Ms.R.Senthamil Selvi, Asst Prof	Compiler Design	CS6660	III/VI	THEORY	5	17
		Design and Analysis of Algorithms	CS8451	II/IV	THEORY	5	
		Compiler Laboratory	CS6612	III/VI	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	1	
7	Mr.T.SathisKumar , Asst Prof	Computer Architecture	CS8491	II/IV	THEORY	4	18
		Artificial Intelligence	CS6659	III/VI	THEORY	4	
		Operating Systems Laboratory (Asst)	CS8461	II/IV	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	4	
8	Mr.Boobala Muralidharan,Asst Prof	Distributed Systems	CS6601	III/VI	THEORY	4	19
		Software Project Management	MG6088	IV/VIII	THEORY	5	
		Mobile Application Development Lab (Asst)	CS6611	III/VI	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	4	
9	Mr.R.Karthik, Asst Prof	Database Management Systems	CS8492	II/IV	THEORY	5	17
		MultiCoreArchitecture&Programming	CS6801	IV/VIII	THEORY	5	
		Database Management Systems Lab	CS8481	II/IV	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	1	
10	Ms.N.Kavitha, Asst Prof	Operating Systems	CS8493	II/IV	THEORY	5	19
		Operating Systems Laboratory	CS8461	II/IV	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	8	
11	Mr.M.Anbazhagan, Asst Prof	Programming in C	CS8251	I/II	THEORY	6	19
		C Programming Laboratory	CS8261	I/II	LAB	6	
		Training & Placement		III/IV	T&P	2	
		Project Work	CS6811	IV/VIII	PROJECT	5	
12	Ms.K.Mohanapriya, Asst Prof	Operating Systems	CS8493	II/IV	THEORY	5	19
		Operating Systems Laboratory	CS8461	II/IV	LAB	6	
		Compiler Laboratory (Asst)	CS6612	III/VI	LAB	6	
		Training & Placement		III/VI	T&P	2	
13	Ms.R.Sharanya, Asst Prof	Distributed Systems	CS6601	III/VI	THEORY	4	19
		Programming in C	CS8251	I/II	THEORY	6	
		C Programming Laboratory	CS8261	I/II	LAB	3	
		Project Work	CS6811	IV/VIII	PROJECT	6	

S.NO	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	TOTAL HOURS	HOURS
14	Ms.J.Sathiaparkavi, Asst Prof	Computer Architecture	CS8491	II/IV	THEORY	4	21
		Software Project Management	MG6088	IV/VIII	THEORY	5	
		Operating Systems Laboratory (Asst)	CS8461	II/IV	LAB	6	
		Training & Placement		III/VI	T&P	6	
15	Mr.A.T.Barani Vijaykumar, Asst Prof	Computer Networks (ECE)	CS6551	III/VI	THEORY	5	19
		Computer Networks Lab (ECE)	EC6611	III/VI	LAB	6	
		Mobile Application Development Lab (Asst)	CS6611	III/VI	LAB	6	
		Training & Placement		III/VI	T&P	2	
16	Mr.R.Mohan Kumar, Asst Prof	Compiler Design	CS6660	III/VI	THEORY	5	19
		Compiler Laboratory	CS6612	III/VI	LAB	6	
		Database Management Systems Lab (Asst)	CS8481	II/IV	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	2	
17	Mr.P.Dinesh Kumar, Asst Prof	Mobile Computing	IT6601	III/VI	THEORY	4	19
		Mobile Application Development Lab	CS6611	III/VI	LAB	6	
		Computer Networks Lab (ECE) (Asst)	EC6611	III/VI	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	3	
18	Ms.Lavanya Bai, Asst Prof	Software Engineering	CS8494	II/IV	THEORY	5	20
		Artificial Intelligence	CS6659	III/VI	THEORY	4	
		Compiler Laboratory (Asst)	CS6612	III/VI	LAB	3	
		Training & Placement		III/VI	T&P	4	
		Project Work	CS6811	IV/VIII	PROJECT	4	
19	Ms.N.Saipraba, Asst Prof	Human Computer Interaction	CS6008	IV/VIII	THEORY	5	21
		C Programming Laboratory	CS8261	I/II	LAB	3	
		Compiler Laboratory (Asst)	CS6612	III/VI	LAB	3	
		Computer Networks Lab (ECE) (Asst)	EC6611	III/VI	LAB	6	
		Project Work	CS6811	IV/VIII	PROJECT	4	

 28/12/18
Timetable Coordinator

 28/12/18
HoD/CSE

 28/12/18
Principal



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
REVIEW OF COURSE FILE

CS8391-DATA STRUCTURES(ACADEMIC YEAR(2019-2020 ODD))

S.No.	Details	Review
		Date: 11-11-2019
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy ¹	Verified
2.	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities ¹	Verified
3.	Syllabus signed by staff & HoD ¹	Verified
4.	Lecture Schedule signed by staff & HoD ¹	Verified
5.	Course Committee meeting circular and minutes ¹	Verified
6.	Identification of Curricular gap and Content Beyond the syllabus ¹	Verified
7.	Previous AU Question papers (at least 5) ¹	Verified
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers ¹	Verified
9.	Unit wise course material ¹	Verified
10.	Assignment question paper with sample answer sheets (at least 3) and mark entry ²³⁴	Verified
11.	Tutorial question paper with key (minimum 3 Tutorials per unit, 15 Tutorials per course) and mark entry ²³⁴	Verified
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry ²³⁴	Verified
13.	IA Test- Performance analysis-CAP-evidence-root cause analysis. ²³⁴	Verified
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers ²³⁴	Verified
15.	Remedial Test–Q paper-Attendance-marks - sample answer papers ²³⁴	Verified
16.	AU Web portal entry sheet ²³⁴	Verified
17.	Very poor performance in first two tests-action taken - communication to parents-evidence. ²³	Verified
18.	Absence for two tests-action taken-communication to parents-evidence. ²³	Verified
19.	Indiscipline of student reported, if any ²³⁴	Verified
20.	Special class/coaching class/remedial class/attendance-CAP ²³⁴	Verified
21.	Conduct of Seminar, Quizzes - proof ²³⁴	Verified
22.	Content beyond the syllabus – proof ²³⁴	Verified
23.	Course end survey ⁴	Verified
24.	Internal Assessment sheet ⁴	Verified
25.	AU question paper with students feedback ⁵	Verified
26.	Discrepancy of the question paper and correspondence, if any ⁵	Verified
27.	AU result analysis-Details of arrear students. ⁵	Verified
28.	AU grade sheet ⁵	Verified
29.	CO – PO & PSO attainment sheet ⁵	Verified
	Signature of Course handling faculty	<i>[Signature]</i> 11/11/19
	Signature of HoD	<i>[Signature]</i> 11/11/19

[Signature]
11/11/2019



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Lecture Schedule

Degree/Program: **B.E / CSE**

Duration: **Dec 2017 -Apr 2018**

Course code &Name: **MG6088 –Software Project Management**

Semester: **VIII** Section: **A** Faculty : **J.SathiaParkavi**

AIM

To introduce the students the need for software project management.

OBJECTIVES

To outline the need for Software Project Management

To highlight different techniques for software cost estimation and activity planning.

PRE-REQUISITE: Software Engineering

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

Course	Course Outcome	POs	PSOs
C410-E51.1	Understand the importance project management and stepwise planning in development of project	1,2,3,4,9,10	1,2,3
C410-E51.2	Analyze between various models and technologies used during project development	1,2,3,4,9,10	1,2,3
C410-E51.3	Able to apply various techniques for estimating cost of a project	1,2,3,4,9,10	1,2,3
C410-E51.4	Ability to implement activity planning models and analyzing software risks by risk management strategies.	1,2,3,4,9,10	1,2,3
C410-E51.5	Understand how to monitor and manage the change in cost and configuration of project	1,2,3,4,9,10	1,2,3
C410-E51.6	Ability to manage people in an organization.	1,2,3,4,9,10	1,2,3

S.No	Date Planned	Period Number	Topics to be Covered	Book No [Page No]	Date Actual
UNIT I PROJECT EVALUATION AND PROJECT PLANNING					
Target Periods : 9					
1	14.12.2017	5	Importance of Software Project Management	TB-1;Ch 1.1 Pg 2	14.12.2017
2	15.12.2017	1	Activities Methodologies	TB-1; Ch 1.6Pg 5-8	15.12.2017
3	18.12.2017	6	Categorization of Software Projects	TB-1; Ch 1.8Pg 9	15.12.2017
4	19.12.2017	1	Setting objectives	TB-1; Ch 1.10Pg 11	18.12.2017
5	20.12.2017	5	Management Principles & Management Control	TB-1; Ch1.13,1.14 Pg 15,16	20.12.2017
6	21.12.2017	1,6	Cost-benefit evaluation technology	TB-1;Ch 2.5 Pg 28	21.12.2017
8	22.12.2017	1	Project portfolio Management	TB-1; Ch 2.3Pg 24	22.12.2017
9	26.12.2017	1	Risk evaluation	TB-1; Ch 2.6Pg 34	26.12.2017
10	27.12.2017	5	Strategic program Management	TB-1; Ch 2.9 Pg 40	27.12.2017
11	28.12.2017 & 29.12.2017	1,2	Stepwise Project Planning.	TB-1; Ch 3(3.1-3.12)Pg 47-67	28.12.2017 & 29.12.2017

UNIT II PROJECT LIFE CYCLE AND EFFORT ESTIMATION					
Target periods:9					
12	2.1.2018	1	Software process and Process Models- Choice of Process models	TB-1; Ch 4.4-4.5; Pg 71-75	25.1.2018
13	3.1.2018	5	Waterfall and Spiral model	TB-1; Ch 4.7,4.8 Pg 76-79	29.1.2018
14	4.1.2018	1	Incremental Delivery	TB-1; Ch 4.11 Pg 82-85	30.1.2018
15	5.1.2018	2	Rapid Application development	TB-1; Ch 4.13 Pg 87	31.1.2018
16	6.1.2018	1	Agile methods- Extreme Programming -- SCRUM	TB-1; Ch 4.14-4.17 Pg 88-92	2.2.2018
17	7.1.2018	1	Managing interactive processes	TB-1;Ch 4.17 Pg 93	3.2.2018
18	8.1.2018	1	Basics of Software estimation	TB-1; Ch 5.4 Pg 108	4.2.2018
19	9.1.2018	1,5	Effort and Cost estimation techniques	TB-1; Ch 5.5 Pg 108	5.2.2018
20	17.1.2018	1	COSMIC Full function points-COCOMO II- A Parametric Productivity Model	TB-1; Ch 5.12-5.13 Pg 112-113	6.2.2018
21	18.1.2018	2	COCOMO II A Parametric Productivity Model	TB-1;Ch 5.13 Pg 113	6.2.2018
22	19.1.2018	5	Staffing Pattern	TB-1;Ch 5.15 Pg 118	6.2.2018
<i>Assignment 1</i> <i>Date of Announcement : 18.1.2018</i> <i>Date of Submission : 22.1.2018</i>					
<i>IA Test-I</i>					
UNIT III: ACTIVITY PLANNING AND RISK MANAGEMENT Target Periods : 9					
23	22.1.2018	1	Objectives of Activity planning	TB-1; Ch 6.2 Pg 130	7.2.2018
24	23.1.2018	1	Project schedules -Activities	TB-1; Ch 6.4 Pg 131	8.2.2018
25	24.1.2018	5	Sequencing and scheduling	TB-1; Ch 6.6 Pg 138	9.2.2018
26	25.1.2018	1	Network Planning models	TB-1; Ch 6.7-6.11 Pg 139-146	12.2.2018
27	29.1.2018	2	Forward Pass & Backward Pass techniques		
28	30.1.2018	1	Critical path (CPM) method – (AoA) network	TB-1; Ch 6.12 Pg 148	19.2.2018
29	31.1.2018	5	Activity on Node network	TB-1; Ch 6.12 Pg 150	21.2.2018
30	1.2.2018	1,2	Risk-Risk identification – Assessment – Monitoring	TB-1; Ch 7.1-7.7 Pg 162-168	22.2.2018 & 23.2.2018
31	2.2.2018	1,5	PERT technique	TB-1; Ch 7.10 ,7.11 Pg 176-182	26.2.2018 & 27.2.2018
32	5.2.2018	1,6	Critical Chain concepts	TB-1; Ch 7.10 ,7.11 Pg 184-190	28.2.2018
33	6.2.2018	2	Monte Carlo simulation	TB-1; Ch 7.10 ,7.11 Pg 176-182	1.3.2018
34	7.2.2018	1,5	Resource Allocation & Resource Scheduling	TB-1;Ch 8 .1-8.4 Pg 192-197	5.3.2018 & 6.3.2018
35	8.2.2018	1	Creation of critical patterns – Cost schedules	TB-1;Ch 8.5,8.9 Pg 201,204	7.3.2018

UNIT IV: PROJECT MANAGEMENT AND CONTROL Target Periods : 9					
36	9.2.2018	2	Framework for Management and control	TB-1;Ch 9.2 Pg 202	8.3.2018
37	12.2.2018	5	Collection of data Project termination	TB-1;Ch 9.3 - 9.5,Pg 205- 210	12.3.2018
38	13.2.2018	1	Visualizing progress	TB-1;Ch 9.6; Pg 212-215	13.3.2018
39	19.2.2018	6	Cost Monitoring	TB-1;Ch 9.7; Pg 215-216	
40	20.2.2018	2	Prioritizing monitoring	TB-1;Ch 9.9; Pg 221	14.3.2018
41	21.2.2018	1	Earned Value Analysis	TB-1;Ch 9.8,Pg 216	16.3.2018
42	22.2.2018	1	Change control & Software Configuration Management	TB-1;Ch 9.9- 9.12,Pg 224- 226	19.3.2018
43	23.2.2018	2	Configuration Management Process	TB-1;Ch 9.9,Pg 229	20.3.2018
44	26.2.2018		Managing contracts – Contract Management	TB-1;Ch 10&10.5 Pg 236- 247&250-252	
Assignment - 2 Date of Announcement : 12.2.2018 Date of Submission : 19.2.2018 IA Test-II					
UNIT V: STAFFING IN SOFTWARE PROJECTS Target Periods : 9					
45	27.2.2018	1	Organizational behavior – Best methods of staff selection	TB-1; Ch 11.3,11.4 Pg 252,255	22.3.2018
46	28.2.2018	5	Motivation(Maslow Hierarchy of needs, Herzberg's 2 factor theory, Theory of motivation)	TB-1; Ch 11.5 Pg 255- 258	23.3.2018
47	1.3.2018	1	Stress	TB-1; Ch 11.8 Pg 259	2.4.2018
48	2.3.2018	5	The Oldham-Hackman job characteristic model	TB-1; Ch 11.7 Pg 258	3.4.2018
49	5.3.2018	1,6	Ethical and Programmed concerns	TB-1; Ch 11.10Pg 267- 269	4.4.2018
50	6.3.2018 & 7.3.2018	2	Working in teams	TB-1; Ch 12,Pg 271- 273	5.4.2018
51	8.3.2018	1	Decision making	TB-1; Ch 12.3,12.4 Pg 276,281	7.4.2018
52	9.3.2018		Organization and Team Structures		
53	12.3.2018	5	Communications genres, Virtual teams	TB-1; Ch 12.6,12.7,12. 8; Pg 284-288	9.4.2018
54	13.3.2018	1,6	Communication plans- Quality Assurance	TB-1; Ch 12.6,12.7,12. 8; Pg 280-286	10.4.2018
IA Test-III					

TEXTBOOK:

1. Bob Hughes, Mike Cotterell and Rajib Mall: Software Project Management – Fifth Edition, Tata McGraw Hill, New Delhi, 2012.

REFERENCES:

1. Robert K. Wysocki “Effective Software Project Management” – Wiley Publication, 2011.
2. Walker Royce: “Software Project Management”- Addison-Wesley, 1998.
3. Gopaldaswamy Ramesh, “Managing Global Software Projects” – McGraw Hill Education (India), Fourteenth Reprint 2013.

Books: Text/Reference

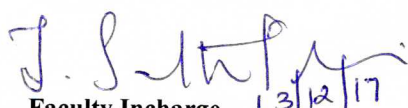
S. No	Title of the Book	Author	Publisher	Year
1	Software Project Management	Bob Hughes, Mike Cotterell , Rajib Mall	Tata McGraw Hill	2012.
2	Effective Software Project Management	Robert K. Wysocki	Wiley Publication,	2011
3	Software Project Management	Walker Royce	Addison-Wesley	1998
4	Managing Global Software Projects	Gopalaswamy Ramesh	McGraw Hill Education	2013


Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C410-E51.1	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.2	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.3	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.4	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.5	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.6	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2

Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO / Unit
Albercht function point analysis	PO2 (1) vacant filled	C410-E51.2/II

WEB REFERENCE:

www.nptel.iitm.ac.in


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Books: Text/Reference

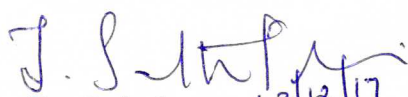
S. No	Title of the Book	Author	Publisher	Year
1	Software Project Management	Bob Hughes, Mike Cotterell , Rajib Mall	Tata McGraw Hill	2012.
2	Effective Software Project Management	Robert K. Wysocki	Wiley Publication,	2011
3	Software Project Management	Walker Royce	Addison-Wesley	1998
4	Managing Global Software Projects	Gopaldaswamy Ramesh	McGraw Hill Education	2013


Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C410-E51.1	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.2	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.3	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.4	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.5	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51.6	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2
C410-E51	3	2	2	2	-	-	-	-	2	2	-	-	3	2	2

Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO / Unit
Albercht function point analysis	PO2 (1) vacant filled	C410-E51.2/II

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REPORT OF ASSIGNMENT SUBMISSION

Academic Year: 2018-2019

Date: 22.01.2019

Assignment – 01		Date of Issue:	03.01.2019	Marks	10
Course code	CS6659	Course Title	Artificial Intelligence		
Year	III	Semester/Section	VI / A & B	Date of Submission:	21.01.2019

Q.No	Questions	CO	PO	PSO
1	Perform the PEAS Analysis for various Intelligent Agents	C310.1	1-4	1,2,3
2	Write the rules for converting first order clauses to CNF and give examples	C310.2	1-4	1,2,3

1. Mr.T.Sathis Kumar (III A)

T. Sathis Kumar
22/1/19

2. Ms.R.Lavanya Bai (III B)

R. Lavanya Bai
22/1/19

Name and Signature of the Faculty Incharge

R. Lavanya Bai
22/1/19
HoD/CSE



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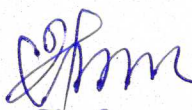
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


18.09.2018

TUTORIAL PLAN

Tutorial – 03		Date of Issue		25.09.2018	Marks	30
Course code	CS6501	Course Title	INTERNET PROGRAMMING			
Year	III	Seme/Sec	V / A & B	Date of Submission	03.10.2018	

Q.No	Questions	CO	PO	PSO
1	Use Javascript and HTML to create a page with two panes. The first pane (on the left) should have a text area where HTML code can typed by the user. The pane on the right side should display the preview of the HTML code typed by the user, as it would be seen on the browser.	C302.2	1,2,3,5	2,3
2	Let consider a database contains a table called “EMPLOYEE” with two columns “EMPID” and “EMPNAME”. Assume that the administrator user id and password to access the database are “SCOTT” and “TIGER”. Write a JDBC program that can query and print all the entries in the table Employee.	C302.4	1,2,3,5	2,3
3	Design an XML Document to store information about a student in your college. The information must include Name, College Name, Branch, Year of Joining, and Email-ID. Create a CSS Style sheet and use it to display the document on the browser.	C302.6	1,2,3	2,3


 18/9/2018 *[M. ANBARAZHAGAN]*
Name and Signature *[J. SATHIA PARKAVI]*
of the Faculty In-charges


 18/9/18
HoD/CSE



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Lab Plan

Date : 26.09.2018

Degree/Program: **B.E / CSE** Course code &Name: **CS8382 – Digital Systems Laboratory**
 Duration: **July 2018 -Oct 2018** 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 combinatorial and sequential logic circuits, such as, adders, subtractors, comparator, multiplexer/demultiplexer, encoders/decoders, 7-segment display and decoder, flip-flop, 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 Number	List Of Experiments	Date Actual
1	03.07.2018	04.07.2018	3	Study of Basic Gates	04.07.2018
2	10.07.2018	11.07.2018	3	Verification of Boolean Theorems using Basic Gates	11.07.2018
3	17.07.2018	17.07.2018	3	Design and Implementation of Arbitrary Function using Logic Gates	17.07.2018
4	26.07.2018	26.07.2018	3	Design and Implementation of Code Converters using logic Gates	26.07.2018
5	26.07.2018	26.07.2018	3	Design and implementation of Half/Full Adder & Subtractor	26.07.2018
6	02.08.2018	02.08.2018	3	Design and implementation of 4 Bit Binary Adder/Subtractor	02.08.2018
7	20.08.2018	20.08.2018	3	Parity Checker / Generator	20.08.2018
8	20.08.2018	20.08.2018	3	Magnitude Comparator	20.08.2018
9	20.08.2018	20.08.2018	3	Application using Multiplexer	20.08.2018

10	05.09.2018	05.09.2018	3	Implementation of Shift Registers	05.09.2018
11	12.09.2018	12.09.2018	3	Design and Implementation of Synchronous Counters	12.09.2018
12	12.09.2018	12.09.2018	3	Design and Implementation of Asynchronous Counters	12.09.2018
13	19.09.2018	19.09.2018	3	Design and Combinational Circuits using Verilog HDL	19.09.2018
14	19.09.2018	19.09.2018	3	Design and Sequential Circuits using Verilog HDL	19.09.2018

A. Jayaram
26/9/18
Faculty Incharge

S. Lakshmi
26/9/18
HoD/CSE.



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.


Date: 29/10/2019

Ref : SCE/Syllabus/ Theory/2019-20-Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject DATA STRUCTURES ,code CS 6391 for II-'B' year, III semester, department of CSE B.E/B-Tech/MBA during the academic year 2019 – 20, odd semester.

In this regard, I confirm, that I have taught all the topics mentioned in the syllabus, and took lectures for 65 periods, revised syllabus for 12 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : 
Name : DR. P. L. RAJARAJESWARI
Designation : ASSOCIATE PROFESSOR
Department : CSE
Date : 29/10/19

Signature of HoD : 

Principal : 



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 29/10/19

Ref : SCE/Syllabus/Laboratory/2019-20-Odd sem/

STATEMENT FOR LABORATORY EXPERIMENT COMPLETION

I hereby affirm that all the experiments listed in the syllabus, 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.


CS8381 - DATA STRUCTURES LAB

Signature :  Signature :

Name : DR. PL. RAJARAJESWARI Name :

Designation : ASSOCIATE PROFESSOR Designation :

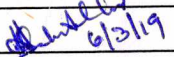

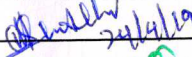

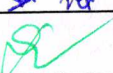

Department : CSE

Signature of HoD : 

Principal : 

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

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2018-19

Year/ Sem/Sec		Sem: ODD/ EVEN															
I/II/A		Dept CSE															
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 Technical English	Ms. M. Bhuvanavari	IA Test	60	60	NIL	11	81%	60	60	0	8	86.6%	59	58	01	11	84.2
		Make up Test	11	10	01	07	30%	8	7	1	4	42	12	10	02	03	30
		Remarks	Students didn't perform well					Lack of preparation by the students					-				
MA8851 Engineering Mathematics-II	Ms. V. Akilandeswari	IA Test	60	60	NIL	19	68.3%	60	60	0	28	53	60	59	01	24	58%
		Make up Test	19	19	NIL	8	58%	28	24	4	16	29	25	25	00	20	20%
		Remarks	Students need writing practise which is lagging.					Students need to concentrate more on analytic parts					Students were given tests and assignments & were advised to avoid careless mistakes.				
PH8252 Physics for Information Science	Ms. P. Santhya/Kumar	IA Test	60	59	01	37	36.6%	60	59	1	27	53.3	60	58	2	18	69
		Make up Test	38	39	NIL	22	42.1%	28	26	2	17	32.4	20	19	1	7	63
		Remarks	Students not prepared well. Derivation part got confusion.					Students not prepared well. Part A questions well and also III unit is very hard fully theory so not prepared well.					-				
Signature of QAC members with name		P. Saravana Sarav 28/3/19					R. Radha 28/3/19					1. A. Sanyal (A. Sanyal Basu) 2. P. Anand [P. ANAND, AP] 28/3/19 3. G. Lakshmi (G. SAKHAR KUMAR, AP (CSE)) 28/3/19					
Signature of HOD																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2018-19

Year/ Sem/Sec		I II / A		Sem: ODD/ EVEN																		
				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 %
BE8055 Basic Electrical & Measurement		Mr. M. Mageshwarar		IA Test	60	60	NIL	25	58%	60	59	1	27	53.3	60	59	01	08	85			
				Make up Test	25	21	04	02	76%	28	18	10	15	10	09	08	01	05	33			
				Remarks	Unit I is having problems. Hence due to careless mistake.					Postponed as Vert. asked to prepare well for University Exam					Asked to students to study well							
GE8291 Environmental Science and Engineering		Dr. S. Rajarega		IA Test	60	60	NIL	28	53%	60	59	1	39	33.3	60	59	01	30	49.15%			
				Make up Test	28	27	01	21	21%	40	38	2	20	45	31	29	02	13	55.17%			
				Remarks	Part-B answers were not written in detail.					Lack of preparation by the students					Part-A - not done well.							
CS8051 Programming in C		Mr. M. Anbazhagan		IA Test	60	60	NIL	16	73.3%	60	59	1	17	70	60	59	01	11	80			
				Make up Test	16	14	02	03	81%	18	16	2	07	50	12	08	04	03	41.7			
				Remarks	-					Some students are having trouble in understanding the program - attemp					questions based on files and linked list are not properly attended							
Signature of QAC members with name				P. Saravana Devi 5/3/19					R. Radana 20/3/19					1. X. Anand (X. Sogaya Bastia) 2. P. Anand (P. ANAND, AP) 3. T. Anand (T. SATHISH KUMAR, AP/CSE)								
Signature of HOD																						
Principal																						

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2018-19

Sem: ODD/ EVEN

Dept

CSE

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 %
HS8851 Technical English	MS. S. Sandra	IA Test	58	58	NIL	7	89%	58	57	01	4	91	57	57	NIL	7	88	
		Make up Test	07	07	NIL	3	57%	5	2	3	1	80	7	5	2	2	60	
		Remarks	Students didn't perform well.					Lack concentration by in students preparation					-					
MA8251 Engineering Mathematics - II	Dr. S. Anupriya	IA Test	59	59	NIL	17	71.2	58	56	2	22	58.6	57	57	00	20	64.91	
		Make up Test	17	17	NIL	15	17.6	24	18	6	14	17	20	18	02	15	16.67	
		Remarks	Less concentration in part-A questions					Less concentration in part-B questions					-					
PH8851 Physics for Information Science	Mrs. K. Kaathikayan	IA Test	58	57	01	26	54.3	58	57	1	27	51.7	57	55	2	14	75	
		Make up Test	27	25	02	20	20	28	22	6	18	14.28	16	12	4	7	42	
		Remarks	Students did not prepare well for the exam					Students did not concentrate and prepare well.					-					
Signature of QAC members with name		P. Saravane 20/3/19					R. Radma 20/3/19					1. A. Anand (A. Anandya Basthi) 2. P. Anand (P. ANAND, AP (E)) 3. S. Anand (S. ANAND KUMAR, AP (CSE))						
Signature of HOD		[Signature]					[Signature]					[Signature]						
Principal		[Signature]					[Signature]					[Signature]						

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2018-19

Year/ Sem/Sec		Sem: ODD/ EVEN															
I/II/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 & Measurement Engineering	Ms. N. Karthika	IA Test	58	58	04	05	56%	58	58	0	28	51.7	57	55	02	11	80%
		Make up Test	30	27	03	04	77%	28	16	12	10	21.4	20	17	03	9	47.05%
		Remarks	careless mistake while solving the problems					didn't concentrate in PART-A					-				
GE8291 Environmental Science and Engineering	Mr. B. Balaprasad	IA Test	58	55	03	31	41.3	58	54	4	28	48%	57	56	1	28	50
		Make up Test	34	31	03	26	14.7	32	30	2	14	53%	29	26	3	14	46
		Remarks	* All the answers were not written elaborately					* Least importance given to Part-A questions by students					* Lack of preparation				
CS8851 Programming in C	Ms. R. Sharanika	IA Test	58	55	03	24	58.6	58	54	4	17	63.79	57	57	NPL	28	51
		Make up Test	24	21	03	16	33	24	10	10	10	4.76	28	21	7	7	67
		Remarks	lack of preparation by students, test questions were revised.					More practice needed on program. Lack of motivation to preparation do better next time.					2 marks were not concentrated by students have revision.				
Signature of QAC members with name		P. Saravane Devi 05/3/19					R. Padma 05/3/19					1. D. Jayaraman (Sagaya Basthi) 2. P. Anand (P. ANAND, APTE) 3. T. Sathis Kumar (SATHIS KUMAR, CSE)					
Signature of HOD																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Sem: ODD/ EVEN

Year/ Sem/Sec	II / IV / CSE A					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 %
CS8491	J.SATHIYA PARIKAVI	IA Test	59	58	1	36	42.3	59	58	1	17	69.5	59	57	2	11	71.14			
		Make up Test	34	29	5	8	73.5	18	18	0	8	55.5	17	16	1	9	41.17			
		Remarks	Students get confused in solving problems, so more problems are given as homework to improve					Students did not attend all the questions. Advised to attend all ques in next RA3					NIL							
CS8494	SAHAYA ARUL MARYSA	IA Test	59	57	2	29	49.1	59	58	1	16	71.2	59	59	NIL	18	69			
		Make up Test	31	30	1	13	56.6	17	17	0	2	88.2	21	21	NIL	5	76			
		Remarks	Students are unable to present the answers exactly, since it is a theory paper. Now they are trained to answer.					-					-							
CS8451	DR. MOHANA	IA Test	59	59	0	30	49.15	59	58	1	25	54.2	59	57	2	23	57.64			
		Make up Test	30	30	0	19	36.6	27	27	0	10	37.03	23	14	1	8	65.21			
		Remarks	Students were unable to reproduce algorithm in proper way & could not analyze algo					Students were very confused in solving pblms since it requires numerous steps & formulae					Students were not able to solve problem freely. Steps may have not been given.							
Signature of QAC members with name		R. Padma S. Srinivasan T. Srinivasan					R. Padma					S. Hanik S. Hariprasath								
Signature of HOD																				
Principal																				

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Sem: ~~ODD~~ / EVEN

Dept: CSE

Year/ Sem/Sec	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 %
CS8493	KAVITHA N	IA Test	59	59	0	43	27.1	59	57	2	21	64	59	58	01	08	86.4%
		Make up Test	43	41	2	8	76.7	28	22	1	10	52	9	08	01	02	66.6%
		Remarks	Students did not cover the pbm correctly. Did not attend all questions					Students did not attend all the questions. Time consuming paper					NIL				
CS8492	KARTHIK.R.	IA Test	59	58	1	35	38.98	59	57	2	17	67.7	59	57	02	17	70.17%
		Make up Test	36	35	1	7	77.7	19	19	0	9	52.63	19	18	01	08	63.15%
		Remarks	1. Part-B Questions were not explained properly. 2. DDL, DML, DCL commands were not provided with proper data					1. Part-C questions were not explained clearly. 2. Translation scenario was not properly mentioned					NIL				
MA8402	R. NEELAMBARI	IA Test	59	57	2	49	13.56	59	58	1	41	28.81	59	57	02	39	30.50%
		Make up Test	51	51	0	43	15.7	42	42	0	38	9.1	41	40	01	27	31.17%
		Remarks	Get Confused with the concepts.					Careless mistakes by students. Advice to practice more problem					made Careless mistakes. Advice to work out more problem.				
Signature of QAC members with name			R. Padma 12/2/19 G. Sathya Kumar					R. Padma 12/2/19 S. Hanish					S. Hanish 28/2/19 S. Hanish				
Signature of HOD																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Sem: ~~ODD~~ / EVEN

Year/ Sem/Sec <u>D / V 'B'</u>												Dept <u>CSE</u>					
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 %	
CS8491	SATHISH KUNAR	IA Test	59	58	1	32	45%	59	59	0	13	78	59	58	01	40	81%
		Make up Test	33	33	0	7	80%	13	13	0	4	69.6	11	09	02	05	44%
		Remarks	They need to concentrate on part-B questions										NIL				
CS8494	R.LAVANYA BAI	IA Test	59	59	0	20	66	59	58	1	9	83	59	59	00	40	83.05%
		Make up Test	20	20	0	10	50	10	10	0	0	100	10	10	00	03	70.00%
		Remarks	Slow learner student felt little bit difficult to study theory paper. Asked to study theory paper. These are simple										NIL				
CS8451	R.SENTHANIL SELVI	IA Test	59	58	1	28	50.8	59	59	0	26	55.9	59	59	00	11	81.35%
		Make up Test	29	26	3	12	48	26	25	1	7	69.2	11	10	01	06	36.36%
		Remarks	Detailed answers needed (stepwise analysis) for part-B questions.					Problems need to be solved in step by step manner.					NIL				
Signature of QAC members with name		1. R. Padma 12/12/19 R. Padma G. Sathish Kumar					2. R. Padma 12/12/19 R. Padma					S. Hanu S. Hanu					
Signature of HOD																	
Principal																	

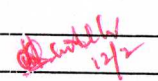
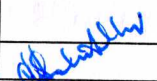
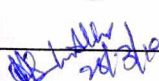
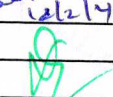
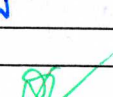

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Year/ Sem/Sec		Sem: ODD/ EVEN															
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 %	
CS8493	K. NOHAMAPRIYA	IA Test	59	58	1	38	34.4	59	59	0	21	64	59	58	01	04	91.5%
		Make up Test	39	39	0	8	79.5	21	20	1	8	52	05	03	02	01	40%
		Remarks	Lack of preparation Need to concentrate to write the concepts related to the questions.					careless mistakes while solving the problems even in retest 2 gave more problems to solve					NIL				
CS8492	RAJARAJESWARI	IA Test	59	58	1	26	54.24	59	59	0	22	62.7	59	58	01	17	69.49%
		Make up Test	27	27	0	9	66.6	22	22	0	11	50	17	16	01	13	17.64%
		Remarks	Did not prepare well the two questions.					Lack of preparation by the students.					NIL				
MA8402	S. SIVANANI	IA Test	59	59	0	49	16.9	59	58	1	24	57.6	59	59	NIL	23	61
		Make up Test	49	48	1	28	40.8	25	25	0	19	64	23	22	1	10	55
		Remarks	Lack of preparation and careless mistakes most of them specified that in the subject.					Lack of preparation. But most of DA-I Failure scored pass mark.					Confused with formulae. Asked them to repeat the formula & practice				
Signature of QAC members with name		R. Radha 12/2/19					R. Radha 12/2/19					S. Hanish 28/3/19					
Signature of HOD		S. Hanish 12/2					S. Hanish 12/2					S. Hanish 28/3/19					
Principal		S. Hanish 12/2					S. Hanish 12/2					S. Hanish 28/3/19					

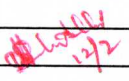





Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2018-2019

Year/ Sem/Sec		Sem: ODD/ EVEN															
III / 6 / A		Dept					CSE					Test III					
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 student. Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %
CS6001	Mr. S. Venkata Subramanian	IA Test	59	56	3	24	40.68%	58	49	9	9	68	58	54	4	23	54
		Make up Test	35	35	0	29	17.14%	28	22	6	10	43	34	33	1	23	29
		Remarks	Students are weak in writing Programs - Evening LAB class was conducted last week.					-					Even after printed materials given to the students and portions are limited, the students have not answered properly.				
IT6502	Mr. G. Siva Kannu	IA Test	59	55	4	24	40.68	58	57	1	28	51	58	54	4	18	67
		Make up Test	35	33	2	17	48.57	29	25	4	4	84	22	17	5	15	11
		Remarks	Due to lack of basic knowledge in signal & systems, students felt difficult to get pass.					→ Students felt tough to solve problems					-				
CS6001	Mr. Boopalan	IA Test	59	56	3	28	47.46	58	55	3	3	90	58	55	3	5	90
		Make up Test	31	28	3	15	41.93	5	3	2	NIL	60	8	3	5	2	67
		Remarks	Students were lacking in preparation -					-					-				
Signature of QAC members with name		S. Hanumanth S. Hanumanth G. Mani 12/2/19					T. SATHISKUMAR G. Mani 6/3/14					T. Mani 27/13/19					
Signature of HOD																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Year/ Sem/Sec		Sem: ODD/ EVEN															
III / 6 / A		Dept					CBE										
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 %	
CS6659	Mr. Sathish Kumar	IA Test	59	56	3	33	55.93	58	50	8	5	90	58	54	4	2	96
		Make up Test	26	24	2	26	11.53	12	11	1	6	45	6	4	2	2	50
		Remarks	They need to concentrate more on part-B questions					-					-				
CS6660	Mr. Mohan Kumar	IA Test	59	55	04	26	49.15	58	57	1	17	70	58	55	3	20	55
		Make up Test	30	28	2	15	11.53	18	15	3	10	33	23	20	3	17	15
		Remarks	students need to practice more problems.					-					Failures need to attend all questions in PART-B.				
IT6601	Mr. Dinesh Kumar	IA Test	59	56	03	17	66.10	58	57	1	18	68	58	57	1	9	84
		Make up Test	20	17	3	11	30%	19	15	4	6	60	10	9	1	2	78
		Remarks	-					-					-				
Signature of QAC members with name		S. Haniprasath. S. Hanish G. narayana 12/2/19 10/2/19					G. narayana 6/3/19					G. narayana 27/3/19					
Signature of HOD																	
Principal																	

Saranathan College of Engineering

QAC - Audit Report

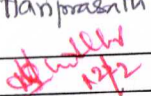
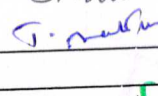
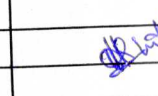



Academic Year : 2018-2019

Year/ Sem/Sec		Sem: ODD/ EVEN															
III / 6 / B		Dept					CSE					Test III					
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 %
CS6601	R. Sharamya	IA Test	58	58	0	30	48.27%	58	57	1	3	95	58	58	NPL	4	93
		Make up Test	30	-			90%	4	4	NPL	NPL	100	4	4	NPL	1	75
		Remarks	Lack of preparation + thro' recurrent learning they did well in make up					-					-				
CS6600	Ms. Senthamil Selvi	IA Test	58	57	1	21	62.06	58	56	2	23	59	58	58	NPL	8	86
		Make up Test	22	21	1	6	68.18	25	25	NPL	9	64	20	19	1	1	95
		Remarks	-					Problems need to be solved in step by step manner.					-				
IT6601	Dr. Mohana	IA Test	58	58	0	13	77.59%	58	57	1	6	89	58	58	NPL	6	90
		Make up Test	13	10	03	07	30.76%	15	15	NPL	NPL	100	6	6	NPL	NPL	100
		Remarks	-					-					-				
Signature of QAC members with name		S. Hariprasath. S. Hanith 11/2/19 S. Anand 12/2/19					G. Sarathkumar G. Anand 6/3/19					G. Anand 27/3/19					
Signature of HOD																	
Principal																	

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Sem: ODD/ EVEN

Dept **CSE**

Year/ Sem/Sec	III / 6 / 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 %
CS6659	Lavanyabai.	IA Test	58	56	2	12	75.86	58	57	1	8	86	58	58	N/L	3	95	
		Make up Test	14	14	0	01	92.86	9	9	N/L	2	77	3	3	N/L	N/L	100	
		Remarks	-															
CS6001	Chandrasekar	IA Test	58	56	2	19	63.79	58	57	1	4	93	58	58	N/L	3	95	
		Make up Test	21	21	0	19	0.10%	9	9	N/L	2	78	12	12	N/L	3	75	
		Remarks	-															
IT6502	Ms. V. Koushick	IA Test	58	57	01	35	37.93	58	56	2	36	35.7	58	58	N/L	48	17.24	
		Make up Test	36	33	3	06	75%	38	38	N/L	10	74	48	47	1	17	64	
		Remarks	Problematic Paper. Did Small errors solve the Problem. They did well in MT.			Problematic Paper. Did Small errors while Solve the Problem. They did well in MT. Assignments are given			Problematic Paper. Did Small errors while using Calculator. Strict Valuation. Plan to conduct Model Exam									
Signature of QAC members with name		S. Hariprasanth. S. Hanu 11/21/19					G. Nandhan 6/3/19					T. Arun 27/3/19						
Signature of HOD																		
Principal																		

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2018-2019

Sem: ~~ODD~~ / EVEN

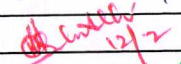
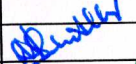
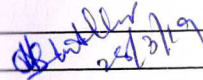
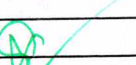


Year/ Sem/Sec	IV / VIII / A		Dept												CSE				
Subject Code	Name of faculty		Test I					Test II					Test III						
			No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		
CS6801	Mr. R. KARTHICK	IA Test	61	61	NIL	18	71%	61	58	3	12	79	61	58	3	11	81		
		Make up Test	18	15	3	7	53.3%	15	12	3	3	75	14	10	4	1	90		
		Remarks	1) Has to concentrate on Architecture 2) Solutions / High load on memory efficiency has not given																
CS6008	Dr. P. L. RAJARAJ SWARA	IA Test	62	62	NIL	13	79%	62	59	3	10	83	62	60	2	20	67		
		Make up Test	13	13	NIL	3	77%	13	7	6	3	57	22	17	5	5	71		
		Remarks	—																
MG6088	J. SATHYA PARKAVU	IA Test	62	62	NIL	27	56.4%	62	59	3	16	73	62	60	2	14	77		
		Make up Test	27	25	2	5	80%	19	16	3	13	19	16	10	6	6	40		
		Remarks	Students has to write elaborately for part-B questions.																
Signature of QAC members with name		G. Sathya Kumar / sp / CSE					G. Sathya Kumar / sp / CSE					G. Sathya Kumar / sp / CSE							
Signature of HOD																			
Principal																			

Saranathan College of Engineering

QAC - Audit Report

Academic Year : 2018-2019

		Sem: ODD / EVEN				
		Dept	CSE			
		Test III				
No of Students registered	No of students Attended	No of Absentees	No of Failures	Pass %		

Year/ Sem/Sec	IV / VIII / 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 %
CS6801	Mr. K. S. CHANDRA SEKARAN	IA Test	63	62	1	13	80%	63	45	18	6	87	63	62	01	02	95.23%
		Make up Test	22	20	2	6	70%	38	28	10	6	78	03+12	13	02	11	73.33%
		Remarks	—					—					NIL.				
CS6008	Ms. N. SAI PRABHA	IA Test	63	62	1	29	52%	63	51	12	18	52	63	61	02	25	57.14
		Make up Test	30	25	5	9	36%	30	29	1	12	56	25	20	05	20	0%
		Remarks	Students are advised to concentrate more.					Students lack concentration and are advised to study					Students don't prepare well and are asked to perform well in final exams.				
MG6088	Mr. D. BOOBALA MURALIDARAN	IA Test	63	61	2	33	46%	63	62	1	25	60	63	60	3	15	71
		Make up Test	35	31	4	12	61%	26	23	3	8	65	18	11	7	10	9
		Remarks	Students were prepared for preparation.					—					Most students didn't prepare well.				
Signature of QAC members with name		T. Chaitan T. Srinivas Kumar / mp/cse					T. Chaitan 6/3/19					T. Chaitan 28/3/19					
Signature of HOD																	
Principal																	

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

NAME OF THE DEPARTMENT: <i>Computer Science and Engineering</i>		DETAILS OF EXAMINATION				IA TEST : 1	Makeup Test : 1
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks		
YEAR/SEM/SEC: <i>I/II/A</i>							
		IA Test	Makeup Test				
1	HS8251	<i>211006, 211012, 52</i>	<i>211018, 211047, 25</i>	Y	Y	-	
2	MA8251	<i>211018, 11, 211037</i>	<i>211016, 52, 23</i>	Y	Y	-	
3	PH8252	<i>211023, 45, 211012</i>	<i>211001, 211023, 55</i>	Y	Y	-	
4	BE8255	<i>211011, 211009, 211005, 211018, 13, 22</i>		Y	Y	-	
5	GE8241	<i>211001, 211022, 211023</i>	<i>211058, 211006, 19</i>	Y	Y	-	
6	CS8251	<i>211018, 24, 211001</i>	<i>211023, 211036, 48</i>	Y	Y	-	

VERIFIED BY

1 *P. Saravana Devi* ^{ng} *5/3/19*

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 : Computer Science and Engineering		DETAILS OF EXAMINATION				IA TEST : 1	Makeup Test : 1
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/B							
		IA Test	Makeup Test				
1	AS8251	211062, 211103, 102	211070, 78, 103	Y	Y	-	
2	MA8251	211062, 211086, 67	211086, 211087, 72	Y	Y	-	
3	PH8252	211070, 211082, 211066	211062, 211087, 94	Y	Y	-	
4	BE8255	211102, 211090, 211100	211102, 211063, 80	Y	Y	-	
5	GE8291	211066, 211078, 63	21112, 70, 80	Y	Y	-	
6	CS8251	211073, 211090, 119	211062, 71, 80	Y	Y	-	

VERIFIED BY

1 P. Saravana Devi ng
5/3/19

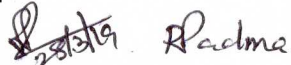

2

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		DETAILS OF EXAMINATION				
CSE 'A'		IA TEST : <u>II</u>			Makeup Test : <u>II</u>	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : <u>V / II / A</u>						
		IA Test	Makeup Test			
1	HS8251	211022, 48, 20	211048, 36	Y	Y	
2	MA8251	211011, 30, 45	10, 24, 1	Y	Y	
3	PH8252	211030, 16, 3	35, 11, 48.	Y	Y	
4	BE8255	211058, 42, 25	58, 48, 1	Y	Y	
5	GE8291	211030, 16, 3	71, 35, 47	Y	Y	
6	CS8251	211048, 61, 15	211050, 4, 48	Y	Y	

VERIFIED BY



- 1  Radma
- 2  S.A.A.

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

NAME OF THE DEPARTMENT		DETAILS OF EXAMINATION				
CSE 'B'					IA TEST : <u>ii</u>	Makeup Test : <u>ii</u>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : <u>S/II/B</u>						
		IA Test	Makeup Test			
1	HS8251	211076, 83, 102	102, 83	Y	Y	
2	MA8251	211096, 70, 97	211115, 211096, 70	Y	Y	
3	PH8252	211121, 85, 75	80, 73, 62	Y	Y	
4	BE8255	211090, 69, 78	211100, 211095, 211078	Y	Y	
5	GE8291	211102, 72, 63	72, 211102, 116	Y	Y	
6	ES8251	21120, 90, 01	21101, 20, 83	Y	Y	

VERIFIED BY

- 1  Radma
28/2/19
- 2  S. H. A. L.

