SARANATHAN COLLEGE OF ENGINEERING

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

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu.

INDEX

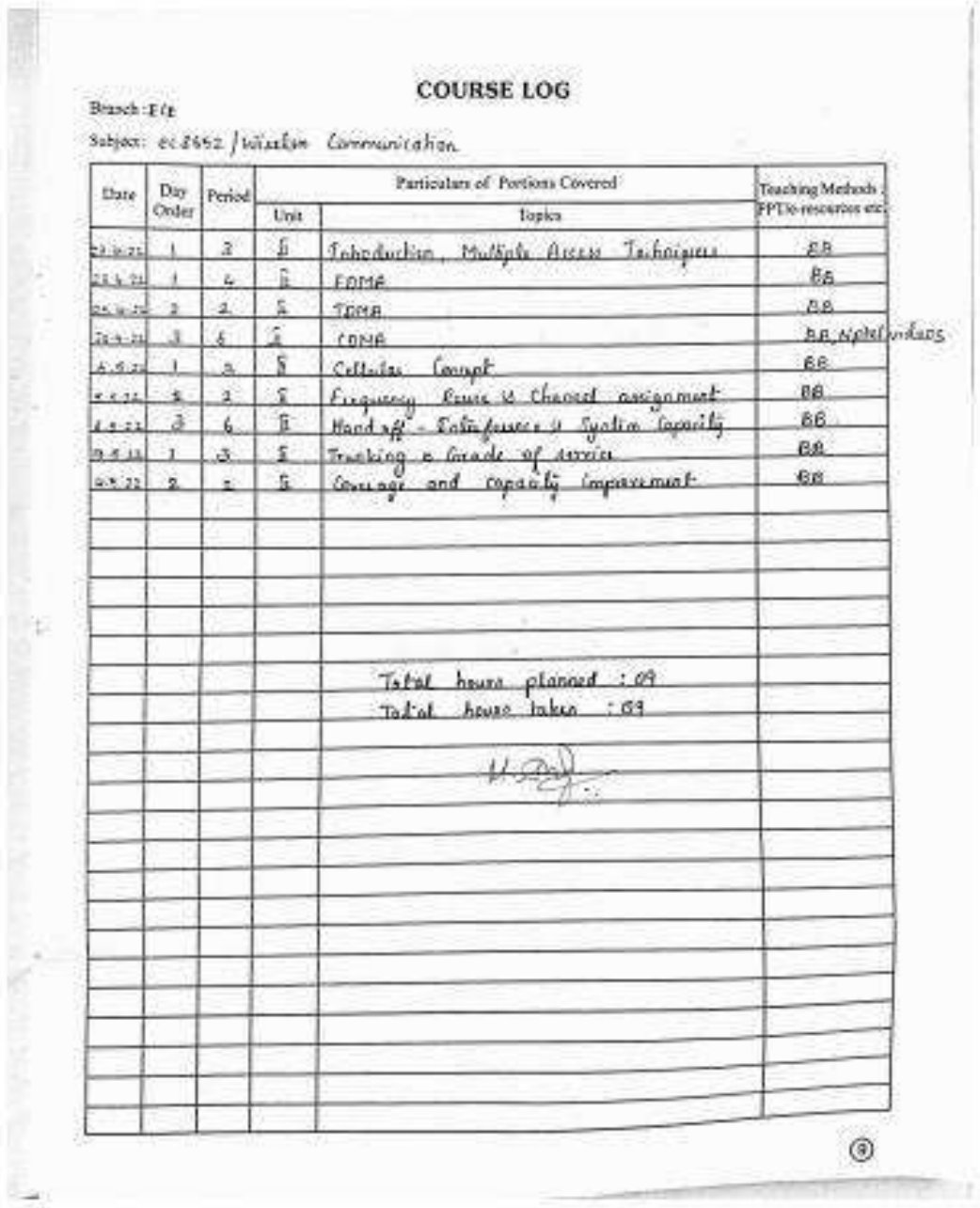
CRITERION: 2.3.2

Teachers use ICT enabled tools for effective teaching-learning process

2021 - 2022

ICT TOOLS USAGE

USE OF NPTEL VIDEOS



COURSE LOG

Branch : ECE

Subject: EC8652 / Wireless Communication

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods / PPTs-resources etc.
			Unit	Topics	
23.8.21	1	2	I	Introduction, Multiple Access Techniques	BB
25.8.21	1	4	II	FDMA	BB
26.8.21	2	2	II	TDMA	BB
28.8.21	3	6	II	CDMA	BB, NPTEL videos
6.9.21	1	2	III	Cellular Concept	BB
7.9.21	2	2	III	Frequency Reuse & Channel assignment	BB
8.9.21	3	6	III	Hand off - Interference & System Capacity	BB
9.9.21	1	3	III	Tracking & Grade of service	BB
10.9.21	2	2	III	Coverage and capacity improvement	BB
				Total hours planned : 09	
				Total hours taken : 09	

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COURSE LOG

Branch : ECE

Subject : EC 8601 / Wireless Communication.

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods / PPTs / e-resources etc.
			Unit	Topics	
3.4.20	1	3,7	II	Equalization, Adaptive equalization	BB
8.4.20	2	4,7	II	Linear and non-linear equalization	BB
				Zero forcing & LMS Algorithm - Numerical problems	Model videos
9.4.20	4	5,7	II	Fading probability in fading channels, Rake Receiver	PPT

COURSE LOG

Branch : ECE

Subject : EC8451 Electromagnetic Fields

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods - PPT/e-resources etc.
			Unit	Topics	
				Unit-I Introduction	
16/3	I	1	1	Introduction to Electromagnetics, Units and constants - Electromagnetic model, Review of Vector Algebra.	BB
17/3	II	6	1	Vector analysis continuation, Coordinate System - Cartesian system	BB with charts.
21/3	IV	4,5	1	Electromagnetic model, Cylindrical and spherical coordinate System	PPT + White Board
22/3	V	2	1	Transformation between Coordinate Systems.	BB
24/3	II	2	1	Gradient of a scalar field	BB
25/3	III	5	1	Divergence Theorem and problems in the proof of divergence theorem	BB
28/3	IV	6	1	Curl of a vector, Stokes theorem	BB
29/3	V	2	1	Null Identities and Helmholtz theorem	BB
30/3	I	2	1	Problems on proof of Stokes Theorem	BB
31/3	II	4	1	Problems on line, surface & volume integral	BB
4/4	IV	4	1	Problems solved in Divergence Curl	BB
5/4	V	2	1	Problems Solved in Gradient & Curl of vector field	BB
			Unit-I is completed.	No of hours planned -12 No of hours conducted -12	

H. O. D

PSL 5/4/22 (8)