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		DETAILS OF EXAMINATION				
CSE		IA TEST : <u> </u>			Makeup Test : <u> </u>	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : <u>I / II / A</u>						
		IA Test	Makeup Test			
1	HS8251	211055, 211033, 211006	211012, 022, 045	✓	Y	2/3 Partially submitted.
2	MA8251	211053, 030, 035	211035, 039, 023	✓	Y	Assignments verified.
3	PH8252	211001, 28, 51	01, 34, 52	✓	✓	5/7
4	BE8255	211039, 38, 004	36, 58, 48	✓	✓	2/3 Assignments submitted
5	SE8291	211052, 032, 011	211001, 029, 022	✓	✓	12/13 Assignments submitted
6	CS8261	211050, 20, 18	211034, 006, 060	✓	✓	Assignments verified

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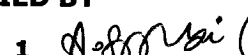

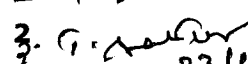
1. A. Rymzi (A. Sagaya Bastine)
2. P. Anand (P. ANAND, AP/29)
3. G. Sathis Kumar (G. SATHIS KUMAR, AP/CSE)

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		DETAILS OF EXAMINATION				
CSE					IA TEST : <u> </u>	Makeup Test : <u> </u>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : <u>I/II/B</u>						
		IA Test	Makeup Test			
1	HS8251	211070, 79, 90	70, 78, 102	✓	✓	3/4
2	MA8251	211092, 076, 075	211101, 095, 074	✓	✓	14/15 Assignments submitted.
3	PH8252	211062, 64, 65	72, 76, 105	✓	✓	—
4	BE8255	211112, 114, 120	211070, 092, 120	✓	✓	Assignments verified.
5	GE8291	211064, 79, 109	75, 95, 112	✓	✓	11/17
6	CS8251	211063, 66, 76	65, 69, 81	✓	✓	13/14

VERIFIED BY



1.  (A. Sagaya Bastina)
 2.  (P. ANAND, AP (R))
 3.  (T. SASHUB KUMAR, AP (CSE))
- 23/4/19

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		DETAILS OF EXAMINATION			
CSE		IA TEST : I		Makeup Test : I	
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	201033, 201124, 201003	201053, 201124 201004	Y	201124, 201001 Y
2	CS8494	201050, 201049, 201003	201050, 201011, 201049	Y	201049 50 Y
3	CS8451	201124, 39, 201008	201049, 45, 124	Y	201124 Y
4	CS8493	201016, 6, 55	201029, 6, 55	Y	201059 Y
5	CS8492	201020, 201042, 201004	20002, 24, 50	Y	201050 Y
6	MASH02	201043, 201030, 201002	201030, 201043, 201002	Y	201003 Y

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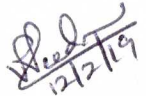
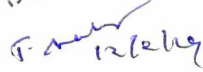
- 1 R. Padma  12/2/19
- 2 T. SATHISH KUMAR  12/2/19

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

NAME OF THE DEPARTMENT		DETAILS OF EXAMINATION			
CSE		IA TEST : I		Makeup Test : I	
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 / B					
		IA Test	Makeup Test		
1	CS8491	201107, 201096 201076	201125, 201105, 201103	Y	94 Y
2	CS8494	201064, 201063, 201068	20118, 201082 201064	Y	66, 67 Y
3	CS8451	201068, 201098, 201116	201116, 98, 201117	Y	129 Y
4	CS8493	201061, 201065, 201117	201061, 201065, 201117	Y	201117 Y
5	CS8492	201092, 201093, 201129	201129, 125, 93	Y	201129 Y
6	MAB402	201061, 65, 117	201061, 201065 201117		91, 88 Y

VERIFIED BY


- 1 R. Padma  12/2/19
- 2 T. SATHIS KUMAR  12/2/19

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

NAME OF THE DEPARTMENT		DETAILS OF EXAMINATION				
CSE		IA TEST : 2			Makeup Test : 2	
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	201013, 201001, 201003	201007, 4, 21	Y	Y	
2	CS8494	201038, 201021, 201003	201019, 201059, 201021	Y	Y	
3	CS8451	201123, 201083, 201005	201050, 201049, 201037	Y	Y	
4	CS8493	201003, 201009, 201001	1, 7, 58	Y	Y	
5	CS8492	201050, 3, 20	201001, 59, 7	Y	Y	
6	MA8402	201016, 10, 4	201010, 39, 4	Y	Y	

VERIFIED BY

1  7/13/19 R. Padma

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		DETAILS OF EXAMINATION			
CSSE		IA TEST : 2		Makeup Test : 2	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks
YEAR/SEM/SEC : II / II / B					
		IA Test	Makeup Test		
1	CS8491	201082, 201116, 201106	201070, 201120 201094	Y	Y
2	CS8494	201101, 201098, 201088	201088, 85, 66	Y	-
3	CS8451	201074, 201101, 201120	201094, 90, 96	Y	Y
4	CS8493	201094, 201072, 201063	201070, 201067 201095	Y	Y
5	CS8492	201108, 201085, 201065	201090, 201103, 201091	Y	Y
6	MA8402	201063, 95, 201103	201082, 201103 201077	Y	Y

VERIFIED BY

1  R. Padma

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 <u>CSE</u>		DETAILS OF EXAMINATION					IA TEST : <u>11</u>	Makeup Test : <u>11</u>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks			
YEAR/SEM/SEC : <u>18/2/A</u>								
		IA Test	Makeup Test					
1	CS8493	201001, 10, 42	201011, 128, 59	Y	Y	NIL	02/02	
2	CS8451	201001, 34, 43	201119, 201123, 201007	Y	Y	NIL	09/09	
3	CS8492	201036, 20, 06	201124, 11, 49	Y	Y	NIL	7/7	
4	CS8491	201019, 33, 50	201049, 57, 59	Y	Y	NIL	9/9	
5	MA8402	201033, 30, 201001	201039, 35, 51	Y	Y	NIL		
6	CS8494	201043, 47, 119	201015, 124, 128	Y	Y	-		

VERIFIED BY

- 1 S. Hanu
28/3/19
- 2 S. A. A. h

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 <i>CSSE</i>		DETAILS OF EXAMINATION					IA TEST : <i>CU</i>	Makeup Test : <i>LU</i>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks			
YEAR/SEM/SEC : <i>5/2/B</i>								
		IA Test	Makeup Test					
1	CS8492	201068, 84, 125	201098, 65, 67	Y	Y	NIL	13/13	
2	CS8491	201091, 83, 95	201070, 105, 94	Y	Y	NIL	05/06	
3	CS8494	201129, 111, 68	201125, 95, 106	Y	Y	NIL	03/03	
4	CS8451	201061, 85, 80	201067, 74, 95	Y	Y	NIL		
5	CS8493	201093, 201115, 90	90, 105, 106	Y	Y	NIL	01/01	
6	MA8402	201079, 96, 95	201066, 67, 81	Y	Y	NIL		

VERIFIED BY

- 1 *S. Harandi* 28/3/19
- 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		DETAILS OF EXAMINATION				
CSE		IA TEST : I Makeup Test : I				
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : III / 6 / A						
		IA Test	Makeup Test			
1	cs6001	191021, 191024, 191054	191013, 191039, 191053	Y	Y	NIL
2	IT6502	191021, 191031, 191121	191003, 191020, 191039	Y	Y	NIL
3	cs6601	191007, 9, 14	191012, 31, 118	Y	Y	NIL
4	cs6659	191003, 191021, 191029	191045, 191050, 191013	Y	Y	NIL
5	cs6660	191012, 191021, 191029	191001, 191013, 191019	Y	Y	NIL
6	IT6601	191016, 191032, 191054	191004, 191009, 191029	Y	Y	NIL

VERIFIED BY

- 1 S. Hanuprasath, S. Hanu 12/2/19
- 2 T. Saranya Kumar, T. Saranya 12/2/19

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

NAME OF THE DEPARTMENT		DETAILS OF EXAMINATION				
CSE					IA TEST : I	Makeup Test : I
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : III / 6 / B						
		IA Test	Makeup Test			
1	CS6601	191085, 191086, 191079	Y	Y	NIL	
2	CS6660	191082, 191109, 191120	Y	Y	NIL	
3	IT6601	191058, 191065, 191078	Y	Y	NIL	
4	CS6659	191058, 191074, 191080	Y	Y	NIL	
5	CS6001	191078, 191099, 191100	Y	Y	NIL	
6	IT6502	191063, 191079, 191108	Y	Y	NIL	

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- 1 S. Hanumanth (S. Hanumanth 11/2/19)
- 2 G. SAGNIS KANTH T. SAGNIS 12/2/19

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

NAME OF THE DEPARTMENT		DETAILS OF EXAMINATION				
CSE					IA TEST : II	Makeup Test : II
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : III / 6 / A						
		IA Test	Makeup Test			
1	CS6001	191045, 16, 23	07, 13, 53	✓	✓	-
2	IT6502	191019, 24, 52	02, 27, 33	✓	✓	-
3	CS6601	191011, 19, 35	04, 11, 57	✓	✓	-
4	CS6659	191026, 23, 32	08, 27, 29	✓	✓	-
5	CS6660	191006, 13, 17	09, 19, 45	✓	✓	-
6	IT6601	191007, 30, 51	04, 26, 39	✓	✓	-

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1 *T. ...* 6/3/19

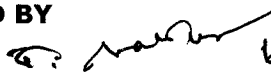
2

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

NAME OF THE DEPARTMENT <u>CSE</u>		DETAILS OF EXAMINATION				IA TEST : <u>II</u>	Makeup Test : <u>II</u>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks		
YEAR/SEM/SEC: <u>III / 6 / B</u>							
		IA Test	Makeup Test				
1	CS6601	191085, 67, 87	84, 91, 106	✓	✓	-	
2	CS6660	191067, 90, 114	71, 104, 112	✓	✓	-	
3	IT6601	191083, 101, 84	63, 88, 119	✓	✓	-	
4	CS6659	191065, 71, 112	85, 104, 112	✓	✓	-	
5	CS6001	191101, 102, 116	72, 88, 119	✓	✓	-	
6	IT6502	191058, 80, 95	84, 97, 116	✓	✓	-	

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1  6/8/19

2

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

NAME OF THE DEPARTMENT <u>CSE</u>		DETAILS OF EXAMINATION				IA TEST : <u>11</u>	Makeup Test : <u>11</u>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks		
YEAR/SEM/SEC : <u>III/V/A</u>							
		IA Test	Makeup Test				
1	CS6001	191001, 03, 10	05, 12, 48	✓	✓		
2	IT6502	191001, 3, 49	02, 03, 11	✓	✓		
3	CS6601	191018, 23, 39	30, 04, 39	✓	✓		
4	CS6659	191007, 50, 118	54, 04	✓	✓		
5	CS6660	191012, 13, 49	01, 16, 55	✓	✓		
6	IT6601	191006, 15, 56	191013, 55, 118	✓	✓		

VERIFIED BY

1 G. Narayan 28/8/19

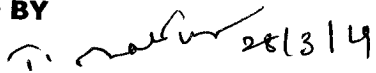

2 S.A.A

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		DETAILS OF EXAMINATION			
CSE		IA TEST :	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 : <u>W</u> / <u>V</u> / <u>B</u>					
		IA Test	Makeup Test		
1	CS6601	191058, 62, 78	58, 84, 102	✓	✓
2	CS6660	191090, 101, 115	68, 74, 95	✓	✓
3	IT6601	58, 70, 119	68, 98, 119	✓	✓
4	CS6659	191072, 91, 109	82, 91, 106	✓	✓
5	CS6001	191059, 62, 109	62, 68, 110	✓	✓
6	IT6502	191059, 76, 103	76, 113, 120	✓	✓

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- 1  28/3/19
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SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI – 12
QAC – QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2018-2019 EVEN SEMESTER

NAME OF THE DEPARTMENT - CSE		DETAILS OF EXAMINATION				IA TEST : 1	Makeup Test : 1
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	CS6801	181010, 53, 62	181045, 51, 55	✓	✓	NOL	
2	CS6008	181017, 19, 20	181019, 58, 129	✓	✓	NOL	
3	MA6088	181019, 20, 55	181003, 6, 48	✓	✓	NOL	
4							
5							
6							

VERIFIED BY

1 *G. Narayana* 12/2/19

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		DETAILS OF EXAMINATION				IA TEST : 1	Makeup Test : 1
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	CS6801	181090, 107, 109	181075, 85, 107	✓	✓	NPL	
2	CS6008	18112, 83, 76	181077, 111, 113	✓	✓	NPL	
3	MG6088	181067, 90, 96	181075, 110, 117	✓	✓	NPL	
4							
5							
6							

VERIFIED BY

1

T. Mahalingam 22/12/19

2

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

NAME OF THE DEPARTMENT		DETAILS OF EXAMINATION				
CSE					IA TEST : <u>ii</u>	Makeup Test : <u>ii</u>
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : <u>iv/viii/A</u>						
		IA Test	Makeup Test			
1	CS6801	181009, 21, 47	32, 45, 129	✓	✓	
2	CS6008	181019, 48, 128	48, 57, 84	✓	✓	
3	MQ6088	181010, 32, 37	3, 37, 48	✓	✓	
4						
5						
6						

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1  6/3/19

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

NAME OF THE DEPARTMENT <u>CSE</u>		DETAILS OF EXAMINATION				IA TEST : <u>5</u>	Makeup Test : <u>11</u>
SI.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks		
YEAR/SEM/SEC : <u>IV / VIII / B</u>							
		IA Test	Makeup Test				
1	CS6801	181101, 105, 108	69, 90, 131	✓	✓	-	
2	CS6008	181081, 93, 99	69, 96, 123	✓	✓	-	
3	MA6088	181067, 93, 116	74, 76, 115	✓	✓	-	
4							
5							
6							

VERIFIED BY

1 G. Anand 6/8/19



2

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

NAME OF THE DEPARTMENT CSE		DETAILS OF EXAMINATION			
		IA TEST : 10		Makeup Test : 11	
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	CS6801	181009, 17, 62	03, 15, 128	✓	✓
2	CS6008	181020, 21, 30	32, 43, 51	✓	✓
3	MG6088	181010, 37, 51	06, 37, 51	✓	✓
4					
5					
6					

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- 1  28/3/19
- 2 

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

NAME OF THE DEPARTMENT <u>CSE</u>		DETAILS OF EXAMINATION IA TEST : <u>III</u> Makeup Test : <u>III</u>				
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Assignments Verified [Y/N]	Remarks	
YEAR/SEM/SEC : <u>IV/VIII/B</u>						
		IA Test	Makeup Test			
1	<u>CS6801</u>	<u>181097, 99, 101</u>	<u>181065, 107, 99</u>	<u>Y</u>	<u>Y</u>	<u>NIL</u>
2	<u>CS6008</u>	<u>181097, 82, 66</u>	<u>181098, 113, 99</u>	<u>Y</u>	<u>-</u>	<u>NIL</u>
3	<u>MG6088</u>	<u>181076, 83, 94</u>	<u>181075, 83, 107</u>	<u>Y</u>	<u>Y</u>	<u>NIL</u>
4						
5						
6						

VERIFIED BY



- 1 S. Hanu 28/3/19
- 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		DETAILS OF EXAMINATION				
CSE		IA TEST : III			Makeup Test : III	
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	CS6801	181097, 99, 101	181065, 107, 99	Y	Y	NIL
2	CS6008	181097, 82, 66	181098, 113, 99	Y	-	NIL
3	MG6088	181076, 83, 94	181075, 83, 107	Y	Y	NIL
4						
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6						

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- 1  28/3/19
- 2 

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SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	CSE
Academic Year	
2018-2019 / ODD	

Course End Survey – Consolidated Report

Course Code & Title	: CS8392	Object Oriented Programming			
NBA Course Code	: C204	Faculty Name	Dr.S.Mohana & Mr.K.S.Chandrasekaran		
Year	: II	Semester: III	No. of Entry	: 120	
COs	Course Outcome Questions			Attained Level	%
C204.1	Learn the Architecture of Java Environment and understand the role of JVM and JRE			2.54	84.72
C204.2	To Understand Object oriented concepts and basic characteristics of java			2.63	87.50
C204.3	To know the principles of packages, inheritance and interfaces			2.57	85.56
C204.4	To define Exceptions and use I/O streams			2.58	86.11
C204.5	To develop java applications with threads and generics classes			2.58	85.83
C204.6	To design and build simple Graphical User Interfaces			2.38	79.44



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program | **CSE**

Academic Year

2018 – 2019 / ODD

Course End Survey – Entry Details

Course Code & Title	: CS8392	Object Oriented Programming	
NBA Course Code	: C204	Faculty Name	Dr.S.Mohana & Mr.K.S.Chandrasekaran
Year	: III	Semester: V	No. of Entry : 55

Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec
201001	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201002	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201003	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201005	CS8392	3	3	2	2	3	3	09/01/2019	CSE	3	A
201006	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201007	CS8392	2	3	3	2	2	3	09/01/2019	CSE	3	A
201009	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201010	CS8392	2	2	2	3	2	3	09/01/2019	CSE	3	A
201012	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201016	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201018	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201019	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201020	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201022	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201024	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201026	CS8392	2	2	2	2	2	2	09/01/2019	CSE	3	A
201027	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201028	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201029	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201030	CS8392	2	2	1	1	2	3	09/01/2019	CSE	3	A
201032	CS8392	2	3	3	3	1	3	09/01/2019	CSE	3	A
201033	CS8392	3	3	3	3	2	3	09/01/2019	CSE	3	A
201034	CS8392	2	2	3	3	2	2	09/01/2019	CSE	3	A
201038	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201039	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201042	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201043	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201044	CS8392	3	2	2	3	2	3	09/01/2019	CSE	3	A
201047	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201048	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201049	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201051	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201053	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201054	CS8392	3	2	3	2	3	3	09/01/2019	CSE	3	A

201055	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201056	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201057	CS8392	2	2	2	2	2	2	09/01/2019	CSE	3	A
201059	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201060	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201063	CS8392	2	2	2	2	2	2	09/01/2019	CSE	3	B
201068	CS8392	1	1	1	1	1	1	09/01/2019	CSE	3	B
201073	CS8392	2	2	2	2	2	2	09/01/2019	CSE	3	B
201080	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201092	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201093	CS8392	2	2	2	3	3	3	09/01/2019	CSE	3	B
201095	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201097	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201106	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201109	CS8392	3	3	3	3	2	2	09/01/2019	CSE	3	B
201110	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201119	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201120	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	B
201123	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
201125	CS8392	2	3	2	3	2	3	09/01/2019	CSE	3	A
201128	CS8392	3	3	3	3	3	3	09/01/2019	CSE	3	A
Attained Level		2.76	2.78	2.76	2.80	2.71	2.85				
%		92.12	92.73	92.12	93.33	90.30	95.15				

**SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI - 12
Department of Computer Science and Engineering
Academic Year : 2017-2018 [ODD Semester]**

Feed Back Questionare				
1	Does the faculty come Prepared for the Classes ?			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
2	Subject Knowledge and Clarity of the Faculty			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
3	Impartiality and Fairness to Students ?			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
4	Interaction with Students by the faculty			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input checked="" type="radio"/>			
5	Valuable/Extra Information given during the Lectures by the faculty			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
6	Enthusiasm for Subject ?			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
7	Showing Concern and Care for Students?			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
8	Punctuality in Evaluation of Exam Papers/ Assignments ?			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
9	Whether Syllabus for IA Tests/ University Examination Completed steadily?			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
10	Ability to Speak Loudly and Clearly			
	Excellent <input type="radio"/>	Very Good <input type="radio"/>	Good <input type="radio"/>	Very Fair <input type="radio"/>
	Fair <input type="radio"/>			
<input type="button" value="Submit"/> <input type="button" value="Reset"/>				

Report Consolidated FeedBack Report Collected from the Students [Aug-2017]

S.no	staffcode	Branch-Sec/ Semester	No. partici pated	Subject Code /Title	Qno1	Qno2	Qno3	Qno4	Qno5	Qno6	Qno7	Qno8	Qno9	Qno10	Total
Weightage -->					15	15	8	12	12	12	4	6	8	8	100
1	radha-cse	CSE-A/3	59	CS6301/Programming And Data Structures II	12.1	12.1	6.29	9.93	10.05	9.8	3.35	4.82	6.43	6.67	81.54
2	gowthami-cse	CSE-A/3	59	CS6302/Database Management Systems	13.68	13.37	6.75	10.45	10.41	10.54	3.24	5.35	7.02	7.24	88.06
3	kavitha-cse	CSE-A/3	59	CS6303/Computer Architecture	11.44	11.34	5.88	9.07	8.26	8.14	3	5.11	6.18	5.4	73.81
4	chandrasekaran-cse	CSE-A/5	59	CS6501/Internet Programming	12.41	12.86	5.29	8.79	9.11	9.68	2.58	4.58	6.05	6.37	77.71
5	lavanyabai-cse	CSE-A/5	59	CS6502/Object Oriented Analysis And Design	12.31	11.49	6.89	10.49	10.25	9.76	3.55	5.08	6.73	6.37	82.93
6	ranjani-cse	CSE-A/5	59	CS6503/Theory Of Computation	10.22	9.31	4.83	6.92	4.84	7	2.1	3.7	5.1	5.8	59.81
7	sathiskumar-cse	CSE-A/5	59	CS6504/Computer Graphics	9.41	9	5.69	8.91	7.93	7.57	3.13	4.23	5.26	4.77	65.91
8	mohankumar-cse	CSE-A/7	53	CS6007/Information Retrieval	12.62	12.85	6.55	10.1	10.64	9.96	3.17	5.09	6.73	6.37	84.09
9	thillai-cse	CSE-A/7	53	CS6701/Cryptography And Network Security	11.32	10.92	5.4	7.88	7.25	8.33	2.51	4.57	5.95	5.62	69.75
10	anbazhagan-cse	CSE-A/7	53	CS6703/Grid And Cloud Computing	11.72	11.77	6.13	9.69	8.24	9.15	3.14	4.87	6.46	6.43	77.6
11	veeyes	CSE-A/7	53	IT6801/Service Oriented Architecture	13.13	13.19	6.37	9.6	10.51	10.1	3	5.28	6.94	7.06	85.18
12	kavitha-cse	CSE-B/3	56	CS6301/Programming And Data Structures li	12.59	12.86	6.49	9.9	9.17	9.56	3.16	5.06	6.6	6.71	82.09
13	boobala-cse	CSE-B/3	56	CS6302/Database Management Systems	11.84	11.84	6.51	10.11	9.69	9.77	3.3	4.54	5.74	6.6	79.95
14	prabasri-cse	CSE-B/3	56	CS6303/Computer Architecture	10.12	9	6.03	8.61	6.94	7.2	2.89	4.67	5.54	4.91	65.93
15	parkavi-cse	CSE-B/5	60	CS6501/Internet Programming	12.1	11.85	6.16	9.72	9.04	9.56	3.09	4.86	6.37	6.45	79.21
16	mary-cse	CSE-B/5	60	CS6502/Object Oriented Analysis And Design	8.75	8.45	4.27	7.2	6.68	7.12	2.17	3.52	4.93	5.28	58.37

17	thillai-cse	CSE-B/5	60	CS6503/Theory Of Computation	12.25	11.95	5.6	7.24	6.52	7.96	1.97	3.88	5.81	6.11	69.29
18	dineshkumar-cse	CSE-B/5	60	CS6504/Computer Graphics	12.4	12.15	6.64	10.16	10.2	9.92	3.45	4.94	6.45	6.45	82.77
19	anbazhagan-cse	CSE-B/7	58	CS6007/Information Retrieval	12.16	11.95	6.12	9.19	9.02	9.02	2.95	4.43	6.32	6.57	77.72
20	merlyne-cse	CSE-B/7	58	CS6701/Cryptography And Network Security	13.97	13.97	6.98	10.8	10.68	10.76	3.7	5.44	7.28	7.37	90.93
21	barani-cse	CSE-B/7	58	CS6703/Grid And Cloud Computing	11.12	11.07	5.52	8.73	8.61	8.98	2.98	4.57	6.04	6.46	74.07
22	chandrasekaran-cse	CSE-B/7	58	IT6801/Service Oriented Architecture	12.1	12.47	6.15	9.52	9.93	9.81	3.17	4.84	6.23	6.37	80.6
23	mohanapriya-cse	ECE-A/3	55	EC6301/Object Oriented Programming And Data Structures	12.98	12.6	6.31	10.04	8.73	9.64	3.4	5.19	6.63	6.81	82.34
24	ranjani-cse	ECE-B/3	52	EC6301/Object Oriented Programming And Data Structures	12.63	11.94	5.63	8.17	7.29	8.31	2.12	4.71	6.22	6.55	73.58
25	veeyes	MBA-A/3	49	BA7301/Enterprise Resource Planning	12.24	12.37	5.98	8.87	9.16	9.5	2.53	4.38	6.14	6.5	77.67
26	mohanapriya-cse	SEM-1-A/1	53	GE8151/Problem Solving And Python Programming	12.28	11.72	6.55	9.6	8.83	9.42	3.22	4.6	6.04	6.58	78.83
27	dineshkumar-cse	SEM-1-B/1	54	GE8151/Problem Solving And Python Programming	13.11	12.61	6.52	10.31	10.09	10.36	3.38	5.04	6.61	6.93	84.96
28	prabasri-cse	SEM-1-C/1	57	GE8151/Problem Solving And Python Programming	10.53	10.16	6.32	7.96	7.79	8.13	2.67	4.8	6.04	4.6	68.98
29	arunprasad-cse	SEM-1-E/1	44	GE8151/Problem Solving And Python Programming	12.75	12.55	6.69	9.82	9.44	9.87	3.16	5.18	6.8	6.65	82.91
30	gowthami-cse	SEM-1-F/1	53	GE8151/Problem Solving And Python Programming	12.57	12.23	6.34	9.1	7.97	9.33	2.82	4.91	6.4	6.43	78.1
31	hemalatha-cse	SEM-1-G/1	55	GE8151/Problem Solving And Python Programming	13.15	12.55	6.98	10.17	9.25	9.69	3.49	5.19	6.6	6.28	83.35
32	arunprasad-cse	SEM-1-H/1	45	GE8151/Problem Solving And Python Programming	12.53	12.27	6.36	9.76	9.01	9.49	3.06	4.99	6.47	6.44	80.38
33	radha-cse	SEM-1-I/1	45	GE8151/Problem Solving And Python Programming	11.73	11.53	5.9	9.23	8.53	8.64	3.08	4.51	5.72	6.29	75.17
34	mohankumar-cse	SEM-1-K/1	49	GE8151/Problem Solving And Python Programming	12.49	12.61	6.37	9.75	9.21	9.6	3	4.8	6.27	6.6	80.69

06/09/2017
Tiruchy - 12

From

V. Ranjani
AP/EE
Saranathan college of Engineering
Tiruchirappalli - 12

To

The Principal
Saranathan College of Engineering
Tiruchirappalli-12

Sub: Corrective Measures- student feedback-reg

Through

The Head of the Department
Saranathan College of Engineering
Tiruchirappalli-12

Forwarded to the
Principal for Perusal
6/9/17

Respected Sir,

I am handling Theory of Computation subject for III
year B.E CSEA section during this semester. I am very
disappointed to see my feedback score. This is a problem
oriented subject. I have handled this subject during the
last year as well. I assure you sir that i will definitely
try to improve my score by adpoting the following measures.

1. speak little bit loudly and slowly
2. Try to solve simple problems before solving the complex ones
3. sharing of video lectures given by IIT professors
4. I will show better enthusiasm and try to motivate the students

Thanking you,

Yours sincerely
V. Ranjani
6/9/2017

SARANATHAN COLLEGE OF ENGINEERING

Academics Planner for Even semester (2017-18) - II, III & IV YEAR U.G. Electronics and Communication Engineering

DAY	DETAILS	Working days		DAY	DETAILS	Working days		DAY	DETAILS	Working days		DAY	DETAILS	Working days		
		I/II/IV	III			I/II/IV	III			I/II/IV	III			I/II/IV	III	
FRI				01	THU			01	THU			01	SUN	HOLIDAY		
SAT				02	FRI			02	FRI			02	MON			
SUN	Holiday			03	SAT	Founder's day		03	SAT	HOLIDAY		03	TUE	Syllabus Completion		
MON				04	SUN	HOLIDAY		04	SUN	HOLIDAY		04	WED	Model Exam		
TUE				05	MON			05	MON			05	THU	Model Exam		
WED				06	TUE	MiniProject Expo 2nd yr		06	TUE			06	FRI	Model Exam		
THU				07	WED			07	WED	CCMII /II Yr		07	SAT	Model Exam		
FRI				08	THU			08	THU			08	SUN	HOLIDAY		
SAT				09	FRI			09	FRI	CCMII/IV Yr		09	MON	Model Exam		
SUN	Holiday			10	WED	IA TEST I		10	SAT			10	TUE	Model Exam		
MON				11	THU	IA TEST I		11	SUN	HOLIDAY		11	WED			
TUE				12	FRI	IA TEST I		12	MON			12	THU	Commencement of AU Practical Exam		
WED				13	SAT	POGI		13	TUE			13	FRI			
THU	Commencement of senior Classes			14	SUN	PONGAL		14	WED	IA TEST II		14	SAT	TAMIL NEW YEAR		
FRI				15	MON	THIRUVALLUVA R DAY		15	THU	IA TEST II		15	SUN	HOLIDAY		
SAT				16	TUE	UZHAVAR THIRUNAL		16	FRI	IA TEST II		16	MON			
SUN	Holiday			17	WED			17	SAT	HOLIDAY		17	TUE			
MON				18	THU	CCM-I / II Yr		18	SUN	HOLIDAY		18	WED			
TUE				19	FRI	CCM-I/III Yr		19	MON			19	THU			
WED				20	SAT	CCM-I/IV Yr		20	TUE			20	FRI			
THU				21	SUN	HOLIDAY		21	WED	(Mech & IT) Feedback		21	SAT			
FRI				22	MON	Feedback I/IV sem		22	THU	Bikshani Celebration		22	SUN	HOLIDAY		
SAT				23	TUE	Feedback I/III sem		23	FRI	SPORTS DAY		23	MON	Commencement of AU Theory Exam		
SUN	Holiday			24	WED	Feedback IV/VII sem		24	SAT	COLLEGE DAY		24	TUE			
MON	CHRISTMAS			25	THU			25	SUN	HOLIDAY		25	WED			
TUE				26	FRI	REPUBLIC DAY		26	MON			26	THU			
WED				27	SAT	HOLIDAY		27	TUE			27	FRI	Founder's Memorial day		
THU				28	SUN	HOLIDAY		28	WED			28	SAT			
FRI	Holiday			29	MON			29	THU	MAHAVIR JAYANTHI		29	SUN	HOLIDAY		
SAT	Holiday			30	TUE			30	FRI	GOOD FRIDAY		30	MON			
SUN	Holiday			31	WED	Webinar		31	SAT	HOLIDAY		31	SUN			
No. of Working days			12					18				20			19	8

Total No. of working days for the semester : I/II/III/IV YEAR : 77

Prepared by Dr. S. Rajeswari & Dr.M.Padma

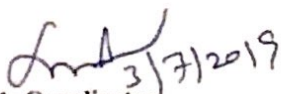
HOD
H. D. Raj.

SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Electronics and Communication Engineering
WORKLOAD -ALLOCATION FOR THE ACADEMIC YEAR 2019-2020(ODD)

S.NO	NAME	SUBJECT	SUBJECT	YEAR / SEM	THEORY/LAB	HOURS	TOTAL HOURS
1	Dr.M.Santhi, HOD	Signals and Systems	EC8352	II / III ECE A	THEORY	5	9
		Multimedia Compression Techniques	MU5091	II / III ME(CS)	THEORY	4	
2	Dr. C.Vennila, Prof.	Control Systems Engineering	EC8391	II / III ECE A	THEORY	5	19
		Opto Electronic Devices	EC6016	IV/VII ECE A	THEORY	5	
		Optical and Microwave Lab	EC6712	IV/VII ECE A	LAB	6	
		Analog and Digital circuits lab	EC8361	II / III ECE A	LAB	3	
3	Dr.M.Padmaa , Prof.	Electronic Circuits I	EC8351	II / III ECE B	THEORY	5	20
		Communication Network Security	NC5291	II/ III ME (CS)	THEORY	4	
		Analog and Digital circuits lab	EC8361	II / III ECE B	LAB	6	
		Advanced Digital Signal Processing	AP5152	I / I ME (CS)	THEORY	5	
4	Dr.S.A.Arunmozhi , Associate Prof.	Digital Electronics	EC8392	II / III ECE B	THEORY	5	19
		Communication Networks	EC8551	III/V ECE A	THEORY	5	
		Communication Networks lab	EC8563	III/V ECE A	LAB	6	
		Analog and Digital circuits lab	EC8361	II / III ECE B	LAB	3	
5	Dr.S.Rajeswari, Associate Prof.	Digital Electronics	EC8392	II / III ECE A	THEORY	5	21
		Optical Networks	CU5192	I / I ME (CS)	THEORY	4	
		Communication Networks lab	EC8563	III/V ECE B	LAB	6	
		Communication Systems Lab	EC8561	III/V ECE B	LAB	3	
		Analog and Digital circuits lab	EC8361	II / III ECE A	LAB	3	
6	Dr.V.Mohan , Associate Prof.	Advanced Satellite communication & Navigation systems	CU5091	I / I ME (CS)	THEORY	4	20
		Signals and Systems	EC8352	II / III ECE B	THEORY	5	
		Digital Communication	EC8501	III/V ECE B	THEORY	5	
		Digital Signal processing Lab	EC8562	III/V ECE B	LAB	6	
7	Dr.P.Shanmuga Priya, Associate Prof.	Digital Communication	EC8501	III/V ECE A	THEORY	5	19
		Speech Processing	EC6007	IV/VII ECE A	THEORY	5	
		Communication system Lab	EC8561	III/V ECE A	LAB	6	
		Digital systems Lab	CS8382	II/III IT	LAB	3	
8	Dr.M.Baritha Begum, Asst. Prof.	Control Systems Engineering	EC8391	II / III ECE B	THEORY	5	21
		Medical Electronics	EC8073	III / V ECE B	THEORY	4	
		Communication system lab	EC8561	III/V ECE B	LAB	6	
		DSP Lab	EC8562	III/V ECE A	LAB	3	
		Communication system lab	EC8561	III/V ECE A	LAB	3	
9	Mr.S.Hariprasath, Asst. Prof.	Electronic Circuits I	EC8351	II / III ECE A	THEORY	5	19
		Satellite communication	EC6004	IV/VII ECE B	THEORY	5	
		Analog and Digital circuits lab	EC8361	II/III ECE A	LAB	6	
		Digital systems Lab	CS8382	II/III IT	LAB	3	

10	Ms. A. Shamim Banu, Asst. Prof.	Speech Processing	EC6007	IV/VII ECE B	THEORY	5	19
		RF and Microwave Engineering	EC6701	IV/VII ECE A	THEORY	5	
		Optical and Microwave lab	EC6712	IV/VII ECE A	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III/V CSE B	LAB	3	
11	Mr.K.Malaisamy, Asst. Prof.	Microprocessor and microcontroller	EE8551	III / V ICE	THEORY	5	19
		Optical Communication and Networks	EC6702	IV/VII ECE B	THEORY	5	
		Microprocessor and microcontroller lab	EE8681	III/V ICE	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III / V IT	LAB	3	
12	Ms P.Sivagama Sundari, Asst. Prof.	Analog and Digital communication	EC8394	II /III IT	THEORY	5	19
		Embedded & Real time systems	EC6703	IV/VII ECE A	THEORY	5	
		Embedded lab	EC6711	IV/VII ECE A	LAB	6	
		Embedded lab	EC6711	IV/VII ECE B	LAB	3	
13	Mr.G.Sivakannu, Asst. Prof.	Millimeter wave communication	CU5301	II/III ME(CS)	THEORY	4	21
		Discrete time signal processing	EC8553	III/V ECE A	THEORY	5	
		Microprocessor and microcontroller lab	EC8681	III / V CSE A	LAB	3	
		Microprocessor and microcontroller lab	EC8681	III / V IT	LAB	3	
		Digital Signal processing Lab	EC8562	III/V ECE A	LAB	6	
14	Ms.V.Ramya, Asst. Prof.	Microprocessor and microcontroller	EC8691	III/V CSE B	THEORY	5	20
		Digital Principles and System Design	CS8351	II / III IT	THEORY	6	
		Microprocessor and microcontroller lab	EC8681	III / V CSE A	LAB	3	
		Microprocessor and microcontroller lab	EC8681	III / V CSE B	LAB	6	
15	Mr.M.Mahendran , Asst. Prof.	Advanced Digital communication Techniques	CU5151	I/ ME(CS)	THEORY	4	21
		Communication Networks	EC8551	III/V ECE B	THEORY	5	
		Communication Networks lab	EC8563	III/V ECE B	LAB	6	
		Communication Networks lab	EC8563	III/V ECE A	LAB	6	
16	Mr.Sriraman Balaji, Asst. Prof.	Communication Engineering	EC8395	II/III CSE A	THEORY	5	19
		Embedded & Real time systems	EC6703	IV/VII ECE B	THEORY	5	
		Embedded Lab	EC6711	IV/VII ECE B	LAB	3	
		Training and Placement	T&P	IV/VII CSE	THEORY	4	
		Training and Placement	T&P	IV/VII IT	THEORY	2	
17	Ms..M.Anthuvan Lydia, Asst. Prof.	Microprocessor and microcontroller	EC8691	III/V CSEA	THEORY	5	18
		Medical Electronics	EC8073	III/V ECE A	THEORY	4	
		Microprocessor and microcontroller lab	EC8681	III/V CSEA	LAB	6	
		Microprocessor and microcontroller lab	EC8681	III/V CSE B	LAB	3	
18	Ms. G.Lakshmi, Asst. Prof.	Opto electronic Devices	EC6016	IV/VII ECE B	THEORY	5	21
		Digital Audio Engineering	OTL552	III/V ECE A	THEORY	4	
		Optical and Microwave Lab	EC6712	IV/VII ECE B	LAB	3	
		Digital Signal Processing Lab	EC8562	III/V ECE A	LAB	3	
		Digital systems Lab	CS8382	II/III IT	LAB	6	

19	Ms..R.Vaishnavi, Asst. Prof.	Microprocessor and microcontroller	EC8691	III/V IT	THEORY	4	21
		Satellite communication	EC6004	IV / VII ECE A	THEORY	5	
		Microprocessor and microcontroller lab	EC8681	III/ V IT	LAB	6	
		Microprocessor & Microcontroller Lab	EE8681	III/ V ICE	LAB	3	
		Analog and Digital circuits lab	EC8361	II / III ECE B	LAB	3	
20	Ms.R.Devi, Asst. Prof.	Optical communication and networks	EC6702	IV/VII ECE A	THEORY	5	21
		Digital Audio Engineering	OTL552	III/ V ECE B	THEORY	4	
		Embedded Lab	EC6711	III/V ECE A	LAB	6	
		Embedded lab	EC6711	IV/VII ECE B	LAB	6	
21	Mr.SD.Sairam, Asst. Prof.	RF and Microwave Engineering	EC6701	IV/VII ECE B	THEORY	5	22
		Advanced Radiation System	CU5191	I / I ME (CS)	THEORY	4	
		Optical and Microwave Lab	EC6712	IV/VII ECE B	LAB	6	
		ME Communication Systems Lab	CU5161	I / I ME (CS)	LAB	4	
		Communication system Lab	EC8561	III/V ECE A	LAB	3	
	Mr.V.Koushick, Asst. Prof.	Discrete time signal processing	EC8553	III/V ECE B	THEORY	5	19
		Communication Engineering	EC8395	II/III CSE B	THEORY	5	
		Digital Signal Processing Lab	EC8562	III/V ECE B	LAB	6	
		Optical and Microwave Lab	EC6712	IV/VII ECE B	LAB	3	
						Total	427


 Timetable Coordinator
 (Molli A.N.V.)


 HoD/ECE


 Principal



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

REVIEW OF COURSE FILE

S.No.	Details	R-I-*	R-II-#	R-III-\$	R-IV-&	R-V-@
	Date:					
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.	Very poor performance in first two tests-action taken - communication to parents-evidence. #S		✓	✓	✓	
17.	Absence for two tests-action taken-communication to parents-evidence. #S		✓	✓	✓	
18.	Indiscipline of student reported, if any #S&					
19.	Special class/coaching class/remedial class/attendance-CAP #S&					
20.	Conduct of Seminar, Quizzes - proof #S&					
21.	Content beyond the syllabus – proof #S&					
22.	Course end survey &				✓	
23.	Internal Assessment sheet &				✓	
24.	AU question paper with students feedback @				✓	
25.	Discrepancy of the question paper and correspondence, if any @				✓	
26.	AU result analysis-Details of arrear students. @				✓	
27.	AU grade sheet @				✓	
28.	CO – PO & PSO attainment sheet @				✓	
	Signature of Course handling faculty		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	Signature of HoD		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



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

Lecture Schedule

Degree/Program: **B.E / ECE**
 Duration: **June 2019 -Oct 2019**

Course code &Name: **OTL552 – Digital Audio Engineering**
 Semester: **V** Section: **A** Faculty: **G.LAKSHMI**

AIM

To make the students to analyze the type of dither, recording and transmission principles in digital audio, various types of dither. Also to design and analyze the digital audio editing and analyze the applications of digital audio.

OBJECTIVES

- To understand the concept of fundamental of digital audio
- To understand the concept of audio in TV broadcasting
- To understand the various codes in digital coding
- To understand the concept of digital audio tape recorder
- To analyse the concept internet audio in digital audio engineering

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

CO	Course Outcomes	POs	PSOs
C306OE1.1	Understand and Analyze the sampling ,Quantization and type of Dither	1-12	1,2
C306OE1.2	Analyze the Recording and transmission principles in digital audio	1-12	1,2
C306OE1.3	Understand and Analyze the various compression techniques in digital Audio	1-12	1,2
C306OE1.4	Design and analyze the digital audio editing	1-12	1,2
C306OE1.5	Analyze the audio MPEG4,SDMI and MP3 of Digital Audio	1-12	1,2
C306OE1.6	Understand the Internet Audio ,Sound Cards, MIDI	1-12	1,2

S.No	Date Planned	Period Number	Topics to be Covered	Book No [Page No]	Date Actual
UNIT I: FUNDAMENTALS OF DIGITAL AUDIO					
Target Periods : 12					
1	20.6.2019	2	Introduction to Digital Audio	1(19)	20.6.2019
2	21.6.2019	3	Discrete Time Sampling	1(19-20)	21.6.2019
3	22.6.2019, 24.6.2019	5,6	Sampling Theorem, Nyquist Frequency	1(20-21)	22.6.2019 24.6.2019
4	26.6.2019, 27.6.2019	2,3	Aliasing and Prevention of Aliasing	1(25-28)	26.6.2019 27.6.2019
5	1.7.2019, 2.7.2019	5,6	Quantization	1(28-35)	1.7.2019 2.7.2019
6	4.7.2019	2	Signal to noise Ratio	1(32-33)	4.7.2019
7	8.7.2019	5	Distortion and other architectures	1(35-36)	8.7.2019
8	9.7.2019	6	Dither and Types of Dither	1(36-44)	9.7.2019
UNIT II: RECORDING AND TRANSMISSION PRINCIPLES					
Target Periods : 12					
9	10.7.2019	6	Introduction	1(47)	11.7.2019
10	11.7.2019	2	PCM	1(47-64)	12.7.2019
11	12.7.2019, 13.7.2019	3,5	Record Processing	1(64-65)	13.7.2019 15.7.19
12	15.7.2019	6,4	Recording Oriented Coding	2(360-361)	17.7.19

	17.7.2019				
13	19.7.2019, 23.7.2019	5,4	Transmission Oriented Codes	2(361-363)	17.7.2019
14	24.7.2019, 25.7.2019	3,5	Audio in Digital TV Broadcasting	1(627-644)	23.7.2019
15	26.7.2019	6	DAB	1(597-609)	24.7.2019

Assignment 1 Date of Announcement : 24.07.2019 Date of Submission : 02.08.2019
IA Test-I

UNIT III: DIGITAL CODING AND COMPRESSION

Target Periods : 14

19	30.7.2019	2	Block and Convolutional Codes	1(402-405)	31.7.2019
20	31.7.2019	3	Cyclic Codes	1(406-412)	2.8.2019
21	1.8.2019, 2.8.2019	5,6	Reed Solomon Codes	1(149-154)	7.8.2019
22	6.8.2019, 7.8.2019	2,3	Interleaving	1(146-149)	8.8.2019
23	8.8.2019, 9.8.2019	5,6	Compression principles, Lossless and Perceptive coding	1(275-279)	9.8.2019
24	14.8.2019	2,3	Sub band codes and Transform coding	1(293-298)	14.8.2019
25	16.8.2019	4	Compression Formats ,MPEG Audio	1(302-316)	17.8.2019
26	17.8.2019	6	Dolby AC 3, ATRAC	1(323-324)	21.8.2019

UNIT IV: DIGITAL AUDIO TECHNIQUES

Target Periods : 14

28	21.8.2019	2	Digital Audio Tape Recorder	1(497-502)	22.8.2019
29	22.8.2019, 26.8.2019	4,6	Cassettes, modes, Track Format	1(503-509)	26.8.2019
30	28.8.2019, 29.8.2019	2,3	Digital Audio Editing	1(509-510)	29.8.2019
31	4.9.2019, 5.9.2019	2,3	Editing with Random Access media & Recording Media	1(509-510)	4.9.2019
32	10.9.2019	5	Editor Structure	1(509-510)	10.9.2019
33	12.9.2019	6	Digital Audio in Optical Disks-CD	1(547-553)	12.9.2019
34	13.9.2019	2	MD,DVD	1(547-553)	13.9.2019
35	17.9.2019	2	Playing Optical Disk - Mini Disk	1(547-553)	17.9.2019

Assignment - 2 Date of Announcement : 22.08.2019 Date of Submission : 10.9.2019
IA Test-II

UNIT V: APPLICATIONS OF DIGITAL AUDIO

Target Periods : 11

37	17.9.2019	4	Internet Audio	1(567)	17.9.2019
38	18.9.2019, 19.9.2019	2,4	MP3	1(568)	18.9.2019
39	20.9.2019	6	SDMI	1(568-570)	19.9.2019
40	24.9.2019	5	Audio MPEG 4	1(572-576)	20.9.2019
41	25.9.2019, 26.9.2019	3,5	PC, MIDI	1(576-582)	24.9.19
42	27.9.2019, 30.9.2019	6,2	Sound Cards	1(583-584)	26.9.19
46	30.9.2019	6	Content Beyond syllabus - Intelligent Personal Assistant		27.9.2019

IA Test-III

Books: Text/Reference

S. No	Title of the Book	Author	Publisher	Year
1	Principles of Digital Audio	Ken C Pohlmann	McGraw Hill	2010
2	The art of digital audio	John Watkinson	Mc Graw Hill	2010
3	An Introduction to Digital Audio	John Watkinson	Focal Press	2013

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C306OE1.1	2	2	2	1	1	1	1	-	-	1	-	2	2	2
C306OE1.2	2	2	2	1	1	1	1	-	-	1	-	2	2	2
C306OE1.3	2	2	2	1	1	1	1	-	-	1	-	2	2	2
C306OE1.4	2	2	2	1	1	2*	1	-	-	1	-	2	2	2
C306OE1.5	2	2	2	1	1	2*	1	-	-	1	-	2	2	2
C306OE1.6	2	2	2	1	1	1.33	1	-	-	1	-	2	2	2
C306OE1.1	2	2	2	1	1									

Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO / Unit
Intelligent Personal Assistant	PO6(strengthened)	C306OE1.5 & C306OE1.6

WEB REFERENCE:

www.nptel.iitm.ac.in

G. Lalish
Faculty Incharge

H. Srid
HoD/ECE



SARANATHAN COLLEGE OF ENGINEERING

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ROOT CAUSE ANALYSIS

Name of the Faculty : R. DENI
 Degree & Program : B.E., ECE
 IA Test : T/II/HH/Model
 Target : 95 %

Course Code & Name : OTL 552 - DAE
 Semester & Section : V/B
 University Exam/Month & Year: Nov/Dec 2019
 Achieved : 92.9 %

S.NO	BATCH NO	NAME OF THE STUDENT	CAUSES FOR FAILURE	SIGNATURE OF THE STUDENT WITH DATE	CORRECTIVE ACTION TAKEN	PREVENTIVE ACTION TAKEN	FOLLOWUP STATUS	REMARKS OF THE HOD
1.	202066	Priyadharshini K	not prepared well due to health issues	K. Praveen 27/8/19	Take care of your health during exam timings	observe the concept keenly. practice daily	Attend the slip test	Advised to observe
2.	202073	Rasheed Raja G	Not prepared well and I got confused	G. R. R. 27/8/19	study daily & practice needed	At least 15 mins in your home. try to get good marks.	without fail observe the concept.	classes keenly & take notes.
3.	202089	Siva Samkar N	Not prepared due to my father's operation	N. Sivasankar 27/8/19	understand your situation. But concentrate on your studies too.			Do regular study at home & take care of health.
4.	202122	Aiswarya D	← Dis continued from the course (long Abscent)					
5.								
6.								

[Signature]
 27/8/19.
 Signature of the faculty Member

HOD/ECE
 1



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Assignment – 01			Date of Issue:	14.08.2019	Marks	10
Course code	EC 8553	Course Title	DISCRETE TIME SIGNAL PROCESSING			
Year	V	Semester/Section	V / B	Date of Submission:	05.09.2019	

Q No	Questions	COs	POs	PSOs
1	Derive the properties of DFT	C301.1	1 – 5, 8 – 12	1, 2
2	Explain in detail about DIT and DIF with necessary diagram.	C301.1	1 – 5, 8 – 12	1, 2
3	Explain the concept of filtering of long data sequences	C301.1	1 – 5, 8 – 12	1, 2
4	Explain and derive the summary analysis & synthesis equations for FT & DTFT	C301.1	1 – 5, 8 – 12	1, 2
5	Explain in detail about frequency domain sampling of DTFT and its reconstruction with relationship between DFT and DTFT.	C301.1	1 – 5, 8 – 12	1, 2

Mark Allocation

Description	Marks Allotted	Marks obtained
Content	6	5
Presentation	2	1
Submission	2	2
Total	10	8

Joe Antanie A.M. 05-09-2019
Name and Signature of the student

JOE ANTANIE A.M.

Name and Signature of the Faculty In-charge

HoD/ECE



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Tutorial – 01			Date of Issue:	27.08.2019	Marks	10
Course code	EC 8553	Course Title	DISCRETE TIME SIGNAL PROCESSING			
Year	V	Semester/Section	V / B	Date of Submission:	12.09.2019	

Q No	Questions	COs	POs	PSOs
1	Find DFT of the following sequence using both DIT & DIF algorithm with $n = 0$ to 7 1. $x(n) = 2^n$ 2. $x(n) = \{1, 1, 1, 1, 1, 0, 0, 0\}$ 3. $x(n) = \{1, 1, 1, 1, 1, 1, 1, 1\}$ 4. $x(n) = \{0.5, 0.5, 0.5, 0.5, 0, 0, 0, 0\}$ 5. $x(n) = \{1, 0, 0, 0, 0, 0, 0, 0\}$ 6. $x(n) = \{0, 1, 2, 3, 4, 5, 6, 7\}$ 7. $x(n) = \{1, 2, 2, 1, 1, 2, 2, 1\}$ 8. $x(n) = \{2, 1, 2, 1, 1, 2, 1, 2\}$	C302.2	1 – 5, 8 – 12	1, 2
2	Solve the given input and impulse signal by using long data sequence method. 1. $x(n) = \{1, -1, 2, -1, 3, -3, 4, -4\}$ $h(n) = \{-1, 1\}$ 2. $x(n) = \{1, 2, 3, -1, -2, -2, 4, 5, 6\}$ $h(n) = \{2, 1, -1\}$ 3. $x(n) = \{1, 2, -1, 2, 3, -2, -3, -1, 1, 1, 2, -1\}$ $h(n) = \{1, 2\}$ 4. $x(n) = \{1, -1, 2, 1, 0, 1, -4, 3, 2, 1, 0, 1, 1\}$ $h(n) = \{1, 1, 2, 1\}$	C302.2	1 – 5, 8 – 12	1, 2

Mark Allocation

Description	Marks Allotted	Marks obtained
Content	6	4
Presentation	2	1
Submission	2	2
Total	10	7

G. Subramani 12/9/19
Name and Signature of the student

G. SUBRAMANI

H. S. Raju
HoD/ECE

[Handwritten Signature] 12/9/2019
Name and Signature of the Faculty In-charge
H. S. Raju



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 11.10.2019

Ref: SCE / Syllabus / Theory / 2019 - 20 - Odd Semester

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject DIGITAL COMMUNICATION, code
EC8501 for II year, V semester, department
of ECE B.E., / B.Tech., / M.B.A during the academic year 2019 - 20, odd semester.

In this regard, I confirm, that I have taught all the topics mentioned in the syllabus,
and took lectures for 65 Periods, revised syllabus for 5 Periods and
discussed the Anna University Examination question papers of the last 4 years.

Signature

: *P. Shyam*

Name

: P. Sharmugapriya

Designation

: Associate Professor

Department

: ECE

Date

: 11.10.2019

Signature of HoD

: *M. S. S. S. S.* 12/10/19

Principal

:



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 11.10.2019

Ref : SCE/Syllabus/Laboratory/2019-20-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 : S. Hariprasath

Signature : S. Rajeswari

Name : S. HARI PRASATH

Name : S. RAJESWARI / C.VENILA

Designation : ASST. PROFESSOR

Designation : ASST. PROFESSOR / PROFESSOR

Department : ECE

Signature of HoD : H. S. [Signature] 11/10/19

Principal :

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



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

LAB Schedule

Degree/Program: **B.E / ECE**
 Duration: **JAN 2019-MAY 2019**

Course code & Name: **EC6612 VLSI DESIGN LAB**
 Semester: VI Section: A Faculty : **J.EINDHUMATHY**

AIM

To introduce the students to Hardware description language (HDL) and the principles of VLSI circuit design in digital and analog domain.

OBJECTIVES

- To learn Hardware Descriptive Language (Verilog/VHDL)
- To learn the fundamental principles of VLSI circuit design in digital and analog domain
- To familiarize fusing of logical modules on FPGAs
- To provide hands on design experience with professional design (EDA) platforms.

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

Course	Course Outcome	POs	PSOs
C316.1	Apply HDL code for basic as well as advanced digital integrated circuits.	1,2,3,4,5,6,7,8,9,10	1,2
C316.2	Synthesize Place and Route the digital IPs.	1,2,3,4,5,6,7,9,10,11,12	1,2
C316.3	Import the logic modules into FPGA Boards	1,2,3,4,5,6,7,9,10,12	1,2
C316.4	Design different analog hardware circuits using front and back end tool	1,2,3,4,5,6,7,9,10,12	1,2
C316.5	Simulate to test the correctness of the circuit using suitable tool & Extract the layouts of Analog IC Blocks	1,2,3,4,5,6,7,9,10,12	1,2
C316.6	Create floor plan & Perform P&R simulation, static timing and power analysis.	1,2,3,4,5,6,7,8,9,10,12	1,2

S.No	Date Planned	Period Number	Title of the Experiment	Date Actual
CYCLE I EXPERIMENTS – XILINX 14.2 TOOL				
1	22.12.2018	2,3,4	HDL based design entry and simulation of adders (min 8 bit).	22.12.2018
2	4.01.2019	2,3,4	HDL based design entry and simulation of simple counters and multipliers (4 bit min).	4.01.2019
3	08.01.2019	2,3,4	HDL based design entry and simulation of state machines.	8.01.2019
4	18.01.2019	2,3,4	Synthesis, P&R and post P&R simulation of the components. Critical paths and static timing analysis results to be identified.	18.01.2019

			Identify and verify possible conditions under which the blocks will fail to work correctly.	
5	04.03.2019	2,3,4	Hardware fusing and testing of each of the blocks. Use of either chipscope feature (Xilinx) or the signal tap feature (Altera) is a must. Invoke the PLL and demonstrate the use of the PLL module for clock generation in FPGAs.	4.3.2019
CYCLE II EXPERIMENTS – CADENCE TOOL				
6	09.02.2019	2,3,4	Design and simulation of a simple 5 transistor differential amplifier. Measure gain, ICMR, and CMRR	9.2.2019
7	04.02.2019	2,3,4	Layout generation, parasitic extraction and resimulation of the circuit	4.2.2019
8	10.02.2019	2,3,4	Synthesis and Standard cell based design of a circuit. Identification of critical paths, power consumption.	10.2.2019
9	26.02.2019	2,3,4	P&R, power and clock routing, and post P&R simulation.	26.2.2019
10	26.02.2019	2,3,4	Analysis of results of static timing analysis.	26.2.2019
Model Lab				

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C316.1	1	1	1	1	1	1	1	1	1	2	-	-	1	1
C316.2	1	1	1	1	1	1	1	-	1	2	1	1	1	1
C316.3	2	2	1	1	1	1	1	-	1	2	-	1	2	2
C316.4	2	1	1	1	1	1	1	-	1	2	-	1	2	1
C316.5	2	1	1	1	1	1	1	-	1	2	-	1	2	1
C316.6	2	1	1	1	1	2	2	1	1	2	-	1	2	1

Content Beyond Syllabus Added (CBS)	POs strengthened / vacant filled	CO / Experiment
Traffic light controller	PO3 (2) strengthened	C316.3/ 3


SOFTWARE REQUIRED:

XILINX 14.2, CADENCE

HARDWARE:

SPARTAN FPGA KIT


Faculty In-charge


HOD/ECE

Year/ Sem/Sec	Subject Code	Name of faculty	Sem: ODD/ ENGINEERING														
			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 %
EC8392	IA Test		58	57	1	36	36	58	57	1	20	65	58	57	1	47	77.5
	Make up Test		37	36	1	23	36	21	20	0	12	40					
	Remarks	More subdivisions have been asked in Q.P. Students confused with different problems.															
EC8393	IA Test		57	57	0	19	66	58	57	1	19	66	58	53	5	25	52.8
	Make up Test		19	18	0	18	0	20	17	3	4	76					
	Remarks	Students made mistakes in programming logic.															
MA8352	IA Test		59	56	1	29	48	58	57	1	15	74	58	58	0	53	8.6
	Make up Test		30	30	0	23	23	16	14	2	12	14					
	Remarks	They didn't study Theorem They felt difficult.															
Signature of QAC members with name			1. P. Shyamprasad P. Shammugapriya 2. M. R. U... [M. PREMALATHA] 1. P. Shyamprasad P. Shammugapriya 2. S. Ponpandi Ar. S. Pruthi A. S. Pruthi Ar. S. Pruthi M. S. Pruthi Ar. S. Pruthi														
Signature of HOD			M. S. Pruthi														
Principal			M. S. Pruthi														



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	ECE
Academic Year	
2017 - 2018 / ODD	

Course End Survey - Consolidated Report

Course Code & Title	: EC6304	ELECTRONIC CIRCUITS I			
NBA Course Code	: C206	Faculty Name	J.EINDHUMATHY & V.KAVITHA		
Year	: II	Semester: III	No. of Entry	: 100	
COs	Course Outcome Questions			Attained Level	%
C206.1	Will be able to design, construct and analyze the operations of circuits with transistor biasing			2.14	71.33
C206.2	Will be able to design, construct and analyze the operations of simple amplifier circuits			2.12	70.67
C206.3	Will be able to understand, evaluate, construct and analyze the small signal equivalent circuits of transistors			2.2	73.33
C206.4	Will be able to design and analyze the operations of large signal amplifiers			1.96	65.33
C206.5	Will be able to design and analyze the Integrated Circuit Amplifiers			2.01	67.00
C206.6	Will be able to evaluate and Compare different types of amplifiers			2.19	73.00



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	ECE
Academic Year	
2017 – 2018 / ODD	

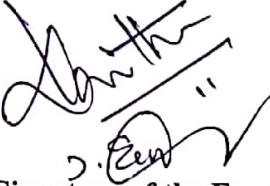
Course End Survey – Entry Details

Course Code & Title	: EC6304	ELECTRONIC CIRCUITS I	
NBA Course Code	: C206	Faculty Name	J.EINDHUMATHY & V.KAVITHA
Year	: II	Semester: III	No. of Entry : 100

BATCHNO	SUBCODE	CO1	CO2	CO3	CO4	CO5	CO6	DATE	BRANCH	SEM	SEC	SEMPERIOD
192001	EC6304	3	3	2	3	2	2	06-OCT-17	ECE	3	A	17-18ODD
192002	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192003	EC6304	2	1	2	1	2	1	06-OCT-17	ECE	3	A	17-18ODD
192005	EC6304	1	2	2	1	2	2	06-OCT-17	ECE	3	A	17-18ODD
192007	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192009	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192010	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192011	EC6304	3	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192012	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192013	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192014	EC6304	2	3	3	2	3	2	06-OCT-17	ECE	3	A	17-18ODD
192015	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192016	EC6304	1	1	2	1	2	2	06-OCT-17	ECE	3	A	17-18ODD
192017	EC6304	2	1	2	1	2	2	06-OCT-17	ECE	3	A	17-18ODD
192018	EC6304	2	2	2	2	1	1	06-OCT-17	ECE	3	A	17-18ODD
192019	EC6304	3	2	3	2	2	1	06-OCT-17	ECE	3	A	17-18ODD
192020	EC6304	2	1	1	1	2	1	06-OCT-17	ECE	3	A	17-18ODD
192021	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192022	EC6304	2	1	2	2	1	2	06-OCT-17	ECE	3	A	17-18ODD
192023	EC6304	1	1	0	1	1	2	06-OCT-17	ECE	3	A	17-18ODD
192024	EC6304	2	2	3	2	3	2	06-OCT-17	ECE	3	A	17-18ODD
192027	EC6304	2	2	2	1	2	2	06-OCT-17	ECE	3	A	17-18ODD
192028	EC6304	3	3	3	3	3	2	06-OCT-17	ECE	3	A	17-18ODD
192030	EC6304	3	3	3	2	2	3	06-OCT-17	ECE	3	A	17-18ODD
192031	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192032	EC6304	3	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192033	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192034	EC6304	2	2	2	1	2	2	06-OCT-17	ECE	3	A	17-18ODD
192035	EC6304	3	2	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192036	EC6304	3	3	3	2	2	3	06-OCT-17	ECE	3	A	17-18ODD
192037	EC6304	2	2	2	1	1	2	06-OCT-17	ECE	3	A	17-18ODD
192038	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192039	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192040	EC6304	1	2	2	1	1	2	06-OCT-17	ECE	3	A	17-18ODD
192042	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192043	EC6304	3	2	2	2	3	3	06-OCT-17	ECE	3	A	17-18ODD
192045	EC6304	1	1	1	1	1	3	06-OCT-17	ECE	3	A	17-18ODD
192046	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192047	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192048	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD

192049	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192050	EC6304	2	2	2	1	1	1	06-OCT-17	ECE	3	A	17-18ODD
192051	EC6304	2	2	2	3	2	3	06-OCT-17	ECE	3	A	17-18ODD
192052	EC6304	2	2	2	2	2	2	06-OCT-17	ECE	3	A	17-18ODD
192054	EC6304	1	1	1	1	1	1	06-OCT-17	ECE	3	A	17-18ODD
192055	EC6304	3	3	2	3	2	3	06-OCT-17	ECE	3	A	17-18ODD
192056	EC6304	2	3	1	2	2	2	07-OCT-17	ECE	3	B	17-18ODD
192059	EC6304	3	3	3	3	3	3	07-OCT-17	ECE	3	B	17-18ODD
192063	EC6304	2	1	2	1	2	1	07-OCT-17	ECE	3	B	17-18ODD
192064	EC6304	2	1	2	1	2	1	06-OCT-17	ECE	3	B	17-18ODD
192066	EC6304	1	0	1	0	1	0	06-OCT-17	ECE	3	B	17-18ODD
192067	EC6304	3	2	2	3	2	1	06-OCT-17	ECE	3	B	17-18ODD
192068	EC6304	2	2	3	2	1	3	06-OCT-17	ECE	3	B	17-18ODD
192069	EC6304	2	2	2	1	1	2	06-OCT-17	ECE	3	B	17-18ODD
192070	EC6304	1	2	0	3	1	2	06-OCT-17	ECE	3	B	17-18ODD
192071	EC6304	3	3	3	3	3	3	06-OCT-17	ECE	3	B	17-18ODD
192072	EC6304	2	2	2	1	1	2	06-OCT-17	ECE	3	B	17-18ODD
192073	EC6304	2	2	2	1	1	2	06-OCT-17	ECE	3	B	17-18ODD
192074	EC6304	2	2	3	2	2	3	06-OCT-17	ECE	3	B	17-18ODD
192075	EC6304	2	2	2	1	1	1	07-OCT-17	ECE	3	B	17-18ODD
192076	EC6304	2	3	3	2	2	2	06-OCT-17	ECE	3	B	17-18ODD
192077	EC6304	2	2	2	3	3	3	06-OCT-17	ECE	3	B	17-18ODD
192078	EC6304	2	3	2	1	2	2	06-OCT-17	ECE	3	B	17-18ODD
192080	EC6304	3	2	3	2	3	2	06-OCT-17	ECE	3	B	17-18ODD
192081	EC6304	2	3	3	3	2	2	06-OCT-17	ECE	3	B	17-18ODD
192082	EC6304	3	3	3	3	3	3	07-OCT-17	ECE	3	B	17-18ODD
192084	EC6304	3	3	3	3	3	3	07-OCT-17	ECE	3	B	17-18ODD
192085	EC6304	2	2	3	3	2	3	06-OCT-17	ECE	3	B	17-18ODD
192086	EC6304	3	3	3	3	3	3	07-OCT-17	ECE	3	B	17-18ODD
192087	EC6304	2	2	2	1	2	1	07-OCT-17	ECE	3	B	17-18ODD
192088	EC6304	3	2	3	3	3	3	06-OCT-17	ECE	3	B	17-18ODD
192089	EC6304	1	2	1	2	2	3	07-OCT-17	ECE	3	B	17-18ODD
192090	EC6304	2	2	2	1	1	1	07-OCT-17	ECE	3	B	17-18ODD
192091	EC6304	3	2	3	3	2	2	06-OCT-17	ECE	3	B	17-18ODD
192092	EC6304	2	2	1	0	1	2	06-OCT-17	ECE	3	B	17-18ODD
192093	EC6304	3	3	2	2	3	3	06-OCT-17	ECE	3	B	17-18ODD
192095	EC6304	1	3	3	3	3	3	06-OCT-17	ECE	3	B	17-18ODD
192096	EC6304	2	3	3	2	2	3	06-OCT-17	ECE	3	B	17-18ODD
192097	EC6304	3	2	3	2	2	2	06-OCT-17	ECE	3	B	17-18ODD
192099	EC6304	2	2	3	3	2	2	07-OCT-17	ECE	3	B	17-18ODD
192100	EC6304	0	0	0	0	0	2	07-OCT-17	ECE	3	B	17-18ODD
192101	EC6304	1	1	1	1	1	1	07-OCT-17	ECE	3	B	17-18ODD
192102	EC6304	2	2	3	3	2	2	07-OCT-17	ECE	3	B	17-18ODD
192103	EC6304	2	2	3	2	2	2	06-OCT-17	ECE	3	B	17-18ODD
192104	EC6304	2	3	2	3	3	3	06-OCT-17	ECE	3	B	17-18ODD
192105	EC6304	2	1	2	3	2	2	06-OCT-17	ECE	3	B	17-18ODD
192106	EC6304	2	2	2	3	3	3	07-OCT-17	ECE	3	B	17-18ODD
192107	EC6304	2	2	3	2	2	3	07-OCT-17	ECE	3	B	17-18ODD
192108	EC6304	3	3	3	1	1	1	07-OCT-17	ECE	3	B	17-18ODD
192109	EC6304	1	2	1	1	1	2	06-OCT-17	ECE	3	B	17-18ODD
192110	EC6304	1	1	2	1	1	2	06-OCT-17	ECE	3	B	17-18ODD
192111	EC6304	3	3	3	2	2	3	06-OCT-17	ECE	3	B	17-18ODD
192112	EC6304	2	2	0	2	2	1	06-OCT-17	ECE	3	B	17-18ODD
192114	EC6304	2	2	2	2	2	3	06-OCT-17	ECE	3	B	17-18ODD

192115	EC6304	2	2	1	2	2	2	07-OCT-17	ECE	3	B	17-18ODD
192116	EC6304	1	1	2	1	1	2	06-OCT-17	ECE	3	A	17-18ODD
192117	EC6304	2	2	3	3	3	3	06-OCT-17	ECE	3	A	17-18ODD
192118	EC6304	2	2	2	1	1	3	07-OCT-17	ECE	3	B	17-18ODD
192120	EC6304	1	2	1	0	1	1	07-OCT-17	ECE	3	B	17-18ODD
192122	EC6304	1	2	2	1	2	2	06-OCT-17	ECE	3	B	17-18ODD
ATTAINED LEVEL		2.14	2.12	2.20	1.96	2.01	2.19					
%		71.3	70.66	73.33	65.33	67	73					


 Signature of the Faculty In-charge


 HOD/ECE

SARANATHAN COLLEGE OF ENGINEERING
Faculty FeedBack Report of ECE Department during SEP-2018

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
Weightage ->					15	15	8	12	12	12	4	6	8	8	100
1	vaishnavi-ece	CSE-A/3	56	EC8395/Communication Engineering	10.29	9.38	5.17	6.56	5.91	6.64	2.3	3.92	5.23	5.11	60.51
2	sivagamasundhari-ece	CSE-B/3	56	EC8395/Communication Engineering	11.3	11.09	6.06	8.53	7.67	8.4	2.99	4.29	6.03	5.63	71.98
3	barithabegum-ece	ECE-A/3	56	EC8351/Electronic Circuits- I	12.38	12.11	6.63	9.86	9.99	9.81	3.27	4.76	6.26	6.51	81.57
4	santhim	ECE-A/3	56	EC8352/Signals And Systems	12.86	12.7	6.57	9.17	7.54	8.87	2.9	4.71	6.49	4.57	76.38
5	eindhumathy-ece	ECE-A/3	56	EC8392/Digital Electronics	12.27	11.84	6.29	9.09	8.06	9.09	2.97	4.56	6.2	6.09	76.44
6	hariprasath-ece	ECE-A/5	49	EC6501/Digital Communication	12.43	12.55	6.14	9.75	9.21	9.75	3.15	4.92	6.66	6.82	81.38
7	sivakannu-ece	ECE-A/5	49	EC6502/Principles Of Digital Signal Processing	14.02	13.71	7.22	10.97	10.87	11.22	3.66	5.36	7.18	7.12	91.33
8	shanmugapriya-ece	ECE-A/5	49	EC6503/Transmission Lines And Wave Guides	12.24	12.06	6.37	9.36	8.38	9.21	3.27	5.02	6.63	6.43	78.96
9	dinesh-ece	ECE-A/5	49	EC6504/Microprocessor And Microcontroller	12.61	11.88	6.73	9.75	9.45	9.16	3.48	4.85	6.69	6.3	80.9
10	saravanan-ece	ECE-A/7	64	EC6004/Satellite Communciation	10.03	9.75	5.65	7.46	7.35	7.39	2.41	4.48	5.68	4.53	64.72
11	shanmugapriya-ece	ECE-A/7	63	EC6007/Speech Processing	11.19	11.1	5.69	8	7.58	7.96	2.84	4.36	5.46	5.64	69.82
12	lakshmi-ece	ECE-A/7	63	EC6016/Opto Electronic Devices	10.76	10.33	5.46	8.27	7.16	7.92	2.65	4.29	5.61	5.74	68.2
13	arunmozhi-ece	ECE-A/7	63	EC6701/RF And Microwave Engineering	11.81	11.86	5.87	8.61	8.04	8.8	2.97	4.34	5.89	5.92	74.1
14	rajeswaris-ece	ECE-A/7	63	EC6702/Optical Communication And Networks	12.67	12.86	6.15	9.94	10.55	9.56	3.17	4.93	6.73	6.6	83.17
15	devi-ece	ECE-A/7	64	EC6703/Embedded And Real Time Systems	11.77	11.81	6.15	9.68	8.93	9.3	3.26	4.86	6.28	6.55	78.57
16	sriramanbalaji-ece	ECE-B/3	55	EC8351/Electronic Circuits- I	13.2	13.25	6.43	10.12	10.65	10.43	2.94	5.15	6.66	7.19	86.02
17	mohan-ece	ECE-B/3	55	EC8352/Signals And Systems	12.44	12.49	5.27	9.21	9.86	9.73	3.32	4.52	5.88	6.87	79.57
18	eindhumathy-ece	ECE-B/3	55	EC8391/Control Systems Engineering	13.09	12.87	6.6	9.6	8.07	9.64	3.26	4.84	6.55	6.43	80.96
19	ramyav-ece	ECE-B/3	55	EC8392/Digital Electronics	13.36	13.04	6.2	10.39	9.47	10.21	3.32	5	6.63	6.84	84.44
20	barithabegum-ece	ECE-B/5	51	EC6501/Digital Communication	12.18	11.24	6.34	9.88	9.18	9.18	3.14	4.85	6.27	6.24	78.49
21	padmaa-ece	ECE-B/5	51	EC6502/Principles Of Digital Signal Processing	12.82	13.18	5.33	9.32	9.22	10.02	3.01	4.68	6.31	6.84	80.74
22	lakshmi-ece	ECE-B/5	52	EC6503/Transmission Lines And Wave Guides	12.17	11.31	5.26	9.37	8.03	9.14	3.11	4.87	6.46	6.15	75.87
23	vennila-ece	ECE-B/5	51	EC6504/Microprocessor And Microcontroller	13.12	13.18	6.81	9.55	9.32	9.74	3.39	5.06	6.62	4.93	81.71

24	hariprasath-ece	ECE-B/7	55	EC6004/Satellite Communication	12.71	12.38	5.67	8.07	8.25	8.99	2.47	4.54	6.55	6.92	76.55
25	anila-ece	ECE-B/7	57	EC6007/Speech Processing	11.79	11.37	6.06	9.14	8.59	8.59	3	4.32	6.01	6.57	75.43
26	vennila-ece	ECE-B/7	57	EC6016/Opto Electronic Devices	12.63	12.89	6.85	9.85	9.35	9.56	3.49	4.82	6.43	5.53	81.41
27	sairam-ece	ECE-B/7	57	EC6701/RF And Microwave Engineering	10.68	10.47	5.98	8.72	8.08	8.34	3	4.36	5.5	4.88	70.02
28	malaisamy-ece	ECE-B/7	57	EC6702/Optical Communication And Networks	10.63	10.63	6.32	9.68	8.17	8.76	3.23	4.44	5.75	5.89	73.51
29	sivagamasundhari-ece	ECE-B/7	56	EC6703/Embedded And Real Time Systems	11.09	10.82	5.43	8.4	8.06	8.49	2.77	4.35	5.71	5.91	71.03
30	anthuvanlydia-ece	EEE-A/5	58	EE6502/Microprocessors And Microcontrollers	11.84	11.12	6.12	8.81	7.24	8.15	2.63	4.3	5.9	6.29	72.43
31	ramyav-ece	EEE-B/5	61	EE6502/Microprocessors And Microcontrollers	12.2	11.66	6.27	8.18	6.02	8.26	2.68	4.43	6.4	6.74	72.83
32	malaisamy-ece	ICE-A/5	54	EE6502/Microprocessors And Microcontrollers	8.56	7.94	4.92	5.91	4.93	6.89	2.25	3.78	4.86	3.67	53.71
33	vaishanavi-ece	IT-A/3	51	EC8394/Analog And Digital Communication	10.29	9.53	5.4	7.48	6.92	7.2	2.62	4.09	5.4	5.33	64.26
34	mahendran-ece	IT-A/5	58	EC6801/Wireless Communication	9.05	8.33	4.86	5.38	5.05	6.41	2	3.35	4.52	3.97	52.92
35	koushick-ece	IT-A/5	58	IT6502/Digital Signal Processing	12.21	11.84	5.79	9.93	7.41	9.06	3.13	4.39	5.85	6.79	76.4
36	mohan-ece	MECS-A/1	9	AP5152/Advanced Digital Signal Processing	11.67	12	5.69	8.53	9.6	9.07	2.93	4.4	5.69	6.04	75.62
37	saravanan-ece	MECS-A/1	9	CU5091/Advanced Satellite Communication And Navigation System	12.67	12.33	6.93	10.13	9.87	9.6	3.11	4.8	6.58	6.4	82.42
38	mahendran-ece	MECS-A/1	9	CU5151/Advanced Digital Communication Systems	11.33	10.67	6.04	8.27	8.27	8.27	2.67	4.27	5.69	5.69	71.16
39	koushick-ece	MECS-A/1	9	CU5191/Advanced Radiation Systems	12.33	13	6.58	10.13	9.6	9.87	3.38	4.8	6.4	6.4	82.49
40	rajeswaris-ece	MECS-A/1	9	CU5192/Optical Networks	12.33	13	6.58	8.53	8.8	9.07	2.93	4.67	6.58	6.04	78.53
41	sivakannu-ece	MECS-A/3	11	CU5301/Millimeter Wave Communication	12	12	6.4	8.73	9.38	9.38	2.98	4.8	6.4	6.98	79.05
42	padma-ece	MECS-A/3	11	MU5091/Multimedia Compression Techniques	14.45	14.45	7.27	11.56	10.91	11.13	3.93	5.45	7.42	7.56	94.15
43	arunmozhi-ece	MECS-A/3	11	NC5291/Communication Network Security	12.82	13.09	6.11	9.6	9.16	8.51	3.05	4.8	6.11	6.4	79.65

H. S. S.
HOD/ECE



**SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI-12**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty Report on Corrective Action (Student Feedback)

NAME: S. Saravanan
 SUBJECT: Communication Engineering
 CODE: EC8395
 ACADEMIC YEAR: 2018-2019 SEM: IV

					TOTAL SCORE(OUT OF 100): <u>54.65</u>			SEC: <u>A</u>	
1	2	3	4	5	6	7	8	9	10
Does the faculty come prepared for the classes?	Subject Knowledge and Clarity of the Faculty	Impartiality and Fairness to Students?	Interaction with Students by the faculty	Valuable/ Extra Information given during the Lectures by the faculty	Enthusiasm for Subject?	Counselling and being Friendly	Punctuality in Evaluation of Exam Papers/ Assignments?	Ability to Ensure Steady Pace coverage of Syllabus	Ability to Speak Loudly and Clearly
15	15	8	12	12	12	4	6	8	8
<u>9.38</u>	<u>8.73</u>	<u>4.6</u>	<u>5.72</u>	<u>5.63</u>	<u>6.46</u>	<u>1.99</u>	<u>3.45</u>	<u>4.71</u>	<u>3.99</u>

CORRECTIVE ACTION:
 → I will be interactive with the students in the forth coming classes.
 → I will give extra information related to the subject.

REMARKS BY HOD:

- * Interact with the students while handling class.
- * Provide additional information related to the topic being handled.

M. S. S.
HOD/ECE

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12

Academic Planner for ODD semester(2019-20) - II,III & IV YEAR UG

JUNE 19			JULY 19			AUG 19			SEP 19			OCT 19			NOV 19		
DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS	DAY	DETAILS
01 SAT		01 MON		01 THU		01 SUN		01 SUN	Holiday Vinayagar Chuthurthi	01 TUE		01 TUE		01 FRI		01 FRI	
02 SUN	Holiday	02 TUE		02 FRI		02 MON		02 MON		02 WED		02 WED		02 SAT		02 SAT	
03 MON		03 WED		03 SAT	Holiday	03 TUE		03 TUE		03 THU		03 THU		03 SUN		03 SUN	
04 TUE		04 THU		04 SUN	Holiday	04 WED		04 WED		04 FRI		04 FRI		04 MON		04 MON	
05 WED	Environmental day & Ramzan	05 FRI		05 MON		05 THU		05 THU	Teachers day	05 SAT		05 SAT		05 TUE		05 TUE	
06 THU		06 SAT	Holiday	06 TUE		06 TUE		06 FRI		06 SUN		06 SUN		06 WED		06 WED	
07 FRI		07 SUN	Holiday	07 WED		07 WED		07 SAT		07 MON		07 MON		07 THU		07 THU	
08 SAT		08 MON		08 THU		08 THU		08 SUN	Holiday	08 TUE		08 TUE		08 FRI		08 FRI	
09 SUN	Holiday	09 TUE		09 FRI		09 FRI		09 MON		09 WED		09 WED		09 SAT		09 SAT	
10 MON		10 WED		10 SAT		10 SAT		10 TUE		10 THU		10 THU		10 SUN		10 SUN	
11 TUE		11 THU		11 SUN	Holiday	11 SUN		11 WED	Moharam	11 FRI		11 FRI		11 MON		11 MON	
12 WED		12 FRI		12 MON		12 MON	International youth day & Bakrid	12 THU		12 SAT		12 SAT		12 TUE		12 TUE	
13 THU		13 SAT		13 TUE		13 TUE		13 FRI	Project day	13 SUN		13 SUN		13 WED		13 WED	
14 FRI		14 SUN	Holiday	14 WED		14 WED		14 SAT	Project day	14 MON		14 MON		14 THU		14 THU	
15 SAT		15 MON		15 THU		15 THU	Avani Avitram & Independence Day	15 SUN	Engineers day	15 TUE		15 TUE		15 FRI		15 FRI	
16 SUN	Holiday	16 TUE		16 FRI	IA test 2	16 FRI		16 MON		16 WED		16 WED		16 SAT		16 SAT	
17 MON		17 WED	IA test 1	17 SAT	IA test 2	17 SAT		17 TUE		17 THU		17 THU		17 SUN		17 SUN	
18 TUE		18 THU	IA test 1	18 SUN	Holiday	18 SUN		18 WED		18 FRI		18 FRI		18 MON		18 MON	
19 WED		19 FRI	IA test 1	19 MON	IA test 2	19 MON		19 THU		19 SAT		19 SAT		19 TUE		19 TUE	
20 THU	III,V, VII sem classes commences	20 SAT		20 TUE	IA test 2	20 TUE		20 FRI		20 SUN		20 SUN		20 WED		20 WED	
21 FRI		21 SUN	Holiday	21 WED	IA test 2	21 WED		21 SAT	Holiday	21 MON		21 MON		21 THU		21 THU	
22 SAT		22 MON	IA test 1	22 THU	IA test 2	22 THU		22 SUN	Holiday	22 TUE		22 TUE		22 FRI		22 FRI	
23 SUN	Holiday	23 TUE	IA test 1	23 FRI	Gokulashthami	23 FRI		23 MON	Holiday	23 WED		23 WED		23 SAT		23 SAT	
24 MON		24 WED		24 SAT	Holiday	24 SAT		24 TUE	Feedback (Mech,EEE)	24 THU		24 THU		24 SUN		24 SUN	
25 TUE		25 THU		25 SUN	Holiday	25 SUN		25 WED	Feedback (CSE,Civil,ICE)	25 FRI		25 FRI		25 MON		25 MON	
26 WED		26 FRI		26 MON		26 MON	Lab record work completion	26 THU	Synnis completion	26 SAT		26 SAT		26 TUE		26 TUE	
27 THU		27 SAT	Holiday	27 TUE		27 TUE		27 FRI	Synnis revision	27 SUN		27 SUN		27 WED		27 WED	
28 FRI	Staff tour	28 SUN	Holiday	28 WED		28 WED		28 SAT		28 MON		28 MON		28 THU		28 THU	
29 SAT	Holiday	29 MON	(CSE,Civil,ICE) reexam	29 THU		29 THU		29 SUN	Holiday	29 TUE		29 TUE		29 FRI		29 FRI	
30 SUN	Holiday	30 TUE	(ECE, IT) reexam	30 FRI		30 FRI		30 MON	Holiday	30 WED		30 WED		30 SAT		30 SAT	
		31 WED	(Mech,EEE) reexam	31 SAT		31 SAT		31 TUE		31 THU		31 THU		31 SUN		31 SUN	
	No. of Working days		7		25		76				22		22		0		

Total No. of working days for the semester: 76

ANNA UNIVERSITY: : CHENNAI – 600 025
ACADEMIC SCHEDULE
ACADEMIC YEAR 2018 – 2019

December 2018 – May 2019 Session (EVEN SEMESTER – Except II Semester)

UG & PG Degree Programmes offered in Affiliated Engineering Colleges

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, VIII	19.12.2018	22.03.2019**	25.03.2019	08.04.2019
2.	B.E. / B.Tech. (Part-Time)	IV, VI				
3.	B.Arch. (Full-Time)	IV, VI, VIII, X				
4.	M.E. / M.Tech. / M.Arch. (FT)	IV				
5.	M.C.A. (Full-Time)	IV, VI				
6.	M.B.A. (FT)	IV				
7.	M.Sc (5 Yrs-Integrated)	IV, VI, VIII, X				
8.	M.B.A. (5 Yrs-Integrated)	IV, VI				

RE - OPENING DAY FOR THE NEXT SEMESTER: 01.07.2019 (Monday)

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.	22.12.2018	Tuesday
2.	29.12.2018	Tuesday
3.	05.01.2019	Tuesday
4.	12.01.2019	Wednesday
5.	19.01.2019	Thursday
6.	02.02.2019	Monday

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
7.	09.02.2019	Tuesday
8.	16.02.2019	Wednesday
9.	23.02.2019	Thursday
10.	02.03.2019	Friday
11.	09.03.2019	Monday
12.	16.03.2019	Tuesday


DIRECTOR
ACADEMIC COURSES

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjapur, Trichy 620012

Department of Electrical and Electronics Engineering

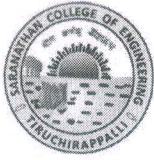
Workload-Allocation for the Academic Year 2018-2019 (Even)

S.No	Name of the Staff	Designation	Subject		Total No. of Hours per cycle
			Theory (year/branch/sec)	Laboratory /Workshop/Training	
1	Dr.C.Krishnakumar	Prof. & Head	1. EE 6801-EEGUC (IV-B)-5		5
2	Dr.S.Thamizharasan	Assoc.Prof.	1. EE 8401-EM-II (II-B)-6 2. EE 6604 DEM (III-A)-6	1. EE8411-EM-II Lab (II-B) -6 2. EE6811- Project Coordinator(UG) -3	21
3	Dr.S.Vijayalakshmi	Assoc.Prof.	1. EE 8403-M&I (II-A) -4 2. EE 6010 HVDCT (IV-A) -5	1. EI 8461 Devices & Machines Lab (II/ICE) -6 2. BE8261 BEEE Lab (I/Mech-A) Slot-1 -3 3. EE8412 Technical Seminar(II-A) -2	20
4	Mr.B.Paranthagan	Assoc.Prof.	1. EE 6002-PST (III-A) -4 2. EE 8402 T&D (II-A) -6	1. EE8411-EM-II Lab (II-A) -6 2. GE8261 EP Lab (I/ICE, ECE-B) Slot-1 -3 3. EE6811- Project Coordinator(UG) -3	22
5	Mr.R.Balsubramanian	Assoc.Prof.	1. EE 8251 CT (I/EEE-A) -6 2. IC8451 CS (II-A) -5	1. EE8411-EM-II Lab (II-A) Slot-1 -3 2. EE8261 Electric Ckts Lab (I/EEE-A) -6	21
6	Mr.M.Marimuthu	AP	1. EE 6602 ES (III-B) -4 2. BE8255 BEEME (I/CSE-A) -5	1. GE 8261 EP Lab (I/CSE-A) -3 2. EE6613-Presentation Skills and Technical Seminar(III-B) -4 3. EE6611 PE Lab (III-A) slot-II -3 4. EE6811-Project Monitoring (2=1) 5. PX5212- Mini Project (I/PE&D) -3	21
7	Mrs.C.Pearline kamalini	AP	1. EE6601 SSD (III-B) -5 2. PS5071 DG&MG(I/PE&D) -4	1. EE6611 PE Lab (III-A) Slot-II -3 2. EE6611 PE Lab (III-B) -6 3. EE6811-Project Monitoring (4=2)	20
8	Mr.S.Ramprasad	AP	1. EE6601 SSD (III-A) -5	1. EE6611 PE Lab (III-A) -6 2. EE6611 PE Lab (III-B) Slot-II -3 3. PX 5211 Electrical Drives Lab (I/PE&D) -3 4. EE6811 - Project Coordinator(UG) -3 5. EE6811- Project Monitoring (2=1)	21
9	Mr.P.K.Arunkumar	AP	1. EE 6801-EEGUC (IV-A) -5 2. EE 6604 DEM (III-B) -6	1. BE8261 BEEE Lab (I/Mech-B) -6 2. EE8411-EM-II Lab (II-A) Slot-II -3 3. EE6811-Project Monitoring (2=1)	21
10	Mr.P.Ramesh babu	AP	1. EE 8401-EM-II (II-A) -6 2. PX5251-SEM(I/PE&D) -4	1. EE8411-EM-II Lab (II-A) -6 2. PX 5211 Electrical Drives Lab (I/PE&D) -3 3. EE6811-Project Monitoring (4=2)	21
11	Mr.N.Vijayasarithi	AP	1. EE 6010 HVDCT (IV-B) -5 2. BE8255 BEE&ME(I/IT) -5	1. EE6611 PE Lab (III-B) -6 2. GE 8261 EP Lab (I/EEE-A, Mech-A) Slot-II -3 3. EE6811-Project Monitoring (4=2)	21
12	Mr.R.Venugopal	AP	1. EE8451 EM (II/ICE) -5 2. PX5202-SSD (I-PE&D) -4	1. EE8261 Electric Ckts Lab (I/EEE-A) Slot-I -3 2. EI 8461 Devices & Machines Lab (II/ICE) -6 3. EE6811-Project Monitoring(4=2)	20

13	Mr.R.Satheesh	AP	1. EE6603 PSOC (III-B) -5	1. EE8261 Electric Circuits Lab (I/EEE-A) -6 2. EE8261 Electric Circuits Lab (I/EEE-B) -6 3. T&P(2) 4. EE6811-Project Monitoring(2=1)	21
14	Mr.R.Vijay	AP	1. EE 6602 ES (III-A) -4 2. EE 8402 T&D (II-B) -6	1. EE8411-EM-II Lab (II-B) -6 2. EE6611 PE Lab (III-A) slot-I -3 3. EE6811-Project Monitoring(4=2)	21
15	Ms.N.Gayathri	AP	1. EE 8251 CT (I/EEE-B) -6 2. PX5201-A&D of Inverters (I/PE&D) -4	1. EE8261 Electric Ckts Lab (I/EEE-B) -6 2. GE 8261 EP Lab (I/CSE-A) -3 3. T&P(2)	21
16	Mr.S.Sivakumar	AP	1. IC8451 CS (II-B) -5 2. PX5004 MR&RC (I/PE&D) -4	1. EE8411-EM-II Lab (II-B) -6 2. BE8261 BEEIE Lab (I/Mech-A) Slot-II -3 3. EE6811-Project Monitoring(4=2)	20
17	Ms.N.Karthika	AP	1. BE 8254 BEIE (I/ECE-B) -5 2. BE8255 BEEME (I/CSE-B) -5	1. GE 8261 EP Lab (I/ECE-B,ICE) -6 2. BE8261 BEEIE Lab (I/Mech-B) -6 3. T&P(2)	22
18	Mr.T.Tamilarasan	AP	1. EE6603 PSOC (III-A) -5	1. BE8261 BEEIE Lab (I/Mech-A) -6 2. GE 8261 EP Lab (I/EEE-B,Mech-B) -6 3. T&P(2)	20
19	Mrs.K.Gaayathry	AP	1. EE 8403-M&I (II-B) -4 2. PX5252 - PQ (I/PE&D) -4	1. EE8261 Electric Ckts Lab (I/EEE-B) -6 2. EE6611 PE Lab (III-B) Slot-I -3 3. EE6613-Presentation Skills and Technical Seminar (III-A) -2 4. EE8412 Technical Seminar(II-B) -2	21
20	Ms. R.S.Priyaa Dharshini	AP	1. BE 8254 BEIE (I/ECE-A) -5	1. GE 8261 EP Lab (I/ECE-A,Civil) -6 2. GE 8261 EP Lab (I/EEE-A,MechA) Slot-I -3 3. GE 8261 EP Lab (I/IT) -6 4. T&P(2) 5. EE6811-Project Monitoring(4=2)	21
21	Dr.K.Rajkumar	AP	1. EE 6002-PST (III-B) -4	1. EI 8461 Devices & Machines Lab (II/ICE) slot-I -3 2. GE 8261 EP Lab (I/IT) -3 3. GE 8261 EP Lab (I/CSE B) -3 4. EE8261 Electric Ckts Lab (I/EEE-A) Slot-II -3 5. EE6611 PE Lab (III-A) Slot-I -3 6. EE6811 - Project Coordinator(UG) -3	22
22	Mr.P.Ram Prakash	AP	1. BE8253 BEEIE (I/Mech-B) -5	1. BE8261 BEEIE Lab (I/Mech-B) -6 2. GE 8261 EP Lab (I/CSE-B) -3 3. EI 8461 Devices & Machines Lab (II/ICE) Slot II -3 4. EE6811-Project Monitoring (6=3)	20
23	Mr.R.Sridhar	AP	1. BE8253 BEEIE (I/Mech-A) -5	1. BE8261 BEEIE Lab (I/Mech-A) -6 2. GE 8261 EP Lab (I/Mech-B,EEE-B) -6 3. EE6811- Project Monitoring (6=3)	20
24	Mr.N. Vigneshwaran	AP	1. BE8251 BEEEE(I/Civil) -5	1. GE 8261 EP Lab (I/Civil,ECE-A) -6 2. GE 8261 EP Lab (I/Mech-A,EEE-A) -6 3. GE 8261 EP Lab (I/ICE,ECE-B) Slot -II -3	20

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Principal



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



EVEN - 2017-18

REVIEW OF COURSE FILE

S.No.	Details	R-I-*	R-II-#	R-III-\$	R-IV-&	R-V-@
1. ✓	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy *	Y				
2. ✓	Timetable/Workload of the staff – Distribution of teaching load – Roles and Responsibilities*	Y				
3. ✓	Syllabus signed by staff & HoD*	Y				
4. ✓	Lecture Schedule signed by staff & HoD*	Y				
5. ✓	Course Committee meeting circular and minutes*	Y				
6. ✓	Identification of Curricular gap and Content Beyond the syllabus*	Y				
7. ✓	Previous AU Question papers (at least 5)*	Y				
8.	Unit wise Q&A and Objective type questions-20 questions in each unit with answers*	Y				
9. ✓	Unit wise course material *	Y				
10. ✓	Assignment question paper with sample answer sheets (at least 3) and mark entry #s&		Y	Y	Y	
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&		Y	Y	Y	
13. ✓	IA Test- Performance analysis-CAP-evidence-root cause analysis. #s&		Y	Y	Y	
14. ✓	Makeup Test –Q paper-Attendance-marks - sample answer papers #s&		Y	Y	-	
15. ✓	Remedial Test–Q paper-Attendance-marks - sample answer papers #s&		Y	Y	-	
16. ✓	AU Web portal entry sheet #s&		Y	Y	Y	
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&				Y	
23.	Course end survey &				Y	
24. ✓	Internal Assessment sheet &				Y	
25. ✓	AU question paper with students feedback @					Y
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					



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Lecture Schedule

Degree/Program: **B.E / EEE** Course code & Name: **EE6702 – Protection and Switchgear** Duration: **July 2018 -Oct 2018** Semester: **VII** Section: **B** Faculty : **P.K.Arun Kumar**

AIM

To introduce the students to the various abnormal operating conditions in power system and describe the apparatus and system protection schemes. Also to describe the phenomena of current interruption to study the various switchgears.