COURSE LOG

Branch: ECE

Subject: EC8691 - MPMC

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods: PPT/e-resources etc
			Unit	Topics	
				UNIT 2 - 8086 SYSTEM BUS STRUCTURE	
9.1.20	II	4	2	8086 Signals	BB
10.1.20	II	6	2	Basic configurations - System Bus Timing	BB
20.1.20	IV	6	2	System design using 8086	BB
20.1.20	IV	7	2	I/O Pwgramming	BB
21.1.20	V	2	2	Multipro gramming, system Bus structure	BB
24.1.20	III	7	2	Multiprocessor configurations - Coprocessor	PPT
25.1.20	IV	6	2	closely coupled and Loosely coupled configurations	BB
27.1.20	V	2	2	Introduction to advanced processors	BB
29.1.20	II	2	2	Multiprocessor Configuration - Loosely coupled configuration	PPT
				TOTAL PERIOD:	10
				NO OF HOURS TAKEN:	09
			Unit II completed	H.S.D 31/1/20	

COURSE LOG

Branch: ECE

Subject: EC2651 - Transmission Lines & RF Systems

Date	Day Order	Period	Particulars of Portions Covered: Unit	Particulars of Portions Covered: Topics	Teaching Methods (PPT/e-resources etc.)
				Unit V RF System Design Concepts	
2/6	IV	2	5	Semiconductor Basics - BJT, FET, HEMT	PPT
9/6	V	5	5	BJT, FET, & HEMT	PPT
10/6	I	1	5	Design of RF amplifier	PPT
11/6	II	2	5	Design of RF Stability Considerations	PPT
12/6	II	5	5	Design of Low Noise Amplifier	PPT
16/6	IV	2	5	Design of Mixer & Power amplifier	PPT
17/6	V	5	5	Review & Voltage Controlled Oscillators	PPT
				Unit - 5 is Completed	
				No of hours planned - 10 Conducted - 7	
				Syllabus completed	

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COURSE LOG

Branch : ECE

Subject : EC8002 – MULTIMEDIA COMPRESSION & COMMUNICATION

Date	Day Order	Period	Particulars of Portions Covered: Unit	Topics	Teaching Methods PPT/e-resources etc.
				UNIT-I AUDIO COMPRESSION	
29.3.22	4	1	1	Introduction to Multimedia, Multimedia characteristics	BB
29.3.22	5	3			
			1	Multimedia components and applications	BB
1.4.22	3	4			
			1	Sampling and quantization of Speech	
4.4.22	4	1		PCM - Pulse code modulation	BB
5.4.22	5	3	1	Adaptive differential PCM-ADPCM	PPT
8.4.22	3	4	1	Delta Modulation	BB
11.4.22	4	3	1	Vector Quantisation	BB
12.4.22	3	4	1	Linear Predictive Coding	PPT
12.4.22	5	3	1	Code Excited Linear Predictive coding - CELP	PPT
19.4.22	5	5	1	Differential Pulse code modulation - DPCM third order	BB
				TOTAL HOURS PLANNED :	09
				TOTAL HOURS TAKEN :	10

COURSE LOG

Branch: ECE

Subject: EC8002 - NNMC

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods / PPTs/e-resources etc
			Unit	Topics	
				UNIT IV – GUARANTEED SERVICE MODEL	
25.1.22	III	4	4	Best effort service Model	BB
28.1.22	IV	3	4	Scheduling & Dropping Policies Network Performance Parameters	BB
31.1.22	V	2	4	Quality of service & Metrics	BB
1.2.22	III	2	4	WFQ & its Variants	BB
1.2.22	IV	1	4	Random Early detection. QOS Aware Routing	PPT
2.2.22	V	2	4	Admission Control – Reserve Resource reservation	PPT
2.2.22	V	4	4	RSVP – Traffic shaping algorithms	BB
3.2.22	V	2	4	Caching – Laissez faire Approach.	BB
3.2.22	V	6	4	Possible architectures, QOS Architectures	BB
				TOTAL HOURS PLANNED:	13
				TOTAL HOURS TAKEN:	9

Unit IV completed

H.O.D 3.2.22

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COURSE LOG

Branch: ECE A

Subject: EL8094 Satellite Communication

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods PPT/e-resources etc
			Unit	Topics	
			V	Satellite applications	
2.4.21	apr	1,2		INTELSAT, INSAT, VSAT	
5.4.21	apr	1,2		mobile Satellite Services - Gsm, GPS,	
6.4.21	2	1,2		INMARSAT, LEO, MEO	PPT
7.4.21	apr	1,2		Satellite Navigation system - GPS position location principle, Differential GPS,	
23.4.21	apr	1/2		DGPS	
		3		Revision I	
				Hours planned - 9	
				Hours taken - 10	
				Unit V completed	
				H.O.D Signature	

COURSE LOG

Branch: ECE A

Subject: EC8094 Satellite communication

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
			IV	Satellite access & coding methods	
22.5.21	Sat.	1/2		Modulation & multiplexing – Voice data,	
28.5.21	1	7&8		Video, analog – digital transmission system,	
29.5.21	Sat.	1,2		DVB, FDMA, TDMA, CDMA, DAMA	PPT
31.5.21	1	7		Assignment methods	
2.6.21	1	8		Compression – encryption coding schemes	
				Hours planned – 9	
				Hours taken – 8	
				Unit IV completed	
				H.O.D 2.6.21	

COURSE LOG

Branch: ECE A

Subject: EC8094 Satellite communication

Date	Day Order	Period	Particulars of Portions Covered: Unit	Topics	Teaching Methods: PPT/e-resources etc
			III	Satellite link design	
4.5.21	2	7th		Basic link analysis, Interference analysis,	PPT
5.5.21	Sat	1/2		Rain induced attenuation & interference,	
20.5.21	5	7th		Ionospheric characteristics,	
21.5.21	Sat	1/2		Link design with & without frequency reuse	
24.5.21	3	1st		Link budget & analysis problem.	
	Hours planned – 9			Unit III completed	
	Hours taken – 9				

H. [illegible]

COURSE LOG

Branch: ECE A

Subject: EC8094 Satellite Communication

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods PPT/e-resources etc.
			Unit	Topics	
			II	Space Segment	
6/12/22	3	7,8		Spacecraft technology - structural	
		9		primary power, Attitude	
				& orbit control	PPT
7/12/22	4	7,8		Thermal control & propulsion	
				Communication payload &	
				supporting subsystems,	
9/12/22	5	7,8		TT&C,	
10/12/22	1	7,8		Transponders & Antenna system	
				Hours planned - 9	
				Hours taken - 9	

COURSE LOG

Branch: ECE A

Subject: EC2054 Satellite Communication

Date	Day Order	Period	Particulars of Portions Covered		Teaching Method PPT/e-resources etc.
			Unit	Topics	
			I	Satellite orbits	
5/12/22	2nd	1,2		Introduction, Keplers laws, Newtons laws	PPT
6/12/22	3rd	1,2		orbital parameters, orbital perturbations, station keeping	PPT
8/12/22	5th	1,2		Geostationary & non-Geostationary orbits, Look angle determination - Azimuth & elevation angle, Limits of visibility	PPT
9/12/22	2	7,8		Eclipse, Subsatellite point, Sun transit outage, Launching procedures, Launch vehicles & propulsion	PPT
Hours planned - 9					
Hours taken - 8					