OBJECTIVES

- To educate the causes of abnormal operating conditions (faults, lightning and switching surges) of the apparatus and system.
- To introduce the characteristics and functions of relays and protection schemes.
- To impart knowledge on apparatus protection
- To introduce static and numerical relays
- To impart knowledge on functioning of circuit breakers

PRE-REQUISITE; Measurements and Instrumentation, Power System Analysis.

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

Course	Course Outcome	POs	PSOs
C402.1	Summarize the causes and effects of faults in power system and explain the necessity of protection in power system.	1,2,3,6,7,8,10,11,12	1,2
C402.2	Describe the operation of electromagnetic relays and draw their characteristic curves.	1,2,3,6,7,8,10,11,12	1,2
C402.3	List out the various faults that can occur on alternator, transformer, busbar and transmission line and select the suitable protection schemes.	1,2,3,6,7,8,10,11,12	1,2
C402.4	Synthesize the static relays using comparators and explain numerical relays.	1,2,3,6,7,8,10,11,12	1,2
C402.5	Derive the expression for RRRV, critical resistance value.	1,2,3,6,7,8,10,11,12	1,2
C402.6	Explain the construction details, working of various types of circuit breakers.	1,2,3,6,7,8,10,11,12	1,2

S.No	Date Planned	Period Number	Topics to be Covered	Book No [Page No]	Date Actual
UNIT I: PROTECTION SCHEMES					
				Target Period	
1	03.07.18	1	Principles and need for protective schemes	6 (1-6)	03.07.18-2
2	04.07.18	8	Nature and causes of faults	7 (1-13)	04.07.18-8
3	05.07.18	4	Types of faults	7 (1-13)	05.07.18-4
4	06.07.18	6	Fault current calculation using symmetrical components	6(107-114) 6(146-151)	06.07.18-5
5	07.07.18	4	Problem of ungrounded neutral	6(200-212)	06.07.18-6
6	10.07.18	1	Various methods of neutral grounding	6(200-212)	09.07.18-4
7	11.07.18	8	Protection schemes – Primary and backup	6(19-20)	10.07.18-1
8	12.07.18	4	Essential qualities of protection	6 (11-12)	11.07.18-8
9	13.07.18	6	Zones of protection	6(9-11)	12.07.18-4
UNIT II: ELECTROMAGNETIC RELAYS					
Target Periods : 9					
10	14.07.18	4	Operating principles of relays	1 (656-660)	13.07.18-6
11	15.07.18	1	Universal relay, Torque equation – R-X diagram		14.07.18-4
12	17.07.18	8	Electromagnetic Relays	1 (656-660)	17.07.18-8

13	18.07.18	4	Non directional over current relays – PSM, TMS, Time characteristics	1 (663-666)	18.07.18-4
14	19.07.18	6	Directional Relay. Directional overcurrent Relay.	1 (666-669)	19.07.18-6
15	21.07.18	4	Distance Relay. Impedance Relay – Types – Construction, Principle and Characteristics	1 (670-672)	21.07.18-3
16	26.07.18	8	Reactance Relay and Mho Relay – Types – Construction, Principle and Characteristics.	1 (673-675)	26.07.18-8
17	27.07.18	4	Differential Relay – Demerits. Biased Differential Relay. Voltage differential relay.	1 (679-682)	27.07.18-4
18	30.07.18	6	Negative sequence and Under frequency relays.	1 (685-687), 3(1242-1245)	30.07.18-6

Assignment 1

Date of Announcement : 17.07.18

Date of Submission : 06.08.18

IA Test-I - 23.07.18

UNIT III: APPARATUS PROTECTION

Target Periods : 9

19	31.07.18	4	CTs and PTs and their applications in protection schemes	6 (65-93)	31.07.18-4
20	01.08.18	1	Transformer Protection – Protection against internal fault, over fluxing, Over voltage.	1 (704-713)	01.08.18-1
21	06.08.18	4	Generator Protection – Protection against Stator Faults	1 (691-696)	06.08.18-4
22	07.08.18	6	Protection against Rotor Faults	1 (697-704)	07.08.18-5
23	08.08.18	1	Motor protection	1 (716),	07.08.18-6
24	09.08.18	4	Bus bar Protection	1(719-720)	09.08.18-4
25	10.08.18	6	Differential bus bar protection	1(719-720)	10.08.18-2
26	13.08.18	4	Transmission line protection	1(722-735)	10.08.18-6
27	14.08.18	6	Distance protection of Transmission line - zones of protection	1(722-735)	13.08.18-4

UNIT IV: STATIC RELAYS AND NUMERICAL PROTECTION

Target Periods : 9

28	16.08.18	4	Basis of Static relay development, Classification of Static Relays	5(180-187)	14.08.18-5
29	17.08.18	6	Phase Comparator	5(219-220)	16.08.18-4
30	18.08.18	2	Amplitude Comparator	5(213-219)	18.08.18-2
31	20.08.18	8	Synthesis of various relays using Static comparators	7(204-210)	20.08.18-8
32	21.08.18	4	Block diagram of Numerical relays	7(223-224)	21.08.18-4
33	23.08.18	6	Overcurrent protection of transmission lines	7(243-244)	23.08.18-6
34	24.08.18	4	Differential protection of transmission lines	7(245)	24.08.18-4
35	25.08.18	2	Distant protection of transmission lines	7(243-247)	25.08.18-2
36	30.08.18	8	Transformer protection using Numerical relays	Material	30.08.18-8

Assignment - 2

Date of Announcement : 06.08.18

Date of Submission : 03.09.18

IA Test-II : 27.08.18

UNIT V: CIRCUIT BREAKERS

Periods : 9

Target

37	31.08.18	4	Physics of arcing phenomenon and arc interruption	1 (593)	01-31.08.18
38	01.09.18	6	DC and AC circuit breaking	1 (635-636), 1 (593-595)	01.09.18-6
39	04.09.18	1	Re-striking voltage and recovery voltage, rate of rise of recovery voltage	1 (595-597)	04.09.18-1
40	05.09.18	8	Resistance switching - current chopping - interruption of capacitive current	1 (604-607), 1 (603-604)	05.09.18-8
41	07.09.18	6	Types of circuit breakers – air blast, air break	1 (608), 6 (547-548), 1 (615-619)	07.09.18-6 10.09.18-4
42	10.09.18	4	Oil circuit breaker	1 (608-612), 1 (613-615)	11.09.18-1
43	11.09.18	1	SF6 and vacuum circuit breakers	1 (626-630)	14.09.18-4
44	14.09.18	4	Comparison of different circuit breakers	1(189),5(334)	18.09.18-1
45	15.09.18	8	Rating and selection of Circuit breakers	6(565-570) 6(114-115)	19.09.18-8

				5(362-363)	
46			Content Beyond syllabus – Microprocessor Based Relays	-	20.09.19
Assignment - 3		Date of Announcement :		Date Of Submission :	
IA Test-III					

Books: Text/Reference

S. No	Title of the Book	Author	Publisher	Year
1	A Text Book on Power System Engineering	Soni.M.L, Gupta.P.V, Bhatnagar.V.S, Chakrabarti.A,	Dhanpat Rai & Co.,	1998.
2	A Text book of Power System Engineering	Rajput.R.K,	Laxmi Publications	2007
3	Switchgear and Protection	Sunil S. Rao	Khanna publishers	1986
4	Electrical Power Systems	Wadhwa.C.L	New Age International (P) Ltd,	2000
5	Power System Protection & Switchgear	Ravindranath.B and Chander.N,	New Age International Pvt Ltd Publishers	2011
6	Power System Protection and Switchgear	Badri Ram, Vishwakarma	Tata McGraw Hill	2001
7	Fundamentals of Power System Protection	Paithankar Y.G. and Bhide S.R	Prentice Hall of India	2003
8	Switchgear and Protection	J.B.Gupta	S.K.Kataria & Sons	2013

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C402.1	3	2	1	-	-	1	1	1	-	1	1	1	2	1
C402.2	3	2	1	-	-	1	1	1	-	1	1	1	2	1
C402.3	3	2	1	-	-	1	1	1	-	1	1	1	2	1
C402.4	3	2	1	-	-	1	1	1	-	1	1	1	2	1
C402.5	3	2	1	-	-	1	1	1	-	1	1	1	2	1
C402.6	3	2	1	-	-	1	1	1	-	1	1	1	2	1
C402	3	2	1	-	-	1	1	1	-	1	1	1	2	1

Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO / Unit
Microprocessor Based Relays	PO5 (1) vacant filled	C402.2 / II

WEB REFERENCE:

www.nptel.iitm.ac.in

Faculty Incharge

HoD/EEE.



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Assignment – 01			Date of Issue:	04.09.2017	Marks	10
Course code	EE6702	Course Title	Protection and Switchgear			
Year	IV	Semester/Section	VII / A & B	Date of Submission:	18.09.2017	

Q.No	Questions	CO	PO	PSO
1	Explain in detail the protection of motor against stator and rotor faults.	C402.3	1,2,3	1,2
2	Explain in detail the protection of generator against stator and rotor faults.	C402.3	1,2,3	1,2

Name and Signature of the Faculty Incharge

HoD/EEE



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Tutorial – 01			Date of Issue:	04.09.2017	Marks	10
Course code	EE6702	Course Title	Protection and Switchgear			
Year	IV	Semester/Section	VII / A & B.	Date of Submission:	18.09.2017	

Q.No	Questions	CO	PO	PSO														
1	A 50Hz overhead line has the line to ground capacitance of 1.2 μ F. It is decided to use a ground fault neutralizer. Determine the reactance to neutralize the capacitance of (i) 100% of the length of line (ii) 95% of the length of line (iii) 80% of the length of line.	C402.1	1,2,3	1,2														
2	Determine the time of operation of 5A, 3 seconds, overcurrent relay having a current setting of 125% and a time multiplier of 0.6 connected to supply through a 400/5 A current transformer when the circuit carries a fault current of 4000A. use the data given below. <table border="1" style="margin-left: 40px;"> <tr> <td>Plug setting multiplier</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> <td>12</td> </tr> <tr> <td>Time in seconds</td> <td>9</td> <td>5.8</td> <td>4.2</td> <td>3.5</td> <td>3</td> <td>2.8</td> </tr> </table>	Plug setting multiplier	2	4	6	8	10	12	Time in seconds	9	5.8	4.2	3.5	3	2.8	C402.1	1,2,3	1,2
Plug setting multiplier	2	4	6	8	10	12												
Time in seconds	9	5.8	4.2	3.5	3	2.8												
3	A 50Hz, three phase alternator with grounded neutral has an inductance of 1.6mH per phase and is connected to the bus through a circuit breaker. The capacitance to earth of the circuit between the alternator and the circuit breaker is 0.0032 μ F per phase. Due to a short on the bus bars the breakers are opens when the rms value of current is 8000A. Determine the frequency of oscillations, active recovery voltage, time for maximum RRRV and maximum RRRV.	C402.5	1,2,3	1,2														

Name and Signature of the Faculty Incharge

HoD/EEE

EE8361 – Electrical Engineering Lab - cycle 1

Expt. No.	Name of the Experiment	Batches					
		Week 1 (21.06.19)	Week 2 (27.06.19)	Week 3 (05.07.19)	Week 4 (12.07.19)	Week 5 (18.07.19)	Week 6 (24.07.19)
		24.06.17	02.07.17	09.07.19	15.07.19	20.07.19	26.07.19
	Introduction	B1-B5					
1	Load test on DC Shunt & DC Series motor		B1	B5	B4	B3	B2
2	O.C.C & Load characteristics of DC Shunt generator		B2	B1	B5	B4	B3
3	O.C.C & Load characteristics of DC Series generator		B3	B2	B1	B5	B4
4	Speed control of DC shunt motor		B4	B3	B2	B1	B5
5	Load test on single phase transformer		B5	B4	B3	B2	B1
Model Practical (Cycle-I)		Week 7 (31.07.19) & 02.08.19					

Cycle 2

Expt. No.	Name of the Experiment	Batches				
		Week 8 (07.08.19)	Week 9 (14.08.19)	Week 10 (21.08.19)	Week 11 (29.08.19)	Week 12 (07.09.19)
		09.08.19	16.08.19	26.08.19	31.08.19	12.09.19
6	O.C & S.C Test on a single phase transformer	B1	B5	B4	B3	B2
7	Regulation of three phase alternator by emf and mmf methods	B2	B1	B5	B4	B3
8	V and Inverted V curves of Three Phase Synchronous Motor.	B3	B2	B1	B5	B4
9	Load test on three-phase induction motor.	B4	B3	B2	B1	B5
10	Speed control of Three phase Slip-ring Induction Motor	B5	B4	B3	B2	B1
Model Practical (Cycle-II)		Week 13 (14.09.19) & 18.09.19				

COURSE LOG

Branch: MECHANICAL ENGINEERING

Subject: EE 8361 - ELECTRICAL ENGINEERING LAB

Date	Day Order	Period	Particulars of Portions Covered	Remarks / Absences
21.06.19	II	2,3,4	Introduction to Electrical Machines	
24.06.19	IV	6,7,8	Introduction to Electrical Machines	
27.06.19	II	2,3,4	I cycle Experiments : } Set-I	BATCH - 2 - II day order
02.07.19	IV	6,7,8	I cycle Experiments } Set-I	BATCH - 1 - IV day order
05.07.19	II	2,3,4	I cycle Experiments } set-2.	Experiments on DC motors and Transformers.
09.07.19	IV	6,7,8	I cycle Experiments } set-2.	
12.07.19	II	2,3,4	I cycle Experiments } set-3	
15.07.19	IV	6,7,8	I cycle Experiments } set-3	
18.07.19	II	2,3,4	I cycle Experiments } set-4	
20.07.19	W	6,7,8	I cycle Experiments } set-4	
24.07.19	II	2,3,4	I cycle Experiments } set-5	
26.07.19	W	6,7,8	I cycle Experiments } set-5	
31/07/19	2	2,3,4	Ist cycle exp.	NIL
02/08/19	IV	6,7,8	Ist cycle exp.	5, 17
07/08/19	2	2,3,4	model lab Ist cycle	6, 12, 33 (NIL)
09/08/19	4	6,7,8	model lab Ist cycle	(36, 48, 50, 52, 55)
14/08/19	2	2,3,4	2nd cycle exp	
17/08/19	4	6,7,8	2nd cycle exp	NIL
21/08/19	2	2,3,4	2nd cycle exp	NIL
26/08/19	4	6,7,8	2nd cycle exp.	5, 9, 33
29/08/19	2	2,3,4	2nd cycle exp.	44
31/08/19	4	6,7,8	2nd cycle exp.	7, 9, 13, 19, 3
7/09/19	4	6,7,8	} 2nd cycle exp completed & Record correction.	3, 10, 12, 18, 19, 33
12/09/19	2	2,3,4		49, 50, 54
14/09/19	4	6,7,8		7, 21
18/09/19	2	2,3,4		NIL
20/09/19	4	6,7,8	Revision.	4, 12, 14, 26, 33
25/09/19	2	2,3,4	model lab	NIL
27/09/19	4	6,7,8	model lab	- 4 -



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 12.10.19.

Ref: SCE/Syllabus/Laboratory/2019-20 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 :

Name : R. SRIDHAR.

Designation : AP.

Department : EEE.

Signature :

Name : A.R. DANILA SHIRLY

Designation : AP

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: 12-10-2019

Ref : SCE/Syllabus/ Theory/2019-20 - Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject High Voltage Engineering , code EE6701 for IV year, VII semester, department of EEE B.E/B.Tech/MBA during the academic year 2019 – 20, 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 02 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : 
Name : K. RAJKUMAR
Designation : ASSISTANT PROFESSOR.
Department : EEE
Date : 12-10-2019

Signature of HoD : 

Principal : 

Saranathan College of Engineering
QAC - Audit Report

Academic Year: 2018 - 2019

EVEN SEMESTER

Year/ Sem/Sec	Subject Code	Name of faculty	Sem: ODD/ EVEN															
			Test I						Test II						Dept		EEE	
			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. G. Sriram		55	55	0	22	60%	55	55	NIL	9	84	55	55	NIL	18	67%	
			22	22	0	2	90.9%	08	07	01	2	75	15	15	NIL	2	61.87%	
			NIL															
PH8253	Dr. N. Rajhothaman		55	55	0	37	32.72	55	55	NIL	30	45	55	55	0	25	54.5	
			37	36	1	18	48.64	30	22	08	13	30	25	24	01	11	54.2	
			Part B answers not upto 1/2 mark															
			Part A answers were not described in full.															
			Part B answers were not upto 1/2 mark															
			Part B answers were not described in detail															
			55	55	0	28	49.09	55	54	01	28	52	55	55	NIL	30	74.547	
			28	28	0	28	0%	29	18	11	10	27.5	28	28	NIL	9	41.21	
			Program were not properly drawn.															
			Two marks were not properly done.															
			Signature of QAC members with name															
			Signature of HOD															
			Principal															

Saranathan College of Engineering

QAC - Audit Report

Academic Year: 2018 - 2019

Year/ Sem/Sec	Subject Code	Name of faculty	EVEN SEMESTER												Sem: ODD/ EVEN				
			Test I						Test II						Test III		Dept	EEE	
			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 %
EES251	Ms. N. Gayathri	IA Test	54	54	0	20	69.2	54	54	7	23	57.4	54	53	1	20	48.4		
		Make up Test	22	20	2	1	86.4	23	20	03	04	69.56	27	24	3	13	54		
		Remarks	NIL																
GE8291	Dr. P. Maheswari	IA Test	54	54	0	43	50.27	54	54	-	27	50	54	53	01	36	32.1		
		Make up Test	43	43	2	28	80.23	27	26	01	18	23.1	37	36	01	22	38.9		
		Remarks	Lack of Preparation by the student. Part A - didn't perform well. Lack of preparation by the students. Lack of preparation by the students.																
MAE251	Dr. S. Anupriya	IA Test	54	51	0	34	37.04	54	51	11	28	48	54	54	-	25	53.7		
		Make up Test	34	33	1	20	38.23	28	27	01	13	51	28	22	2	20	12		
		Remarks	Less concentration in part - A question. Lack of attendance during tutorial classes.																
Signature of QAC members with name			S. Hanifi 7/3/19 (S. Haniprasanthi) P. Anand [S.P. Anand] 24/4/19 K. Gayathri																
Signature of HOD			A. Sathy 9/3/19 K. Gayathri 20/4/19 K. Gayathri																
Principal			[Signature]																



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program EEE
Academic Year
2017 – 2018 / ODD

Course End Survey – Consolidated Report

Course Code & Title	: EE6504	Electrical Machines-II			
NBA Course Code	: C305	Faculty Name	P.K.Arun Kumar & P. Ramiah Babu		
Year	: III	Semester: V	No. of Entry	: 120	
COs	Course Outcome Questions			Attained Level	%
C305.1	Will you be able to draw the constructional details and explain the performance of salient and non – salient type synchronous generators.			2.54	84.72
C305.2	Will you be able to draw and explain the Principle of operation and performance of synchronous motor.			2.63	87.50
C305.3	Will you be able to draw and describe the construction, principle of operation and performance of induction machines.			2.57	85.56
C305.4	Will you be able to describe the starting and speed control of three-phase induction motors.			2.58	86.11
C305.5	Will you be able to explain the construction, principle of operation and performance of single phase induction motors.			2.58	85.83
C305.6	Will you be able to explain the construction, principle of operation and performance of special machines..			2.38	79.44

Signature of the Staff member


HoD/EEE



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	EEE
Academic Year	
2017 – 2018 / ODD	

Course End Survey – Entry Details

Course Code & Title	: EE6504	Electrical Machines-II
NBA Course Code	: C305	Faculty Name
Year	: III	Semester: V
		No. of Entry : 120

Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
183001	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183002	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183003	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183004	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183005	EE6504	2	2	2	3	2	2	07/10/2017	EEE	5	A	17-18ODD
183006	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183008	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183009	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183010	EE6504	3	2	3	3	2	3	07/10/2017	EEE	5	A	17-18ODD
183011	EE6504	2	3	3	3	2	2	07/10/2017	EEE	5	A	17-18ODD
183012	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183013	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183014	EE6504	2	3	2	3	2	3	07/10/2017	EEE	5	A	17-18ODD
183015	EE6504	2	2	1	2	1	1	07/10/2017	EEE	5	A	17-18ODD
183016	EE6504	2	2	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183017	EE6504	1	2	1	1	2	1	07/10/2017	EEE	5	A	17-18ODD
183018	EE6504	3	2	3	2	3	2	07/10/2017	EEE	5	A	17-18ODD
183019	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183020	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183022	EE6504	2	3	1	1	1	1	07/10/2017	EEE	5	A	17-18ODD
183023	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183024	EE6504	2	2	3	2	2	1	07/10/2017	EEE	5	A	17-18ODD
183025	EE6504	2	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183026	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183027	EE6504	3	2	3	2	2	3	07/10/2017	EEE	5	A	17-18ODD
183028	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183029	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183030	EE6504	2	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183031	EE6504	2	2	2	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183032	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183033	EE6504	2	3	3	3	2	2	07/10/2017	EEE	5	A	17-18ODD
183034	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183036	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183037	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183038	EE6504	3	2	3	2	3	3	07/10/2017	EEE	5	A	17-18ODD

183039	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183040	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183041	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183042	EE6504	3	3	3	2	3	3	07/10/2017	EEE	5	A	17-18ODD
183043	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183044	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183045	EE6504	2	1	2	2	2	1	07/10/2017	EEE	5	A	17-18ODD
183046	EE6504	2	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183047	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183048	EE6504	2	3	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183049	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183052	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183053	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183056	EE6504	2	3	3	1	3	2	07/10/2017	EEE	5	A	17-18ODD
183057	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183058	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183059	EE6504	2	3	1	1	1	1	07/10/2017	EEE	5	A	17-18ODD
183060	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183122	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	A	17-18ODD
183123	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183126	EE6504	3	2	2	2	3	3	07/10/2017	EEE	5	A	17-18ODD
183127	EE6504	3	3	2	3	2	2	07/10/2017	EEE	5	A	17-18ODD
183128	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183129	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	A	17-18ODD
183135	EE6504	2	3	3	3	3	2	07/10/2017	EEE	5	A	17-18ODD
183061	EE6504	0	2	1	0	0	0	07/10/2017	EEE	5	B	17-18ODD
183062	EE6504	2	3	3	3	2	3	07/10/2017	EEE	5	B	17-18ODD
183063	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183064	EE6504	3	2	2	3	3	2	07/10/2017	EEE	5	B	17-18ODD
183065	EE6504	2	3	2	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183066	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183067	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	B	17-18ODD
183068	EE6504	3	3	3	3	3	1	07/10/2017	EEE	5	B	17-18ODD
183069	EE6504	2	2	3	3	2	2	07/10/2017	EEE	5	B	17-18ODD
183070	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183071	EE6504	3	3	3	3	2	2	07/10/2017	EEE	5	B	17-18ODD
183072	EE6504	3	3	3	2	3	2	07/10/2017	EEE	5	B	17-18ODD
183073	EE6504	3	3	2	2	2	2	07/10/2017	EEE	5	B	17-18ODD
183074	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183075	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	B	17-18ODD
183076	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183077	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183078	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183079	EE6504	3	3	3	2	3	1	07/10/2017	EEE	5	B	17-18ODD
183080	EE6504	1	1	2	2	1	1	07/10/2017	EEE	5	B	17-18ODD
183081	EE6504	1	1	1	1	1	1	07/10/2017	EEE	5	B	17-18ODD

183082	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183083	EE6504	3	3	2	3	2	2	07/10/2017	EEE	5	B	17-18ODD
183085	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183086	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183087	EE6504	2	3	2	2	3	2	07/10/2017	EEE	5	B	17-18ODD
183088	EE6504	2	2	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183089	EE6504	2	1	2	1	2	3	07/10/2017	EEE	5	B	17-18ODD
183090	EE6504	3	3	2	3	2	2	07/10/2017	EEE	5	B	17-18ODD
183092	EE6504	1	1	1	2	2	1	07/10/2017	EEE	5	B	17-18ODD
183093	EE6504	3	2	3	3	2	3	07/10/2017	EEE	5	B	17-18ODD
183094	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183095	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183096	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	B	17-18ODD
183098	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183099	EE6504	3	3	2	2	2	1	07/10/2017	EEE	5	B	17-18ODD
183100	EE6504	2	3	3	2	3	3	07/10/2017	EEE	5	B	17-18ODD
183101	EE6504	3	2	1	3	2	2	07/10/2017	EEE	5	B	17-18ODD
183102	EE6504	2	2	1	2	2	1	07/10/2017	EEE	5	B	17-18ODD
183103	EE6504	3	3	3	2	3	2	07/10/2017	EEE	5	B	17-18ODD
183104	EE6504	1	1	2	3	2	3	07/10/2017	EEE	5	B	17-18ODD
183105	EE6504	2	2	3	3	2	1	07/10/2017	EEE	5	B	17-18ODD
183106	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183107	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183108	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183109	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183111	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	B	17-18ODD
183113	EE6504	2	2	1	2	2	1	07/10/2017	EEE	5	B	17-18ODD
183114	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	B	17-18ODD
183115	EE6504	1	2	2	1	2	2	07/10/2017	EEE	5	B	17-18ODD
183116	EE6504	2	3	2	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183117	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	B	17-18ODD
183119	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183120	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183121	EE6504	2	2	2	2	2	2	07/10/2017	EEE	5	B	17-18ODD
183124	EE6504	2	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183125	EE6504	3	2	2	2	3	2	07/10/2017	EEE	5	B	17-18ODD
183130	EE6504	3	3	3	3	3	3	07/10/2017	EEE	5	B	17-18ODD
183131	EE6504	3	3	2	2	3	3	07/10/2017	EEE	5	B	17-18ODD
183133	EE6504	3	3	3	3	3	2	07/10/2017	EEE	5	B	17-18ODD
Attained Level		2.54	2.63	2.57	2.58	2.58	2.38					
%		84.7	87.5	85.5	86.1	85.8	79.4					
		2	0	6	1	3	4					

Faculty Feedback Report of EEE Department during SEP-2018

Submitted to the Principal:

The summary of the feedback given by the students are given above.

S.no	staffcode	branch /Sem	No. participated	(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
Weightage -->														
1	venugopal-eee	EEE-A/3	59	15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
				12.05	12.92	6.18	10.49	10.98	9.88	3.42	4.52	6.21	6.21	82.86
2	ppushpa-eee	EEE-A/3	59	12.92	13.12	6.56	10.13	9.48	9.97	3.39	4.47	6.73	7.24	84.00
3	ajitha-eee	EEE-A/3	59	11.95	11.39	5.56	8.01	6.92	8.54	2.51	4.15	6.26	6.26	71.56
4	gayathri-eee	EEE-A/3	59	12.00	12.15	6.37	10.33	8.87	9.15	3.55	4.47	6.02	7.13	80.06
5	balasubramanian-eee	EEE-A/3	59	12.00	12.41	6.51	11.06	10.98	9.93	3.67	4.09	5.48	7.35	83.48
6	suganyadevi-eee	EEE-A/5	58	12.83	12.47	6.51	9.43	9.56	9.97	3.24	5.01	6.59	6.70	82.31
7	ramprasath-eee	EEE-A/5	58	12.47	12.26	6.48	8.57	8.81	9.27	2.84	4.63	6.40	6.10	77.83
8	arunkumar-eee	EEE-A/5	58	9.41	9.88	4.55	8.36	7.78	7.82	2.80	4.08	4.77	6.18	65.63
9	marimuthu-eee	EEE-A/5	58	11.84	11.53	6.26	9.93	8.69	9.56	3.20	4.63	6.34	6.43	78.43
10	thamizharasan-	EEE-	58	8.74	8.59	4.58	5.96	6.33	6.79	1.89	3.54	5.10	4.83	56.3

11	suganyadevi-eee	EEE-A/7	62	EE6005/Power Quality	12.29	12.39	6.68	10.18	9.75	9.75	3.29	4.95	6.68	6.63	82.61
12	vijayalakshmi-eee	EEE-A/7	62	EE6008/Micro Controller Based	10.84	10.74	5.94	8.83	8.63	8.63	3.01	4.37	5.81	6.01	72.81
13	sivakumar-eee	EEE-A/7	62	EE6701/High Voltage Engineering	11.66	12.10	6.30	9.41	9.45	9.52	3.10	4.66	6.27	6.17	78.63
14	krishnakumar-eee	EEE-A/7	62	EE6702/Protection And Switch Gear	10.94	11.18	5.39	8.67	8.94	8.55	2.77	4.08	5.68	5.96	72.17
15	pearline-eee	EEE-A/7	62	EE6703/Special Electrical Machines	10.55	10.50	5.65	8.44	7.63	8.40	2.76	4.16	5.70	5.83	69.62
16	hamizharasan-eee	EEE-B/3	61	EE8353/Electron Devices And Circuits	10.77	10.33	5.30	7.83	7.79	7.87	2.54	4.25	5.64	5.35	67.67
17	vijay-eee	EEE-B/3	62	EE8301/Electrical Machines - I	13.40	13.16	6.89	10.72	10.37	10.26	3.52	5.21	7.05	7.20	87.78
18	vijayalakshmi-eee	EEE-B/3	62	EE8351/Digital Logic Circuits	12.10	11.85	6.43	9.68	9.41	9.41	3.20	4.70	6.04	6.12	78.93
19	magdelin-eee	EEE-B/3	61	EE8391/Electromagnetic Theory	10.67	10.18	5.59	7.83	6.41	7.32	2.45	4.43	5.48	4.88	65.24
20	danila-eee	EEE-B/3	62	ME8792/Power Plant Engineering	11.32	11.47	6.04	8.86	7.94	8.55	2.76	4.41	6.12	6.22	73.69
21	paranthagan-eee	EEE-B/5	61	EE6501/Power System Analysis	11.61	12.64	6.43	9.25	10.15	9.60	3.24	4.47	5.61	6.06	79.05
22	balasubramanian-eee	EEE-B/5	61	EE6503/Power Electronics	13.48	13.57	6.92	9.88	9.68	10.11	3.27	4.78	5.30	7.40	84.38
23	rameshbabu-eee	EEE-B/5	61	EE6504/Electrical Machines II	13.72	13.92	7.32	10.94	10.78	10.43	3.65	5.17	7.19	6.95	90.06
24	vijayasarithi-eee	EEE-B/5	61	IC6501/Control Systems	11.61	11.41	5.38	8.46	7.08	8.50	2.57	4.49	6.16	6.53	72.18
25	saranya-eee	EEE-B/5	61	ME6701/Power Plant Engineering	8.21	8.02	3.75	5.08	4.84	6.33	1.64	3.40	4.75	4.80	50.82
26	tamilarasanthi-eee	EEE-B/7	55	EE6005/Power Quality	11.40	10.91	8.77	8.60	8.77	8.77	2.88	4.45	6.23	6.11	73.73
27	paranthagan-eee	EEE-B/7	55	EE6008/Micro Controller Based System Design	12.76	6.69	9.38	9.47	9.64	9.64	3.16	4.87	6.57	6.14	81.61
28	satheesh-eee	EEE-B/7	55	EE6701/High Voltage Engineering	12.55	5.96	8.73	8.99	9.38	9.38	2.84	4.73	6.66	6.60	78.72
29	arunkumar-eee	EEE-B/7	55	EE6702/Protection And Switch Gear	11.35	6.23	9.16	9.56	9.16	9.16	3.14	4.65	6.02	6.60	77.65
30	gaayathri-eee	EEE-B/7	55	EE6703/Special	12.71	6.66	9.77	9.56	10.08	10.08	3.33	4.97	6.69	6.87	83.19

31	vijay-eee	MECH-A/3	EE8353/Electrical Drives And Controls	13.09	12.87	6.98	10.60	10.43	10.47	3.56	5.04	6.81	7.19	87.05
32	karthika-eee	MECH-B/3	EE8353/Electrical Drives And Controls	12.76	12.55	6.75	10.04	9.64	10.04	3.37	4.97	6.55	7.01	83.68
33	marimuthu-eee	MEPED-A/1	IN5152/System Theory	13.80	13.80	7.36	11.52	11.04	10.08	3.52	5.52	7.68	7.04	91.36
34	vijayarathin-eee	MEPED-A/1	PX5091/Control System Design For Power Electronics	13.80	13.80	7.36	10.56	10.56	10.56	3.36	5.52	7.36	7.04	89.92
35	pearline-eee	MEPED-A/1	PX5101/Power Semiconductor Devices	14.40	14.40	7.68	11.52	10.56	11.52	3.84	5.76	7.04	7.36	94.08
36	rameshbabu-eee	MEPED-A/1	PX5151/Analysis Of Electrical Machines	13.20	13.80	7.36	11.04	11.04	11.04	3.68	5.52	7.04	6.72	90.44
37	venugopal-eee	MEPED-A/1	PX5152/Analysis And Design Of Power Converters	12.60	13.20	7.04	10.56	11.52	10.08	3.04	5.04	7.04	6.72	86.84
38	rampurasath-eee	MEPED-A/3	PX5005/High Voltage Direct Current Transmission	14.40	15.00	7.68	12.00	11.52	12.00	4.00	5.52	7.36	8.00	97.48
39	priyaadharshini-eee	MEPED-A/3	PX5072/Power Electronics For Renewable Energy Systems	14.40	13.20	7.68	12.00	11.52	11.52	3.84	5.76	7.68	7.68	95.28

The Following Faculty members are given counselling to improve their performance.

Mr.P.K.Arunkumar

Dr.S.Thamizharasan

Ms.C.PearlineKamalini

Ms.Magdaline

Ms.S.Saranya

All the Faculty Members are advised to do the Laboratory experiments and take readings for every experiment at the beginning of the semester. This will help you to teach students effectively in the Laboratory courses.


HOD/EEE

SARANATHAN COLLEGE OF ENGINEERING

ICE Department Academic Planner for ODD semester(2019-20) - II,III & IV YEAR UG

DAY	DETAILS	DAY order	working days	JULY'19	DAY	DETAILS	DAY order	working days	AUG'19	DAY	DETAILS	DAY order	working days	SEP'19	DAY	DETAILS	DAY order	working days	OCT'19	DAY	DETAILS	DAY order	working days	NOV'19	DAY	DETAILS	DAY order	working days	
SAT				01	MON	Report	III	8	01	THU	Report	V	30	01	SUN	Holiday			01	TUE	Feedback (ICE)	II	67	01	FRI				
SUN	Holiday			02	TUE		IV	9	02	FRI		I	31	02	MON	Vinayagar Chaturthi			02	WED	Gandhi Jayanthi			02	SAT				
MON				03	WED		V	10	03	SAT	Holiday			03	TUE	Report & Log book	IV	49	03	THU	Spoken tutorial III	III	68	03	SUN				
TUE				04	THU	IEI grant submission	I	11	04	SUN	Holiday			04	WED		V	50	04	FRI	Log book	IV	69	04	MON				
WED	Environmental day & Ramzan			05	FRI	Website updation	II	12	05	MON		II	32	05	THU	Association 3	I	51	05	SAT	Lab record work completion	V	70	05	TUE	NBA AUDIT for Odd sem			
THU				06	SAT	Holiday			06	TUE	Association 1	III	33	06	FRI	1st review III	II	52	06	SUN	Holiday			06	WED	Univ. Theory exam commences			
FRI				07	SUN	Holiday			07	WED	oth review III	IV	34	07	SAT	Website updation	III	53	07	MON	Ayutha poojai			07	THU				
SAT				08	MON	CCM-IV yr	III	13	08	THU	CCM2-IV yr	V	35	08	SUN	Holiday			08	TUE	VijayaDasami			08	FRI				
SUN	Holiday			09	TUE	CCM-III yr	IV	14	09	FRI	CCM2-III yr	I	36	09	MON	Holiday			09	WED	2nd review III / Asc V	I	71	09	SAT				
MON				10	WED	CCM- II yr	V	15	10	SAT	CCM2- II yr	II	37	10	TUE	Moharam			10	THU	Syllabus completion	II	72	10	SUN				
TUE				11	THU	DST grant submission	I	16	11	SUN	Holiday			11	WED		IV	54	11	FRI	Syllabus Revision	III	73	11	MON				
WED				12	FRI	Material submission	II	17	12	MON	Intl. youth day & Bakrid			12	THU		V	55	12	SAT	Syllabus Revision	IV	74	12	TUE				
THU				13	SAT		III	18	13	TUE		III	38	13	FRI	Project day	I	56	13	SUN	Holiday			13	WED				
FRI				14	SUN	Holiday			14	WED		IV	39	14	SAT	Project day	II	57	14	MON	Model exam			14	THU				
SAT				15	MON	Log book	IV	19	15	THU	Avani Avitam & Independence Day			15	SUN	Engineers day			15	TUE	Model exam			15	FRI				
SUN	Holiday			16	TUE		V	20	16	FRI		V	40	16	MON	CCM3-IV yr	III	58	16	WED	Model exam			16	SAT				
MON				17	WED	IA test 1	I		17	SAT		I	41	17	TUE	CCM3-III yr	IV	59	17	THU	Model exam			17	SUN				
TUE				18	THU	NBA, File, Lib	II		18	SUN	Holiday			18	WED	CCM3- II yr	V	60	18	FRI	Model exam			18	MON				
WED				19	FRI	IA test 1	III		19	MON	Log book	II	42	19	THU		I	61	19	SAT	Emagazine 2			19	TUE				
THU	III, V, VII sem classes commences	I	1	20	SAT	Holiday			20	TUE	IA test 2	I		20	FRI	Association 4	II	62	20	SUN	Holiday			20	WED				
FRI		II	2	21	SUN	Holiday			21	WED	NBA, File, Lib	II		21	SAT	Log book	III	63	21	MON	Univ. Practical Exam commences			21	THU				
SAT		III	3	22	MON		I	21	22	THU	IA test 2	III		22	SUN	Holiday			22	TUE				22	FRI				
SUN	Holiday			23	TUE		II	22	23	FRI	Gokulashtami			23	MON	IA test 3	I		23	WED	Lab Requirement			23	SAT				
MON		IV	4	24	WED	IEI enrollment	III	23	24	SAT	Holiday			24	TUE	NBA, File, Lib	II		24	THU	Alumini details			24	SUN				
TUE		V	5	25	THU	oth review IV	IV	24	25	SUN	Holiday			25	WED	IA test 3	III		25	FRI				25	MON				
WED		I	6	26	FRI	Parent letter	V	25	26	MON	Emagazine 1	III	43	26	THU	Emagazine 2	IV	64	26	SAT				26	TUE				
THU		II	7	27	SAT	Website updation	I	26	27	TUE		IV	44	27	FRI	Website updation	V	65	27	SUN	Holiday(Deepavali)			27	WED				
FRI	Staff tour			28	SUN	Holiday			28	WED		V	45	28	SAT	Holiday			28	MON				28	THU				
SAT	Holiday			29	MON	Feedback (ICE)	II	27	29	THU	1st review IV	I	46	29	SUN	Holiday			29	TUE				29	FRI				
SUN	Holiday			30	TUE	Log book	III	28	30	FRI	Association 2	II	47	30	MON	2nd rev IV Spoken tut II	I	66	30	WED				30	SAT				
				31	WED		IV	29	31	SAT	Parent letter	III	48						31	THU									
No. of Working days				7					22					19					18					8					0
Total No. of working days(excluding Test days) for the semester :										74										Monthly once - Annual Report, Library, website, Weekly once - Attendance, notice board									

Usejms
HoD



SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Instrumentation and Control Engineering
WORKLOAD - ALLOCATION FOR THE ACADEMIC YEAR 2019-2020(EVEN)

S.NO	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr S. M. Girraj Kumar	Logic and Distributed Control System	EI8651	III/VI	THEORY	4	5
		Project Work	IC6811	IV/VIII	LAB	1	
2	Dr. M. Shanmugavalli	Instrumentation for thermal engineering	TE 5201	PG	THEORY	4	12
		Mems and Nano science	EE8072	III/VI	THEORY	4	
		Project Work	IC6811	IV/VIII	LAB	4	
3	Mr. P. Thirumurugan	Applied soft computing	EE8071	III/VI	THEORY	5	22
		Linear integrated Circuit and Applications	EE8451	II/IV	THEORY	5	
		Process Control Laboratory	EI8661	III / VI	LAB	6	
		Project Work	IC6811	IV/VIII	LAB	3	
		Engineering Practices Laboratory	GE8261	I/II	LAB	3	
4	Mr. P.Aravind	Thermal Power Plant Instrumentation	EI8092	III / VI	THEORY	4	21
		Industrial Instrumentation - I	EI8452	II/IV	THEORY	5	
		Project Work	IC6811	IV/VIII	LAB	5	
		Engineering Practices Laboratory	GE8261	I/II	LAB	7.5	
5	Ms. K. Ezhilarasi	Computer Control of Processes	EI6801	IV/VIII	THEORY	5	27
		Control Systems (Tutorial)	IC8451	II/III	THEORY	1	
		Engineering Practices Laboratory	GE8261	I/II	LAB	9	
		Electric Circuits Laboratory	EE8261	I / II	LAB	6	
		Project Work	IC6811	IV/VIII	LAB	6	
6	Mr. T.Tamilarasan	Control Systems	IC8451	II/III	THEORY	5	21
		Control Systems (Tutorial)	IC8451	II/III	THEORY	1	
		Electric Circuits Laboratory	EE8261	I / II	LAB	6	
		Engineering Practices Laboratory	GE8261	I/II	LAB	4.5	
		Project Work	IC6811	IV/VIII	LAB	1	
		Linear and Digital integrated Circuits Laboratory	EE8461	II/IV	LAB	3	
7	Mr.R.Seetharaman	Advanced Control System	IC8651	III/VI	THEORY	5	19
		Project Work	IC6811	IV/VIII	LAB	2	
		Engineering Practices Laboratory	GE8261	I/II	LAB	6	
		Process Control Laboratory	EI8661	III / VI	LAB	6	
8	Mr.S.Vigneshwaran	Circuit Theory	EE8251	I / II	THEORY	6	23
		Linear and Digital integrated Circuits Laboratory	EE8461	II/IV	LAB	6	
		Project Work	IC6811	IV/VIII	LAB	3	
		Basic Electrical and Instrumentation Engineering	BE8254	ECE I A/ II	THEORY	5	
		Engineering Practices Laboratory	GE8261	I/II	LAB	3	
						TOTAL	150

K. S. S. S. S.
Timetable Coordinator

S. S. S. S.
HOD/ICE

S. S. S. S.
Principal 11/11/2020



SARANATHAN COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi, NBA Accredited, Affiliated to Anna Uni
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REVIEW OF COURSE FILE

SUBJECT CODE : EE 6006

SUBJECT NAME: APPLIED SOFT COMPUTING

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
11.	Tutorial question paper with sample answers
12.	IA test Q Paper, 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.	Anna University Result Analysis
Signature of Course handling faculty - K. Ezhikarasu (K-EZHICARASU)	
Signature of HoD- <i>[Signature]</i>	



SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
TIRUCHIRAPALLI - 620 012

COURSE PLAN
Regulation – 2017

Course/Branch	: BE/ Instrumentation and Control Engineering	Total no. of hours given in syllabus:	
Subject Code	: EI8553	Lecture	: 45
Subject Title	: Process Control	Tutorials	: -
Year/Semester	: III/VI	Practical	: -
Academic Year	: 2019-2020 (ODD)		
Faculty Name	: Mr.P.Thirumurugan	TOTAL	: 45

AIM: To educate students to understand and analyse process control engineering problems.

COURSE OBJECTIVES:
1. To introduce technical terms and nomenclature associated with process control domain
2. To familiarize the students with characteristics, selection, sizing of control valve
3. To provide an overview of the features associated with industrial type PID controller
4. To make the students understand the various PID tuning methods
5. To elaborate different types of control schemes such as cascade control, feed forward control and Model based control schemes

PRE-REQUISITE: Transducer Engineering

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

Course	Course Outcome	POs	PSOs
C303.1	Discuss the dynamics of various processes.	1,2,3,4,5,6,7,11,12	1,2,3
C303.2	Illustrate the effect of various control actions and outline various final control elements.	1,2,3,4,5,8,11,12	1,2,3
C303.3	Classify the evaluation criteria and tuning techniques of controllers	1,2,3,4,5,10,11,12	1,2,3
C303.4	Explain the concept of multi loop control techniques.	1,2,3,4,5,11,12	1,2,3
C303.5	Analyze process control engineering problems with case studies.	1,2,3,4,5,8,9,11,12	1,2,3
C303.6	Apply tuning techniques and control real-time processes using various control techniques.	1,2,3,4,5,8,9,11,12	1,2,3

PLAN NED DATE	ACTUAL DATE	Topics	No. of hours	Text/Ref Books	Page. No.	Teaching Methodology
UNIT I - PROCESS MODELLING AND DYNAMICS						
UNIT OBJECTIVES:						
1. To learn the characteristics of the process 2. To develop the mathematical model of the first order and higherorder process						
20.6.19	20-6-19	Need for process control: Introduction & Application	1	R2 T2 T2 T2	7 2-7 7-11 12-22 48-51	Chalk and Board
24.6.19 8.7.19	21-6-19	Mathematical model of first order liquid process: Definition of modeling, types of order & Applications	1	T1 T2 R6 T2	97-100 174-176 23-25 177-184	Chalk and Board
	9-7-19	Mathematical model of first order thermal process: conduction ,convection & Radiation (Heat exchanger)		R6 R2 T2 T2	19-20 24 176-177 184	Chalk and Board
26.6.19	25-6-19	Liquid level and Thermal Process	1	R6	20-23	Chalk and Board
27.6.19	26-6-19	Mathematical model of Flow Process	1	R6	22	Chalk and Board
	27-6-19	Mathematical model of Pressure Process		R6	20-23	Chalk and Board
	27-6-19	Higher order process: u tube manometer, control valve, capacitive process		T2	186-220	Chalk and Board
	26-6-19	Mathematical model of Flow, Pressure, Control valve and U-tube manometer,Control Valve	1	T2	186-220	Chalk and Board
28.6.19	24.6.19	Interacting and Non Interacting systems	1	R2 T2	39,42 193-200	Chalk and Board
28.6.19 3.7.19	4-7-19	Continuous and Batch Process(CSTR)	1	T1 T2 T2 R5	679-689 8-9, 59-64 7,180 442	Chalk and Board
	3-7-19	Lumped and Distributed parameter models		T1 R1 R1 T2	32-44 49-52 333-344 69-70	Chalk and Board

28.6.19	3-7-19	Interacting and Non Interacting System, Lumped and Distributed parameters	1			Chalk and Board
3.7.19	5-7-19	Linearization of nonlinear systems.	1	T1 T2	60-66 116-126	Chalk and Board
Sub Total: 9 hrs						
UNIT OUTCOMES:						
<ol style="list-style-type: none"> 1. Students should know how to write the modeling Equations for first order and higher order processes. 2. Student should know how to linearize the nonlinear models 3. Student should know how to write the Lumped and Distributed models 						
UNIT II-FINAL CONTROL ELEMENTS						
UNIT OBJECTIVES:						
<ol style="list-style-type: none"> 1. To learn the types of Control valve and its applications 2. To learn the construction of the different types of control valves 						
10.7.19	11-7-19	I/P Converter: Definition, construction & Application	2	R2 (R6)	Class notes (218-219)	PPT
11.7.19	12-7-19	Pneumatic and Electric actuators :Definition, construction & Application	1	R2 (R6)	196,202 (220-235)	PPT
12.7.19	12-7-19	Valve Positioner: Definition & Application	1	R2 (R6)	198 (238-243)	PPT
12.7.19		Control Valves Characteristics: Definition & Application	1	R2 (R6)	223 247-252	PPT
12.7.19	16-7-19	Control valve body & Commercial valve bodies		R2 (R6)	223 (252-260)	PPT
15.7.19	17-7-19	Rotating Shaft Control Valve and Special control valve includes Rangeability and Turndown.	1	R6	256-260	PPT
17-7-19	18-7-19	Control valve sizing	1	R2 (R6)	228 260-262	PPT
22.7.19	31-7-19	Cavitations and Flashing		R2 (R6)	Class notes (262-266)	PPT
23.7.19	24-7-19	Selection of control valves	1	R2 (R6)	220 (266-268)	PPT
24.7.19	24-7-19	Control valves sizing and characteristics		R6	271-277	PPT
25.7.19	23-7-19	ISA S 75.01 standard flow equations for sizing	1			http://integrated.cc/cse/ISA_750101_SPBd.pdf
Sub Total: 9 hrs						

UNIT OUTCOMES:

1. Student should know the Types and Characteristics of different types of control Valves
2. Student should know the effect of cavitations and flashing on control valve .
3. Students should able to solve problem on control valve sizing.

UNIT III- CONTROL ACTIONS**UNIT OBJECTIVES:**

1. To learnt the different types and characteristics of controllers
2. To construct the Reset Windup circuits and Auto/manual transfer

5.8.19	2.8. 19	Basic Control action : Definition, types of controller	1	R5	442-448	Chalk and Board
6.8.19	2.8. 19	Characteristics of ON-OFF, Proportional control modes & single speed floating(Discontinuous Controller Modes)	1	R5	448-456	Chalk and Board
7.8.19	5.8. 19	ON-OFF, Proportional and Single speed floating controller mode		R5		Chalk and Board
9.8.19	7.8. 19	Characteristics of Integral, derivative control modes: PI,PD and PID Control Modes(Continuous Controller Modes)	2	R5	457-480	Chalk and Board
10.8.19	9.8. 19	Electronic PID controllers	1	R5	481-499	Chalk and Board
11.8.19	12. 5-19	P,PI and PID Controllers	1	R5	457-499	Chalk and Board
	16.8. 19	Auto/manual transfer	1			Chalk and Board
12.8.19	12. 6-19	Reset Windup		T2 (R1) (T1)	245-248, (551-554) ((345-354))	Chalk and Board
	15.8. 19	Practical forms of PID Controller	1	T1	168-173	Chalk and Board
13.8.19	16.8. 19	Reset wind up and Practical form of PID controllers	1	R5	476-480, 504-511	Chalk and Board

Sub Total: 9 hrs**UNIT OUTCOMES:**

1. Student should know the Types and Characteristics of different types of control Valves
2. Student should know the effect of cavitations and flashing on control valve .
3. Students should able to solve problem on control valve sizing.

UNIT-IV- PID CONTROLLER TUNING**UNIT OBJECTIVES:**

1. To learn the different types of tuning techniques of controllers

21.8.19	21.8. 19	Evaluation criteria-IAE, ISE, ITAE and ¼ Decay Ratio-Performance Criterion(Simple Performance Criterion)	1	T2	297-303	Chalk and Board
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21.8.19	23.8.19	Determination Of Optimum Setting Mathematical Described Processes Using Time & Frequency Response.	1	T2	301-310	Chalk and Board
22.8.19	26.8.19	Controller Tuning using Time-Integral Criteria	1	T2	304-306	Chalk and Board
22.8.19	21.8.19	Select the type of feedback Controller for various Process.		T2	306-310	Chalk and Board
26.8.19	27.8.19	Tuning of controllers-Cohn-Coon (Process Reaction Curve method)	1	T2 (R5)	310-313 (580-584)	Chalk and Board
27.8.19	29.8.19	Tuning Feedback Controllers through Process Reaction Curves.	1	T2	313-315	Chalk and Board
29.8.19	29.8.19	Ziegler-Nichol's method	1	T2 (R5)	352-355 (584-586)	Chalk and Board
29.8.19	29.8.19	Cohn-Coon method(Process reaction method) - Damped oscillation method	1	R5	560-584	Chalk and Board
3.9.19	27.8.19	Auto Tuning, Optimization methods	1	T1	354-359	Chalk and Board
4.9.19	27.8.19	Process Reaction Curve method Ziegler-Nichol's method - Problems	1	T2 (R5)	363-377 (592-594)	Chalk and Board
Sub Total:9Hrs						
UNIT OUTCOME:						
I.Student should know the different types tuning techniques of controllers						
UNIT - V MODEL BASED CONTROL SCHEMES						
UNIT OBJECTIVE: To learn the different type of controllers structures						
5.9.19	3.9.19	Control schemes for CSTR : Feed forward control : Definition & Application	1	T2 (T1)	411-427 (324-333)	PPT
5.9.19	4.9.19	Control schemes for CSTR : Ratio control Definition & Application		T2 (T1)	427-429 (372-373)	PPT
6.9.19	5.9.19	Control schemes for CSTR : Cascade control: Definition & Application	1	(T1) T2	(314-323) 394-402	PPT
9.9.19	5.9.19	Control schemes for CSTR : Split range control, Definition & Application	1	T2 (T1)	407-409 (374-379)	PPT
10.9.19	10.9.19	Inferential Control ,Definition and Application	1	T2	438-443	PPT

12.9.19	14.9 19	Introduction to Multivariable Control Example: Distillation Column	1	T2 (T1)	398- 399, 398- 399, 17,91. 480, 17,41 3, 17,44 0.443 (704- 711)	PPT
17.9.19	16.9 19	IMC,smith predictor control scheme	1	R1 (T1)	271- 279 (245- 278)	PPT
18.9.19	18.9 19	Model Predictive Control	1	T1	487- 510	PPT
23.9.19	24.9 19	Adaptive control	1	T2	656- 667	PPT
24.9.19	25.9 19	P&ID diagram	1	R5	619- 625	PPT

Sub Total:9 Hrs

UNIT OUTCOME:

1. Student should know the different types of controllers structures and its applications to process
2. students should be able to draw the complete plant using P& ID diagram.

TEXT BOOKS:

1. Bequette, B.W., "Process Control Modeling, Design and Simulation", Prentice Hall of India, 2004.
2. Stephanopoulos, G., "Chemical Process Control - An Introduction to Theory and Practice", Prentice Hall of India, 2005.
3. Seborg, D.E., Edgar, T.F. and Mellichamp, D.A., "Process Dynamics and Control", Wiley John and Sons, 2nd Edition, 2003

REFERENCES:

1. Coughanowr, D.R., "Process Systems Analysis and Control", McGraw - Hill International Edition, 2004.
2. D. P. Eckman, "Automatic Process control", 7th Edition, John Wiley, New York, 1990.
3. Considine, D.M., Process Instruments and Controls Handbook, Second Edition, McGraw, 1999.
4. Bela.G.Liptak., "Process Control and Optimization", Instrument Engineers' Handbook., volume 2, CRC press and ISA, 2005.
5. Curtis D. Johnson Process Control Instrumentation Technology, 8th Edition, PHI, 2007
6. K. Krishnaswamy, "Process Control", New Age International Publication

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
C311.1	3	3	2	2	1	-	-	-	-	-	3	3	3	3	2
C311.2	3	3	2	2	1	1	1	-	-	-	3	3	3	3	2
C311.3	3	3	2	2	1	-	-	1	-	-	3	3	3	3	2
C311.4	3	3	2	2	1	-	-	-	-	1	3	3	3	3	2
C311.5	3	3	2	2	1	-	-	-	-	-	3	3	3	3	2
C311.6	3	3	2	2	1	-	-	1	1	-	3	3	3	3	2

Prepared by: (Mr. P. Thirumaran)

HOD



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

Assignment - 01				Date of Issue	04.09.2017	Marks	10
Course code	EE6503	Course Title	Power Electronics				
Year	III	Semester/Section	V / A	Date of Submission:	04.09.2017		

Q.No	Questions	CO
1	Write down types and applications of cycloconverters.	C305.6

M. Sundar

Name and Signature of the Faculty Incharge

(M. BANUSUNDARESWARI)

J. Rajan
HoD/ICE



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

Tutorial - 02		Date of Issue:	23-9-2019	Marks	20
Course code	IC6701	Course Title	Digital Control System		
Year	IV	Semester/Section	VII / A	Date of Submission:	23-9-2019

Q.No	Questions	CO
1	Consider the characteristic polynomial $2z^4+7z^3+10z^2+4z+1=0$. Determine the stability of the system using Jury's stability test.	C401.4
2	Consider the characteristic polynomial $2z^4+7z^3+10z^2+4z+1=0$. Determine the stability of the system using Bilinear transformation.	C401.4
3	Write down the procedure for the design of lead compensator using bode plot.	C401.5
4	$y(k+3)+5y(k+2)+7y(k+1)+3y(k)=r(k+1)+r(k)$. Obtain the state model of the given system using controllable canonical form. Also draw the state diagram.	C401.5

K. Eshwari

Name and Signature of the Faculty Incharge

(K. ESHWARASI)

K. Eshwari
HoD/ICE

SARANATHAN COLLEGE OF ENGINEERING
Tiruchirapalli, Tamil Nadu 620012
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

LESSON PLAN
(For the period Jun 2017 – Nov 2018)

Subject Code	: EI 6511	Degree / Branch	: B.E. / ICE
Subject Name	: Transducers and Measurement Laboratory	Year / Sem / Sec	: III / V / A
Faculty	: Eazhisai Vallabi/ Mr.P.Thirumurugan	Total No. of Hours given in the Syllabus	: 45
		Lecture	: --
		Tutorial	: --
		Practical	: 45
		Grand Total	: 45

COURSE OBJECTIVES:

The aim of this lab is to fortify the students with an adequate work experience in the measurement of different quantities and also then expertise in handling the instruments involved.

S. No	Topic	No of Hrs	Planned Date	Actual Date	Batch (A/B)	Teaching Methodology
CYCLE - I						
1	Displacement versus output voltage characteristics of a potentiometric transducer	3	30/6/17	30/6/17	A	Practical
			3/7/17	3/7/17	B	
2	Characteristics of Strain gauge and Load cell.	3	30/6/17	30/6/17	A	Practical
			3/7/17	3/7/17	B	
3	Characteristics of LVDT, Hall Effect transducer and Photoelectric tachometer.	3	7/7/17	7/7/17	A	Practical
			8/7/17	8/7/17	B	
4	Characteristics of LDR, thermistor and thermocouple.	3	13/7/17	13/7/17	A	Practical
			14/7/17	14/7/17	B	
5	Step response characteristic of RTD and thermocouple	3	24/7/17	24/7/17	A	Practical
			25/7/17	25/7/17	B	
6	Temperature measurements using RTD with three and four leads.	3	24/7/17	24/7/17	A	Practical
			25/7/17	25/7/17	B	
7	Fiber optic transducer for temperature or pressure measurement.	3	29/7/17	29/7/17	A	Practical
			31/7/17	31/7/17	B	
CYCLE - II						
8	Wheatstone and Kelvin's bridge for measurement of resistance	3	4/8/17	4/8/17	A	Practical
			7/8/17	7/8/17	B	
9	Schering Bridge for capacitance measurement and Anderson Bridge for inductance measurement.	3	4/8/17	4/8/17	A	Practical
			12/8/17	12/8/17	B	
10	Calibration of Single-phase Energy meter and	3	11/8/17	11/8/17	A	Practical

S. No	Topic	No of Hrs	Planned Date	Actual Date	Batch (A/B)	Teaching Methodology
11	Calibration of Ammeter and Voltmeter using Student type potentiometer.	3	12/8/17	12/8/17	B	Practical
			19/8/17	19/8/17	A	
			21/8/17	21/8/17	B	
12	Design and calibration of series and shunt type ohmmeters.	3	31/8/17	31/8/17	A	Practical
			1/9/17	1/9/17	B	
13	One or two experiments beyond syllabus.	3	31/8/17	31/8/17	A	Practical
			1/9/17	1/9/17	B	

Signature of the Faculty

HOD



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.

Date: 22/10/19

Ref: SCE/Syllabus/ Theory/2018-19 -Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Applied soft computing, code EE6006 for IV year, 7th semester, department of ICE B.E/B.Tech/MBA during the academic year 2018 - 19, odd semester.

In this regard, I confirm, that I have taught all the topics mentioned in the syllabus, and took lectures for 75 periods, revised syllabus for 5 periods and discussed the Anna University Examination question papers of the last 5 years.

Signature : K. Ezhilaras
Name : K. EZHILARAS
Designation : ASSISTANT PROFESSOR
Department : ICE
Date : 22/10/18

Signature of HoD : [Signature]

Principal :

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI - 12
QAC - QUALITY ASSESSMENT CELL

ACADEMIC YEAR: 2019-2020

SEMESTER: ~~ODD~~ / EVEN ✓

NAME OF THE DEPARTMENT : ICE		DETAILS OF EXAMINATION			
		IA TEST : I	Makeup Test : I		
SL.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Remarks	
YEAR/SEM/SEC : II / IV / A					
		IA Test	Makeup Test		
1	EE 8395	215041, 32, 10	04, 28, 32	Y	NIL
2	EE 8451	215004, 23, 35	17, 36, 16	Y	NIL
3	EI 8451	215036, 25, 08	06, 31, 20	Y	NIL
4	EI 8452	215003, 01, 23	215032, 19, 08	Y	NIL
5	IC 8451	215033, 18, 04	215039, 17, 04	Y	NIL
6	MA 8491	215034, 15, 06	215027, 17, 40	Y	NIL
YEAR/SEM/SEC : III / VI / A					
		IA Test	Makeup		
1	CS 8391	205042, 34, 10	17, 14, 46	Y	Write the name in log book
2	EE 8071	205041, 21, 05	205027	Y	NIL
3	EE 8072	205048, 28, 08	16, 27, 63	Y	NIL
4	EI 8092	205035, 27, 48	23, 27, 24	Y	NIL
5	EI 8651	205040, 31, 05	16, 35, 62	Y	NIL
6	IC 8651	205053, 52, 45	24, 62, 07	Y	NIL



VERIFIED BY:

1

2

SIGNATURE WITH DATE OF THE QAC MEMBERS

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2019 - 2020

Year/ Sem/Sec	II / IV / A	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 %
EE 8395	Mr. V. Koushik	IA Test	42	41	01	19	52.4									
		Make up Test	20	15	05	09	35									
Remarks		Students did lot of mistakes Theory Part They didn't concentrate to their work to generate an equivalent Part														
EE 8451	Mr.P. Thirumugan	IA Test	42	42	-	13	69									
		Make up Test	13	11	02	05	23									
Remarks		Diagram were not read and notes need to give importance to Diagram														
EI 8451	Mr.P. Ram Prakash	IA Test	42	42	-	15	61.9									
		Make up Test	15	12	03	08	26.6									
Remarks		* Poor presentation, Calculations mistakes in problems & unanswered Ques on theory part.														
Signature of QAC members with name:		<p style="text-align: center;">  R. SUDEESH BABU  R. S. SUDEESH BABU Principal </p>														
Signature of HOD																
Principal																

Saranathan College of Engineering
 QAC - Audit Report
 Academic Year : 2019 - 2020

Year/ Sem/Sec	IU/IV / A	Name of faculty	Subject Code	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 %	
EE 8452		Mr.P. Aravind		08	09	-	00	50											
			Remarks																
			IA Test	42	42	-	12	71.4											
			Make up Test	12	10	02	05	42											
IC 8451		MCT. Tenliangan		Analytical paper, Most were 17 marks, Assignments given															
			Remarks																
			IA Test	42	42	-	21	30.1											
			Make up Test	26	25	01	01	16											
MA 8491		Dr.S. Arun Praga		Silly mistakes in formulae															
			Remarks																
Signature of QAC members with name				<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><i>[Signature]</i> [P. SURESH BABU]</p> </div> <div style="width: 30%; text-align: center;"> <p>Dept: QAC/ EVEN -</p> <p>ICE</p> </div> <div style="width: 30%; text-align: right;"> <p><i>[Signature]</i> [P. SURESH BABU]</p> </div> </div>															
Signature of HOD				<i>[Signature]</i>															
Principal				<i>[Signature]</i>															

Saranathan College of Engineering
 QAC - Audit Report
 Academic Year : 2019 - 2020

Sem: ~~000~~ EVEN ✓

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 %		
CS 8391	Mr. T. Sathis Kumar	Remarks	IA Test	55	54	01	08	89.6												
			Make up Test	09	08	01	06	22.2												
			Remarks	Strong read practices in algorithms and recursion																
EE 8071	Mr. P. Thirumangaiyan	Remarks	IA Test	55	55	-	01	98												
			Make up Test	01	01	-	00	100												
			Remarks																	
EE 8072	Dr. M. Shanmugaveli	Remarks	IA Test	55	55	-	08	85.5												
			Make up Test	08	08	-	05	37.5												
			Remarks	Students need to concentrate on analytical concepts																
Signature of QAC members with name		<p>Signature of HOD: <i>[Signature]</i></p> <p>Principal: <i>[Signature]</i></p>																		
Signature of HOD		<p><i>[Signature]</i></p>																		
Principal		<p><i>[Signature]</i></p>																		

**SARANATHAN COLLEGE OF ENGINEERING**

Tiruchirappalli - 620012

Program ICE
Academic Year

2017 – 2018 / ODD

Course End Survey – Consolidated Report

Course Code & Title	: EE6006	Applied Soft Computing	
NBA Course Code	: C404	Faculty Name	P.Aravind
Year	: IV	Semester: V	No. of Entry : 59
COs	Course Outcome Questions	Attained Level	%
C404.1	Associate the concepts of feedback neural networks in industries.	2.24	78.9
C404.2	Illustrate the concepts of classical and fuzzy set theories	2.10	69.3
C404.3	Distinguish the adaptive fuzzy system and neuro-fuzzy systems.	2.17	78.9
C404.4	Infer a comprehensive knowledge on fuzzy logic control to real time systems.	2.08	71.0
C404.5	Explain the concept of genetic algorithms and its application to economic dispatch and unit commitment problems.	1.98	52.2
C404.6	Associate the concepts of feedback neural networks in industries.	2.07	58.6



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program ICE
Academic Year

2017 - 2018 / ODD

Course End Survey - Entry Details

Course Code & Title	: EE6006	Applied Soft Computing
NBA Course Code	: C403	Faculty Name P.Aravind
Year	: IV	Semester: V No. of Entry : 59

Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
175001	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175002	EE6006	2	2	2	2	3	3	07/10/2017	ICE	7	A	17-18000
175003	EE6006	2	2	1	1	2	1	07/10/2017	ICE	7	A	17-18000
175004	EE6006	2	1	0	3	0	3	07/10/2017	ICE	7	A	17-18000
175005	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175006	EE6006	3	2	2	2	2	2	07/10/2017	ICE	7	A	17-18000
175007	EE6006	2	1	2	1	1	2	07/10/2017	ICE	7	A	17-18000
175008	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175009	EE6006	1	0	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175010	EE6006	2	2	2	2	2	1	07/10/2017	ICE	7	A	17-18000
175011	EE6006	3	2	2	3	3	2	07/10/2017	ICE	7	A	17-18000
175012	EE6006	1	1	1	1	1	3	07/10/2017	ICE	7	A	17-18000
175013	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175014	EE6006	1	1	1	1	1	1	07/10/2017	ICE	7	A	17-18000
175015	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175016	EE6006	2	3	2	2	2	1	07/10/2017	ICE	7	A	17-18000
175017	EE6006	1	2	3	1	1	1	07/10/2017	ICE	7	A	17-18000
175018	EE6006	2	2	3	2	2	2	07/10/2017	ICE	7	A	17-18000
175019	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175020	EE6006	2	1	2	2	1	1	07/10/2017	ICE	7	A	17-18000
175021	EE6006	3	3	3	3	2	3	07/10/2017	ICE	7	A	17-18000
175022	EE6006	1	0	1	3	1	0	07/10/2017	ICE	7	A	17-18000
175023	EE6006	2	1	2	1	2	2	07/10/2017	ICE	7	A	17-18000
175024	EE6006	3	3	2	3	1	3	07/10/2017	ICE	7	A	17-18000
175025	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175026	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175027	EE6006	2	2	1	1	2	1	07/10/2017	ICE	7	A	17-18000
175028	EE6006	2	2	2	1	1	3	07/10/2017	ICE	7	A	17-18000
175029	EE6006	2	2	2	2	2	2	07/10/2017	ICE	7	A	17-18000
175030	EE6006	1	2	1	2	3	2	07/10/2017	ICE	7	A	17-18000
175031	EE6006	2	2	2	2	2	2	07/10/2017	ICE	7	A	17-18000
175032	EE6006	2	2	3	3	2	2	07/10/2017	ICE	7	A	17-18000
175033	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000

175034	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175035	EE6006	3	3	3	3	2	1	07/10/2017	ICE	7	A	17-18000
175036	EE6006	3	1	2	3	1	1	07/10/2017	ICE	7	A	17-18000
175037	EE6006	2	2	2	2	2	2	07/10/2017	ICE	7	A	17-18000
175038	EE6006	2	1	2	1	2	1	07/10/2017	ICE	7	A	17-18000
175039	EE6006	2	2	3	1	2	3	07/10/2017	ICE	7	A	17-18000
175040	EE6006	2	3	2	3	2	3	07/10/2017	ICE	7	A	17-18000
175042	EE6006	3	2	3	2	3	2	07/10/2017	ICE	7	A	17-18000
175044	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175045	EE6006	3	3	3	2	3	3	07/10/2017	ICE	7	A	17-18000
175046	EE6006	2	2	2	1	1	2	07/10/2017	ICE	7	A	17-18000
175047	EE6006	2	2	2	2	2	1	07/10/2017	ICE	7	A	17-18000
175048	EE6006	3	3	3	2	2	1	07/10/2017	ICE	7	A	17-18000
175049	EE6006	1	1	1	1	1	1	07/10/2017	ICE	7	A	17-18000
175050	EE6006	3	3	3	3	3	3	07/10/2017	ICE	7	A	17-18000
175051	EE6006	2	1	2	1	2	1	07/10/2017	ICE	7	A	17-18000
175052	EE6006	2	1	1	2	1	2	07/10/2017	ICE	7	A	17-18000
175053	EE6006	2	2	2	2	2	1	07/10/2017	ICE	7	A	17-18000
175054	EE6006	1	2	3	2	2	2	07/10/2017	ICE	7	A	17-18000
175055	EE6006	2	2	2	2	2	2	07/10/2017	ICE	7	A	17-18000
175056	EE6006	1	1	1	0	0	0	07/10/2017	ICE	7	A	17-18000
175057	EE6006	1	0	2	1	1	1	07/10/2017	ICE	7	A	17-18000
175058	EE6006	1	1	1	1	1	0	07/10/2017	ICE	7	A	17-18000
175059	EE6006	2	2	2	2	2	2	07/10/2017	ICE	7	A	17-18000
175060	EE6006	3	3	2	3	1	3	07/10/2017	ICE	7	A	17-18000
175061	EE6006	3	3	2	1	2	3	07/10/2017	ICE	7	A	17-18000
Attained Level		2.24	2.10	2.17	2.08	1.98	2.07					
%		78.9	69.3	78.9	71.0	52.2	58.6					

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SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
TIRUCHIRAPALLI - 620 012.

FEEDBACK DATA COLLECTED FROM STUDENTS

SEM : 2018-2019(ODD)

SUBJECT NAME: APPLIED SOFT COMPUTING

SUBJECT CODE : EE6006

FACULTY NAME : K.EZHILARASI

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 com prepared for the classes ?[15.0]	60	15	20	22	3	0	227/300	11.35/15.0
2	Subject Knowledge and Clarity of the Faculty[15.0]	60	11	24	23	2	0	224/300	11.20/15.0
3	Impartiality and Fairness to students?[8.0]	60	15	17	23	3	2	220/300	5.87/8.0
4	Interaction with students by the faculty[12.0]	60	12	21	22	5	0	220/300	8.80/12.0
5	Valuable/Extra Information given during lectures by the faculty[12.0]	60	13	19	23	5	0	220/300	8.80/12.0
6	Enthusiasm for subject?[12.0]	60	15	21	17	6	1	223/300	8.92/12.0
7	Showing Concern and Care for students?[4.0]	60	18	17	23	2	0	231/300	3.08/4.0
8	Punctuality in Evaluation of Exam Papers/Assignments?[6.0]	60	17	20	19	4	0	230/300	4.60/6.0
9	Whether syllabus for IA Tests/University Examination Completes Steadily?[8.0]	60	24	12	21	3	0	237/300	6.32/8.0
10	Ability to Speak Loudly and Clearly	60	16	16	22	6	0	221/300	5.92/8.0

Faculty Remarks: Some videos are presented for better understanding of students

HoD Remarks: Performance of the students can be improved further

(Signature)
HoD

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Planner for Even semester (2017-18) - II, III & IV YEAR

DEC	DAY	DETAILS	DAY order	Working days		JAN	DAY	DETAILS	DAY order	Working days		FEB	DAY	DETAILS	DAY order	Working days		MAR	DAY	DETAILS	DAY order	Working days		APR	DAY	DETAILS	DAY order	Working days		
				II/III/IV	Working days					II/III/IV	Working days					II/III/IV	Working days					II/III/IV	Working days					II/III/IV	Working days	II/III/IV
01	FRI					01	MON	NEW YEAR				01	THU		1	31	01	THU		1	51	01	01	SUN	HOLIDAY		Y	70		
02	SAT					02	TUE		III	13	02	FRI		II	32	02	FRI	Guest lecture	II	52	02	02	MON							
03	SUN	Holiday				03	WED	Feedback (ECE & EED)	IV	14	03	SAT	Former's day	III	33	03	SAT	HOLIDAY		II	52	03	TUE	Syllabus Completion	I	71				
04	MON	Verbal Training				04	THU	Feedback (Mech & IT)	V	15	04	SUN	HOLIDAY		III	33	04	SUN	HOLIDAY		III	53	04	WED	Model Exam					
05	TUE	One Day workshop on Python/ye				05	FRI	Saranathan Jayanthi	II	16	05	MON	Workshop	IV	34	05	MON		IV	54	06	05	THU	Model Exam						
06	WED	Verbal Training				06	SAT		II	17	06	TUE		V	35	06	TUE		IV	54	07	06	FRI	Model Exam						
07	THU	Verbal Training				07	SUN	HOLIDAY			07	WED		I	36	07	WED		V	55	07	07	SAT	Model Exam						
08	FRI	Verbal Training				08	MON	Class Committee	III	18	08	THU		II	37	08	THU		I	56	08	08	SUN	HOLIDAY						
09	SAT	Verbal Training				09	TUE		IV	19	09	FRI		III	38	09	FRI		II	57	09	09	MON	Model Exam						
10	SUN	Holiday				10	WED	IA TEST I			10	SAT		IV	39	10	SAT	Parents Teacher Meeting	III	58	10	10	TUE	Model Exam						
11	MON					11	THU	IA TEST I			11	SUN	HOLIDAY		11	11	SUN	HOLIDAY			11	11	WED							
12	TUE					12	FRI	IA TEST I	V	20	12	MON		IV	40	12	MON		IV	59	12	12	THU	Commencement of AU Practical Exam						
13	WED					13	SAT	BOGI	I	21	13	TUE		V	41	13	TUE		V	60	13	13	FRI	IA TEST I						
14	THU	Commencement of Senior Classes	I	1	14	SUN	PONGAL			22	14	WED	IA TEST II	I	41	14	WED		I	61	14	14	SAT	IA TEST I						
15	FRI		II	2	15	MON	THIRUVALLUVA DAY			23	15	THU	IA TEST II	II	42	15	THU	IA TEST III	II	62	15	15	SUN	HOLIDAY						
16	SAT		III	3	16	TUE	IZHAVAR THIRUNAL			24	16	FRI	IA TEST II	III	43	16	FRI	IA TEST III	III	63	16	16	MON							
17	SUN	Holiday				17	WED	MAKE UP TEST I	V	20	17	SAT	HOLIDAY		42	17	SAT	IA TEST III	IV	64	17	17	TUE							
18	MON		IV	4	18	THU	MAKE UP TEST I	I	21	18	SUN	HOLIDAY		II	42	18	SUN	HOLIDAY	II	62	18	18	WED							
19	TUE		V	5	19	FRI	MAKE UP TEST I	II	22	19	MON			III	43	19	MON	Feedback (ECE & EED)	III	63	19	19	THU							
20	WED		I	6	20	SAT		III	23	20	TUE			IV	44	20	TUE	Feedback (Mech & IT)	IV	64	20	20	FRI							
21	THU		II	7	21	SUN	HOLIDAY		21	21	WED	MAKE UP TEST II	IV	45	21	21	WED	Feedback (ECE & EED)	V	65	21	21	SAT							
22	FRI		III	8	22	MON		IV	22	22	THU	MAKE UP TEST II	V	45	22	22	THU	Bolovenal Celebration	V	65	22	22	SUN	HOLIDAY						
23	SAT	Alumni Meeting	IV	9	23	TUE		V	23	23	FRI	MAKE UP TEST II	I	46	23	23	FRI	SPORTS DAY	I	66	23	23	MON	Commencement of AU Theory Exam						
24	SUN	Holiday				24	WED		II	26	24	SAT	Technical Work	II	47	24	SAT	COLLEGE DAY		II	67	24	24	TUE						
25	MON	CHRISTMAS				25	THU		III	27	25	SUN	HOLIDAY		48	25	SUN	HOLIDAY		II	67	25	25	WED						
26	TUE		V	10	26	FRI	REPUBLIC DAY		III	26	MON			IV	48	26	MON	MAKE UP TEST III	II	67	26	26	THU	Former's Memorial day						
27	WED	Awareness on G	I	11	27	SAT			IV	27	TUE			V	49	27	TUE	MAKE UP TEST III	III	68	27	27	FRI							
28	THU		II	12	28	SUN	HOLIDAY		V	28	WED				50	28	WED	MAKE UP TEST III	IV	69	28	28	SAT							
29	FRI	Holiday				29	MON		III	28	THU				29	29	THU	MAHAVR JAYANTHI			29	29	SUN	HOLIDAY						
30	SAT	Holiday				30	TUE		IV	29	FRI				30	30	FRI	GOOD FRIDAY			30	30	MON							
31	SUN	Holiday				31	WED		V	30	WED				31	31	SAT	HOLIDAY			31	31	SAT							
				No. of Working days		12				18				20						19				8						

Total No. of working days for the semester - II/III/IV YEAR - 77



SARANATHAN COLLEGE OF ENGINEERING
Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012
Department of Information Technology
WORKLOAD -ALLOCATION FOR ACADEMIC YEAR 2018 -19(EVEN)



S.NO	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr.R.Sumathi Prof.	Computer Architecture	CS8491	II/IV	THEORY	5	5
2	Ms.N.Bhavanl Associate Prof.	Design and analysis of algorithms	CS8451	II/IV	THEORY	5	13
		Software Quality Assurance	IT6013	IV/VIII	THEORY	5	
		Project Work	IT6811	IV/VIII	LAB	3	
3	Ms.J.Sangeetha Priya Asst. Prof.	Operating Systems	CS 8493	II/IV	THEORY	5	17
		Network Programming and Management	IT6008	IV/VIII	THEORY	5	
		Operating Systems Lab	CS8461	II/IV	LAB	6	
		Project Work	IT6811	IV/VIII	LAB	1	
4	Mr.V.Senthil.Balaji Asst. Prof.	Information Technology Essentials	IT8201	II/IV	THEORY	5	16
		Distributed Systems	CS6601	III / VI	THEORY	5	
		Information Technology Essentials Lab	IT8211	II/IV	LAB	2	
		Mobile Application Development Lab	IT6611	III/VI	LAB	3	
		Project Work	IT6811	IV/VIII	LAB	1	
5	Mr.P.Anand Asst. Prof.	Software Architecture	IT6602	III/VI	THEORY	4	17
		Business Intelligence	IT6010	IV/VIII	THEORY	5	
		Database Management Systems Lab	CS8481	II/IV	LAB	6	
		Training and Placement	T & P	III/VI	THEORY	2	
6	Mr.R.Rengaraj @ Muralidharan Asst. Prof.	Database Management Systems	CS8492	II/IV	THEORY	5	15
		Database Management Systems Lab	CS8481	II/IV	LAB	6	
		Information Technology Essentials Lab	IT8211	I/II	LAB	2	
		Project Work	IT6811	IV/VIII	LAB	2	
7	Ms.A.Sheelavathi Asst. Prof.	Compiler Design	CS6660	III/VI	THEORY	5	17
		Service Oriented Architecture	IT6801	IV/VIII	THEORY	5	
		Compiler Lab	IT6612	III/VI	LAB	6	
		Project Work	IT6811	IV/VIII	LAB	1	
8	Ms.M.Padmapriya Asst. Prof.	C# and .NET	CS6001	III/VI	THEORY	5	17
		Computer Architecture	CS6303	III / VI ECE - B	THEORY	4	
		Operating Systems Lab	CS8461	II/IV	LAB	6	
		Project Work	IT6811	IV/VIII	LAB	2	
9	Mr.V.Manoj Kumar Asst. Prof.	Mobile Computing	IT6601	III/VI	THEORY	4	16
		Mobile Application Development Lab	IT6611	III/VI	LAB	6	
		Project Work	IT6811	IV/VIII	LAB	2	
		Training and Placement	T & P	III/VI	THEORY	2	
		Training and Placement - Lab	T & P	III/VI	LAB	2	

10	Mr.P.B.Arunprasad Asst. Prof.	Artificial Intelligence	CS6659	III/VI	THEORY	4	14
		Programming in C	CS8251	I/II	THEORY	5	
		C Programming Lab	CS8261	I/II	LAB	3	
		Project Work	IT6811	IV/VIII	LAB	2	
11	Ms.R.Keerthana Asst. Prof.	Computer Architecture	CS6303	III / VI ECE - A	THEORY	4	14
		Mobile Application Development Lab	IT6611	III/VI	LAB	3	
		C Programming Lab	CS8261	I/II	LAB	3	
		Project Work	IT6811	IV/VIII	LAB	3	
		Training and Placement - Lab	T & P	III/VI	LAB	1	
12	Ms.K.Muthukarpae Asst. Prof.	C Programming Lab	CS8261	I/II	LAB	3	15
		Information Technology Essentials Lab	IT8211	I/II	LAB	2	
		Compiler Lab	IT6612	III/VI	LAB	6	
		Project Work	IT6811	IV/VIII	LAB	3	
		Training and Placement - Lab	T & P	III/VI	LAB	1	
<p>R. RENWARAJ A. SHEELAVATHI</p> <p>Timetable Coordinator HoD/IT Principal</p>							

1. A. SHEELAVATHI, AP/IT
2. R. RENWARAJ AP/IT



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



REVIEW OF COURSE FILE- IT6008 Network Programming and Management

S.No.	Details	Date:	Remarks	
1.	Vision, Mission, PEOs, POs, PSOs, Blooms taxonomy		✓	
2.	Timetable/Workload of the staff – Distribution of teaching load		✓	
3.	Syllabus		✓	
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		✓	
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 – for subjects with 4 credits			
12.	IA test Q Paper with Key, sample answer papers (at least 3) and mark entry		✓	
13.	IA Test- Performance analysis-evidence-root cause analysis.		✓	
14.	Makeup Test –Q paper-Attendance-marks - sample answer papers		✓	
15.	Special class/coaching class/remedial class/attendance		✓	
16.	Conduct of Seminar, Quizzes - proof		given in log book	
17.	Content beyond the syllabus – proof		✓	
18.	Course end survey		✓	
19.	Internal Assessment sheet		✓	
20.	AU question paper with students feedback		✓	
21.	AU result analysis- Details of arrear students, toppers		✓	
22.	AU grade sheet			
23.	CO – PO & PSO attainment sheet		✓	
	Signature of Course handling faculty			
	Review			
	I	II	III	IV
Date	19.12.2018	21.1.2019	23.2.2019	26.3.2019
Signature of HOD	R. Sankar	R. Sankar	R. Sankar	R. Sankar



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/Programme: B.Tech(IT) **Course code & Name:** CS8494 - Software Engineering
Duration: June 2019- Nov 2019 **Semester:** 5 **Section:** A **Faculty:** M. Padma Priya

AIM

To introduce the students the need for software engineering.

OBJECTIVES

- To understand the phases in a software project.
- To understand the fundamental concepts of requirement engineering and analysis modeling.
- To understand the various software design methodologies.
- To learn various testing and maintenance measures.

COURSE OUTCOMES

C305. Software Engineering	
C305.1	Explain the key activities in managing a software Project
C305.2	Explain and Compare the different Process models
C305.3	Identify the concepts of requirements Engineering and Analysis Modeling
C305.4	Identify the Systematic Procedure for software design and deployment. Explain the process of architectural design and other interface design
C305.5	Compare and Contrast the various testing and maintenance.
C305.6	Explain the role of software testing in software development

UNIT 1 - SOFTWARE PROCESS AND AGILE DEVELOPMENT:

S.NO	Date planned	Topics to be covered	Book no[pg no]	Date Actual
1	20.06.2019	Introduction to Software Engineering, Software Process	TB1(Ch - 1.3,1.4 ; Pg12 – 17), RB1(Ch 1, 2; Pg 1-50)	20.06.2019
2	21.06.2019	Perspective and Specialized Process Models	TB1(Ch 2.3 , 2.4; Pg 38-53), Web Ref : 1	21.06.2019
3	01.07.2019	Introduction to Agility	TB1 (Ch 26.5; Pg 697 – 698), RB1(Ch 23.5; Pg 633-653)	01.07.2019
4	02.07.2019	Agile process	TB1 (Ch 26.6 ; Pg 698 – 707), Web Ref – 2	02.07.2019
5	03.07.2019	Extreme programming	TB1 (Ch 26.7; Pg 708 - 711), Web Ref-3	03.07.2019
6	03.07.2019	XP Process	TB1 (Ch 27.1,27.2.27.3,27.4,27.5; Pg721 – 738) RB1(Ch 4.1; Pg626 - 631)	04.07.2019

UNIT 2 - REQUIREMENT ANALYSIS AND SPECIFICATION:

S.NO	DATE PLANNED	TOPICS TO BE COVERED	BOOK NO(PAGE NO)	DATE ACTUAL
7	08.07.2019	Software Requirements	RB1(Ch 4; Pg 82), Web Ref - 6	08.07.2019
8	09.07.2019	Functional and Non-Functional	RB1(Ch 4.1; Pg 82 - 91) Web Ref -7	09.07.2019
9	10.07.2019	User requirements	Web Ref- 8	10.07.2019
10	11.07.2019	System requirements	Web Ref-9	11.07.2019
11	13.07.2019	Software Requirements Document	RB1(Ch 4.2; Pg 91-94) Web Ref-10	13.07.2019
12	13.07.2019	Requirement Engineering Process: Feasibility Studies	RB1(Ch 4.4; Pg 99-100) Web Ref-11	13.07.2019
13	16.07.2019	Requirements elicitation and analysis	RB1(Ch 4.5; Pg 100-110)	16.07.2019
14	17.07.2019	Requirements Validation	RB1(Ch 4.6 ;Pg 110-111)	17.07.2019
15	19.07.2019	Requirements Management	RB1(Ch 4.7; Pg 111-118)	19.07.2019

16	22.07.2019	Classical analysis: Structured system Analysis , Petri Nets- Data Dictionary	Web Ref-12	23.07.2019

UNIT III - SOFTWARE DESIGN:

S.NO	DATE PLANNED	TOPICS TO BE COVERED	BOOK NO(PAGE NO)	DATE ACTUAL
17	29.07.2019	Design process	TB1(Ch .8.2; Pg 219-222), Web Ref-15	29.07.2019
18	30.07.2019	Design Concepts	TB1(Ch 8.3; Pg 222-233), Web Ref-15	30.07.2019
19	01.08.2019	Design Model	TB1(Ch 8.4; Pg 233-239), Web Ref-16	01.08.2019
20	02.08.2019	Design Heuristic	Web Ref - 13	02.08.2019
21	03.08.2019	Architectural Design	TB1(Ch 9; Pg 242-249), RB1(Ch 22.3; Pg 147-164)	03.08.2019
22	05.08.2019	Architectural Styles	TB1(Ch 9.3; Pg 249-255), RB1(Ch 22.3; Pg 147-164)	05.08.2019
23	06.08.2019	Architectural Design	TB1(Ch 9.4; Pg 255-261), RB1(Ch 22.3; Pg 147-164),	06.08.2019
24	08.08.2019	Architectural Mapping using Data Flow	TB1(Ch 9.6; Pg 265-273), RB1(Ch 22.3; Pg 147-164),	08.08.2019
25	09.08.2019	User Interface Design: Interface analysis	TB1(Ch11.1,11.2,11.3 ; Pg 312-328), Web Ref - 17	09.08.2019
26	10.08.2019	Interface Design	TB1(Ch 11.4, 11.5; Pg 328-348),Web Ref -17	10.08.2019
27	12.08.2019	Component level Design: Designing Class based components, traditional Components.	TB1(Ch10 ; Pg 276-312), Web Ref-18	13.08.2019

UNIT IV - TESTING AND MAINTENANCE:

S.NO	Date planned	Topics to be covered	Book no(page no)	Date Actual
28	27.08.2019	Software testing fundamentals	TB1(Ch 18.1; Pg 482-484), RB1(Ch 8; Pg 205-228),	27.08.2019
29	29.08.2019	Internal and external views of Testing	TB1(Ch18.2; Pg 484-485), RB1(Ch 8; Pg 205-228),	29.08.2019
30	30.08.2019	White Box Testing	TB1(Ch 18.3; Pg 485), Web Ref -19	30.08.2019
31	31.08.2019	Basis Path Testing- Control Structure Testing	TB1(Ch18.4 ,18.5; Pg 485-495)	31.08.2019
32	03.09.2019	Black Box Testing	TB1(Ch18.6; Pg 495-502), Web Ref -20	03.09.2019
33	06.09.2019	Regression Testing	TB1(Ch 6.3; Pg 499-513), Web Ref- 21	06.09.2019

34	07.09.2019	Unit Testing	TB1(Ch 17.3.1; Pg 456-459), Web Ref-22	07.09.2019
35	07.09.2019	Integration Testing	TB1(Ch 17.3.2; Pg 459-465), Web Ref-23	07.09.2019
36	09.09.2019	Validation Testing	TB1(Ch 17.6;Pg 467-470), Web Ref-24	09.09.2019
37	12.09.2019	System Testing And Debugging	TB1(Ch 17.7,17.8;Pg 470-479),	12.09.2019
38	13.09.2019	Software Implementation Techniques: Coding practices-Refactoring.	Web Ref -14	13.09.2019
39	16.09.2019	Maintenance and Reengineering		16.09.2019
40	18.09.2019	BPR model		18.09.2019

UNIT V - PROJECT MANAGEMNT:

S.NO	Date planned	Topics to be covered	Book no(page no)	Date Actual
41	19.09.2019	SPM, Estimation	TB1 (Ch 26.5; Pg 697 – 698), RB1(Ch 23.5; Pg 633-653)	19.09.2019
42	20.09.2019	FP Based, LOC Based	TB1 (Ch 26.6; Pg 698 – 707), Web Ref - 2	20.09.2019
43	26.09.2019	Make/Buy Decision COCOMO II, project scheduling	TB1 (Ch 26.10; Pg715 – 718),	27.09.2019
44	27.09.2019	project scheduling, EVA	TB1 (Ch 26.7; Pg 708 - 711), Web Ref-3	27.09.2019
45	27.09.2019	Planning – Project Plan, Planning Process		27.09.2019
46	27.09.2019	RFP Risk Management- Identification, Projection	Web Ref-25	27.09.2019
47	27.09.21019	RMMM - Scheduling and Tracking	TB1 (Ch 28.4,28.5; Pg 747 - 754), RB1(Ch 22.1; Pg 595-602)	27.09.21019
48	27.09.2019	Case Tools	TB1 (Ch 28.6; Pg 755 - 759), Web Ref-5	27.09.2019
			TB1 (Ch 27.2,27.3,27.4; Pg 722 - 732)	

TEXT BOOKS:

1.Roger S Pressman,- Software Engineering – A Pracutioner’s Approach, 7th edition

REFERENCES:

1. Ian Sommerville, "Software Engineering", 9th Edition, Pearson Education Asia, 2011.
2. Rajib Mall, "Fundamentals of Software Engineering", Third Edition, PHI Learning Private Limited, 2009.
3. Pankaj Jalote, "Software Engineering, A Precise Approach", Wiley India, 2010.
4. Kelkar S.A., "Software Engineering", Prentice Hall of India Pvt Ltd, 2007.
5. Stephen R. Schach, "Software Engineering", Tata McGraw-Hill Publishing Company Limited, 2007.