5/12/22

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
62	10/9/19	ECE	EC8391-TS	N. Kavitha	10:05	10:55	50 min	[illegible]
63	10/9/19	ICE	[illegible]	A. [illegible]	12:00	12:45	45 min	[illegible]
64	10/9/19	[illegible]	EC[illegible]	K. Malaisamy	3.50	4.45	50 min	[illegible]
65	10/9/19	ECE	EC6007	R. Shanmugapriya	10:05	10:55	50 min	[illegible]
66	12/9/19	ECE	EC6004	R. Vaishnavi	11.05	11.55	50 min	[illegible]
							[illegible]	
							67 [illegible]	
				Projector [illegible]	[illegible]	15 [illegible]		
				[illegible]	67	[illegible]	[illegible]	[illegible]
67	12/9/19	ICE	EE6007	M. Shanmugavalli	2.15 pm	3.05 pm	50 min	MSV
68	"	"	EI8552	"	3.15 pm	4.00 pm	45 min	MSV
69	13/9/19	ECE	EC6004	R. Vaishnavi	9.15	10.05	50 min	[illegible]
70	13/9/19	ECE	EC8552	Kousalya	11.05	11.45	40 min	[illegible]
71	16/9/19	ICE	EE6007	M. Shanmugavalli	9.15 am	10.05 am	50 min	MSV
72	16/9/19	EEE	EE6008	[illegible]	11.05	11.55	50 min	[illegible]
73	16/9/19	ICE	[illegible]	A. [illegible]	2.15	3.00	50 min	[illegible]
74	16/9/19	ICE	C18392	J. Boobalan	4.00	4.45	45 min	[illegible]
75	17/9/19	ECE	EC8553	Kousalya	12.00	12.45	45 min	[illegible]
76	17/9/19	ECE	C18392	D. Boobalan	2.15	3.05	50 min	[illegible]
77	17/9/19	ECE	CS8392	J. S. [illegible]	4.00	4.45	45 min	[illegible]
78	18/9/19	ICE	EI8552	[illegible]	11.05	11.55	50 min	[illegible]
79	18/9/19	ECE	EC8073	M. Lydia	1.25	2.15	50 min	[illegible]
80	18/9/19	ECE	EC8553	Kousalya	2.20 pm	3.00 pm	40 min	[illegible]
81	19/9/19	ICE	C18392	D. Boobalan	10.05	10.55	50 min	[illegible]

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PROJECTOR USAGE LOG

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Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
23	19/9/19	ECE	EC8553	V. Kaushree	11.05am	12.35pm	90mins	[illegible]
30	19/9/19	ECE	EC8073	M. Lydia	1.05pm	2.15pm	45 mins	[illegible]
24	18/5/19	ECE	EC8552	J. S. Praye	9.15Am	10.05am	50min	[illegible]
25	19/5/19	ECE	EC8552	J. S. Praye	2.20pm	3.05pm	40min	[illegible]
26	20/5/19	ICE	CS8392	A. Boobalan	9.15	10.55Am	1hrs40min	[illegible]
27	20/9/19	ECE	EC8552	J. S. Praye	11.05	1.55	50min	[illegible]
28	20/9/19	ECE	EC8073	M. Lydia	1.25	2.15	45min	[illegible]
29	20/9/19	ECE	EC8553	G. SivaKumar	3:15	4:45	90min	[illegible]
30	20/9/19	ECE	EC8553	Kaushree	10.10am	10.50Am	40min	[illegible]
31	23/9/19	ICE	CS8392	D. Boobalan	1.25PM	2.15PM	50min	[illegible]
32	24/9/19	ECE	EC8553	Kaushree	11.55	12.45pm	50min	[illegible]
33	24/9/19	ECE	EC8553	Kaushree	2.20pm	3.00pm	40min	[illegible]
34	25/9/19	EEE	EE8551	ManiMuthu	3.15	4.45	90mins	[illegible]
35	26/9/19	ECE	EC8553	Kaushree	11.10	11.55	50min	[illegible]
36	26/9/19	CSE	OEC552	SAR-N Kavitha	11.55	12.45	50min	[illegible]
37	26/9/19	ECE	EC8553	Kaushree	1.25pm	1.45Pm	20min	[illegible]
38	27/9/19	CSE	CS8591	S. Venkat	11.45	11.55	50min	[illegible]
39	27/9/19	ECE	EC8553	Kaushree	11.55Am	12.45Pm	50mins	[illegible]
40	27/9/19	CSE	OEC552	N. Kavitha	3.15pm	3.50pm	35min	[illegible]
							1740M	
							29 Hours	
					Running Hours		45	
					not Entry		16 Hour Shortage	

Total 90%

[illegible]

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
1	16-12-19	EEE	EE6701 - Embedded System	B. Paranthagan	1:30 pm	2:10 pm	40 mins	[illegible]
.								
1.	9/1/20	EEE	Embedded R.Vijay	(R.Vijay)	10.15	10.55	40 min	[illegible]
2	9/1/19	che	EVS AERO	V. [illegible]	1.25	2.20	55	[illegible]
3.	6/1/20	EEE	Embedded System	B. Paranthagan	1:30	2:15	45	[illegible]
4	8/1/20	EEE	Embedded System	B. Paranthagan	2:20	3:10	50	[illegible]
5	10/1/20	EEE	Embedded System	B. Paranthagan	11:30	11:50	20	[illegible]
6	11/1/20	EEE	Embedded System	B. Paranthagan	1:30	2:10	40.	[illegible]
7.	11/1/20	EEE	Embedded	R.Vijay	2.20	3.05	45.	[illegible]
8.	20/1/20	MBA	POM	Dr. V. Mahalakshmi	1.30	2.15	45	[illegible]
9	20/01/20	ECE	POM	S. MES	4.00	4.45	45	[illegible]
10	21/1/20	ICE	TEP CLASS	J. [illegible]	10.05	11.35	1.30	[illegible]
11	21/01/20	ECE	POM	S. MES	11.55	12.45	50 m	[illegible]
12	21/01/20	EEE	DEEME	S. Vijayakumar	2.15	3.05	50 min	[illegible]
13	22/01/20	EEE	HVDC	S. Vijayalakshmi	11.05 am	11.55 am	50 min	[illegible]
14	22/01/20	ICE	[illegible]	Dr. S. [illegible]devi	1.30 pm	2.15 pm	45 min	[illegible]
15	22/01/20	ICE	EC 8393 Control Engg	V. Kaushick	2.15 pm	3.45 pm	90 mins	[illegible]
16	23/01/20	EEE	TEP class	R. [illegible]	4:10 PM	4:50 PM	45 min	[illegible]
17	24/01/20	ICE	EC8393 CE	V. Kaushick	11.05 am	11.55 am	50 mins	[illegible]
18	25/1/20	ICE	EC 8393 CE	Kaushick	9.15 am	10.00 am	45 mins	[illegible]
19	25/1/20	ECE	MA 8451	S. S[illegible]	4.00 m	4.45 m	45 m	[illegible]
20	27/1/20	ECE	MA 8451	S. S[illegible]	11.55	12.45	50 m	[illegible]
21	28/1/20	ECE	MA 8451	S. [illegible]	05.15	06.05	50 m	[illegible]
22.	28/1/20	EEE	Embedded	R.Vijay	11.15	12.25	1.15 hr	[illegible]
23.	28/01/20	EEE	[illegible]	R. [illegible]	5.00	6.00 PM	1 hr	[illegible]

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
24	29/1/2020	III ECE A	T&P coding	R. Sharanya	4:00 PM	4:45 PM	45 min	[signature]
25	31/1/2020	III ECE A	T&P Interview training	R. Sharanya	4:00 PM	5:30 PM	1 hr 30 min	[signature]
26	30/1/2020	II ECE	EC8395	Harshini	11.15	12.00	45 min	[signature]
27	30/01/2020	EEE	EE8591	R. Vijay	2.30	3.05	35 min	[signature]
28	31/1/2020	ECE	MG8591	Dr. V. Mahalakshmi	1.25	2.15	50 min	[signature]
27	31/1/2020	ECE	EC8691	M. Lydia	2.15	3.05	45 min	[signature]
28	31/1/20	ECE	MG8591	P. Sugo	4.00	4.45	45 min	[signature]
29	3/02/20	ECE	MG8591	P. Sugo	11.55	12.45	50 min	[signature]
30	3/2/2020	ECE	Mooc	M. Shanmugapriya	10.05 am	11.55	50 min	MSV
31	3/2/2020	II ECE	EC8395	Harshini	11.05 Am	11.55 Am	50 min	[signature]
	4/2/2020		Total hours : 1025			hrs		
				30				
			Enough hours			entered		
			Showed hours (not entered)					
					91 Hours			
32	4/2/20	EEE	EE6...	B. Parantha...	1:35	2:10	35 min	[signature]
33	5/2/20	ICE	IC8451 CS	T. Tamilarasan	9.30	10.05	35 min	[signature]
34	5/2/20	ECE	MG8591	P. Sugo	11.05	11.55	50 m	[signature]
35	5/2/2020	ECE	EC8691	M. Lydia	3.15	4.00	45 min	[signature]
36	5/2/20	ECE	EC8611	V. Dinesh	4.00	4.45	45 min	[signature]
37	6/2/20	ICE	EC8351	Harshini	9.15	10.05	50 mins	[signature]

260 min

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
38	6/2/20	ECE	PDM	Dr.V.Mahalakshmi	1.30	2-15	45min	
39	6/2/20	ECE	MPMC	M. Jayaraj	2.10	2.55	45min	
40	6/2/20	IT	BA Q395	[illegible]	1.15	1.00	45min	
41	6/2/20	ECE	MA8491	S. SUGU	4.00	4.45	45m	
42	7/2/20	ECE	EC8691	V Dinesh	9.15	10.05	50min	
43	7/2/20	ECE	MA 8491	Dr.V.Mahalakshmi	10.05	10.55	45min	
44	7/2/20	ECE	MA8491	S. SUGU	10.55	11.45	50m	
45	11/2/20	ECE	MA8491	S. SUGU	11.15	12.00	45m	
46	11/2/20	ECE	EC8691	V Dinesh	4.00 pm	4.45pm	45m	
47	12/2/20	ECE	MA 8491	Dr.V.Mahalakshmi	1.25	2.15	50m	
48	13/2/20	ECE	MA 8491	Dr.V.Mahalakshmi	2.15	3.05	50m	
49	14/2/20	ECE	EE8601	B Parameswaran	2.20	3.05	45min	
50	15/2/20	MBA	MA 8491	Dr.V.Mahalakshmi	12.00	12.45	45min	
51	15/2/20	ECE	MA8491	S. SUGU	1.25	2.15	50m	
52	17/2/20	ECE	MA8491	S. SUGU	12.05	4.55	50m	
53	17/2/20	ECE	EC 8652	Dr. G Vanitha	11.55	12.45	50	
54	17/2/20	ECE	EC 8395 & ICE	[illegible]	1.30	2.15	45min	
55	17/2/20	ECE	Today Timing	R Hemalatha	4.45	6.30	1hr 45m	
56	18/2/20	CIVIL	EVS	V. Balasubramanian	11.55	12.45	50	
57	18/2/20	ECE	PDM	Dr.V.Mahalakshmi	2.15	3.05	50min	
58	18/2/20	ICE	EC8395, OE	[illegible]	3.15	4.00pm	45min	
59	18/2/20	ECE	MA8491	S. SUGU	4.00	4.45	45	
60	18/2/20	ECE	Today	R. Hemalatha	4.50	6.30	1hr 40min	
61	19/2/20	ECE	Today	R. Hemalatha	5.00	6.30	1½ hr	
62	20/2/20	ECE	MA8491	S. SUGU	9.15	10.05	50	

1160 min

3 Hrs

SARANATHAN COLLEGE OF ENGINEERING

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
68	20/2/20	IT	PPT	[illegible]	10.05	11.50	45 min	[illegible]
69	21/2/20	[illegible]	TOP - [illegible]	C. [illegible]	12:00	12.45 PM	45 min	[illegible]
70	24/2/20	English	Professional Communication	Dr. V. [illegible]	3.30	4.45	1.15 hr	[illegible]
71	24/2/20	ECE	GE 6075	Dr. R. MURTHY	9.15	10.55	100 min	[illegible]
72	25/2/20	EEE	EE [illegible]	B. [illegible]	12.15	12.45	40 mins	[illegible]
73	25/2/20	ECE	MA 8591	Dr. V. Mahalakshmi	1.30	2.15	45 min	[illegible]
74	26/2/20	ECE	MA 8591	[illegible]	11.55	12.45	50 m	[illegible]
75	27/2/20	ECE	EC8691	V Dinesh	11.55	12.45	50 min	[illegible]
76	28/2/20	ECE	MA 8591	Dr. V. Mahalakshmi	11.05	11.55	50 min	[illegible]
77	2/3/20	ECE	EC8095	Dr. M. SANTHI	10.05	10.55	50 min	[illegible]
78	2/3/20	ECE	EC8491	Dr. S. RAJESWARI	11.10	12.00	50 min	[illegible]
79	3/3/20	ECE	EC8691	V Dinesh	9.15	10.05	50 min	[illegible]
80	3/3/20	ECE	EC8651	P. Shanmugapriya	11.05	11:55	50 min	[illegible]
81	3/3/20	ECE	MA 8591	[illegible]	11.55	12.45	50 m	[illegible]
82	4/3/20	ECE	MA 8591	Dr. V. Mahalakshmi	9.15	10.00	45 min	[illegible]
83	4/3/20	ECE	EC8491	S. Rajeswari	10.10	11.00 am	50 min	[illegible]
						28 [illegible]	835	min
				OK 5/3/2020		3	1160	min
				HOD (ECE)		4 [illegible]	2215	min
84	4/3/20	ECE	MA 8591	[illegible]	1.25	2.15	50	[illegible]
85	4/3/20	Che	GE8291	V. [illegible]	2.15	3.05	50	[illegible]
86	5/3/20	ECE	MA 8591	Dr. V. Mahalakshmi	11.05	11.55	50 min	[illegible]
87	5/3/20	ECE	EC8691	V Dinesh	2.15	3.05	50 min	[illegible]
88	6/3/20	ECE	EC8691	V. Dinesh	4.00	4.45	45 min	[illegible]