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
C305.1	3	2	2	1	-	-	-	-	-	-	1	1	3	2	-
C305.2	3	2	2	1	2	-	-	-	1	1	1	1	3	2	-
C305.3	3	2	2	1	-	-	-	-	1	-	1	1	3	2	-
C305.4	3	2	2	1	-	-	-	-	1	1	1	1	3	2	-
C305.5	3	2	2	1	2	-	-	-	1	-	-	1	3	2	-
C305.6	3	2	2	1	-	-	-	-	1	1	1	1	3	2	-

M. Padma Priya
Faculty Incharge

R. L. K.
HoD/IT



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



DEPARTMENT OF INFORMATION TECHNOLOGY

Assignment - 01		Date of Issue:	14.7.2017	Marks	10
Course code	CS6701	Course Title	Cryptography and Network Security		
Year	IV	Semester/Section	VII / A & B	Date of Submission:	25.07.2017

Q.No	Questions	CO
1	Solve chinese remainder Theorem for following equations i. $X \equiv 3 \pmod{7}, X \equiv 5 \pmod{15}$ ii. $X \equiv 2 \pmod{3}, X \equiv 3 \pmod{5}, X \equiv 2 \pmod{7}$	C402.3
2	i. Apply Eulers fermat theorem and compute the last three digit of 7^{803} ii. Find the last 2 digits of 123^{562} iii Find last 2 digits 14^{201}	C402.3



SARANATHAN COLLEGE OF ENGINEERING
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DEPARTMENT OF INFORMATION TECHNOLOGY
(Accredited by NBA)

Tutorial- 04		Date of Issue:	09.02.2017	Marks	10
Course code	MA6453	Course Title	PROBABILITY AND QUEUEING THEORY		
Year	II	Semester/Section	IV / A	Date of Submission:	11.02.2017

Q.No	Questions	CO	PO	PSO
1	a. If X is a binomial distribution with $E[X] = 2$ and $Var[X] = 4/3$, find $P[X = 5]$ 16. b. For a binomial distribution mean is 6 and standard deviation is 6 . Find the first two terms of the distribution.	C0210.2	1,10,12	-
2	The monthly breakdowns of a computer is a random variable having Poisson distribution with mean equal to 1.8. Find the probability that this computer will function for a month 1) without breakdown 2) with only one breakdown	C0210.2	1,10,12	-
3	Suppose that the trainee soldiers shots independently. If the probability that the target shot an any one shot is 0.7 1) What is the probability that the target would be hit on 10th attempt? 2) What is the probability that it takes him less than 4 shots? 3) What is a probability that take him on even number of shots? 4) What is a average number of shots needed to hit the target?	C0210.2	1,10,12	-

N. Subramanian

Name and Signature of the Faculty Incharge

[Signature]

HoD/Maths



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
Duration: DEC 2018 - APR 2019

Course code & Name: CSB461 - OPERATING SYSTEM LABORATORY
Semester: IV Section: A Faculty: Ms. J.Sangeethapriya

AIM

To learn unix commands, shell programming and implementing the concepts of operating system :

OBJECTIVES

- To learn Unix commands and shell programming
- To implement various CPU Scheduling Algorithms
- To implement Process Creation and Inter Process Communication.
- To implement Deadlock Avoidance and Deadlock Detection Algorithms
- To implement Page Replacement Algorithms
- To implement File Organization and File Allocation Strategies

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

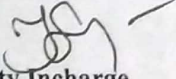
Course	Course Outcome	POs	PSOs
C217.1	Understand the basic concepts and functions of operating system and also analyze various scheduling algorithms		1,2
C217.2	Understand deadlock, prevention and avoidance algorithms.	1,2,3,5	
C217.3	Implement Semaphores	1,2,3,5	1,2
C217.4	Create processes and implement IPC	1,2,3,5	1,2
C217.5	Analyze the performance of the various Page Replacement Algorithms	1,2,3,5	1,2
C217.6	Implement File Organization and File Allocation Strategies	1,2,3,5	1,2

S.No	Date Planned	Period Number	Topics to be Covered	Date Actual
1	19/12/2019	3	Basics of UNIX commands	
2	27/12/2019	3	Write programs using the following system calls of UNIX operating system fork, exec, getpid, exit, wait, close, stat, opendir, readdir	19/12/2019 27/12/2019
3	7/1/2019	3	Write C programs to simulate UNIX commands like cp, ls, grep, etc.	7/1/2019
4	28/1/2019	6	Shell Programming	28/01/2019
5	4/2/2019	6	Write C programs to implement the various CPU Scheduling Algorithms	4/2/2019
6	11/2/2019	3	Implementation of Semaphores	
7			Implementation of Shared memory and IPC	11/2/2019
8	19/2/2019	3	Bankers Algorithm for Deadlock Avoidance	
9			Implementation of Deadlock Detection Algorithm	19/2/2019
10	25/2/2019	3	Write C program to implement Threading & Synchronization Applications	
11	2/3/2019	3	First fit memory allocation	25/2/2019
12			Worst fit, best fit memory allocation	
13	3/3/2019	3	Paging technique	2/3/2019
14			FIFO replacement algorithm	
15	12/3/2019	3	LRU, LFU replacement algorithm	12/3/2019
16	14/3/2019	3	File organization techniques	
17	14/3/2019	3	File allocation strategies	13/3/2019
18	15/3/2019	3	Disk Scheduling (value added)	14/3/2019 15/3/2019

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C217.1	3	1	3											
C217.2	3	1	3	-	2									
C217.3	3	1	3	-	2									
C217.4	3	1	3	-	2								1	1
C217.5	3	1	3	-	2								1	1
													1	1
													1	1

C217.6	3	1	3	-	2									1	1
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Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO
Disk Scheduling	Po1,p02	C217.1



Faculty Incharge

HoD/IT.



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.



Date: 30.10.2018

Ref: SCE/Syllabus/ Theory/2018-19-Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject SOFTWARE TESTING, code IT6004 for IV year, VII semester, department of IT B.E/B.Tech/MBA during the academic year 2018 - 19, odd 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 16 periods and discussed the Anna University Examination question papers of the last 2 years.

Signature : Bhavana
Name : N. BHAVANI
Designation : ASSO. PROFESSOR.
Department : IT
Date : 30.10.2018

Signature of HoD : R. P. V.

Principal : [Signature]

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2019-20

Year/ Sem/Sec	Name of faculty	Subject Code	Sem: ODD/ EVEN-														
			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 %
CS8351	MS. Ramya		60	59	01	29	73.35%	61	61	Nil	20	83.3%	62	61	01	23	74%
CS8391	Ms. Bhavani	Remarks	Students are Confused to draw logic diagrams.														
		IA Test	60	57	3	26		62	62	Nil	20	83.3%	62	61	01	24	62.5%
		Make up Test	29	29	0	20	34.03	20	20	Nil	3	88					
CS8392	Mr. Senthil Raji.	Remarks	Students did not write algorithm correctly. More practice to be given.														
		IA Test	61	58	3	24	61.1%	61	61	Nil	19	68.8%	62	61	01	20	63.2%
		Make up Test	27	25	02	08	63.1%	19	19	Nil	7	63.1%					
Signature of QAC members with name			S. Hari Prasanth 13/8/19					A. Govindarajan 13/8/19					A. Govindarajan 13/8/19				
Signature of HOD			R. Senthil Raji 13/8/19					R. Senthil Raji 13/8/19					R. Senthil Raji 13/8/19				
Principal			Senthil Raji					Senthil Raji					Senthil Raji				

Saranathan College of Engineering
QAC - Audit Report
Academic Year :

Year/ Sem/Sec		II / III		Sem: ODD/ EVEN														
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 %		
EC8394	Ms. Sivagama Sundhari. P.	IA Test	62	61	01	32	48.38%	62	62	NIL	26	53.3	62	61	01	52	15.01	
		Make up Test	33	32	01	24	18.18%	26	26	NIL	20	15.3						
		Remarks	Students are confused in circuit diagram					Student drawn the clock diagram & troubleable alone / explanation not given properly					Student have only half day to study entire 3 units they didn't write well (part)					
MAB351	Dr. P. K. Lakshmi devi	IA Test	60	57	03	30	45%	62	69	1	32	46.6	62	60	02	34	43.33	
		Make up Test	33	33	0	25	24.24%	33	30	02	14	53.3						
		Remarks	Students confused to use logical laws					Students made mistakes in first step, so they lose step marks.					Can't manage five units for test.					
-	-	IA Test																
		Make up Test																
		Remarks																
Signature of QAC members with name		S. Haniprasath 13/8/19					A. S. S. 14/9/19 A. Govindaraj					A. S. S. 16/10/19 A. Govindaraj						
Signature of HOD		R. S. S. S. S.					R. S. S. S. S.					R. S. S. S. S.						
Principal		[Signature]					[Signature]					[Signature]						

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2019-20

Sem: ODD/ EVEN-
IT

Year/ Sem/ Sec	III/IV	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 %								
				IA Test	Make up Test	16	14	2	15	15	04	75.1	72.22	55	55	Nil	12	12	Nil	5	58.3	78.18	55	54	01	18	66.5					
CS8494	M.S. Padma Priya	Remarks	-																													
CS8591	Dr. R. Sumathi	Remarks	-																													
EC8691	Ms. Vaishnavi	Remarks	-																													
Signature of QAC members with name				S. Hariprabath 13/12/19										A. Anandharaman 12/12/19										A. Anandharaman 12/12/19								
Signature of HOD				R. S. Venkatesh										R. S. Venkatesh										R. S. Venkatesh								
Principal				A. Anandharaman										A. Anandharaman										A. Anandharaman								

Saranathan College of Engineering
QAC - Audit Report

Academic Year : 2019 - 20

Year/ Sem/Sec	Name of faculty	Subject Code	IA Test	Make up Test	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 %	
III / V	Mr. Rengaraj	IT8501	55	24	55	24	0	8	59.61	55	15	14	01	6	60	55	54	01	42	62.27
			Remarks	Students lack in programming																
			Remarks	Lack of preparation.																
MA8551	Dr. Revathi. S.		IA Test	55	55	0	39	89.09	55	54	01	30	84.14	55	53	02	44	16.9		
			Make up Test	39	39	0	22	56.41	28	28	02	9	67.8							
			Remarks	They Confused themselves in theorems																
			Remarks	Lack of Concentration in Part A & D parts																
			Remarks	Lack of preparation																
OCE552	Mr. P. Arand		IA Test	55	53	2	20	62.46	55	54	01	16	64.09	55	55	NIL	17	69.0		
			Make up Test	22	22	0	03	86.36	17	17	NIL	03	82.35							
			Remarks	-																
Signature of QAC members with name			S. Hanuprasath					A. B. 19/11/19					A. B. 19/11/19							
Signature of HOD			R. S. 18/12/19					A. B. 19/11/19					A. B. 19/11/19							
Principal			S. Hanuprasath					A. B. 19/11/19					A. B. 19/11/19							

Saranathan College of Engineering
QAC - Audit Report

Academic Year : 2019-20

Sem: ODD/ EVEN

Dept IT

Year/ Sem/Sec	II / VII	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 %	
CS6701	MS. Sangeetha Priga			IA Test	59	58	1	22	62%	59	59	NIL	18	60%	59	59	NIL	34	42.3
		Make up Test		23	23	0	03	86.95%	18	18	NIL	4	75%						
		Remarks		-															
CS6703	Mr. Manoj Kumar			IA Test	59	58	1	20	65.51%	56	53	03	15	71.1	59	58	01	87	86.2
		Make up Test		21	21	0	13	33.33%	18	18	NIL	04	77.7						
		Remarks		-															
1T6604	MS. Padma Priya			IA Test	59	58	1	09	84.48	59	54	02	6	89.	59	58	01	86	83.4
		Make up Test		10	10	0	02	80%	8	8	NIL	4	50						
		Remarks		-															
Signature of QAC members with name				I.S. Hari Prasath, S.H. Jawlik (AP) 13/8/19					A.R. 12/9 A. Anil Kumar					A. Prasad A. Anil Kumar					
Signature of HOD				R.S. Lakshmi					R.S. Lakshmi					R.S. Lakshmi					
Principal				Agnes Mary					Agnes Mary					Agnes Mary					

Advised the students to prepare well for university exam.

Advised the students to write well in exam.

Motivated the students to prepare well for unit exam.

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2019 - 20

Year/ Sem/Sec	Name of faculty	Subject Code	Sem: ODD/ EVEN														
			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 %
IV / VII	Mr. P. Anand	1T6T01	59	57	2	18	68.42	59	57	02	15	31.18	59	58	01	49	15.5
			20	20	0	08	60%	17	17	NIL	10	41.17					
			59	56	3	19	66.07	59	58	01	23	60.3	59	57	02	46	19.2
1T6T02	MS. Bhavani		22	22	0	8	63.63	24	24	NIL	6	45	24				
			<p>Remarks: -</p> <p>Students were referred in Part-A 2 mark questions</p> <p>Students were referred to concentrate more on Part A & Part B questions</p> <p>Students have not prepared well for the exam they are advised to prepare well for University exam.</p>														
Signature of QAC members with name			1. S. Hariprasadh 13/12/19					A. S. 12/19 A. Gopinathan					A. S. 24/10 A. Gopinathan				
Signature of HOD			R. S. 12/12/19					R. S. 12/12/19					R. S. 24/10				
Principal			A. S. 12/12/19					A. S. 12/12/19					A. S. 24/10				



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	IT
Academic Year	
2018 – 2019 / ODD	

Course End Survey – Consolidated Report

Course Code & Title	: CS8391	DATA STRUCTURES			
NBA Course Code	:	Faculty Name	Ms.A.SHEELAVATHY		
Year	: II	Semester: III	No. of Entry	: 41	
COs	Course Outcome Questions			Attained Level	%
C203.1	Explain Abstract Data Type, linked list implementations and its applications and operations			2.76	91.87
C203.2	Learn Stack, Queue and implementations and their applications			2.95	98.37
C203.3	Learn the tree data structure and traversals and their types (Binary, AVL, B,B+) to solve various problems			2.85	95.12
C203.4	Explain graph, representation and its traversals			2.85	95.12
C203.5	Discuss the topological sort, graph connectivity and applications of graphs			2.83	94.31
C203.6	Implement Sorting and Searching algorithms, Hash Function, and Open addressing			2.78	92.68

3- very good 2-good 1- poor



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	IT
Academic Year	
2018 – 2019 / ODD	

Course End Survey – Entry Details

Course Code & Title	: CS8391	DATASTRUCTURES	
NBA Course Code	: C203	Faculty Name	A.SHEELAVATHY
Year	: II	Semester: V	No. of Entry : 41

BATCHNO	SEM	SEC	SEMPERIOD	SUBCODE	TITLE	QNO1	QNO2	QNO3	QNO4	QNO5	QNO6
194024	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204001	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204002	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204003	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204004	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	2	2	2	2	2
204005	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	2	2	2	2	2
204006	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204007	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	3	3	3	2
204008	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	2	3	2	2
204009	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204019	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204020	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	2	2	2	2
204021	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	2	2	2	2
204022	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204023	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	3	3	3	3
204024	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204026	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204028	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	3	3	3	2
204029	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3

204031	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	2	3	3
204032	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204033	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204034	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	2	3	2	3
204035	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204036	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204039	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204040	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204041	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204042	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204043	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	3	2	2	3
204044	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204045	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204046	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	2
204047	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204048	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	3	3	3	3
204049	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204050	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204051	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204052	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204054	3	A	18-19ODD	CS8391	DATA STRUCTURES	3	3	3	3	3	3
204055	3	A	18-19ODD	CS8391	DATA STRUCTURES	2	3	3	3	3	2
					AVERAGE	2.756098	2.95122	2.853659	2.853659	2.829268	2.780488
					PERCENTAGE	91.87	98.37	95.12	95.12	94.31	92.68

SARANATHAN COLLEGE OF ENGINEERING

Faculty FeedBack Report of IT Department during MAR/APR-2019

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
				Weightage -->	15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
1	keerthana-it	ECE-A/6	44	CS6303/Computer Architecture	9.82	9.07	5.45	7.31	6.22	7.31	2.56	3.74	5.09	4.98	61.55
2	padmapriya-it	ECE-B/6	43	CS6303/Computer Architecture	13.81	13.81	6.92	9.93	8.71	10.38	3.52	5.44	7.18	7.26	86.97
3	senthilbalaji-it	IT-A/2	58	IT8201/Information Technology Essentials	11.64	11.69	5.85	8.52	8.44	8.98	2.86	3.77	5.46	6.23	73.44
4	bhavani-it	IT-A/4	52	CS8451/Design And Analysis Of Algorithms	11.77	11.88	5.94	8.77	8.72	9.09	2.98	4.62	6.15	6.18	76.12
5	sumathi-it	IT-A/4	52	CS8491/Computer Architecture	11.25	11.54	6.18	9.28	9.32	9.42	3.08	4.52	6.22	6.22	77.02
6	rengaraj-it	IT-A/4	52	CS8492/Database Management Systems	11.71	11.60	5.88	9.28	9.60	9.37	3.05	4.64	6.31	6.49	77.92
7	jspriya-it	IT-A/4	52	CS8493/Operating Systems	12.12	11.88	6.37	9.51	9.28	9.46	3.12	4.85	6.49	6.49	79.57
8	padmapriya-it	IT-A/6	50	CS6001/C# And .Net	12.96	12.84	6.66	10.51	9.26	10.03	3.38	5.09	6.72	7.10	84.55
9	senthilbalaji-it	IT-A/6	50	CS6601/Distributed Systems	12.72	13.08	6.62	9.36	9.41	9.84	3.14	4.30	6.46	6.66	81.58
10	sheelavathi-it	IT-A/6	50	CS6660/Compiler Design	12.24	12.36	6.40	9.55	8.93	9.50	3.15	5.11	6.62	6.50	80.37
11	manojkumar-it	IT-A/6	49	IT6601/Mobile Computing	12.73	13.35	6.17	10.29	10.53	10.29	3.33	5.27	6.89	7.05	85.89
12	anand-it	IT-A/6	50	IT6602/Software Architecture	11.28	11.52	5.98	8.64	7.97	8.50	2.98	4.90	6.43	6.62	74.82

Feedback Report of IT Department during MAR/ APR-2019

Srno	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) Counseling 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
				Weightage -->	15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
13	jspriva-it	IT-A/8	31	IT6008/Network Programming And Management	12.58	12.68	6.40	9.91	9.83	9.60	3.20	5.11	6.71	6.76	82.78
14	anand-it	IT-A/8	31	IT6010/Business Intelligence	12.58	12.48	6.55	9.99	9.68	9.83	3.25	5.11	6.76	6.92	83.15
15	bhavanit-it	IT-A/8	31	IT6013/Software Quality Assurance	12.48	12.19	6.55	9.75	9.50	9.52	3.17	4.95	6.61	6.76	81.61
16	sheelavathit-it	IT-A/8	31	IT6801/Service Oriented Architecture	12.58	12.48	6.55	10.22	10.14	10.30	3.33	5.15	6.66	6.86	84.28

R. S. K.



SARANATHAN COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty Feedback Report (MAR/APR 2019) based Counselling Report

27.3.2019

IV year: Almost all the four staff members' scores are closer to one another and their scores are also above 80%. Well done their duty. Appreciation to Ms.A.Sheelavathy, Mr.P.Anand, Ms.J.Sangeetha Priya and Ms.N.Bhavani.

III year: Very good score secured by the staff members handled classes to III year classes. Except Mr.P.Anand (whose score was 74.8%) other staff members scored above 80%. Well done to Ms.M.Padmapriya, Ms.A.Sheelavathy, Mr.V.Manojkumar and Mr.V.Senthilbalaji .

II year: All the staff members secured 75 to 80%. Every body (Dr.R.Sumathi, Ms.N.Bhavani, Ms.R.Rengaraj and Ms.J.SangeethaPriya) is in same scale. Well done.

For I year and other department subjects handled staff scored above 75% (Mr.P.Arunprasad, Mr.V.Senthilbalaji and Ms.M.Padmapriya) except Ms.R.Keerthana who has secured 61% in ECE's Computer Architecture. Advised her to practice more problems and also advised her to learn more about computer hardware.

— R. S. S. The
27/3/19

1. M. Padma Priya
2. R. Rengaraj
3. P. Anand
4. A. SHEELAVATHI
5. J. Sangeetha Priya
6. N. BHAVANI
7. MANOJ KUMAR V
8. R. Keerthana

1. Academic Planner

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12
Academic Planner for EVEN semester(2016-17) - III,III & IV YEAR UG

DIRECTG	DAY	DETAILS	DAY order working days	JANU17	DAY	DETAILS	DAY order working days	FEB17	DAY	DETAILS	DAY order working days	MARCH	DAY	DETAILS	DAY order working days	APR17	DAY	DETAILS	working days	working days		
																					working days	working days
01	THU			01	SUN	Holiday			01	WED					I	38	41	01	SAT	Holiday		
02	FRI			02	MON	COMMENCEMENT OF FIRST YEAR CLASSES	IV	1	4	02	THU				II	39	42	02	SUN	Holiday		
03	SAT	Holiday		03	TUE		V	2	5	03	FRI				III	40	43	03	MON	MODEL EXAM	61	64
04	SUN	Holiday		04	WED		I	3	6	04	SAT	Holiday						04	TUE	STUDY LEAVE		
05	MON			05	THU		II	4	7	05	SUN	Holiday						05	WED	MODEL EXAM	62	65
06	TUE			06	FRI		III	5	8	06	MON				IV	41	44	06	THU	STUDY LEAVE		
07	WED			07	SAT	Holiday				07	TUE				V	42	45	07	FRI	MODEL EXAM	63	66
08	THU			08	SUN	Holiday				08	WED				I	43	46	08	SAT	STUDY LEAVE		
09	FRI			09	MON		IV	6	9	09	THU				II	44	47	09	SUN	Holiday		
10	SAT	Holiday		10	TUE		V	7	10	10	FRI				III	45	48	10	MON	MODEL EXAM	64	67
11	SUN	Holiday		11	WED		I	8	11	11	SAT				IV	46	49	11	TUE	STUDY LEAVE		
12	MON			12	THU		II	9	12	12	SUN	Holiday						12	WED	MODEL EXAM	65	68
13	TUE			13	FRI	POGI				13	MON				V	47	50	13	THU	MODEL EXAM/ LAST WORKING DAY	66	69
14	WED			14	SAT	PONGAL				14	TUE				I	48	51	14	FRI	TAME NEW YEAR		
15	THU			15	SUN	Holiday				15	WED				II	49	52	15	SAT	Holiday		
16	FRI			16	MON	Holiday				16	THU				III	50	53	16	SUN	Holiday		
17	SAT			17	TUE		III	10	13	17	FRI				IV	51	54	17	MON			
18	SUN	Holiday		18	WED		IV	11	14	18	SAT	Holiday			V	52	55	18	TUE			
19	MON			19	THU		V	12	15	19	SUN	Holiday						19	SUN	Holiday		
20	TUE			20	FRI		I	15	18	20	MON	IA Test II			I	53	56	20	THU			
21	WED			21	SAT		II	16	19	21	TUE	IA Test II			II	54	57	21	FRI			
22	THU			22	SUN	Holiday				22	WED	IA Test II			III	55	58	22	SAT			
23	FRI			23	MON		III	15	18	23	THU	IA Test III						23	SUN	Holiday		
24	SAT			24	TUE		IV	16	19	24	FRI	IA Test III						24	MON			
25	SUN	Holiday		25	WED		V	17	20	25	SAT	IA Test III						25	TUE			
26	MON			26	THU	REPUBLIC DAY				26	SUN	Holiday						26	WED			
27	TUE			27	FRI	IA Test I				27	MON				IV	56	59	27	THU			
28	WED	COMMENCEMENT OF SENIOR CLASSES	I	1	28	SAT	IA Test I			28	TUE				V	57	60	28	FRI			
29	THU		II	2	29	SUN	Holiday								I	58	61	29	SAT			
30	FRI		III	3	30	MON	IA Test I								II	59	62	30	SUN			
31	SAT	Holiday		31	TUE		I	18	21						III	60	63					
		No. of Working days		3											III	60	63					
															III	23	23					
Total No. of working days for the semester:										73 / 61												
Every Day order 5 staff meeting with HOD, MMM(Mentor Mentee Meeting) CCM (Class committee meeting) IA Test (Internal assessment Test), QP(Question paper)																						
ST(Spoken Tutorial), PR (Project Review)																						

2. Anna university academic schedule

SARANATHAN COLLEGE OF ENGINEERING

Internal Assessment Mark & Attendance - Report Entry period - ODD Semester 2015
Period : July – November 2015

25.07.2015

For II, III & IV year B.E/B.Tech Programmes

Report No.	Report period	Test	Report Entry Period
I	01.07.2015 – 29.07.2015	No Test	29.07.2015 – 04.08.2015 (Only Attendance)
II	30.07.2015 – 27.08.2015	I.A.Test – 1	27.08.2015 – 01.09.2015
III	28.08.2015 – 26.09.2015	I.A.Test – 2	26.09.2015 – 30.09.2015
IV	28.09.2015 – 27.10.2015	I.A.Test – 3	27.10.2015 – 29.10.2015

For II Year M.E & II, III MCA Programmes

Report No.	Report period	Test	Report Entry Period
I	13.07.2015 – 08.08.2015	No Test	08.08.2015 – 12.08.2015 (Only Attendance)
II	10.08.2015 – 05.09.2015	I.A.Test – 1	05.09.2015 – 09.09.2015
III	07.09.2015 – 01.10.2015	I.A.Test – 2	01.10.2015 – 07.10.2015
IV	02.10.2015 – 27.10.2015	I.A.Test – 3	27.10.2015 – 29.10.2015

For II Year MBA Programme

Report No.	Report period	Test	Report Entry Period
I	22.07.2015 – 17.08.2015	No Test	17.08.2015 – 20.08.2015 (Only Attendance)
II	18.08.2015 – 14.09.2015	I.A.Test – 1	14.09.2015 – 18.09.2015
III	15.09.2015 – 12.10.2015	I.A.Test – 2	12.10.2015 – 15.10.2015
IV	13.10.2015 – 06.11.2015	I.A.Test – 3	06.11.2015 – 07.11.2015

PRINCIPAL



3. Academic Planner of Mechanical Department

SARANATHAN COLLEGE OF ENGINEERING, TRICHY-12
Academic Planner for EVEN semester(2016-17) - I,II,III & IV YEAR UG

DEC16	DAY	DETAILS	DAY order	working days	working days	JAN17	DAY	DETAILS	DAY order	working days	working days	FEB17	DAY	DETAILS	DAY order	working days	working days	MAR17	DAY	DETAILS	DAY order	working days	working days	APR17	DAY	DETAILS	working days	working days	
01	THU					01	SUN	Holiday				01	WED		II	19	22	01	WED		I	38	41	01	SAT	Holiday			
02	FRI					02	MON	COMMENCEMENT OF FIRST YEAR CLASSES	IV	1	4	02	THU		III	20	23	02	THU	SDP	II	39	42	02	SUN	Holiday			
03	SAT	Holiday				03	TUE		V	2	5	03	FRI		IV	21	24	03	FRI	SDP	III	40	43	03	MON	EXAM	61	64	
04	SUN	Holiday				04	WED		I	3	6	04	SAT	Holiday				04	SAT	SDP				04	TUE	STUDY LEAVE			
05	MON					05	THU		II	4	7	05	SUN	Holiday				05	SUN	Holiday				05	WED	EXAM	62	65	
06	TUE					06	FRI		III	5	8	06	MON		V	22	25	06	MON		IV	41	44	06	THU	STUDY LEAVE			
07	WED					07	SAT	Holiday				07	TUE	GL	I	23	26	07	TUE		V	42	45	07	FRI	EXAM	63	66	
08	THU					08	SUN	Holiday				08	WED		II	24	27	08	WED		I	43	46	08	SAT	STUDY LEAVE			
09	FRI					09	MON		IV	6	9	09	THU		III	25	28	09	THU		II	44	47	09	SUN	Holiday			
10	SAT	Holiday				10	TUE		V	7	10	10	FRI		IV	26	29	10	FRI	SYMPOSIUM	III	45	48	10	MON	MODEL EXAM	64	67	
11	SUN	Holiday				11	WED		I	8	11	11	SAT		V	27	30	11	SAT		IV	46	49	11	TUE	STUDY LEAVE			
12	MON					12	THU		II	9	12	12	SUN	Holiday				12	SUN	Holiday				12	WED	EXAM	65	68	
13	TUE					13	FRI	BOGI				13	MON		I	28	31	13	MON		V	47	50	13	THU	EXAM / LAST WORKING YEAR	66	69	
14	WED					14	SAT	PONGAL				14	TUE		II	29	32	14	TUE		I	48	51	14	FRI				
15	THU					15	SUN	Holiday				15	WED	GL	III	30	33	15	WED		II	49	52	15	SAT	Holiday			
16	FRI					16	MON	Holiday				16	THU		IV	31	34	16	THU		III	50	53	16	SUN	Holiday			
17	SAT					17	TUE		III	10	13	17	FRI	SDP	V	32	35	17	FRI		IV	51	54	17	MON	GL			
18	SUN	Holiday				18	WED		IV	11	14	18	SAT	SDP				18	SAT		V	52	55	18	TUE				
19	MON					19	THU		V	12	15	19	SUN	Holiday				19	SUN	Holiday				19	WED				
20	TUE					20	FRI		I	13	16	20	MON	IA Test II				20	MON		I	53	56	20	THU				
21	WED					21	SAT		II	14	17	21	TUE	IA Test II				21	TUE		II	54	57	21	FRI				
22	THU					22	SUN	Holiday				22	WED	IA Test II				22	WED		III	55	58	22	SAT				
23	FRI					23	MON		III	15	18	23	THU		I	33	36	23	THU	IA Test III				23	SUN	Holiday			
24	SAT					24	TUE		IV	16	19	24	FRI		II	34	37	24	FRI	IA Test III				24	MON				
25	SUN	Holiday				25	WED		V	17	20	25	SAT		III	35	38	25	SAT	IA Test III				25	TUE				
26	MON					26	THU	REPUBLIC DAY				26	SUN	Holiday				26	SUN	Holiday				26	WED				
27	TUE					27	FRI	IA Test I				27	MON		IV	36	39	27	MON		IV	56	59	27	THU				
28	WED	COMMEMORATION	I	1		28	SAT	IA Test I				28	TUE		V	37	40	28	TUE		V	57	60	28	FRI				
29	THU		II	2		29	SUN	Holiday										29	WED		I	58	61	29	SAT				
30	FRI	SDP	III	3		30	MON	IA Test I										30	THU		II	59	62	30	SUN				
31	SAT	Holiday				31	TUE		I	18	21							31	FRI	S	III	60	63						
No. of Working days				3						18	18					19	19					23	23				6	6	
Total No. of working days for the semester :																73 / 61													
Every Day order 5 staff meeting with HOD, MMM(Mentor Mentee Meeting), CCM (Class committee meeting), IA Test (Internal assessment Test), QP (Question paper)																													
S.T (Spoken Tutorial), PR (Project Review) SDP (Skill Development Programme) GL (Guest Lecture)																													

4. Subject allocation with work load (2018-19 EVEN)

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	T / L	HOURS	TH
1	Dr. G. Jayaprakash Prof.	Strength of Materials for Mechanical Engineers	CE 8395	II/IV	T	5	5
2	Dr. N.Baskar Prof.	Finite Element Analysis	ME 6603	III/VI	T	5	11
		Manufacturing Technology Lab- II	ME 8462	II/IV	L	6	
3	Dr. R.RekhaAsso.Prof	Design of Transmission Systems	ME 6601	III/VI	T	5	17
		Project Work	ME 6811	IV/VIII	L	12	
4	Dr. M.R.AnanthaPadmanabanAsso.Prof	Engineering Economics	MG 6863	IV/VIII	T	5	17
		Project Work	ME 6811	IV/VIII	L	12	
5	Dr. M.GanesanAsst.Prof	Manufacturing Technology - II	ME 8451	II/IV	T	4	15
		Finite Element Analysis	ME 6603	III/VI	T	5	
		CAD/ CAM Lab	ME 6611	III/VI	L	6	
6	Dr. A. Mercy Vasan Asst. Prof.	Gas Dynamics and Jet Propulsion	ME 6604	III/VI	T	5	19
		Alternative Fuels of IC Engine	IC 5251	I/II MET	T	4	
		Project Work	ME 6811	IV/VIII	L	8	
		Training and Placement (verbal)	T&P 1	III/VI	L	2	
7	Dr.G.Mahesh Asst. Prof.	Kinematics of Machinery	ME 8492	II/IV	T	5	18
		Basic Civil and Mechanical Engineering	BE 8252	I/II	T	3	
		Engineering Practices Lab	GE 8261	I/II	L	2	
		Project Work	ME 6811	IV/VIII	L	8	
8	Mr. S.Balakrishnan Asst. Prof.	Gas Dynamics and Jet Propulsion	ME 6604	III/VI	T	5	11
		Nuclear Engineering	EY 5091	I/II MET	T	4	
		Technical Seminar	TE 5211	I/MET	L	2	

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	T / L	HOURS	TH
10	Mr. S.Sathyanarayanan Asst. Prof.	Thermal Engineering-I	ME 8493	II/IV	T	6	16
		Fuels and Combustion	TE 5202	I/II	T	4	
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	L	6	
11	Mr. S.Karthikeyan Asst. Prof.	Automobile Engineering	ME 6602	III/VI	T	4	16
		Design and Fabrication Project	ME 6612	III/VI	L	6	
		Design and Fabrication Project	ME 6612	III/VI	L	6	
12	Mr. R.Kumar Asst. Prof.	Strength of Materials for Mechanical Engineers	CE 8395	II/IV	T	5	16
		Kinematics of Machinery	ME 8492	II/IV	T	5	
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	L	6	
13	Mr. M.Sridharan Asst. Prof.	Advanced IC Engines	ME 6012	IV/VIII	T	5	21
		Energy Management in Thermal Systems	TE 5008	I/II MET	T	4	
		Project Work	ME 6811	IV/VIII	L	8	
		Thermal Systems Simulation Lab	TE 5261	I/II MET	L	4	
14	Mr. A.Saravanan Asst. Prof.	Principles of Management	MG 6851	III/VI	T	4	15
		Production Planning and Control	IE 6605	IV/VIII	T	5	
		Design and Fabrication Project	ME 6612	III/VI		6	
15	Mr. P.JothiPalavesam Asst. Prof.	Unconventional Machining Processes	ME 6004	III/VI	T	4	15
		Manufacturing Technology Lab- II	ME 8462	II/IV	L	6	
		Design of Transmission Systems	ME 6601	III/VI	L	5	
16	Mr. P.V.Rajesh Asst. Prof.	Principles of Management	MG 6851	III/VI	T	4	18
		Manufacturing Technology Lab- II	ME 8462	II/IV		6	
		Project Work	ME 6811	IV/VIII	L	8	

S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	T / L	HOURS	TH
17	Mr. A.Ranjithraj Asst. Prof.	Engineering Economics	MG 6863	IV/VIII	T	5	14
		Basic Civil and Mechanical Engg	BE 8252	I/ II	T	3	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
18	Mr.J.Sivasubramanian Asst. Prof.	Production Planning and Control	IE 6605	IV/VIII	T	5	17
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	L	6	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
19	Mr.K.Sai Krishna Asst. Prof.	Unconventional Machining Processes	ME 6004	III/VI	T	4	19
		Manufacturing Technology Lab- II	ME 8462	II/IV	L	6	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Strength of Materials Lab	CE8481	II/IV	L	3	
20	Ms.R.S. Shivarajani Asst. Prof.	Thermal Engineering-I	ME8493	II/IV	T	6	18
		Environmental Engineering and Pollution Control	TE5291	I/II MET	T	4	
		Strength of Materials and Fluid Mechanics and Machinery Lab	CE 8381	II/IV	L	6	
		Training and Placement (verbal)	T&P 1	III/VI	L	2	
21	Mr.R.Vigneshwaran Asst. Prof.	Manufacturing Technology-II	ME 8451	II/IV	T	4	18
		CAD/ CAM Lab	ME 6611	III/VI	L	6	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
22	Mr.S.Vinoth Kumar Asst. Prof.	Engineering Mechanics	GE8292	I/II	T	8	16
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
23	Mr.P.Vigneshwar Asst. Prof.	Advanced IC Engines	ME 6012	IV/VIII	T	5	13
		Engineering Metallurgy	ME8491	II/IV	T	4	
		Engineering Practices Lab	GE 8261	I/ II	L	2	
		Training and Placement (Aptitude)	T&P 2	III/VI	L	2	

5. Index of course file



SARANATHAN COLLEGE OF ENGINEERING DEPARTMENT OF MECHANICAL ENGINEERING

COURSE FILE

ACADEMIC YEAR	2019-2020 (EVEN)
SEMESTER/YEAR	V/ III
COURSE CODE	ME8593
COURSE TITLE	DESIGN OF MACHINE ELEMENTS
COURSE INSTRUCTOR	Dr R. Rekha¹ and Mr.R. Suresh babu²
DESIGNATION	ASSOCIATE PROFESSOR¹ and ASSISTANT PROFESSOR²
DEPARTMENT	MECHANICAL ENGINEERING



SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

THEORY COURSE FILE

C O N T E N T

S.No	Detail	Verified (Y/N)
1.	Syllabus	✓
2.	Lesson Plan	✓
3.	Past Three Years University Question Papers	✓
4.	Extra Topics covered in addition to the syllabus suggested by the Anna University to realize the outcomes	✓
5.	Course objectives and outcomes	✓
6.	Reference & Text books list and the details of availability in the main library	✓
7.	Teaching Material (Notes) prepared by the staff.	✓
8.	Sample answer scripts of cycle tests from low medium and high marks.	✓
9.	Copies of Assignments submitted by the Students	✓
10.	Attendance and I.A Test Mark details	✓
11.	Comments on the current University Question papers.	✓
12.	Feedback about the students	✓


HOD/MECH



SARANATHAN COLLEGE OF ENGINEERING

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

DEPARTMENT OF MECHANICAL ENGINEERING

(Accredited by NBA)

6. Lecture Schedule

Degree/Program: **B.E / MECHANICAL**

Course code &Name: **ME6502 & HMT**

Duration: **2017 – 2018 ODD**

Semester: **V**

Section: **B**

Faculty : **M.Sridharan**

AIM

To introduce the students to the various abnormal operating conditions in thermal system and describe the apparatus and system mechanism.

OBJECTIVES

- To understand the mechanisms of heat transfer under steady and transient conditions.
- To understand the concepts of heat transfer through extended surfaces.
- To learn the thermal analysis and sizing of heat exchangers and to understand the basic concepts of mass transfer.
- In addition this course is designed to introduce a basic study of the phenomena of heat and mass transfer, to develop methodologies for solving a wide variety of practical engineering problems, and to provide useful information concerning the performance and design of particular systems and processes.
- A knowledge-based design problem requiring the formulations of solid conduction and fluid convection and the technique of numerical computation progressively elucidated in different chapters will be assigned and studied in detail. As well, to gain experience in designing experiments for thermal systems, the design, fabrication, and experimentation of a thin film heat flux gage will be attempted as part of laboratory requirements.

PRE-REQUISITE; Measurements and Instrumentation, Power System Analysis.

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

Course	Course Outcome	POs	PSOs
C302.1	Student will be able to understand mechanisms of heat transfer unde steady state conditions and fins.	1,2,3,6,7,8,10,11,12	1,2
C302.2	Student will be able to understand concepts of heat transfer through transient conditions.	1,2,3,6,7,8,10,11,12	1,2
C302.3	Student will be able to conduct convective experiments and to determine heat transfer coefficients under various conditions.	1,2,3,6,7,8,10,11,12	1,2
C302.4	Student will be able to evaluate thermal analysis and sizing of heat exchangers	1,2,3,6,7,8,10,11,12	1,2
C302.5	Student will be able to understand radiative heat transfer analysis for various configurations.	1,2,3,6,7,8,10,11,12	1,2
C302.6	Student will be able to understand the basic concepts of mass transfer.	1,2,3,6,7,8,10,11,12	1,2

S.No	Date Planned	Period Number	Topics to be Covered	Book No	Date Actual
UNIT I: CONDUCTION					
1	28/6/2017	2	General Differential equation of Heat Conduction- Cartesian and Polar Coordinates – One dimensional steady state heat conduction	1	28/06/17
2	29/6/2017	1	Plane and Composite Systems		29/06/17
3	07/7/2017	3,6	Conduction with Internal Heat Generation		07/07/17
4	18/7/2017	2,3,5	Extended Surfaces		18/07/17
5	19/7/2017	1	Unsteady Heat Conduction – Lumped Analysis – Semi Infinite and Infinite Solids – Use of Heisler's charts		19/07/17
UNIT II: CONVECTION Target Periods : 9					
6	24/7/2017	3,6	Free and Forced Convection	2	24/07/17
7	27/7/2017	2,5	Hydrodynamic and Thermal Boundary Layer.		27/07/17
8	28/7/2017	1	Free Convection during external flow over Plates		28/07/17
9	28/7/2017	3	Free Convection during external flow over and Cylinders and Internal flow through tubes.		28/07/17
10	31/7/2017	6,7	Forced Convection during external flow over Plates		31/07/17
11	31/7/2017	8	Forced Convection during external flow over Cylinders and Internal flow through tubes		31/07/17
Assignment 1 Date of Announcement : Date of Submission :					
IA Test-I					
UNIT III: HEAT EXCHANGER Target Periods : 9					
12	2/8/2017	2,3,4	Nusselt's theory of condensation - Regimes of Pool boiling and Flow boiling. Correlations in boiling and condensation.	3	09/08/2017
13	3/8/2017	1,5	Heat Exchanger Types - Overall Heat Transfer Coefficient – Fouling Factors		2/08/2017
14	9/8/2017	2,3	Heat Exchanger Analysis		04/08/2017
15	17/8/2017	2,6	LMTD method		07/08/2017
UNIT IV: RADIATION Target Periods : 9					
16	29/8/2017	2,5	Black Body Radiation – Grey body radiation	4	29/08/17
17	31/8/2017	1,7	Shape Factor		31/08/17
18	9/9/2017	6,8	Electrical Analogy		09/09/17
19	12/9/2017	2	Radiation Shields		12/09/17
20	14/9/2017	1,2	Radiation through gases		14/09/17
Assignment - 2 Date of Announcement : Date of Submission :					
IA Test-II					
UNIT V: MASS TRANSFER Target Periods : 9					
21	15/9/2017	6,8	Basic Concepts – Diffusion Mass Transfer – Fick's Law of Diffusion.	5	15/09/17
22	22/9/2017	2,4	Steady state Molecular Diffusion		22/09/17
23	26/9/2017	6,8	Convective Mass Transfer – Momentum, Heat and Mass Transfer Analogy		26/09/17
24	3/10/2017	2,5	Convective Mass Transfer Correlations		3/10/17
25	7/10/2017	2	Content Beyond syllabus – Microprocessor Based Relays		7/10/17
Assignment - 3 Date of Announcement : Date Of Submission :					
IA Test-III					

Books: Text/Reference

S. No	Title of the Book	Author	Publisher	Year
1	"Heat Transfer A Practical Approach"	Yunus A. Cengel,	Tata McGraw Hill,	2010
2	"Fundamentals of Heat and Mass Transfer"	Frank P. Incropera and David P. Dewitt	John Wiley & Sons	1998.
3	"Heat Transfer"	Venkateshan. S.P.	Khanna publishers Ane Books, New Delhi,	2004
4	"Heat Transfer"	Ghoshdastidar, P.S	Oxford	2004
5	"Heat Transfer"	Nag, P.K.	Tata McGraw Hill, New Delhi	2002

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C302.1	3	3	2	2	2					1			1		1
C302.2	3	3	2	2	1					1	1	1	1		1
C302.3	3	3	2	2	1					1			1		1
C302.4	3	2	2	2	1								1		1
C302.5	3	3	2	2	1					1			1		1
C302.6	3	3	2	2	1								1		1
C302	3	2.833	2	2	1.1	0.00	0.00	0.00	0.00	0.6667	0.1666	0.1666	1	0.00	1

CONTENT BEYOND SYLLABUS

Content beyond syllabus added	CO no. /Unit no.
1. Various Modes of Heat Transfer Involved in Solar FPC	C302.1, C302.3, C303.5 / 1,2,4
2. Experimental Investigation on Hybrid Flow Heat Exchanger	C302.4/3

WEB REFERENCE: www.nptel.iitm.ac.in


Faculty Incharge


HOD/MECH

7. Assignment



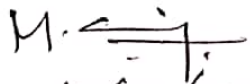
SARANATHAN COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF MECHANICAL ENGINEERING

(Accredited by NBA)

ASSIGNMENT

01

NAME : MATHU DEEPAN . S
BATCH NO : 186063
COURSE : MECHANICAL
COURSE CODE: ME6016
YEAR/SEC : IV / 'B'

CONTENT (6)	SUBMISSION (2)	PRESENTATION (2)	TOTAL (10)	STAFF SIGNATURE
06	02	02	10	M.  13/02/2019



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING
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Assignment - 01	Date of Issue	4/02/2019	Marks	10
Course Code	ME6016	Course Title	ADVANCED I.C ENGINES	
Year	IV	Sem/Section	8 / 'B'	

Q.No	Questions	CO	PO	PSO
1	Construct P-θ diagram for S.I Engines By conducting experiment with S.I rig	409.2	8,9,11	1 & 3
2	Construct P-θ diagram for C.I Engines By conducting experiment with C.I rig	409.3	8,9 & 11	1 & 3
3	Sketch layout for parallel connected Hybrid vehicles	409.6	8,9 & 11	1 & 3

M. Srinivasan
13/02/2019
(M. Srinivasan AT/MECH)
Name and Signature of the Faculty Incharge


HOD/MECH

8. Tutorial questions



SARANATHAN COLLEGE OF ENGINEERING
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DEPARTMENT OF MECHANICAL ENGINEERING
(Accredited by NBA)

TUTORIAL

03

NAME :S. SHARAN.....
BATCH NO :18.6.103.....
COURSE :Design of Transmission Systems.....
COURSE CODE:ME 6601.....
YEAR/SEC :III - B.....