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
89	9/3/20	ECE	EC8702	S Rajeswari	9.15	10.05	50min	[illegible]
90	9/3/20	ECE	EC6002	S.A. Arunmozhi	10.05	10.55	50min	[illegible]
91	9/3/20	ECE	MA8591	Dr.V.Mahalakshmi	1.30	2.15	45min	[illegible]
92	9/3/20	ECE	MA8591	S.Siva	4.00	4.45	45min	[illegible]
93	10/3/20	ECE	EC8852	Dr C Venmathi	10.20	10.50	30min	[illegible]
94	10/03	ECE	MA8591	S. Siva	11.55	12.45	50min	[illegible]
95	11/03	ECE	MA8591	S. Siva	09.15	10.15	60min	[illegible]
16	11/3/20	ECE	EC8691	V Dinesh	10.05	10.55	50min	[illegible]
17	11/3/20	ECE	EC6002	S.A.Arunmozhi	11.55	12.45	50min	[illegible]
18	11/3/20	ECE	EC8651	P.G. Shanmugapriya	8.15 / 4.00	9.05 / 4.45	50min / 45min	[illegible]
19	12/3/20	ECE	GE8291	V. Balaramya	11.15	12.00	45	[illegible]
20	12/3/20	ECE	EC6002	S.A.Arunmozhi	12.00	12.45	45min	[illegible]
21	13/3/20	ECE	EC8691	V Dinesh	2.15	3.05pm	50min	[illegible]
22	13/3/20	ECE	EC6802	S.A.Arunmozhi	12.00	12.50pm	50min	[illegible]
23	13/03	ECE	MA8591	S. Siva	4.00	4 hr	1 hr	[illegible]
24	13/3	ECE	MA8591	Dr.V.Mahalakshmi	2.15	[illegible]	50min	[illegible]
25	16/3	ECE	EC8691	V Dinesh	11.15	12.05	50min	[illegible]
26	16/3	ECE	MA8591	Dr.V.Mahalakshmi	12.00	12.45	45min	[illegible]
26	16/3	ECE	MA8591	Dr.V.Mahalakshmi	2.15	3.00	45min	[illegible]
30	2/4/2020	ECE	Ph.D. VIVA	Mr. Mani Kandan, JJCET - Trichy	11.00	1.00	2hrs	[illegible]
29	17/9/2020	ECE	[illegible]	E Malayamy & V Dinesh	2.20pm	3.45pm	1.25hr	[illegible]
30	3/10/2020	ECE	E-conference - Testing	E Malayamy, V Dinesh, Dr. SV & Dr. M.S	3.30pm	4.40pm	[illegible]	[illegible]
31	4/10/2020	ECE	E-conference - Testing	E Malayamy, V Dinesh, Dr. SV & Dr. M.S	3.00pm	4.45pm	1.45hr	[illegible]
32	5/10/2020	ECE	E-conference	E Malayamy, V Dinesh	9.15AM	17.25		[illegible]

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PROJECTOR USAGE LOG

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Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
37	6/12/20	ECE	E-conference	Dr.Mahalakshmi, V.Dinesh	9.40am	5.35pm		
38	11/12/20	ECE	webinar	V.Dinesh, A.Shanthini Rani	9.50am	11.22am		
39	[illegible]	[illegible]						

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
01.	26/10/21	ECE	OTL552 (3rd hr)	V. Ramya	10.45	11.45		[illegible]
02.	26/10/21	CSE	MPMC (4th hr)	V. KavEhica				
3.	26/10/21	ECE	MPMC (1st hr)	R. Vaishnavi				
4.								
1.	27/10/21	CSE	MPMC (4th hr)	~~[illegible]~~ V. Ramya	2.00pm	3.00pm	1hr	[illegible]
2.	27/10/21	ECE	MPMC (5th hr)	~~[illegible]~~ [illegible]	3.15pm	4.15pm		[illegible]
~~3.~~	~~27/10/21~~	~~ECE~~	~~OTL552 (6th hr)~~	~~V. Ramya~~				
	28/10/21	ECE	OTL552 (3rd hr)	V. Ramya				
	28/10/21	ECE	MPMC (4th hr)	R. Vaishnavi				
	29/10/21	ECE	[illegible] (3rd hr)	[illegible]				
		1/11/	2021					
1.	8/11/21	ECE	Digital comm	S. Rajeswari (3rd, 4th)				
2.	8/11/21	ECE	Trans. Engg.	V. Karthica	10.10Am	11.15 Am	1 Hour	[illegible]
.								
1.	8/11/21	ECE	Optical comm	K. Malaikani	2. Pm	3. Pm	1 Hr	[illegible]
2.	9/11/21	ECE	Trans. Engg	V. Kavitha	2.30pm	3.30pm	1Hr	[illegible]
1.	11/11/21	ECE	OTL552 DAE (A)	V. Ramya	10.15Am	11.15Am	2Hr	[illegible]
2.	11/11/21	ECE	EC8394 Sat Comm	J. Sindhumathy	1.15pm	2.15pm	1hr	[illegible]
3.	11/11/21	ECE	EC 8094 Sat Comm	P. Sivagami Sundhari	2.15	3.15pm	1hr	[illegible]
4.	11/11/21	ECE	OTL552 DAE (B)	V. Ramya	3.30	4.25pm	1hr	[illegible]
1.								
2.	12/11/21	ECE	OTL552 DAE (A)	V. Ramya	10.15Am	11.15Am	2hr	
3.								

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
1	28/1/2022	ECE	Talonzia 2022	English topic	10 Am	5 PM	9	
2	29/1/2022	"	"	" "	10 Am	5 PM	8	
3	08/2/22	ENG	Founder Society [illegible]	C. Gnanadesikan S. Sriram	3.15 PM			
4	26-2-22	S&H Maths	Techzilla 2022	Dr S. Arunkumar	9.30	3.15	5.45	
5	[illegible]	CHE	EVS	[illegible]	[illegible]	12.30	2	
6	30-5-22	CHE	EVS	[illegible]	[illegible]	[illegible]	2	
7	1-6-22	CHE	EVS	"	11.30	12.30	1	
8	5-6-22	CHE	EVS	"	11.30	12.30	1	
9	18/5/22	ECE	Viva Voce	K. Malaisamy	10.00	12.00	2	
10	25/5/22	ECE	MP	K. Malaisamy	9.15	10.15	1	
11	31/5/22	ECE	MP	"	9.15	10.15	1	
12	8/6/2022	ECE	LDIC	A. Shamin Banu	11.45	12.30	1	
13	9/6/2022	ECE	EMF	Dr V Mohan	11:00	11:30	2	
14	10/6/	"	MP	K. Malaisamy	1.30	2.20	1	
15	14/6/	ECE	VLSI Design	Dr. M. Santhi	3.30	4.30	1	
16	23/6/22	ECE	PhD Viva Voce	G. PRATHIBA TF/ECE UCEA Ariyalur	10.00 AM	11.00 AM	1	
17	27/6/22	ECE	synopsis	G. Hariprasath ECE/synopsis	10.00	1.30	3.30 hrs	
18	27/6/22	EEE	Ph.D Viva Demo	Vijay EEE	3.00	4.00	1	
19	28/6/22	EEE	Ph.D Viva	Vijay R.	10.00	12.00	1	
20	30/6/22	ECE	Ph.D Synopsis	Ram Kumar/K from KRCT	11:00	12:30	1	

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
1.	18/8	ECE	T & P	A. Shamin Banu	3.15pm	4.45pm	1.30hrs	
2	22.8	ECE	Comm Sys	"	2pm	4.45pm	45min	
3	26/8	ECE	Embed. Sys	B. Divya	4.00	4.45	45min	
4	26/8	ECE	High voltage	Dr. R. Vijay	1.30	2.15	45min	
5	27/8	ECE	Antennas	Dr. K. Malathy	10.00	11.00	1 hr.	
6.	29/8	ECE	embedded sys	B. Divya	10.00	10.50	45min	
7	29/8	ECE	"	"	1.25	2.15	45min	
8.	29/8	ECE	ASN	R. Kiruthika	2.15	3.00	45min	
9.	30/8	ECE	ERTS	B. Divya	5.00	11.45	45min	
10	1/9/22	ECE	MPMC	K. Malathy	10.30	11.00	30	
11	2/9/22	ECE	DSP Viva	K. Subramanian	09.15	12.00	2.45hr	
12	2/9/22	ECE	MPMC	K. Malathy	11.00	12.45	45	
13	6/9/22	ECE	B. Divya	B. Divya	3.15	4.45	1.30	
14	7/9/22	ECE	K. Malathy	Antenna	3.15	4.15	1	
15	8/9/22	ECE	T & P	A. Shamin Banu	3.15	4.45	1.30hrs	
16	9/9/22	"	Antenna	K. Malathy	3.15	10.15	1	
17	9/9/22	"	ECO76	S. A. Bhuvaneshwari	10.05	10.55	50min	
18	9/9/22	"	T & P	A. Shamin	3.15	4.45	1.30hrs	
19	12/9/22	ECE	ERTS B. Divya	B. Divya	1.25	2.15	45min	
20	12/9/22	ECE	EMBEDDED SYSTEM	S. KIRUTHIKA	2.15	3.05	50 min	
21	12/9/22	ECE	CN	S. KIRUTHIKA	4.00	4.45	45min	
22.	13/9/22	ECE	CN	S. KIRUTHIKA	11.05	11.55	50min	
23	13/9/22	ECE	ERTS	B. Divya	4.00	4.45	45min	
24	14/9/22	ECE	ERTS	B. Divya	12.00	12.45	45min	
25	14/9/22	ECE	EMBEDDED SYSTEM	S. KIRUTHIKA	3.15	4.40	1.30hrs	

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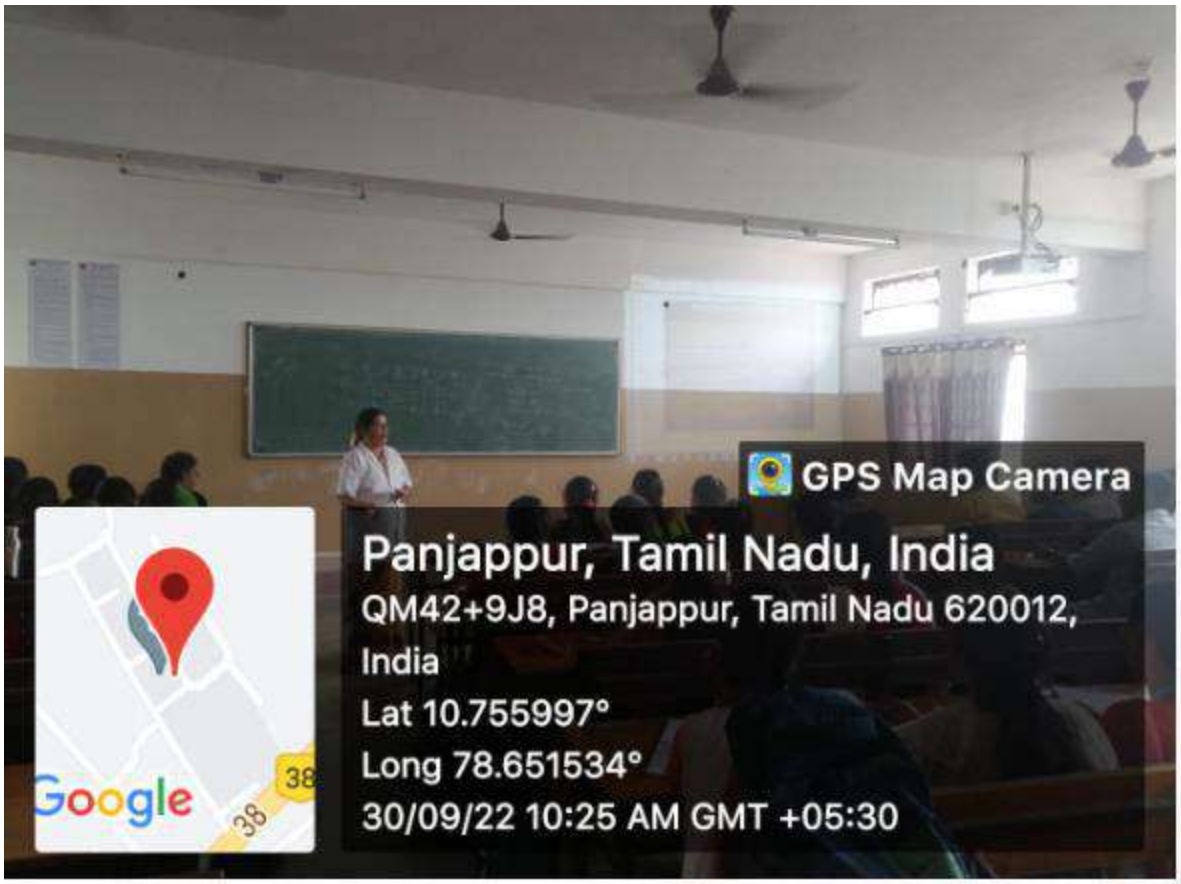
PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
	16/9	ECE	T&P	A. Sharmin Banu	3.30	4.30	1 Hr	
	19/9	ECE	[illegible]	K. Malai Selvi	11.00	11.50	50m	
	20/9	ECE	BRTS	B. Divya	4.00	4.45	45m	
	21/9	ECE	EC8701	K. Malai Selvi	2.15	3.00	45m	
	21/9	"	"	K. Malai Selvi	3.00	4.45	1 Hr 45m	
	22/9	ECE	AVLSI	S. KIRUTHIGA	9.15	10.05	45Min	
	23/9	ECE	HVE	R. Vijay	1.35	3.05	3 Hrs	
	23/9	ECE	T and P	A. Sharmin Banu	3.15	4.45	1.5 Hrs	
	24/9	ECE	EC8701	K. Malai Selvi	1.30	2.35	1 Hr	
	26/9	ECE	EC8791	B. Divya	1.30	2.05	45Min	