SUBMISSION (5)	SOLVING METHODOLOGY (5)	TOTAL (10)	STAFF SIGNATURE
05	04	09	



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING
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Tutorial		Date of Issue	05-03-2018	Marks	10
Course Code	ME 6601	Course Title	Design of Transmission Systems		
Year	III	Sem/Section	VI - B	Date of Submission	12-03-2018

Q.No	Questions	CO	PO	PSO
1	The minimum and maximum speed of 6 speed gear box are 160 rpm and 500 rpm. Construct the kinematic arrangement and the ray diagram of the gear box and Find out no. of teeth in each gears	ME 310.5	P08	PS03
2	Select speed for 12 speed gear box for minimum speed of 160 rpm and max speed of 900 rpm Draw kinematic arrangement of gear box showing the no. of teeth	ME 310.5	P08	PS03
3	Select spindle speeds for a 9 speed gear box between 80 & 1285 rpm	ME 310.5	P08	PS03

[R. SURESH BABU]

Name and Signature of the Faculty Incharge

HOD/MECH

9. Laboratory Planned



Saranathan College of Engineering

Tiruchiappalli - 620 012

Department of Mechanical Engineering

Name:

Sem: V







Batch No.:

Section: A

Sub Code/Name: ME 8511 Kinematics & Dynamics Laboratory

Contents

Cycle - 1

S. No.	Date	Name of the Experiment	Staff Signature
1.	20/06/2019	Motorized Gyroscope	
2.	26/06/2019	Balancing of Reciprocating Masses	
3.	04/07/2019	Study of Cam - Follower Pair	
4.	11/07/2019	Study of Universal Governor Apparatus <ul style="list-style-type: none">▪ WATT Governor▪ PORTER Governor	
5.	17/07/2019	Determination of Whirling Speed of Shafts	
6.	23/07/2019	Torsional Vibration of Shaft - Single Rotor System	





Saranathan College of Engineering

Tiruchiappalli - 620 012

Department of Mechanical Engineering

Name:

Sem: V

Batch No.:

Section: A

Sub Code/Name: ME 8511 Kinematics & Dynamics Laboratory

Contents

Cycle - 2

S. No.	Date	Name of the Experiment	Staff Signature
1.	30/07/2019	Balancing of Rotating Mass	
2.	06/08/2019	Vibration Table Apparatus	
3.	13/08/2019	Torsional Vibration of Shaft - Two Rotor System	
4.	20/08/2019	Study of PROELL and HARTNELL Governor Apparatus	
5.	28/08/2019	Compound Pendulum	
6.	04/09/2019	Kinematics of Universal Joints	



Saranathan College of Engineering

Tiruchiappalli - 620 012

Department of Mechanical Engineering

Name:

Sem: V







Batch No.:

Section: A

Sub Code/Name: ME 8511 Kinematics & Dynamics Laboratory

Contents

Cycle - 3

S. No.	Date	Name of the Experiment	Staff Signature
1.	10/09/2019	Simple Gear Train	
2.	10/09/2019	Compound Gear Train	
3.	17/09/2019	Slider Crank Mechanism	
4.	17/09/2019	Turn Table Apparatus	
5.	24/09/2019	Gear Inspection using Gear Tooth Vernier Caliper	
6.	24/09/2019	Epicyclic Gear Train	



Branch: MECHANICAL ENGINEERING COURSE LOG


Subject: ME 8511 KINEMATICS & DYNAMICS LABORATORY

Date	Day Order	Period	Particulars of Portions Covered	Remarks
20-06-19	I	5,6,7,8	Batch-II, Cycle-1, Ex.No.: 1	144, 146
22-06-19	III	5,6,7,8	Batch-I, Cycle-1, Ex.No.: 1	1, 4, 11, 19, 24, 25, 30, 31, 32, 35, 36
26-06-19	I	5,6,7,8	Batch-II, Cycle-1, Ex.No.: 2	127, 133
01-07-19	III	5,6,7,8	Batch-I, Cycle-1, Ex.No.: 2	4, 9, 11, 35
04-07-19	I	5,6,7,8	Batch-II, Cycle-1, Ex.No.: 3	46, 49, 127, 148
08-07-19	III	5,6,7,8	Batch-I, Cycle-1, Ex.No.: 3	2, 11, 16, 35
11-07-19	I	5,6,7,8	Batch-II, Cycle-1, Ex.No.: 4	45, 133
13-07-19	III	5,6,7,8	Batch-I, Cycle-1, Ex.No.: 4	14, 16, 18, 19, 23, 28, 29, 33
17-07-19	I	5,6,7,8	Batch-II, Cycle-1, Ex.No.: 5	60, 146
19-07-19	III	5,6,7,8	Batch-I, Cycle-1, Ex.No.: 5	-
23-07-19	I	5,6,7,8	Batch-II, Cycle-1, Ex.No.: 6	-
25-07-19	III	5,6,7,8	Batch-I, Cycle-1, Ex.No.: 6	2, 7
30-07-19	I	5,6,7,8	Batch-II, Cycle-2, Ex.No.: 1	44, 50, 54, 129
01-08-19	III	5,6,7,8	Batch-I, Cycle-2, Ex.No.: 1	26, 34
06-08-19	I	5,6,7,8	Batch-II, Cycle-2, Ex.No.: 2	-
08-08-19	III	5,6,7,8	Batch-I, Cycle-2, Ex.No.: 2	8
13-08-19	I	5,6,7,8	Batch-II, Cycle-2, Ex.No.: 3	51, 146
16-08-19	III	5,6,7,8	Batch-I, Cycle-2, Ex.No.: 3	-
20-08-19	I	5,6,7,8	Batch-II, Cycle-2, Ex.No.: 4	-
22-08-19	III	5,6,7,8	Batch-I, Cycle-2, Ex.No.: 4	24
28-08-19	I	5,6,7,8	Batch-II, Cycle-2, Ex.No.: 5	42, 43, 138
30-08-19	III	5,6,7,8	Batch-I, Cycle-2, Ex.No.: 5	7, 28, 31, 33
04-09-19	I	5,6,7,8	Batch-II, Cycle-2, Ex.No.: 6	46, 126, 132, 144
06-09-19	III	5,6,7,8	Batch-I, Cycle-2, Ex.No.: 6	10, 19, 27, 36
15-09-19	I	5,6,7,8	Batch-II, Cycle-3, Ex.No.: 1 & 2	-
13-09-19	III	5,6,7,8	Batch-I, Cycle-3, Ex.No.: 1 & 2	1, 14, 29
17-09-19	I	5,6,7,8	Batch-II, Cycle-3, Ex.No.: 3 & 4	-
19-09-19	III	5,6,7,8	Batch-I, Cycle-3, Ex.No.: 3 & 4	4, 17, 33, 34
24-09-19	I	5,6,7,8	Batch-II, Cycle-3, Ex.No.: 5 & 6	44
26-09-19	III	5,6,7,8	Batch-I, Cycle-3, Ex.No.: 5 & 6	15, 23
30-09-19	I	5,6,7,8	Batch-II, Revision	43, 46, 49, 54, 131, 138 144, 146

(5)

10. Academic monitoring report (SCF)

10.1 Theory

 **SARANATHAN COLLEGE OF ENGINEERING**
THRUCHIRAPALLI - 620 012.

Date: 20/10/17

Ref: SCE/Syllabus/ Theory/2017-18-Odd sem/MECH/02

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Manufacturing Tech-I, code ME6302 for II year, III semester, department of Mechanical ^{Engrs.} B.E/B.Tech/MBA during the academic year 2017 - 18, odd 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 — periods and discussed the Anna University Examination question papers of the last 2 years.

Signature : V. B. Arora
Name : V. BASICAR
Designation : Professor
Department : Mechanical Engrs
Date : 20/10/17

Signature of HoD : [Signature]
Principal :

[Signature]



SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPALLI - 620 012.



Date: 13-10-2017

Ref : SCE/Syllabus/Laboratory/2017-18-Odd sem/ MECM/ 13

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 : D.M. GANESAN

Name : P. VIGNESHWAR

Designation : ASST. PROF.

Designation : ASST. PROF.

Department : MECHANICAL ENGG.

Signature of HoD :

Principal :

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

11. Academic audit report

Saranathan College of Engineering
 QAC - Audit Report
 Academic Year : 2017-18

Year/ Sem/Sec		Sem: ODD / EVEN															
II / VI - A		Test I					Test II					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 %	
ME 6604 U.C.M	Mr. VINOTH KUMAR	IA Test	71	66	05	31	56.3	71	71	-	18	74	71	70	01	30	56
		Make up Test	36	35	01	15	58.3 55.5	18	18	-	9	50					
Remarks		Not taking the exams seriously. assignments given on drawing					Not prepared well for the make-up test. Writing assignments by hand										
ME 6601 DTS	Mr. R. REKHA	IA Test	71	71	-	12	83	71	71	NIL	24	66	71	71	nil	22	68
		Make up Test	12	11	01	03	66.6	24	22	02	08	58.3					
Remarks							careless mistakes										
ME 6602 A-E	Mr. S. KAETHIKEYAN	IA Test	71	71	-	12	83	71	71	NIL	13	84.2	71	71	-	20	72
		Make up Test	12	11	01	02	75	13	12	01	06	53.8					
Remarks							Not drawing the diagrams neatly.										
Signature of QAC members with name		B. Balasubramanian (B. BALASUBRAMANIAN)					Sri V. (Saraswathi) Phd					I.R. SURESH BABU					
Signature of HOD		[R. SURESH BABU]					B. Balasubramanian (B. Balasubramanian)					A. Murthy (A. Murthy Vasan)					
Principal																	




Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2014 - 18

Year/Sem/Sec		Sem: ODD/ EVELs															
VI / VI / A		Test I					Test II					Test III					
Subject Code	Name of faculty	No of Students registered	No of students Attended	Nn of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	Nn of Absentees	No of Failures	Pass %	No of Students registered	No of students Attended	Nn of Absentees	No of Failures	Pass %	
																	Dept: MECHANICAL
ME6603 FEA	Dr. N. BASKAR	IA Test	71	71	-	24	66.1	71	71	0	18	69	71	71	-	48	32
		Make up Test	24	23	01	12	45.8	22	21	1	15	28					
		Remarks:	No seriousness in writing the exams.					Not writing the exams seriously					Students given tips to understand the concepts easily.				
ME6604 GDJP	Mr. A. MERCY VASAN	IA Test	71	67	04	16	77.4	71	71	NIL	8	88.7	71	69	02	27	60
		Make up Test	20	19	01	10	45	8	7	1	1	37.5					
		Remarks	Students not prepared well.					Lack in preparation					-				
ME6601 POM	Mr. SYED	IA Test	71	69	02	16	77.5	71	70	01	5	78.8	71	71	-	30	58
		Make up Test	18	17	01	09	55.5	15	15	NIL	10	33.3					
		Remarks	Not prepared well					Not prepared well.					part of questions were not answered well				
Signature of QAC members with name		R. SURESH BABU					B. BALAJI (B. BALAJI)					E. R. SURESH BABU (E. R. SURESH BABU)					
Signature of HOD		[Signature]					[Signature]					[Signature]					
Principal		[Signature]					[Signature]					[Signature]					

[Signature]

12 Course end survey

	SARANATHAN COLLEGE OF ENGINEERING			Program	MECH
	Tiruchirappalli - 620012			Academic Year	
				2017 – 2018 / EVEN	
Course End Survey – Consolidated Report					
Course Code & Title	:	ME6601	DESIGN OF TRANSMISSION SYSTEMS		
NBA Course Code	:	310	Faculty Name	Dr.R.Rekha&Mr.R.SureshBabu	
Year	:	III	Semester: VI	No. of Entry	: 124
COs	Course Outcome Questions			Attained Level	%
C310.1	Understand the basic concepts of transmission systems.			2.37	79.03
C310.2	Able to design flexible transmission components used in Engine and machines.			2.29	76.34
C310.3	Able to design spur gears and Helical gears used in Engine and machines.			2.52	84.14
C310.4	Able to design Bevel gears and worm gears used in Engine and machines.			2.36	78.49
C310.5	Understand the function of a gear box and its components and able to design gear boxes.			2.56	85.22
C310.6	Able to design cam, clutches and brakes for transmission system.			2.07	68.82





SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	MECH
Academic Year	
2017 - 2018 / EVEN	

Course End Survey – Entry Details

Course Code & Title	: ME6601	DESIGN OF TRANSMISSION SYSTEMS		
NBA Course Code	: 310	Faculty Name	Dr.R.Rekha&Mr.R.SureshBabu	
Year	: III	Semester: VI	No. of Entry	: 124

SL.NO	Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
1	186131	ME6601	3	3	3	3	3	1	7/10/2017	MECH	6	A	17-18EVEN
2	186036	ME6602	2	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
3	186015	ME6603	2	2	3	3	3	1	7/10/2017	MECH	6	A	17-18EVEN
4	186138	ME6604	2	2	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
5	186006	ME6605	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
6	186125	ME6606	2	1	1	1	2	2	7/10/2017	MECH	6	A	17-18EVEN
7	186018	ME6607	2	2	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
8	186013	ME6608	2	2	3	2	3	2	7/10/2017	MECH	6	A	17-18EVEN
9	186012	ME6609	2	2	2	2	3	2	7/10/2017	MECH	6	A	17-18EVEN
10	186061	ME6610	3	3	3	2	3	2	7/10/2017	MECH	6	A	17-18EVEN
11	186034	ME6611	2	2	3	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
12	186025	ME6612	3	2	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
13	186052	ME6613	2	3	2	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
14	186058	ME6614	1	1	3	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
15	186127	ME6615	2	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
16	186019	ME6616	3	3	3	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
17	186027	ME6617	1	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN

SLNO	Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
18	186026	ME6618	2	2	3	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
19	186023	ME6619	3	2	2	3	2	1	7/10/2017	MECH	6	A	17-18EVEN
20	186057	ME6620	3	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
21	186041	ME6621	3	3	3	1	3	3	7/10/2017	MECH	6	A	17-18EVEN
22	186042	ME6622	2	2	2	1	2	2	7/10/2017	MECH	6	A	17-18EVEN
23	186132	ME6623	2	2	2	2	2	1	7/10/2017	MECH	6	A	17-18EVEN
24	186136	ME6624	2	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
25	186055	ME6625	2	2	3	3	2	2	7/10/2017	MECH	6	A	17-18EVEN
26	186002	ME6626	3	3	3	2	3	3	7/10/2017	MECH	6	A	17-18EVEN
27	186008	ME6627	3	3	3	3	2	3	7/10/2017	MECH	6	A	17-18EVEN
28	186056	ME6628	3	3	3	3	3	1	7/10/2017	MECH	6	A	17-18EVEN
29	186021	ME6629	2	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
30	186044	ME6630	2	1	2	2	2	3	7/10/2017	MECH	6	A	17-18EVEN
31	186022	ME6631	1	1	2	1	1	1	7/10/2017	MECH	6	A	17-18EVEN
32	186005	ME6632	2	3	2	1	2	1	7/10/2017	MECH	6	A	17-18EVEN
33	186009	ME6633	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
34	186024	ME6634	3	2	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
35	186140	ME6635	2	2	3	3	3	1	7/10/2017	MECH	6	A	17-18EVEN
36	186010	ME6636	2	1	2	1	1	2	7/10/2017	MECH	6	A	17-18EVEN
37	186033	ME6637	2	2	2	2	3	2	7/10/2017	MECH	6	A	17-18EVEN
38	186051	ME6638	1	2	2	2	1	1	7/10/2017	MECH	6	A	17-18EVEN
39	186054	ME6639	2	3	1	2	3	3	7/10/2017	MECH	6	A	17-18EVEN
40	186030	ME6640	3	2	3	3	2	2	7/10/2017	MECH	6	A	17-18EVEN
41	186028	ME6641	3	2	3	2	3	2	7/10/2017	MECH	6	A	17-18EVEN
42	186037	ME6642	2	3	3	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
43	186038	ME6643	2	2	2	2	2	1	7/10/2017	MECH	6	A	17-18EVEN
44	186050	ME6644	2	2	3	2	3	1	7/10/2017	MECH	6	A	17-18EVEN

SL.NO	Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
45	186047	ME6645	2	2	1	2	2	3	7/10/2017	MECH	6	A	17-18EVEN
46	186011	ME6646	1	3	2	3	1	1	7/10/2017	MECH	6	A	17-18EVEN
47	186016	ME6647	2	3	3	2	3	2	7/10/2017	MECH	6	A	17-18EVEN
48	186017	ME6648	3	3	3	3	1	1	7/10/2017	MECH	6	A	17-18EVEN
49	186145	ME6649	2	3	2	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
50	186029	ME6650	2	2	2	1	2	3	7/10/2017	MECH	6	A	17-18EVEN
51	186039	ME6651	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
52	186040	ME6652	2	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
53	186046	ME6653	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
54	186045	ME6654	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
55	186031	ME6655	3	3	3	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
56	186048	ME6656	2	2	3	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
57	186014	ME6657	2	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
58	186126	ME6658	2	2	1	1	2	2	7/10/2017	MECH	6	A	17-18EVEN
59	186004	ME6659	2	2	2	1	2	2	7/10/2017	MECH	6	A	17-18EVEN
60	186043	ME6660	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
61	186053	ME6661	3	3	3	3	2	1	7/10/2017	MECH	6	A	17-18EVEN
62	186020	ME6662	2	2	2	1	2	1	7/10/2017	MECH	6	A	17-18EVEN
63	186003	ME6663	3	3	3	3	3	2	7/10/2017	MECH	6	A	17-18EVEN
64	186032	ME6664	2	2	2	2	2	2	7/10/2017	MECH	6	A	17-18EVEN
65	186035	ME6665	3	3	3	3	3	3	7/10/2017	MECH	6	A	17-18EVEN
66	186142	ME6666	2	3	3	3	2	2	7/10/2017	MECH	6	A	17-18EVEN
67	186067	ME6667	3	2	3	2	2	1	7/10/2017	MECH	6	B	17-18EVEN
68	186083	ME6668	3	2	3	3	2	2	7/10/2017	MECH	6	B	17-18EVEN
69	186075	ME6669	2	3	2	3	3	1	7/10/2017	MECH	6	B	17-18EVEN
70	186079	ME6670	1	1	2	1	3	2	7/10/2017	MECH	6	B	17-18EVEN
71	186072	ME6671	3	2	3	3	3	2	7/10/2017	MECH	6	B	17-18EVEN

SL.NO	Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
72	186093	ME6672	2	2	2	2	3	2	7/10/2017	MECH	6	B	17-18EVEN
73	186085	ME6673	3	2	2	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
74	186087	ME6674	3	3	2	2	3	2	7/10/2017	MECH	6	B	17-18EVEN
75	186092	ME6675	2	2	3	1	3	2	7/10/2017	MECH	6	B	17-18EVEN
76	186110	ME6676	3	2	2	2	2	2	7/10/2017	MECH	6	B	17-18EVEN
77	186113	ME6677	2	2	3	2	3	3	7/10/2017	MECH	6	B	17-18EVEN
78	186111	ME6678	2	2	3	3	2	1	7/10/2017	MECH	6	B	17-18EVEN
79	186084	ME6679	3	2	2	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
80	186117	ME6680	2	1	2	3	2	2	7/10/2017	MECH	6	B	17-18EVEN
81	186066	ME6681	2	2	2	2	2	1	7/10/2017	MECH	6	B	17-18EVEN
82	186074	ME6682	3	3	3	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
83	186065	ME6683	2	2	1	1	2	2	7/10/2017	MECH	6	B	17-18EVEN
84	186081	ME6684	2	2	2	3	3	1	7/10/2017	MECH	6	B	17-18EVEN
85	186100	ME6685	2	2	2	1	3	3	7/10/2017	MECH	6	B	17-18EVEN
86	186068	ME6686	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
87	186114	ME6687	3	2	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
88	186094	ME6688	2	2	1	1	2	1	7/10/2017	MECH	6	B	17-18EVEN
89	186118	ME6689	2	1	3	2	1	2	7/10/2017	MECH	6	B	17-18EVEN
90	186078	ME6690	2	2	3	2	3	2	7/10/2017	MECH	6	B	17-18EVEN
91	186097	ME6691	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
92	186082	ME6692	2	2	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
93	186120	ME6693	3	2	3	2	3	3	7/10/2017	MECH	6	B	17-18EVEN
94	186139	ME6694	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
95	186089	ME6695	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
96	186090	ME6696	3	3	3	2	3	3	7/10/2017	MECH	6	B	17-18EVEN
97	186146	ME6697	2	2	3	2	2	2	7/10/2017	MECH	6	B	17-18EVEN
98	186116	ME6698	3	3	2	2	3	2	7/10/2017	MECH	6	B	17-18EVEN

SL.NO	Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
99	186096	ME6699	3	2	2	2	3	2	7/10/2017	MECH	6	B	17-18EVEN
100	186070	ME6700	2	2	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
101	186086	ME6701	2	2	2	3	3	1	7/10/2017	MECH	6	B	17-18EVEN
102	186104	ME6702	2	2	2	2	2	2	7/10/2017	MECH	6	B	17-18EVEN
103	186106	ME6703	2	3	3	2	3	2	7/10/2017	MECH	6	B	17-18EVEN
104	186064	ME6704	3	2	2	2	3	1	7/10/2017	MECH	6	B	17-18EVEN
105	186102	ME6705	3	3	3	2	3	2	7/10/2017	MECH	6	B	17-18EVEN
106	186063	ME6706	2	1	2	2	2	1	7/10/2017	MECH	6	B	17-18EVEN
107	186099	ME6707	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
108	186108	ME6708	2	3	2	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
109	186103	ME6709	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
110	186128	ME6710	3	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
111	186115	ME6711	2	2	2	2	2	1	7/10/2017	MECH	6	B	17-18EVEN
112	186101	ME6712	3	3	3	3	3	1	7/10/2017	MECH	6	B	17-18EVEN
113	186077	ME6713	3	2	3	1	2	2	7/10/2017	MECH	6	B	17-18EVEN
114	186088	ME6714	2	2	2	2	2	1	7/10/2017	MECH	6	B	17-18EVEN
115	186123	ME6715	3	2	3	3	3	1	7/10/2017	MECH	6	B	17-18EVEN
116	186122	ME6716	2	3	2	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
117	186112	ME6717	2	2	3	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
118	186129	ME6718	2	2	3	2	3	1	7/10/2017	MECH	6	B	17-18EVEN
119	186091	ME6719	2	3	3	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
120	186119	ME6720	3	2	3	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
121	186107	ME6721	3	2	3	3	3	2	7/10/2017	MECH	6	B	17-18EVEN
122	186095	ME6722	2	3	3	3	3	3	7/10/2017	MECH	6	B	17-18EVEN
123	186121	ME6723	3	2	3	2	3	3	7/10/2017	MECH	6	B	17-18EVEN
124	186130	ME6724	2	1	2	1	1	1	7/10/2017	MECH	6	B	17-18EVEN

13 Students Feedback

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) Interactio n with Students by the faculty	(5) Valuable/ Extra Informati on given during the Lectures by the faculty	(6) Enthusias m for Subject ?	(7) Showing Concern and Care for Students?	(8) Punctualit y in Evaluation of Exam Papers/ Assignme nts ?	(9) Whether Syllabus for IA Tests/ University Examinati on Complete	(10) Ability to Speak Loudly and Clearly	Total Out of
				Weightage -->	15	15	8	12	12	12	4	6	8	8	100
1	kumarr-mech	CIVIL-A/2	53	GE6253/Engineering Mechanics	14.26	13.81	6.88	10.42	9.92	10.51	3.14	5.21	6.73	7.52	88.39
2	paramaguru-m	EEE-A/2	55	GE6251/Basic Civil And Mechanical Engineering	13.64	13.58	7.19	10.91	10.82	11	3.65	5.43	7.24	6.98	90.44
3	amar-mech	EEE-B/2	52	GE6251/Basic Civil And Mechanical Engineering	10.96	10.38	5.57	8.82	7.98	8.35	2.82	4.57	5.91	5.94	71.3
4	ranjith-mech	ICE-A/2	51	GE6251/Basic Civil And Mechanical Engineering	13.82	13.76	7.03	10.78	10.54	10.59	3.44	5.53	7.22	7.34	90.04
5	ranjith-mech	MECH-A/4	65	ME6401/Kinematics Of Machinery	7.71	7.75	3.79	5.8	5.76	6.09	1.77	3.43	4.14	4.41	50.65
6	jackson-mech	MECH-A/4	65	ME6402/Manufacturing Technology-Ii	12.05	12.14	6.67	10.67	9.67	9.27	3.46	4.98	6.42	6.6	81.93
7	kumarr-mech	MECH-A/4	65	ME6403/Engineering Materials And Metallurgy	12.88	12.74	6.03	9.38	9.64	9.3	3	4.69	6.33	6.99	80.98
8	mercyvasan-m	MECH-A/4	65	ME6404/Thermal Engineering	12	12.18	6.7	9.42	9.16	9.38	3.14	4.74	6.42	5.34	78.48
9	sriram-mech	MECH-A/6	50	ME6003/Renewable Source Of Energy	9	9	4.67	7.01	7.01	7.15	2.37	3.46	4.83	4.74	59.23
10	ganesan-mech	MECH-A/6	42	ME6004/Unconventional Machining Process	10.71	10.79	5.03	7.77	8.34	7.89	2.44	4.26	5.9	5.64	68.77
11	rekha-mech	MECH-A/6	70	ME6601/Design Of Transmission Systems	9.09	8.66	4.62	7.13	6.14	6.86	2.18	3.87	4.82	5.01	58.37
12	jackson-mech	MECH-A/6	70	ME6602/Automobile Engineering	12	11.7	6.42	10.15	9.15	9.67	3.43	4.83	6.4	6.61	80.36
13	jayaprakash-m	MECH-A/6	70	ME6603/Finite Element Analysis	9.81	10.24	5.01	7.68	8.5	7.95	2.39	3.81	4.85	5.67	65.91
14	rajesh-mech	MECH-A/6	70	MG6851/Principles Of Management	11.79	11.53	6.1	7.95	7.61	8.33	2.72	4.51	6.13	6.06	72.73
15	mahesh-mech	MECH-A/8	52	IE6605/Production Planning And Control	11.94	11.88	6.58	10.11	9.6	9.6	3.43	4.92	6.58	6.71	81.36
16	sathya-mech	MECH-A/8	51	ME6016/Advanced I.C. Engines	10.29	10.35	5.96	9.18	8.89	8.75	2.89	4.71	5.74	6.31	73.07
17	saravanan-mech	MECH-A/8	51	MG6863/Engineering Economics	13.71	13.59	6.93	10.35	10.87	10.49	3.51	5.29	7.25	7.22	89.22
18	vinothkumar-m	MECH-B/2	41	GE6253/Engineering Mechanics	9.66	9.59	5.31	7.26	6.91	7.38	2.54	4.42	5.5	4.84	63.39
19	ganesan-mech	MECH-B/4	69	ME6401/Kinematics Of Machinery	12.91	12.87	6.01	8.42	10.05	9.01	2.75	5.04	6.35	4.73	78.14
20	karthi-mech	MECH-B/4	69	ME6402/Manufacturing Technology-Ii	12.91	12.7	6.77	10.16	9.6	9.67	3.39	4.64	6.54	6.63	83.01
21	shivaranjani-m	MECH-B/4	69	ME6404/Thermal Engineering	10	10.09	5.03	8.24	7.44	7.97	2.84	4.23	5.22	5.47	66.53
22	sriram-mech	MECH-B/6	47	ME6003/Renewable Source Of Energy	9.64	9.26	5	7.35	7.86	7.25	2.49	3.8	5.28	5.24	63.17
23	ganesan-mech	MECH-B/6	48	ME6004/Unconventional Machining Process	10.44	10.12	4.93	7.35	8	7.8	2.35	3.83	5.23	5.13	65.19
24	sureshbabu-mech	MECH-B/6	57	ME6601/Design Of Transmisslon Systems	13.53	13.37	6.6	9.52	9.18	9.68	2.88	5.24	6.68	7.19	83.86
25	karthi-mech	MECH-B/6	57	ME6602/Automobile Engineering	12.42	12.32	6.68	9.81	9.39	9.68	3.34	4.86	6.74	6.43	81.67

REASON FOR LOW PASS PERCENTAGE:

* Staff members who have scored less than eighty points are requested to go through the report carefully + try to improve those attributes in which you have scored less points.

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF MANAGEMENT STUDIES
ACADEMIC PLANNER - I Year MBA - II SEMESTER - EVEN Semester - 2018

January	Day	DETAILS	DAY ORDER	February	Day	DETAILS	DAY ORDER	March	Day	DETAILS	DAY ORDER	April	Day	DETAILS	DAY ORDER	May	Day	DETAILS	DAY ORDER			
1	MON			1	THU		8	IV	1	THU	Lakshya 2k18 31	IV	1	SUN	HOLIDAY		1	TUE	MAY DAY			
2	TUE			2	FRI	MUDIVEDU MUNNERU ³⁴	V	2	FRI	I.A TEST - I 32	V	2	MON	I.A TEST - II 53	III	2	WED	MODEL EXAM				
3	WED			3	SAT		10	I	3	SAT	HOLIDAY		3	TUE	I.A TEST - II 54	IV	3	THU	MODEL EXAM			
4	THU			4	SUN	HOLIDAY		4	SUN	HOLIDAY		4	WED	I.A TEST - II 55	V	4	FRI	MODEL EXAM				
5	FRI			5	MON		11	II	5	MON	I.A TEST - I 33	I	5	THU	I.A TEST - II 56	I	5	SAT	MODEL EXAM			
6	SAT			6	TUE		12	III	6	TUE		34	II	6	FRI	I.A TEST - II 57	II	6	SUN	HOLIDAY		
7	SUN			7	WED		13	IV	7	WED		35	III	7	SAT	I.A TEST - II 58	III	7	MON	MODEL EXAM		
8	MON			8	THU		14	V	8	THU		36	IV	8	SUN	HOLIDAY		8	TUE			
9	TUE			9	FRI		15	I	9	FRI		37	V	9	MON	I.A TEST - II 59	IV	9	WED			
10	WED			10	SAT		16	II	10	SAT		38	I	10	TUE	I.A TEST - II 60	V	10	THU			
11	THU			11	SUN	HOLIDAY		11	SUN	HOLIDAY		11	WED		61	I	11	FRI				
12	FRI			12	MON		17	III	12	MON		39	II	12	THU		62	II	12	SAT		
13	SAT			13	TUE		18	IV	13	TUE		40	III	13	FRI	GUEST LECTURE ⁶³	III	13	SUN	HOLIDAY		
14	SUN			14	WED	GUEST LECTURE ¹⁹	*	14	WED		41	IV	14	SAT	TAMIL NEW YEAR		14	MON				
15	MON			15	THU		20	*	15	THU		42	*	15	SUN	HOLIDAY		15	TUE			
16	TUE			16	FRI		21	*	16	FRI		43	*	16	MON		64	*	16	WED		
17	WED			17	SAT	HOLIDAY		17	SAT		44	*	17	TUE		65	*	17	THU	UNIVERSITY EXAM		
18	THU			18	SUN	HOLIDAY		18	SUN	HOLIDAY		18	WED		66	*	18	FRI				
19	FRI			19	MON		22	V	19	MON		45	V	19	THU		67	IV	19	SAT		
20	SAT			20	TUE		23	I	20	TUE		46	I	20	FRI		68	V	20	SUN	HOLIDAY	
21	SUN			21	WED		24	II	21	WED		47	II	21	SAT		69	I	21	MON		
22	MON	I MBA RE-OPENS	1	II	22	THU	I.A TEST - I 25	III	22	THU	Bidecennial ⁴⁸ Celebration	III	22	SUN	HOLIDAY		22	TUE				
23	TUE		2	III	23	FRI	I.A TEST - I / GUEST LECTURE ²⁶	IV	23	FRI	SPORTS DAY 49	IV	23	MON		70	II	23	WED			
24	WED		3	IV	24	SAT	I.A TEST - I 27	V	24	SAT	COLLEGE DAY		24	TUE		71	III	24	THU			
25	THU		4	V	25	SUN	HOLIDAY		25	SUN	HOLIDAY		25	WED		72	IV	25	FRI			
26	FRI	REPUBLIC DAY			26	MON	I.A TEST - I 28	I	26	MON		50	V	26	THU	MODEL EXAM 73	V	26	SAT			
27	SAT	HOLIDAY			27	TUE	I.A TEST - I 29	II	27	TUE		51	I	27	FRI	FOUNDERS MEMORIAL DAY ²⁴	I	27	SUN	HOLIDAY		
28	SUN	HOLIDAY			28	WED	I.A TEST - I 30	III	28	WED		52	II	28	SAT	MODEL EXAM 75	II	28	MON			
29	MON		5	I					29	THU	MAHAVIR JAYANTHI		29	SUN	HOLIDAY		29	TUE				
30	TUE		6	II					30	FRI	GOOD FRIDAY		30	MON	MODEL EXAM 76	III	30	WED				
31	WED		7	III					31	SAT	HOLIDAY						31	THU				

Total Working Days : 76

[Signature]
HOD/MBA

[Signature]
PRINCIPAL

			PRINCIPLES OF MANAGEMENT (5)	
			LABOUR LEGISLATIONS (4)	
			SERVICES OPERATIONS MANAGEMENT (3)	
			ECONOMIC ANALYSIS FOR BUSINESS (5)	
			TOTAL	86
7	Mr.R.MURALI	Assistant Professor		12

Head of the Department


Principal

NOTE:-

TOTAL DEPARTMENT SUBJECTS TO BE SUPPORTED TO OTHER DEPT BY OUR FACULTY	22
SUPPORT REQUIRED FROM OTHER DEPT	2
TOTAL FACULTY MEMBERS	3
SUBJECT ALLOCATION (7*3=21 SUBJECTS)	7 MEMBERS
SUMMER INTERNSHIP GUIDANCE	3 THEORY PAPERS PER FACULTY ALL FACULTY



SARANATHAN COLLEGE OF ENGINEERING -

Venkateswara Nagar, Panjapur, Trichy 620012

DEPARTMENT OF MANAGEMENT STUDIES

INDIVIDUAL WORKLOAD-ODD SEMESTER-2019

S.NO	NAME OF THE FACULTY	Designation	Subject		Laboratory /Workshop/Training	Total No. of Hours per cycle
			Theory			
1	Dr.K.KARTHIKEYAN	Prof & Head	INDUSTRIAL RELATIONS AND LABOUR WELFARE (3)			10
			ORGANIZATIONAL BEHAVIOUR (4)			
			INTEGRATED MARKETING COMMUNICATION (3)			
			SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT (4)			
2	PROF.B.S.CHANDRAMOULI	Professor	BANKING FINANCIAL SERVICES MANAGEMENT (3)			12
			PRINCIPLES OF MANAGEMENT (5)			
			CORPORATE FINANCE (4)			
			ENTREPRENEURSHIP DEVELOPMENT (3)			
3	Dr.V.MAHALAKSHMI	Assistant Professor	ACCOUNTING FOR MANAGEMENT (6)		NIL	13
			INTERNATIONAL BUSINESS MANAGEMENT (5)			
			LOGISTICS MANAGEMENT(3)			
			PRINCIPLES OF MANAGEMENT(5)			
4	Mr.K.ARUNPRASAD	Assistant Professor	STRATEGIC MANAGEMENT (5)			13
			RETAIL MARKETING (3)			
			LEGAL ASPECTS OF BUSINESS (5)			
			SERVICES MARKETING (3)			
5	Mr.S.SYED MUTHALIFF	Assistant Professor	TOTAL QUALITY MANAGEMENT (5)			13
6	Dr. J.RAJESH	Assistant Professor				13



Saranathan College of Engineering



DEPARTMENT OF MECHANICAL ENGINEERING

THEORY COURSE FILE

CONTENT

S.No	DETAILS
1	Course Committee minutes of meeting and circular
2	Previous AU question papers
3	Identification of curricular gaps and content beyond syllabus
4	Unit wise course material
5	Assignments (sample papers)
6	IAT (sample papers)
7	Makeup test (sample papers)
8	List of Toppers and Slower learners
9	Course outcome student survey
10	All IAT question papers
11	CO - PO - PSO attainment sheet
12	Points for continuous improvements
13	Students name list
14	Logbook (Not to be kept in file, But fully completed)

HOD
Dr. Jayaprakash



SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPALLI - 620012
DEPARTMENT OF MECHANICAL ENGINEERING



DATE: 28.02.2018

COURSE COMMITTEE MEETING

SUBJECT NAME: PRINCIPLES OF MANAGEMENT

SEM: 06

ACADEMIC YEAR: 2017-2018 (EVEN)

REGULATION: 2013

PROGRAM: Mechanical Engineering

TIME: 10.00 AM

Venue: HOD Cabin

MEMBERS PRESENT

Table.1 Course committee members

Sl.	Faculty Name and Designation	Member	Semester/Section	Signature
1	Dr. G.Jayaprakash (Professor)	HOD	-	
2	Mr. S.Syed Muthaliff (Asst. Prof.)	Course Coordinator	6 Sem./A	
3	Mr. P.V.Rajesh (Asst. Prof.)	Member	6 Sem./B	P.V. Rajesh

HOD welcomed all the members present

- Content of syllabus, unit wise discussed. Nature of qualitative, quantitative, problematic, theoretical concepts etc. have been discussed
- With reference to the R-2013 regulation, Number of periods per unit = 09, total number of periods = 45 periods.
- Vision and mission of the college, department discussed. POs, PEOs, PSOs discussed.
- Course outcomes defined for each unit, considering learning outcomes.

Table.2 Course Outcomes

CO	Course Outcomes
C311.1	Demonstrate critical thinking when presented with managerial problems and express their views and opinions on managerial issues in an articulate way.
C311.2	Understand the major internal features of a business system and the environment in which it operates.
C311.3	Identify and explain the importance of the management process and identify some of the key skills required for the contemporary management practice.
C311.4	Understand the importance of delegation.
C311.5	To implement planning, Organizing, directing and controlling activities in project/career.
C311.6	Understand the role budget and finance in a project.

- 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, C, PSOs with POs- before CBS.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C311.1	2					2	1	2	2	3	3	2	1	1	1
C311.2	2					2	1	2	2	3	3	2	1	1	1
C311.3	2					2	1	2	2	3	3	2	1	1	1
C311.4	2					2	1	2	2	3	3	2	1	1	1
C311.5	2					2	1	2	2	3	3	2	1	1	1
C311.6	2					2	1	2	2	3	3	2	1	1	1
C311	2.00					2.00	1.00	2.00	2.00	3.00	3.00	2.00	1.00	1.00	1.00

- 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.

24. Long absentees of students if any to be informed to the parents through class coordinator, if such students attendance less than 75%.

Course Coordinator

Stream Head

HOD, MECH
D. C. Jayaraman



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

Lecture Schedule

Degree/Program: **B.E / ECE** Course code &Name: **MG6851 – Principles of Management**
 Duration: **December 2018 - March 2018** Semester: **VI** Section : **A**
 Faculty: **Dr. V. MAHALAKSHMI**

AIM

To introduce the students to the various abnormal operating conditions in power system and describe the apparatus and system protection schemes. Also to describe the phenomena of current interruption to study the various switchgears.

OBJECTIVES

- To enable the students to study the evolution of Management, to study the functions and principles of management and to learn the application of the principles in an organization.
- To familiarize the students with the Concepts and Principles of Management and to train them in Practical and Managerial skills.
- To study the functions and principles of management.
- To study the system and process of effective controlling in the organization

PRE-REQUISITE; Creative Thinking and Decision Making Ability.

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

Course	Course Outcome	POs	PSOs
C402.1	Classify managers and non-managerial employees and to describe the functions, roles, and skills of managers and how the manager's job is changing and the characteristics of an organization	2,2,1,2,2,3,3,2	1,1,1
C402.2	Define the nature and purpose of planning and classify the types of goals organizations might have and the plans they use, Strategies of organizations and the issues in strategic management and effective decision making Techniques	2,2,1,2,2,3,3,2	1,1,1
C402.3	Describe the key elements in organizational design and discuss contemporary issues in managing human resources and the organizational change	2,2,1,2,2,3,3,2	1,1,1
C402.4	Identify the focus, goals and to discuss the contemporary issues and barriers in organizational behavior, management, interpersonal communication	2,2,1,2,2,3,3,2	1,1,1
C402.5	Explain the nature, importance, role, purpose and contemporary issues in control and managing operations	2,2,1,2,2,3,3,2	1,1,1
C402.6	Case Study.	2,2,1,2,2,3,3,2	1,1,1

S.No	Date Planned	Period Number	Topics to be Covered	Book No [Page No]	Date Actual
UNIT I: INTRODUCTION TO MANAGEMENT AND ORGANIZATIONS					
Target Periods : 9					
1	19.12.18	1	Definition of Management – Science or Art	1 (1-2)	19.12.18
2	20.12.18		Manager Vs Entrepreneur	1 (10,11)	20.12.18
3	21.12.18		Types of managers	6 (6)	21.12.18

4	22.12.18		Managerial roles and skills	6 (7)	22.12.18
5	27.12.18		Evolution of Management	6 (16-25)	27.12.18 29.02.18
6	28.12.18		Scientific, human relations , system and contingency approaches	6 (25-30)	04.01.19 05.01.19 07.01.19
7	29.12.18		Types of Business organization- Sole proprietorship, partnership, company-public and private sector enterprises	1 (76-78)	08.01.19 10.01.19
8	02.01.19		Organization culture and Environment	1 (47-56, 195- 199,270) 6 (356- 396)	11.01.19 12.01.19
9	04.01.19		Current trends and issues in Management	1 (65,67)	18.01.19
UNIT II: PLANNING					
Target Periods : 9					
10	05.01.19		Nature and Purpose of planning	6 (51-52)	28.01.19
11	07.01.19		Planning process	6 (53-66)	29.01.19
12	08.01.19		Types of planning	6 (53-66)	31.01.19
13	10.01.19		Objectives - setting objectives	6 (55)	01.02.19
14	11.01.19		Policies	6 (60,65)	01.02.19
15	12.01.19		Planning premises	6 (60,65)	02.02.19
16	18.01.19		Strategic Management	6 (58)	05.01.19
17	24.01.19		Planning Tools and Techniques	6 (68, 69)	06.01.19
18	25.01.19		Decision making steps and process	6 (72-87)	07.01.19
<i>Assignment 1</i> <i>Date of Announcement : 08.01.19</i> <i>Date of Submission : 18.01.19</i>					
<i>IA Test-I</i>					
UNIT III: ORGANISING					
Target Periods : 9					
19	28.01.19		Nature and purpose – Formal and informal organization.	6 (101)	08.02.19
20	29.01.19		Organization chart.	6 (115- 117)	09.02.19
21	31.01.19		Organization structure– types.	6 (115- 117)	12.02.19
22	01.02.19		Line and staff authority.	6 (118)	15.02.19
23	22.02.19		Departmentalization.	6 (118)	18.02.19
24	24.02.19		Delegation of authority – centralization and decentralization.	6 (140)	20.02.19
25	06.02.19		Job Design -	6 (179- 183, 195- 210)	22.02.19
26	07.02.19		Human Resource Management – HR Planning, Recruitment, selection, Training and Development	6 (179- 183, 195- 210)	25.02.19
27	08.02.19		Performance Management, Career planning and management	6 (229- 233)	25.02.19
UNIT IV: DIRECTING					
Target Periods : 9					
28	09.02.19		Foundations of individual and group behavior	6 (172)	26.02.19
29	12.02.19		Motivation	6 (255- 258)	28.02.19
30	18.02.19		Motivation theories	6 (255- 258)	01.03.19

31	19.02.19		Motivational techniques	6 (255-258)	02.03.19
32	20.02.19		Job satisfaction	6 (273)	04.03.19
33	22.02.19		Job enrichment	6 (273)	11.03.19
34	23.10.19		Leadership – types and theories of leadership	6 (279)	11.04.19
35	25.02.19		Communication – process of communication – barrier in communication	6 (285-290)	12.03.19
36	26.02.19		Effective communication – communication and IT	6 (292, 297)	12.03.19
Assignment - 2			Date of Announcement : 20.02.19	Date of Submission : 26.02.19	
IA Test-II					
UNIT V: CIRCUIT BREAKERS					
Target Periods : 9					
37	28.02.19		System and process of controlling –	6 (324, 337)	13.03.19
38	01.03.19		Budgetary and non-budgetary control techniques	6 (64, 337-339)	13.03.19
39	02.03.19		Use of computers and IT in Management control	6 (64, 337-339)	14.03.19
40	04.03.19		Productivity Problems and Management	6 (5, 344, 346)	14.03.19
41	06.03.19		Control and Performance	6 (346)	15.03.19
42	07.03.19		Direct and Preventive control	6 (384)	15.03.19
43	11.03.19		Reporting	6 (343)	16.03.19
44	12.03.19		Types of Reporting	6 (344)	18.03.19
45	13.03.19		Reporting importance to Management	6 (345)	19.03.19
46	15.03.19		Content Beyond syllabus –		
Assignment - 3			Date of Announcement : 06.03.19	Date Of Submission : 15.03.19	
IA Test-III					

Books: Text/Reference

S. No	Title of the Book	Author	Publisher	Year
1	Management	Stephen P. Robbins & Mary Coulter	Prentice Hall (India) Pvt. Ltd	2009
2	Management	JAF Stoner, Freeman R.E and Daniel R Gilbert	6th Edition, Pearson Education	2004
3	Fundamentals of Management	Stephen A. Robbins & David A. Decenzo & Mary Coulter	Pearson Education	2011
4	Management	Robert Kreitner & Mamata Mohapatra	Biztantra	2008
5	Essentials of Management	Harold Koontz & Heinz Weihrich	Tata McGraw Hill	1998
6	Tripathy PC & Reddy PN	Principles of Management	Tata McGraw Hill	1999

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C410.1	2				-	2	1	2	2	3	3	2	2	1
C410.2	2				-	2	1	2	2	3	3	2	2	1
C410.3	2				-	2	1	2	2	3	3	2	2	1
C410.4	2				-	2	1	2	2	3	3	2	2	1
C410.5	2				-	2	1	2	2	3	3	2	2	1
C410.6	2				-	2	1	2	2	3	3	2	2	1
C410	2				-	2	1	2	2	3	3	2	2	1


Content Beyond Syllabus Added(CBS)	POs strengthened / vacant filled	CO / Unit
CASE STUDY	PO5 (1) vacant filled	C410.2 / 2

WEB REFERENCE:

www.nptel.iitm.ac.in



Faculty Incharge



HoD/MBA



SARANATHAN COLLEGE OF ENGINEERING
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Assignment – 01			Date of Issue:	04.09.2018	Marks	10
Course code	GE6075	Course Title	Professional Ethics in Engineering			
Year	IV	Semester/Section	VIII / A & B	Date of Submission:	18.09.2018	

Q.No	Questions	CO	PO	PSO
1	List out some CSR initiatives undertaken by companies. Do you agree with the statement that social responsibility of business is becoming a norm?	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



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Case Study – 01			Date of Issue:	04.09.2018	Marks	10
Course code	GE6075	Course Title	Professional Ethics in Engineering			
Year	IV	Semester/Section	VIII / A & B	Date of Submission:	18.09.2018	

Q.No	Questions	CO	PO	PSO
1	<p>Brad is a production engineer at a bicycle company. Part of his job includes inspecting broken bikes and drafting the design plans for their repair.</p> <p>One day, Brad receives instructions from his supervisor to repair a bike whose brake cables had snapped. When Brad inspects the bike, he notices the cables had snapped because they were made from a low-quality material. He suspects that this bike had been custom designed, and that the customer simply did not know what materials would be best suited for the brake cables. Therefore, when Brad drafts his design plans for the repair of the bike, he incorporates a more durable material for the cables.</p> <p>When Brad goes to repair the bike, he finds out the customer had specifically requested that the bike be repaired, but no aesthetic changes should be made to the bike. Brad's design for the bike will change the look of the bike, but it will also make the bike more durable. When Brad goes to his manager and asks him what to do, his manager tells him that "the customer is always right" and he should repair the bike as the customer requested.</p> <p>Brad knows he could repair the bike according to the customer's wishes, but if he does, the bike will break down again in a few months, perhaps dangerously. However, if he implements his design improvements, he risks going against his manager and the wishes of the customer.</p> <p>What should Brad prioritize? The customer's safety or the customer's desires?</p>	C402.1	1,2,3	1,2

[Signature]
 Name and Signature of the Faculty In charge

[Signature]
 HoD/MBA



SARANATHAN COLLEGE OF ENGINEERING
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 Chennai-25)

DEPARTMENT OF MANAGEMENT STUDIES

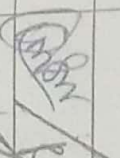
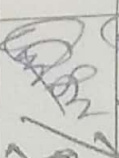
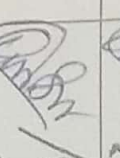
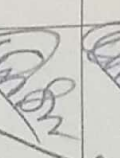
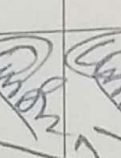
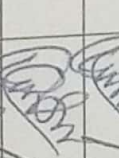
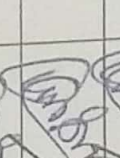
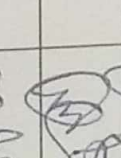
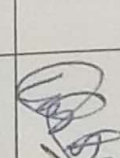
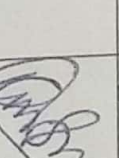
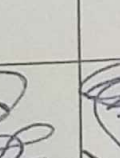
BA 5211 DATA ANALYSIS AND BUSINESS MODELING

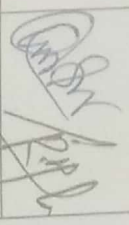
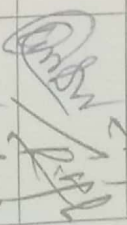
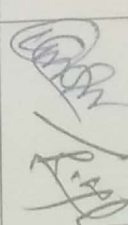
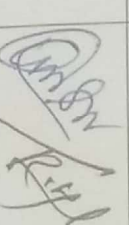
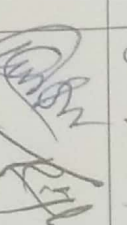
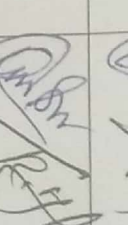
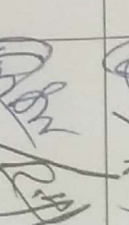
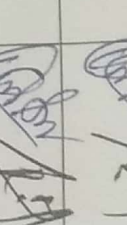
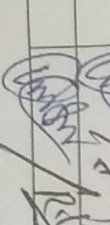
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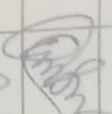
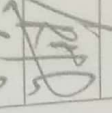
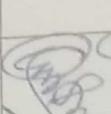
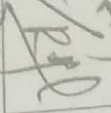
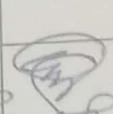
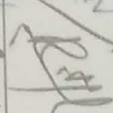
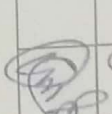
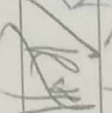
SEMESTER II

ACADEMIC YEAR: 2018-19

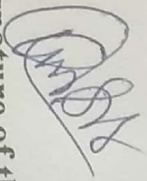
S NO	EXERCISE NAME	PROPOSED DATE OF EXECUTING THE EXERCISE	ACTUAL DATE OF COMPLETION	PROGRAMME/APPLICATION	SIGNATURE
1.	CGPA CALCULATOR USING SPREADSHEET	18-01-2019	18-01-2019	EXCEL	<i>[Signature]</i>
2.	PAYROLL PREPARATION USING EXCEL SPREADSHEET	18-01-2019	18-01-2019	EXCEL	<i>[Signature]</i>
3.	STUDENTS MARKSHEET PREPARATION USING EXCEL SPREADSHEET	19-01-2019	19-01-2019	EXCEL	<i>[Signature]</i>
4.	FINDING BETA , RETURN , RISK USING EXCEL	19-01-2019	19-01-2019	EXCEL	<i>[Signature]</i>

	SPREADSHEET					
5.	RATIO ANALYSIS USING MS EXCEL	22-01-2019	22-01-2019	EXCEL		
6.	SOLVING TRANSPORTATION PROBLEMS USING EXCEL SPREADSHEET	22-01-2019	25-01-2019	EXCEL		
7.	FINDING MEAN , MEDIAN MODE USING EXCEL SPREADSHEET	25-01-2019	25-01-2019	EXCEL		
8.	FINDING CORRELATION COEFFICIENT USING EXCEL SPREADSHEET	25-01-2019	29-01-2019	EXCEL		
9.	ASSIGNING RANK FUNCTION USING EXCEL SPREADSHEET	29-01-2019	29-01-2019	EXCEL		
10.	COMPUTING IRR USING EXCEL SPREADSHEET	29-01-2019	29-01-2019	EXCEL		
11.	COMPUTING EMI FOR LOAN USING EXCEL SPREADSHEET	30-01-2019	30-01-2019	EXCEL		
12.	FINDING T TEST USING EXCEL SPREADSHEET	30-01-2019	30-01-2019	EXCEL		
13.	PIE CHART , COLUMN CHART PREPARATION USING EXCEL SPREADSHEET	1/2/2019	1/2/2019	EXCEL		
14.	FINDING DESCRIPTIVE STATISTICS USING SPSS 14.0	4/2/2019	1/2/2019	SPSS		
15.	TESTING THE DIFFERENCE BETWEEN THREE INDEPENDENT SAMPLES USING MANN- WHITNEY U-TEST	5/2/2019	4/2/2019	SPSS		

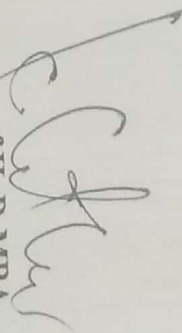
16.	TESTING THE RELATIONSHIP BETWEEN THE VARIABLES USING CROSSTABS IN SPSS 14.0	7/2/2019	5/2/2019	SPSS	
17.	TESTING THE GOODNESS OF FIT USING CHI-SQUARE (NON PARAMETRIC TEST)	9/2/2019	7/2/2019	SPSS	
18.	TESTING THE LINEAR ASSOCIATION BETWEEN VARIABLES USING PEARSON CORRELATION IN SPSS 14.0	14-02-2019	9/2/2019	SPSS	
19.	TEST THE NORMALITY OF THE GIVEN DATA SET USING KOLMOGOROV ONE SAMPLE TEST	18-02-2019	14-02-2019	SPSS	
20.	FINDING LINEAR RELATIONSHIP BETWEEN THE VARIABLES IN REGRESSION USING SPSS 14.0	20-02-2019	18-02-2019	SPSS	
21.	LINEAR PROGRAMMING USING TORA-OPERATIONS RESEARCH SOFTWARE.	21-02-2019	20-02-2019	TORA	
22.	FIND THE TRANSPORTATION COST USING TORA	23-02-2019	21-02-2019	TORA	
23.	PERFORMING T-TEST USING SPSS 14.0	26-02-2019	23-02-2019	SPSS	
24.	PERFORMING MANOVA	27-02-2019	26-02-2019	SPSS	

	USING SPSS 14.0(MULTIVARIATE ANALYSIS OF VARIANCE)						
25.	LINEAR PROGRAMMING USING TORA	1/3/2019	27-02-2019	TORA			
26.	SOLVING ASSIGNMENT PROBLEM USINGMS -EXCEL- 2007	1/3/2019	1/3/2019	EXCEL			
27.	PROJECT PLANNING -PERT USING TORA	14-03-2019	14-03-2019	TORA			
28.	PROJECT PLANNING- CPM USING TORA	14-03-2019	14-03-2019	TORA			

Signature of the Faculty Member



Signature of HoD-MBA





Date: 18 - 10 - 17

Ref : SCE/Syllabus/ Theory/2017-18-Odd sem/

STATEMENT FOR SYLLABUS COMPLETION

I have handled the subject Strategic Management code BA 7302 for II MBA year, III semester, department of MBA B.E/B.Tech/MBA during the academic year 2017 - 18, odd 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 5 periods and discussed the Anna University Examination question papers of the last 3 years.