CLASSROOMS ENABLED WITH ICT TOOLS FACILITY


GPS Map Camera
Panjappur, Tamil Nadu, India
QM42+9J8, Panjappur, Tamil Nadu 620012, India
Lat 10.755997°
Long 78.651534°
30/09/22 10:25 AM GMT +05:30
Google
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GPS Map Camera
Panjappur, Tamil Nadu, India
QM42+9J8, Panjappur, Tamil Nadu 620012, India
Lat 10.755991°
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Long 78.651532°
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GPS Map Camera
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Lat 10.756071°
Long 78.651554°
30/09/22 10:24 AM GMT +05:30
Google
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LESSON PLAN - ODD SEM (2021-2022)

TITLE OF THE SUBJECT:	EI8751	INDUSTRIAL DATA NETWORKS			
SEMESTER :	VII	BRANCH:	ICE	REGULATION:	R-2017 AUC
NAME OF STAFF:	Dr. M. Shanmugavalli	PROFESSOR	ICE		

COURSE OBJECTIVES:

1. To educate on the basic concepts of data networks
2. To introduce the basics of internetworking and serial communications
3. To provide details on HART and Field buses
4. To educate on MODBUS, PROFIBUS and other communication protocol
5. To introduce industrial Ethernet and wireless communication

UNIT NO.	TOPICS	TEACHING METHOD	NO. OF PERIODS	CUMULATIVE PERIODS
I	**DATA NETWORK FUNDAMENTALS**			9
	Networks hierarchy and switching	PPT	1	1
	Open System Interconnection model of ISO	PPT	2	3
	Data link control protocol	PPT	2	5
	Media access protocol	PPT	2	7
	Command / response	PPT	2	9
	Token passing	PPT	2	11
	CSMA/CD, TCP/IP	PPT	1	12
II	**INTERNET WORKING and RS 232, RS485**			9
	Bridges	PPT	1	13
	Routers	PPT	2	15
	Gateways	PPT	1	16
	Standard ETHERNET configuration special requirement for	PPT	1	17
	ARCNET configuration special requirement for networks used for	PPT	1	18
	RS 232 configuration	PPT	2	20
	RS 485 configuration	PPT	1	21
	Actuator Sensor (AS) – interface	PPT	2	23
	Devicenet	PPT	2	25
III	**HART AND FIELD BUS**			9
	Introduction - Evolution of signal standard	PPT	2	27
	HART communication protocol	PPT	1	28
	HART networks - HART commands - HART applications	PPT	2	30
	Fieldbus - Introduction	PPT	1	31
	General Fieldbus architecture	PPT	1	32
	Basic requirements of Fieldbus standard	PPT	1	33
	Fieldbus topology – Interoperability Interchangeability	PPT	1	34
	Introduction to OLE for process control (OPC).	PPT	1	35
IV	**MODBUS AND PROFIBUS PA/DP/FMS AND FF**			9
	MODBUS protocol structure	PPT	2	37
	function codes – troubleshooting	PPT	2	39
	Profibus, Introduction	PPT	2	41
	Profibus protocol stack	PPT	1	42

Profibus communication model	PPT	1	45
communication objects - system operation	PPT	2	46
troubleshooting	PPT	1	25
review of foundation fieldbus - Data Highway			

INDUSTRIAL ETHERNET AND WIRELESS COMMUNICATION 9

Industrial Ethernet, Introduction	PPT	1	47
10 Mbps Ethernet	PPT	2	49
100 Mbps Ethernet	PPT	2	51
Radio and wireless communication	PPT	1	52
Introduction, components of radio link	PPT	2	54
radio spectrum and frequency allocation	PPT	2	56
radio MODEMs	PPT	2	58
Introduction to wireless HART and ISA100	PPT	1	59

Black Board, PPT- Power point presentation

BOOKS:

1. Steve Mackay, Edwin Wrijut, Deon Reynders, John Park, Practical Industrial Data Networks Design, Installation and Troubleshooting' Newnes Publication, Elsevier First Edition, 2004
2. William Buchanan, Computer Buses, CRC Press, 2000.
3. Behrouz Forouzan, Data Communications & Networking, 3rd edition, Tata McGraw hill, 2006.

ERENCES:

1. Andrew S. Tanenbaum, David J. Wetherall, Computer Networks, Prentice Hall of India Pvt. Ltd., 5th Edition. 2011.
2. Theodore S Rappaport, Wireless Communication: Principles and Practice, Prentice Hall of India 2nd Edition, 2001.
3. William Stallings, Wireless Communication & Networks, Prentice Hall of India, 2nd Edition, 2005.

RSE OUTCOMES:

dents will have the

- Ability to define basic concepts of data communication and its importance.
- Ability to explain the various internetworking devices involved in industrial networks
- Ability to explain the various serial communication used in process industries.
- Ability to illustrate, compare & explain the working of HART and Field bus used in process digital communication.
- Ability to summarize the operation of MODBUS, PROFIBUS protocol & its applications.
- Ability to explain and adopt the different Industrial Ethernet protocol and usage of wireless communication in process applications.