Signature : [Signature]
Name : Mr. K. Arun Prasad
Designation : Assistant Professor
Department : MBA
Date : 18-10-2017

Signature of HoD : [Signature]
Principal : [Signature]

Saranathan College of Engineering
QAC - Audit Report
Academic Year : 2018-19

Year/ Sem/Sec	Name of faculty	Subject Code	Sem: ODD / EVEN														
			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 %
ECC6601	Dr. M. Santhi		55	53	2	25	52.8	55	53	2	32	39.6	55	52	3	8	84.6
			29	26	1	6	16.9	34	32	2	12	62.5	11	9	2	9	0
			IA Test Make up Test Remarks: Students didn't prepare well. They concentrated only on expected questions.														
ECC6602	Dr. S. A. Arumugam		55	53	2	11	79.2	55	50	5	18	64	55	52	3	13	75
			13	10	3	5	50	23	22	1	14	36.3	16	12	4	10	16.6
			IA Test Make up Test Remarks:														
G66851	Dr. V. Mahalakshmi		55	52	3	12	76.9	55	53	2	8	84.9	55	54	1	0	100%
			15	14	1	5	64.2	10	08	2	0	100	-	-	-	-	-
			IA Test Make up Test Remarks:														
Signature of QAC members with name			1. Dr. S. Venkatasubramanian 2. Dr. S. Balakrishnan 3. Dr. P. Shanmugasundaram					1. Dr. P. Shanmugasundaram 2. Dr. R. Govi (M. S. Raja) Babu 3. Dr. H. P. Reddy (M. P. Ramalingam) R. D.					1. Dr. S. Venkatasubramanian 2. Dr. P. Shanmugasundaram 3. Dr. R. Govi				
Signature of HOD			H. S. Reddy														
Principal			H. S. Reddy														



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	EEE
Academic Year	
2018 – 2019 / EVEN	

Course End Survey – Entry Details

Course Code & Title	: GE6075	Professional Ethics in Engineering	
NBA Course Code	: C411E51	Faculty Name	Mr. K. Arun Prasad & Mr. S. Syed Muthaliff
Year	: IV	Semester: VIII	No. of Entry : 120

Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
183001	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
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183120	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
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183131	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
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Attained Level		2.54	2.55	2.55	2.57	2.58	2.49					
%		84.7	85	85	86	86	83					
		2	0	6	1	3	4					



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	EEE
Academic Year	
2018 – 2019 / EVEN	

Course End Survey – Consolidated Report

Course Code & Title	: GE6075	Professional Ethics in Engineering			
NBA Course Code	: C411E51	Faculty Name	Mr. K. Arun Prasad & Mr. S. Syed Muthaliff		
Year	: IV	Semester: VIII	No. of Entry	: 120	
COs	Course Outcome Questions			Attained Level	%
C305.1	Will you be able to understand the human values and ethics in the human excellence and behaviour in the organization?			2.54	84.72
C305.2	Will you be able to understand the characteristics of morals and engineer's conduct of behaviour and practice in the workplace?			2.55	85.00
C305.3	Will you be able to understand the various ethical implications of Engineering as an experimental process?			2.55	85.00
C305.4	Will you be able to understand the responsibility of engineers to ensure the safety, health and welfare of the public?			2.57	86.00
C305.5	Will you be able to assess the importance of ethics in dealing with global issues, computer ethics and weapons development?			2.58	86.00
C305.6	Will you be able to assess the moral guidelines of practising human, employee, professional rights in organizations?			2.49	83.00



SARANATHAN COLLEGE OF ENGINEERING

Tiruchirappalli - 620012

Program	EEE
Academic Year	
2018 – 2019 / EVEN	

Course End Survey – Entry Details

Course Code & Title	: GE6075	Professional Ethics in Engineering	
NBA Course Code	: C411E51	Faculty Name	Mr. K. Arun Prasad & Mr. S. Syed Muthaliff
Year	: IV	Semester: VIII	No. of Entry : 120

Batch no	Sub. Code	CO1	CO2	CO3	CO4	CO5	CO6	Date	Branch	Sem	Sec	Sem Period
183001	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183002	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183003	GE6075	2	2	3	2	3	3	07/10/2018	EEE	8	A	18-19EVEN
183004	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183005	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183006	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183008	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183009	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183010	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183011	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183012	GE6075	1	1	1	1	1	1	07/10/2018	EEE	8	A	18-19EVEN
183013	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183014	GE6075	1	2	1	2	1	3	07/10/2018	EEE	8	A	18-19EVEN
183015	GE6075	1	1	2	2	2	1	07/10/2018	EEE	8	A	18-19EVEN
183016	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183017	GE6075	2	2	2	2	2	3	07/10/2018	EEE	8	A	18-19EVEN
183018	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183019	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183020	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183022	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183023	GE6075	3	3	3	2	3	2	07/10/2018	EEE	8	A	18-19EVEN
183024	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183025	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183026	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183027	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183028	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183029	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183030	GE6075	2	2	1	2	2	1	07/10/2018	EEE	8	A	18-19EVEN
183031	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183032	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183033	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183034	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183036	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183037	GE6075	2	1	1	2	2	2	07/10/2018	EEE	8	A	18-19EVEN

183038	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183039	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183040	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183041	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183042	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183043	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183044	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183045	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183046	GE6075	2	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183047	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183048	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183049	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183052	GE6075	2	2	3	2	3	3	07/10/2018	EEE	8	A	18-19EVEN
183053	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183056	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183057	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183058	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183059	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183060	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183122	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	A	18-19EVEN
183123	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183126	GE6075	3	2	2	2	3	3	07/10/2018	EEE	8	A	18-19EVEN
183127	GE6075	3	3	2	3	2	2	07/10/2018	EEE	8	A	18-19EVEN
183128	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183129	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183135	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	A	18-19EVEN
183061	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183062	GE6075	2	2	3	2	3	3	07/10/2018	EEE	8	B	18-19EVEN
183063	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183064	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183065	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183066	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183067	GE6075	3	3	3	3	3	2	07/10/2018	EEE	8	B	18-19EVEN
183068	GE6075	3	3	3	3	3	1	07/10/2018	EEE	8	B	18-19EVEN
183069	GE6075	2	2	3	3	2	2	07/10/2018	EEE	8	B	18-19EVEN
183070	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183071	GE6075	3	3	3	3	2	2	07/10/2018	EEE	8	B	18-19EVEN
183072	GE6075	3	3	3	2	3	2	07/10/2018	EEE	8	B	18-19EVEN
183073	GE6075	3	3	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183074	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183075	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183076	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183077	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183078	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183079	GE6075	3	3	3	2	3	1	07/10/2018	EEE	8	B	18-19EVEN
183080	GE6075	1	1	2	2	1	1	07/10/2018	EEE	8	B	18-19EVEN

183081	GE6075	1	1	1	1	1	1	07/10/2018	EEE	8	B	18-19EVEN
183082	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183083	GE6075	3	3	2	3	2	2	07/10/2018	EEE	8	B	18-19EVEN
183085	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183086	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183087	GE6075	2	3	2	2	3	2	07/10/2018	EEE	8	B	18-19EVEN
183088	GE6075	2	2	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183089	GE6075	2	1	2	1	2	3	07/10/2018	EEE	8	B	18-19EVEN
183090	GE6075	3	3	2	3	2	2	07/10/2018	EEE	8	B	18-19EVEN
183092	GE6075	1	1	1	2	2	1	07/10/2018	EEE	8	B	18-19EVEN
183093	GE6075	3	2	3	3	2	3	07/10/2018	EEE	8	B	18-19EVEN
183094	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183095	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183096	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183098	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183099	GE6075	3	3	2	2	2	1	07/10/2018	EEE	8	B	18-19EVEN
183100	GE6075	2	3	3	2	3	3	07/10/2018	EEE	8	B	18-19EVEN
183101	GE6075	3	2	1	3	2	2	07/10/2018	EEE	8	B	18-19EVEN
183102	GE6075	2	2	1	2	2	1	07/10/2018	EEE	8	B	18-19EVEN
183103	GE6075	3	3	3	2	3	2	07/10/2018	EEE	8	B	18-19EVEN
183104	GE6075	1	1	2	3	2	3	07/10/2018	EEE	8	B	18-19EVEN
183105	GE6075	2	2	3	3	2	1	07/10/2018	EEE	8	B	18-19EVEN
183106	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183107	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183108	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183109	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183111	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183113	GE6075	2	2	1	2	2	1	07/10/2018	EEE	8	B	18-19EVEN
183114	GE6075	3	3	3	3	3	2	07/10/2018	EEE	8	B	18-19EVEN
183115	GE6075	1	2	2	1	2	2	07/10/2018	EEE	8	B	18-19EVEN
183116	GE6075	2	3	2	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183117	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183119	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183120	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183121	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183124	GE6075	2	2	3	2	3	3	07/10/2018	EEE	8	B	18-19EVEN
183125	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183130	GE6075	2	2	2	2	2	2	07/10/2018	EEE	8	B	18-19EVEN
183131	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
183133	GE6075	3	3	3	3	3	3	07/10/2018	EEE	8	B	18-19EVEN
Attained Level		2.54	2.55	2.55	2.57	2.58	2.49					
%		84.7	85	85	86	86	83					
		2	0	6	1	3	4					

SARANATHAN COLLEGE OF ENGINEERING

Faculty FeedBack Report of MBA Department during AUG-2017

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
				Weightage -->	15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
1	rajesh-mba	EEE-A/7	52	MG6851/Principles Of Management	11.71	11.60	5.85	7.98	8.54	8.95	2.60	4.57	5.94	6.40	74.1
2	syed-mba	EEE-B/7	62	MG6851/Principles Of Management	12.24	12.68	6.17	8.94	9.02	9.79	2.79	4.68	6.45	7.15	79.9
3	murali-mba	MBA-A/1	50	BA5101/Economic Analysis For Business	13.56	13.32	7.04	10.80	11.09	10.66	3.57	5.23	7.17	7.26	89.7
4	chandramouli-mba	MBA-A/1	50	BA5102/Principles Of Management	13.32	13.44	6.94	10.22	10.66	10.32	3.46	5.09	6.85	6.88	87.1
5	mahalakshmi-mba	MBA-A/1	50	BA5103/Accounting For Management	12.00	12.06	6.37	9.65	9.12	9.46	3.31	4.92	6.18	6.72	79.7
6	syed-mba	MBA-A/1	50	BA5104/Legal Aspects Of Business	13.80	12.66	6.69	10.08	9.46	9.70	3.17	5.06	6.75	7.36	84.7
7	karthikeyan-mba	MBA-A/1	50	BA5105/Organisational Behaviour	12.24	12.30	6.08	9.50	9.17	9.17	2.94	4.42	6.08	6.85	78.7
8	arunprasad-mba	MBA-A/1	50	BA5107/Total Quality Management	12.66	12.36	6.85	9.36	9.36	9.79	3.23	4.78	6.56	5.79	80.7
9	syed-mba	MBA-A/3	20	BA7012/Retail Management	14.40	14.40	7.60	11.16	11.40	11.04	3.72	5.70	7.52	7.76	94.7
10	rajesh-mba	MBA-A/3	19	BA7013/Service Marketing	13.11	13.74	7.49	10.99	10.61	10.74	3.41	5.62	7.16	7.16	90.0
11	karthikeyan-mba	MBA-A/3	19	BA7014/Integrated Marketing Communication	14.37	14.21	7.58	11.62	11.49	10.99	3.79	5.43	7.24	7.66	94.3
12	chandramouli-mba	MBA-A/3	46	BA7021/Security Analysis And Portfolio Management	14.41	14.41	7.20	10.90	11.58	11.32	3.58	5.66	7.51	7.58	94.1

FeedBack Report of MBA Department during AUG-2017

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	To O c
				Weightage -->	15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	10
13	mahalakshmi- mba	MBA- A/3	46	BA7024/Corporate Finance	12.13	11.22	6.23	9.34	9.03	9.13	3.17	4.83	6.23	6.47	77.
14	chandramouli- mba	MBA- A/3	46	BA7026/Banking Financial Services Management	14.28	14.54	7.27	10.85	11.32	11.32	3.62	5.61	7.55	7.62	93.
15	mahalakshmi- mba	MBA- A/3	32	BA7032/Entrepreneurship Development	11.53	10.78	5.90	9.52	8.62	9.07	3.12	4.69	6.10	6.35	75.
16	karthikeyan- mba	MBA- A/3	28	BA7034/Industrial Relations & Labour Welfare	13.18	13.39	6.91	11.23	10.89	10.80	3.49	5.23	6.86	7.37	89.
17	murali- mba	MBA- A/3	28	BA7035/Labour Legislations	12.54	12.75	6.17	9.77	10.37	9.60	3.17	4.63	6.29	6.74	82.
18	arunprasad- mba	MBA- A/3	17	BA7051/Logistics And Supply Chain Management	13.06	13.41	7.06	10.59	10.45	10.73	3.44	5.58	7.25	6.96	88.
19	murali- mba	MBA- A/3	16	BA7052/Service Operations Management	12.56	12.94	6.20	10.20	10.05	10.35	3.25	4.05	6.30	6.90	82.
20	arunprasad- mba	MBA- A/3	53	BA7302/Strategic Management	12.79	13.19	6.97	10.37	9.96	10.46	3.40	5.34	6.85	6.49	85.

SARANATHAN COLLEGE OF ENGINEERING
Academic Planner for Even semester(2016-17) - I, II, III & IV YEAR UG

Prepared by Dr.M.Padma and Dr.S.Rajeswari

DEC	DAY	DETAILS	DAY order	Working days		JAN	DAY	DETAILS	DAY order	Working days		FEB	DAY	DETAILS	DAY order	Working days		MAR	DAY	DETAILS	DAY order	Working days		APR	DAY	DETAILS	Working days	
				I yr	II/III/IV Yr					I yr	II/III/IV Yr					I yr	II/III/IV Yr					I yr	II/III/IV Yr					I yr
1	THU					1	SUN	HOLIDAY				1	WED	L.A. Test -I				1	WED		1	36	39	1	SAT	HOLIDAY		
2	FRI					2	MON	Commencement of first year Classes	IV	1	4	2	THU		II	17	20	2	THU		II	37	40	2	SUN	HOLIDAY		
3	SAT	HOLIDAY				3	TUE		V	2	5	3	FRI		III	18	21	3	FRI		III	38	41	3	MON	Model Exam	59	62
4	SUN	HOLIDAY				4	WED		I	3	6	4	SAT		IV	19	22	4	SAT	HOLIDAY				4	TUE	Study Leave		
5	MON					5	THU		II	4	7	5	SUN	HOLIDAY				5	SUN	HOLIDAY				5	WED	Model Exam	60	63
6	TUE					6	FRI		III	5	8	6	MON		V	20	23	6	MON		IV	39	42	6	THU	Study Leave		
7	WED					7	SAT	HOLIDAY				7	TUE		I	21	24	7	TUE		V	40	43	7	FRI	Model Exam	61	64
8	THU					8	SUN	HOLIDAY				8	WED		II	22	25	8	WED		I	41	44	8	SAT	Study Leave		
9	FRI					9	MON	Special Timetable		6	9	9	THU		III	23	26	9	THU		II	42	45	9	SUN	HOLIDAY		
10	SAT	HOLIDAY				10	TUE	Special Timetable		7	10	10	FRI		IV	24	27	10	FRI		III	43	46	10	MON	Model Exam	62	65
11	SUN	HOLIDAY				11	WED		IV	8	11	11	SAT		V	25	28	11	SAT		IV	44	47	11	TUE	Study Leave		
12	MON					12	THU		V	9	12	12	SUN	HOLIDAY				12	SUN	HOLIDAY				12	WED	Model Exam	63	66
13	TUE					13	FRI	BOGI				13	MON		I	26	29	13	MON		V	45	48	13	THU	Model Exam & Last working day	64	67
14	WED					14	SAT	PONGAL				14	TUE		II	27	30	14	TUE		I	46	49	14	FRI	TAMIL NEW YEAR/GOOD FRIDAY		
15	THU					15	SUN	THIRUVALLUVAR DAY				15	WED		III	28	31	15	WED		II	47	50	15	SAT	HOLIDAY		
16	FRI					16	MON	UZHAVAR THIRUNAL				16	THU		IV	29	32	16	THU		III	48	51	16	SUN	HOLIDAY		
17	SAT					17	TUE	HOLIDAY				17	FRI		V	30	33	17	FRI		IV	49	52	17	MON			
18	SUN	HOLIDAY				18	WED		I	10	13	18	SAT	HOLIDAY				18	SAT		V	50	53	18	TUE			
19	MON					19	THU	HOLIDAY				19	SUN	HOLIDAY				19	SUN	HOLIDAY				19	WED			
20	TUE					20	FRI			11	14	20	MON		I	31	34	20	MON		I	51	54	20	THU			
21	WED					21	SAT	HOLIDAY				21	TUE		II	32	35	21	TUE		II	52	55	21	FRI			
22	THU					22	SUN	HOLIDAY				22	WED		III	33	36	22	WED		III	53	56	22	SAT			
23	FRI					23	MON		II	12	15	23	THU	L.A. Test -II				23	THU		IV	54	57	23	SUN	HOLIDAY		
24	SAT					24	TUE		III	13	16	24	FRI	L.A. Test -II				24	FRI		V	55	58	24	MON			
25	SUN	HOLIDAY				25	WED		IV	14	17	25	SAT	L.A. Test -II				25	SAT		I	56	59	25	TUE			
26	MON					26	THU	REPUBLIC DAY				26	SUN	HOLIDAY				26	SUN	HOLIDAY				26	WED			
27	TUE					27	FRI		V	15	18	27	MON		IV	34	37	27	MON	L.A. Test -III				27	THU			
28	WED	Commencement of senior Classes	I		1	28	SAT		I	16	19	28	TUE		V	35	38	28	TUE	L.A. Test -III				28	FRI			
29	THU		II		2	29	SUN	HOLIDAY				29	WED	L.A. Test -III				29	WED	L.A. Test -III				29	SAT			
30	FRI		III		3	30	MON	L.A. Test -I				30	THU					30	THU		II	57	60	30	SUN			
31	SAT	HOLIDAY				31	TUE	L.A. Test -I				31	FRI	Syllabus Completion				31	FRI	Syllabus Completion	III	58	61					
No. of Working days						3						16	16					19	19					23	23			
Total No. of working days(excluding Test days) for the semester :II/III/IV YEAR : 61, I YEAR : 58																												

(Signature)
PRINCIPAL

ANNA UNIVERSITY:: CHENNA) 600 025

Internal Assessment Schedule for Non. Autonomous Affiliated Institutions

Period: November / December 2017

REVISED

For all UG Programmes (First Semester)

Report. No.	Report Period	Test Period	Report Entry Period
I	01-09-2017 – 28-09-2017	No Test	03-10-2017 – 07-10-2017
II	03-10-2017 – 30-10-2017	21-10-2017 – 30-10-2017	30-10-2017 – 04-11-2017
III	31-10-2017 – 21-11-2017	17-11-2017 – 21-11-2017	21-11-2017 – 25-11-2017
IV	22-11-2017 – 11-12-2017	08-12-2017 – 11-12-2017	11-12-2017 – 12-12-2017

Entered on 4/10

Entered on 2/11

* Saturdays may be included as working days to make good the shortages, if any.

For all PG Programmes (First Semester)

Report. No.	Report Period	Test Period	Report Entry Period
I	06-09-2017 – 06-10-2017	No Test	06-10-2017 – 12-10-2017
II	07-10-2017 – 03-11-2017	21-10-2017 – 28-10-2017	03-11-2017 – 08-11-2017
III	04-11-2017 – 27-11-2017	17-11-2017 – 27-11-2017	27-11-2017 – 01-12-2017
IV	28-11-2017 – 18-12-2017	13-12-2017 – 18-12-2017	18-12-2017 – 19-12-2017

* Saturdays may be included as working days to make good the shortages, if any.


Principal

3. DEPARTMENT ACADEMIC PLANNER (DEPARTMENT OF CHEMISTRY)-2018-19

Date	SESSION	Type of Activity	
13.02.19	FN	One day FDP on Chemistry for Engineers and Behavioural Modifications	Dr.M.Sivakumar. Anna University, BIT campus.
			Dr.M.K.Valsakumari, Mookambigai College of Engg.
	AN		Dr.V.K.Boominathan, Bishop Heber College.
28.02.19	FN & AN	National Science Day	Dr.N.Anantharaman, NIT, Trichy Dr.R.Renganathan, Bharathidasan University, Trichy



S.NO.	NAME	SUBJECT	SUBJECT CODE	YEAR / SEM	THEORY/ LAB	HOURS	TOTAL HOURS
1	Dr. L. Muruganandam Associate Prof.	Environmental Science and Engineering	GE8291	II/IV(ECE-A)	THEORY	5	5
2	Dr. V. Balamurugan Asst. Prof.	Environmental Science and Engineering	GE8291	II/IV(IT)	THEORY	5	8
		Environmental Engineering Laboratory	CE6611	III/V(CIVIL)	LAB	3	
3	Dr. S. Priyanga	Environmental Science and Engineering	GE8291	I/II (CSE-A)	THEORY	5	10
		Environmental Science and Engineering	GE8291	I/IV(ECE-A)	THEORY	5	
4	Dr. R. Maheswari	Environmental Science and Engineering	GE8291	I/V(ECE-B)	THEORY	5	8
		Environmental Engineering Laboratory	CE6611	III/VI(CIVIL)	LAB	3	
5	Mr. B. Balaprasad	Environmental Science and Engineering	GE8291	I/II (CSE-B)	THEORY	5	10
		Environmental Science and Engineering	GE8291	I/II(CIVIL)	THEORY	5	
6	Ms. G. Thulasi	Environmental Science and Engineering	GE8291	II/IV(ECE-A)	THEORY	5	10
		Environmental Science and Engineering	GE8291	I/II(MECH-A)	THEORY	5	
7	Mr. A. Lakshmanan	Environmental Science and Engineering	GE8291	I/II (ICE)	THEORY	5	10
		Environmental Science and Engineering	GE8291	I/II(MECH-B)	THEORY	5	

[Signature]
Principal

[Signature]
HOD/Chemistry

[Signature]
Time-table Coordinator



SARANATHAN COLLEGE OF ENGINEERING
d by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF CHEMISTRY

COURSE FILE - ENVIRONMENTAL SCIENCE (2018 – 2019 EVEN)

S.No.	CONTENTS	Y/N
1.	Vision, Mission	Y
2.	Course Committee meeting circular and minutes	Y
3.	Syllabus	Y
4.	Lesson plan	Y
5.	Class wise name list	Y
6.	Content Beyond the syllabus	Y
7.	Individual Timetable	Y
8.	Class wise time table	Y
9.	Study material	Y
10.	2 Marks question and answers	Y
11.	Previous AU Question papers (at least 5)	Y
12.	Assignment samples	Y
13.	IA test question paper – 1 with answer key	Y
	IA test question paper – 2 with answer key	Y
	IA test question paper – 3 with answer key	Y
14.	Make up test question paper – 1 with answer key	Y
	Make up test question paper – 2 with answer key	Y
	Make up test question paper – 2 with answer key	Y
15.	Sample answer scripts for IA tests	Y
16.	Make up test – 1,2 and 3 attendance	Y
17.	Sample answer scripts for make up tests	Y
18.	Remedial assignment sample scripts	Y
19.	University question paper feed back	Y
20.	CO – PO attainment sheet-Internal	Y
21.	CO – PO attainment sheet-External	Y
22.	CO – PO attainment sheet-Overall	Y

V. Balan 28/03/19
STAFF INCHARGE

28/3/19
HoD/CHEMISTRY

LESSON PLAN

SUBJECT : ENVIRONMENTAL SCIENCE AND ENGINEERING
SUBJECT CODE : GE 8291 **EVEN SEMESTER:** (2018-2019)
DEPARTMENT : CHEMISTRY

UNIT-I: ENVIRONMENT, ECOSYSTEMS AND BIODIVERSITY

TOPIC	NO. OF PERIODS (Planned)	Planned DATE	Actual DATE
Definition, scope and importance of environment, Need for public awareness	1	18.01.19	18.01.19
Concept of an ecosystem-structure and function of an ecosystem-producers, consumers and decomposers	1	19.01.19	19.01.19
Energy flow in the ecosystem, Ecological succession	1	21.01.19	25.01.19 & 29.01.19
Food chains, food webs and ecological pyramids.	1	22.01.19	21.01.19
Introduction, types, characteristic features, structure and function of the (a)Forest ecosystem (b)Grassland ecosystem (c)Desert ecosystem	2	23.01.19 & 24.01.19	30.01.19
(d)Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries)	1	25.01.19	30.01.19
Biodiversity: Introduction, definition - genetic, species and ecosystem diversity, Bio-geographical classification of India	1	28.01.19	31.01.19
Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values	1	29.01.19	31.01.19
Hotspots of biodiversity	1	31.01.19	01.02.19
Biodiversity at global, national and local levels, India as a mega diversity nation	1	30.01.19	04.02.19
Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts	1	01.02.19	05.02.19
Endangered and endemic species of India, conservation of biodiversity: <i>in-situ</i> and <i>ex-situ</i>	1	02.02.19	04.02.19 & 06.02.19

UNIT-II: ENVIRONMENTAL POLLUTION

<i>TOPIC</i>	<i>NO. OF PERIODS (Planned)</i>	<i>Planned DATE</i>	<i>Actual DATE</i>
Definition-causes, effects and control measures of (a)Air pollution	1	04.02.19	07.02.19
Definition-causes, effects and control measures of (b)Water pollution	1	05.02.19	08.02.19 & 09.02.19
		06.02.19	11.02.19
Definition-causes, effects and control measures of (c)Soil pollution	1	07.02.19	11.02.19
Solid waste management, causes, effects and control measures of municipal solid waste	1	08.02.19	12.02.19
Nuclear hazards		09.02.19	12.02.19
Definition-causes, effects and control measures of (e)Noise pollution	1	11.02.19	18.02.19
Definition-causes, effects and control measures of (f)Thermal pollution (g)	1	12.02.19	19.02.19
Role of an individual in prevention of pollution	1	18.02.19	19.02.19
Disaster management: floods, earthquake, cyclone and landslides	1	19.02.19	20.02.19 & 21.02.19
Pollution case studies	1	20.02.19	21.02.19

UNIT III: NATURAL RESOURCES

<i>TOPIC</i>	<i>NO. OF PERIODS</i>	<i>Planned DATE</i>	<i>Actual DATE</i>
Forest resources: use and over exploitation, deforestation, case studies	1	21.02.19	22.02.19
Timber extraction, mining, dams and their effects on forests and tribal people	1	22.02.19	23.02.19
Water resources: use and over-utilization of surface and ground water, flood, drought, conflicts of water, dams :Benefits and problems	2	23.02.19 & 25.02.19	25.02.19 & 26.02.19
Mineral resources: use and exploitation, environmental effects of extracting and using mineral resources, case studies	1	26.02.19	27.02.19 & 01.03.19
Food resources: world food problems, changes caused by agriculture and overgrazing	1	27.02.19	02.03.19
Effects of modern agriculture, fertilizer – pesticide problems, water logging, salinity, case studies	1	28.02.19	04.03.19
Energy resources: growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, case studies	2	01.03.19 & 02.03.19	05.03.19 & 06.03.19
Land resources: land as a resource, land degradation, man induced landslides, soil erosion and desertification	1	04.03.19	11.03.19
Role of an individual in conservation of natural resources, Equitable use of resources for sustainable life styles	1	05.03.19	12.03.19
Field study of local area to document environmental assets - river/forest/grassland / hill/mountain.	1	05.03.19	12.03.19

UNIT-V: HUMAN POPULATION AND ENVIRONMENT

<i>TOPIC</i>	<i>NO. OF PERIODS</i>	<i>Planned DATE</i>	<i>Actual DATE</i>
Population growth, variation among nations – population explosion	1	11.03.19	13.03.19 14.03.19
Family welfare programme- environment and human health	1	12.03.19	15.03.19
Human rights- value education	1	13.03.19	16.03.19
HIV/AIDS	1	14.03.19	18.03.19
Women and child welfare	1	15.03.19	19.03.19
Role of Information Technology in environment and human health – case studies.	1	16.03.19	20.03.19

UNIT – IV: SOCIAL ISSUES AND THE ENVIRONMENT

<i>TOPIC</i>	<i>NO. OF PERIODS</i>	<i>Planned DATE</i>	<i>Actual DATE</i>
From sustainable to unsustainable development-urban problems related to energy	1	18.03.19	25.03.19
Water conservation, rain water harvesting, watershed management	1	19.03.19	26.03.19
Resettlement and rehabilitation of people, its problems and concerns, case studies	1	20.03.19	27.03.19
Role of non-governmental organization, environmental ethics- issues and possible solutions	1	21.03.19	30.03.19
Climate change, global warming, acid rain, ozone layer depletion	1	22.03.19	28.03.19
Nuclear accidents, holocaust, case studies, Wasteland reclamation-consumerism and waste products	2	25.03.19 & 26.03.19	29.03.19 To 01.04.19
Environment protection act-Air act - Water act-Wildlife protection act -Forest conservation act	1	27.03.19	02.04.19 08.04.19 11.04.19
Enforcement machinery involved in environmental legislation, central and state pollution control boards, public awareness.	1	28.03.19	12.04.19



SARANATHAN COLLEGE OF ENGINEERING
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DEPARTMENT OF CHEMISTRY

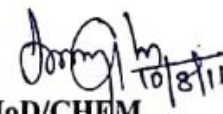
Assignment - 01			Date of Issue:	3.8.16	Marks	10
Course code	GE6351	Course Title	Environmental Science and Engineering			
Year/ Branch	II / CSE	Semester/Section	III / A&B	Date of Submission:		

Q.No	Questions	CO
1.	Explain structure & functions of ecosystem	C206.1
2.	Define ecological succession. Explain its stages	C206.1

1. N. Anand (N. ANANTHA KRISHNAN)

2. G. Thulasi
G. THULASI

Name and Signature of the Faculty Incharge


HoD/CHEM
H.O.D. (CHEMISTRY)
Saranathan College of Engg.,
Trichirapalli - 620 012.



SARANATHAN COLLEGE OF ENGINEERING
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DEPARTMENT OF CHEMISTRY

BS8161- ENGINEERING CHEMISTRY LAB

Experiment No.	Name of the experiment	Planned date	Actual date
1	ESTIMATION OF HARDNESS OF WATER BY EDTA METHOD	30.8.18	30.8.18
2	CONDUCTOMETRIC TITRATION OF STRONG ACID (HCl) Vs STRONG BASE (NaOH)	12.9.18	12.9.18
3	DETERMINATION OF ALKALINITY IN WATER [TITRIMETRY]	12.9.18	12.9.18
4	DETERMINATION OF DISSOLVED OXYGEN CONTENT IN WATER [WINKLER'S METHOD]	3.10.18	3.10.18
5	POTENTIOMETRIC TITRATION OF Fe (II) WITH PERMANGANATE IONS	15.10.18	15.10.18
6	DETERMINATION OF STRENGTH OF HCl BY pH METRIC TITRATION	30.10.18	30.10.18
7	DETERMINATION OF MOLECULAR WEIGHT OF A POLYMER BY VISCOSITY AVERAGE METHOD USING OSTWALD VISCOMETER (VISCOMETRY)	14.11.18	17.11.18



Date: 28/12/17

Ref : SCE/Syllabus/Laboratory/2017-18-Odd sem/

A - Sec

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 : N. V. 28/12/17

Signature :

Name : N. ANANTHA KRISHNAN

Name :

Designation : AP

Designation :

Department : CHEMISTRY

Signature of HoD :

Principal :

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

Saranathan College of Engineering
 QAC - Audit Report
 Academic Year: 2018-19

Year/ Sem/Sec		Sem: ODD/ EVEN															
		Dept: I YEAR															
Subject Code	Name of faculty	Test I					Test II					Test III MODEL					
		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 %	
ASB151	Dr. J. Prigo	IA Test	57	56	1	4	91%	57	56	01	2	94	56	56	-	10	82%
		Make up Test	5	5	-	1	80%	02	02	-	2	01	-	-	-	-	-
		Remarks	Tamil medium students felt difficult					The students did not prepare									
MB151	Dr. A. Neelambasi	IA Test	57	57	-	27	52.6%	57	56	01	24	56%	56	56	NIL	19	12.5%
		Make up Test	27	27	-	16	40%	25	23	02	18	88	-	-	-	-	-
		Remarks	Careless mistakes					Get confused with different methods.					Students have not prepared well for the exam				
PH151	P. Sarathkumar	IA Test	57	57	-	33	42%	57	56	01	39	41%	56	56	-	23	58.6%
		Make up Test	33	31	2	13	61%	40	39	01	23	41%	-	-	-	-	-
		Remarks	Questions are twisted, ununderstandable					Students not prepared well and also not comfortable in part 2					Students not prepared well they are copying first three units				
Signature of QAC members with name		M. P. [Signature] LM. PREMALATHA					P. Saravane A. [Signature]					S. Harish [Signature] S. HARIPRASAN					
Signature of HOD		A. [Signature]					A. [Signature]					A. [Signature]					
Principal																	

Saranathan College of Engineering
 QAC - Audit Report
 Academic Year: 2017-18

Year/ Sem/Sec		Sem: ODD/ Even		Dept: I YEAR													
Subject Code	Name of faculty	Test I					Test II					Test III MODEL					
		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 %	
CY8151	Dr. Maheshwari	IA Test	57	57	-	31	45.6%	56	56	NIL	26	53.5	56	56	NIL	29	48.21%
		Make up Test	31	31	-	24	22.57%	26	26	01	19	24%	-	-	-	-	-
		Remarks	Didn't perform Part-A questions well					Score less marks in Part A answers.					Lack of preparation by the students.				
GE8151	Dr. P. L. Rajageshwari	IA Test	57	57	-	9	84%	50	50	NIL	40	80	56	56	NIL	43	23.21%
		Make up Test	9	9	-	3	67%	10	9	01	06	40	-	-	-	-	-
		Remarks	Didn't perform Part-B questions well					Did not prepare well functions topics.					Lack of Preparation.				
GE8152	VAISHALI Sagaya Basolina	IA Test	57	56	1	28	50%	57	54	03	23	54	56	56	NIL	19	66%
		Make up Test	28	27	1	12	44%	26	26	NIL	8	69	-	-	-	-	-
		Remarks	Students are new to face the subject					Overall performance of the students was better.					-				
Signature of QAC members with name		H. P. ... LN. PREMALATHA					P. Saravanan ...					S. Annali 19/11/18 (S. HARIDHASANI)					
Signature of HCD		A. J. ...					A. J. ...					A. J. ...					
Principal																	

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPPALLI - 12
QAC - QUALITY ASSESSMENT CELL
ACADEMIC YEAR: 2017-2018 ODD SEMESTER

CLASS - <u>K</u>		DETAILS OF EXAMINATION			
		IA TEST: <u>I</u>		Makeup Test: <u>I</u>	
Sl.No	Subject Code	List of Batch Nos Verified	Subject Log book Verified [Y/N]	Remarks	
YEAR/SEM/SEC: <u>I / I / K</u>					
		IA Test	Makeup Test		
1	H 8151	17k006, 16, 26, 44, 55	26, 34, 59, 39, 19	Y	-
2	MA 8151	17k040, 30, 10, 20, 43	17k035, 20, 05, 38, 21	Y	-
3	PH 8151	28, 45, 47, 59, 36	22, 39, 59, 49, 11	Y	-
4	CY 8151	7, 33, 15, 52, 60	43, 60, 15, 21, 12	Y	-
5	GE 8151	17k003, 12, 21, 4, 11	46, 20, 30, 53, 57	Y	-
6	GE 8152	17k004, 30, 20, 49, 50	20, 21, 22, 48, 10	Y	-
YEAR/SEM/SEC: <u>I / I / K</u>					
		IA Test	Makeup		
1	HS 8151	17k004, 19, 27, 26, 45	17k015, 35, 59, 1	Y	-
2	MA 8151	17k053, 28, 12, 1, 37	17k011, 1, 3	Y	-
3	PH 8151	56, 57, 36, 25, 2	17k047, 37, 1	Y	-
4	CY 8151	17k059, 40, 23, 7	17k049, 37, 52	Y	-
5	GE 8151	17k026, 30, 46, 31, 59	17k056, 53, 54	Y	-
6	GE 8152	17k060, 1, 21, 31, 48	17k055, 52, 50	Y	-

VERIFIED AND CHECKED BY

1. S. Senthilmani
2. V. Kalanidhassan
3. S. A. Arz

SIGNATURE WITH DATE OF THE QAC MEMBERS

S. Senthilmani

30/10/17

COURSE END SURVEY-CY8151-ENGINEERING CHEMISTRY

BATCHNO	SEM	SEC	SEMPERIOD	SUBCODE	TITLE	QNO1	QNO2	QNO3	QNO4	QNO5	QNO6
212045	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212019	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	3	3	3	3
212037	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216058	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	2	2	3
216055	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216049	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216025	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212029	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	3	2	2	1	2
216021	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216041	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	2	3	2	3	3
216046	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	2	3	3
212044	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214006	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214050	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214037	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214022	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	1	1	1	1	1	1
214026	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	1	1	1	2	3
214056	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	2	2	3
212039	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214034	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214003	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
214011	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212051	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	1	1	2	2
212007	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212040	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212018	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212001	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	2
215008	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	2	1	1	2	1
217003	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211036	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211044	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211013	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211052	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211045	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	2	2
211033	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	1	1	2	2	3
211037	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	2
211059	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	2
211035	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211048	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	2	2	3	3
211030	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211021	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
211028	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3

211034	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	1	2	2	1
211019	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212008	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212013	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	2	3	2	1	1
212047	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	1
212030	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	1	2	2	3
212005	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212017	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212032	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212004	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212023	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
217022	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	1	1	1	1	1	1
217033	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
215011	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212049	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212021	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	1	2	1	1	1	1
217035	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
217052	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	2
212025	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212014	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212050	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	2	3	3	2	3
212006	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	1
217026	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212043	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212026	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
215038	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	2	2	3	1
215014	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212042	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
212015	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
213024	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	2	3	3	1	3
213026	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
213017	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	2	2	2	1
213047	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	2	3	3	3	3
213048	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
213009	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
213016	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	2	3	3	3
216032	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
213025	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216015	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216045	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216016	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216119	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	2	2	1	2	2	2
216030	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	2	2	3	3
216042	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3
216028	1	A	18-19ODD	CY8151	ENGINEERING CHEMISTRY	3	3	3	3	3	3

SARANATHAN COLLEGE OF ENGINEERING

Faculty FeedBack Report of CHEMISTRY Department during JAN-2018

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
				Weightage -->	15.0	15.0	8.0	12.0	12.0	12.0	4.0	6.0	8.0	8.0	100
1	thulasi-che	CIVIL-A/2	46	GE8291/Environmental Science	12.00	11.35	6.05	9.13	7.83	8.77	2.92	4.28	5.91	6.12	74.36
2	anathakrishnan-che	CSE-A/2	54	GE8291/Environmental Science And Engineering	13.50	12.94	6.37	9.69	10.58	9.60	3.29	4.89	6.70	5.51	83.07
3	thulasi-che	CSE-B/2	54	GE8291/Environmental Science And Engineering	11.44	11.44	5.24	9.24	9.29	9.02	2.98	4.47	5.96	6.19	75.28
4	balaprasad-che	EEE-A/2	54	GE8291/Environmental Science And Engineering	12.89	12.33	5.96	7.78	7.64	9.02	2.55	4.44	6.70	6.01	75.33
5	balamurugan-che	EEE-B/2	55	GE8291/Environmental Science And Engineering	11.84	11.29	6.23	8.81	8.55	8.81	3.03	4.58	5.85	5.73	74.72
6	muruganandam-che	ICE-A/2	54	GE8291/Environmental Science And Engineering	12.11	12.06	5.07	7.29	8.93	8.76	2.01	4.47	6.01	7.44	74.14
7	prtyarega-che	MECH-A/2	53	GE8291/Environmental Science And Engineering	12.40	12.23	6.46	9.15	9.19	9.46	3.03	4.73	6.37	6.19	79.21
8	maheswari-che	MECH-A/4	62	GE6351/Environmental Science And Engineering	11.56	11.47	5.70	7.94	8.48	8.48	2.62	4.22	5.91	5.60	71.97
9	balamurugan-che	MECH-B/2	54	GE8291/Environmental Science And Engineering	8.89	8.06	4.68	6.67	6.62	7.33	2.36	3.76	4.92	4.47	57.75
10	anathakrishnan-che	MECH-B/4	54	GE6351/Environmental Science And Engineering	12.22	12.00	6.25	9.16	9.60	9.20	3.01	4.60	6.34	5.07	77.44



SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur

Trichy-12.

12-02-2018

From

Dr.L.Muruganandam

HOD/Chemistry

Saranathan College of Engineering

Trichy-12.

To

The Principal

Saranathan College of Engineering

Trichy-12.

Dear Sir,

sub- counselling the staff for low feedback- reg

ref- circular dated 10-02-2018 from HOD/Chemistry

Dr.V.Balamurugan, Asst. Professor of Chemistry department has secured less than 60% in feedback from the students during January 2018 for GE8291-ENVIRONMENTAL SCIENCE AND ENGINEERING. As per the direction from the Principal, he attended the session for the verification of the data with all necessary documents on 12-02-2018(Monday) at 2.30 pm arranged in my room. Proper counselling has been given for his career improvement.

Thanking you!

Yours faithfully,


13/2/18


12/2/18