Sharingavalli

GNATURE OF STAFF

SIGNATURE OF HEAD OF THE DEPARTMENT

LESSON PLAN
ODD SEM (2021-22)

TITLE OF THE SUBJECT: EI8091 INSTRUMENTATION IN PRTROCHEMICAL INDUSTRIES

SEMESTER: VII BRANCH: ICE REGULATION: R-2017 AUC

NAME OF STAFF: Mr.R.SEETHARAMAN ASSISTANT PROFESSOR ICE

COURSE OBJECTIVES:

1. To introduce the students the method of oil recovery and the steps involved in oil gas production process
2. To make the students understand the process behavior of some of the important unit operations in petrochemical industry through mathematical model
3. To familiarize the students to apply knowledge to select the appropriate control strategy for the selective process
4. To provide information about the most important derivatives obtained from petroleum products
5. To help the students in understanding selection and maintenance of instruments in petrochemical industry

UNIT NO	TOPICS	TEACHING METHOD	NO. OF PERIODS	CUMULATIVE PERIODS
	OIL EXTRACTION AND OIL GAS PRODUCTION			
I	Introduction to Oil and Gas Industries	PPT	2	2
	Techniques used for oil discovery	PPT	2	4
	Oil recovery methods	PPT	1	5
	Overview of oil gas production	PPT	1	6
	oil gas separation	PPT	2	8
	Gas treatment and compression	PPT	2	10
	Control and safety systems	PPT	1	11
	IMPORTANT UNIT OPERATIONS IN REFINERY			
II	Distillation Column	PPT	1	12
	Thermal cracking	PPT	2	14
	Catalytic Cracking & reforming	PPT	2	16
	Mathematical Modeling and control strategy	PPT	2	18

	Alkylation	PPT	2	20
	Isomerization	PPT	2	22
	DERIVATIVES FROM PETROLEUM			
III	Methane and its derivatives	PPT	2	24
	Methanol Production	PPT	1	25
	Acetylene production	PPT	1	26
	Derivatives from acetylene	PPT	2	28
	Derivatives from ethylene	PPT	2	30
	Derivatives from propylene	PPT	2	32
	IMPORTANT PETROLEUM PRODUCTS & MEASUREMENTS			
IV	BTX Processing	PPT	2	34
	Production of Styrene	PPT	2	36
	Production of Ethylene Glycol and Ethylene Oxide	PPT	2	38
	Production of Polyethylene & Polypropylene	PPT	2	40
	Study of parameters in petrochemical industry	PPT	1	41
	Selection of measuring instruments	PPT	1	42
	Maintenance of measuring instruments	PPT	1	43
	SAFETY IN INSTRUMENTATION SYSTEMS			
V	Classification of Hazardous zone	PPT	1	44
	Electrical and Intrinsic safety	PPT	1	45
	Explosion suppression and Deluge Systems	PPT	2	47
	Flame, fire and smoke detectors	PPT	1	48
	leak detectors	PPT	1	49
	Guidelines and standards of safety instruments	PPT	1	50
	SIS Design Configurations	PPT	1	51
	Hazard and Risk Assessment	PPT	2	53
	Failure modes	PPT	1	54
	Operation and Maintenance	PPT	1	55

PPT- Power point presentation

COURSE OUTCOMES:

1. Gain knowledge on oil gas production process and important unit operations in a refinery
2. Having gained the process knowledge, ability to develop and analyze mathematical model of selective processes
3. Able to develop, analyze and select appropriate control strategy for selective unit operations in a refinery
4. Gain knowledge on the most important chemical derivatives obtained from petroleum products
5. Understand safety instrumentation followed in process industries

TEXT BOOKS:

1. Waddams, A.L., "Chemicals from Petroleum", Wiley, 1973. (Digitized in 2007)
2. Balchen, J.G., and Mumme K.I., "Process Control Structures and Applications", Von Nostrand Reinhold Company, New York, 1988

REFERENCES:

1. Liptak, B.G., "Instrumentation in Process Industries", Chilton Book Company, 2005. (Digitized in 2008.)
2. Austin, G.T. and Shreeves, A.G.T., "Chemical Process industries", McGraw-Hill, 2012
3. HavardDevold, "Oil and Gas Production Handbook", ABB, 2006
4. Paul Gruhn and Harry Cheddie, "Safety Instrumented Systems: Design, Analysis, and Justification", 2nd Edition, ISA Press, 2006

26/08/2021
SIGNATURE OF STAFF

SIGNATURE OF HEAD OF THE DEPARTMENT

LESSON PLAN

LESSON PLAN						
EVEN SEM (2021-2022)						
TITLE OF THE SUBJECT:	GE8076	PROFESSIONAL ETHICS IN ENGINEERING				
SEMESTER :	VIII	BRANCH:	ICE		REGULATION:	R-2017 AUC
NAME OF STAFF:	DR.P.ARAVIND	ASSISTANT PROFESSOR	ICE			

COURSE OBJECTIVES:

- To enable the students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

UNIT NO	TOPICS	TEACHING METHOD	NO. OF PERIODS	CUMULATIVE PERIODS
	HUMAN VALUES			10
I	Morals, values and Ethics	BB	1	01
	Integrity – Work ethic – Service learning	BB	1	02
	Respect for others – Living peacefully	BB	1	03
	Caring – Sharing – Honesty – Courage – Valuing time	BB	2	05
	– Cooperation – Commitment – Empathy	BB	1	06
	Self-confidence – Character – Spirituality	BB	3	09
	Introduction to Yoga	BB	1	10
	meditation for professional excellence and stress management	BB	1	11
	Revision	BB	2	13
	ENGINEERING ETHICS			9
	Senses of 'Engineering Ethics' – Variety of moral issues	BB	3	16
	Types of inquiry – Moral dilemmas – Moral Autonomy	BB	3	19
	Kohlberg's theory – Gilligan's theory – Consensus & Controversy	BB	1	20
	Professions and Professionalism	BB	1	21
	Professional Ideals and Virtues – Uses of Ethical Theories	BB	2	23
	ENGINEERING AS SOCIAL EXPERIMENTATION			9
III	Engineering as Experimentation	BB	3	26
	Engineers as responsible Experimenters	BB	3	29
	Codes of Ethics	BB	3	32
	A Balanced Outlook on Law	BB	2	34
	Revision	BB	2	36
	SAFETY, RESPONSIBILITIES AND RIGHTS			9
IV	Safety and Risk – Assessment of Safety and Risk	BB	1	37
	Risk Benefit Analysis and Reducing Risk	BB	2	39
	Respect for Authority – Collective Bargaining	BB	2	41
	Confidentiality	BB	1	42
	Conflicts of Interest – Occupational Crime –	BB	3	45

LESSON PLAN

	Professional Rights – Employee Rights	BB	3	48
	Intellectual Property Rights (IPR)	BB	2	50
	Discrimination	BB	1	51
	Global Issues			
V	Multinational Corporations – Environmental Ethics – Computer Ethics	BB	4	55
	Weapons Development- Engineers as Managers	BB	3	58
	Consulting Engineers – Engineers as Expert Witnesses and Advisors	BB	5	63
	Moral Leadership – Sample Code of Conduct	BB	2	65

BB –Black board teaching, PPT- Power point presentation

TEXT BOOKS:

1. Mike W. Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw Hill, New Delhi, 2003.
2. Govindarajan M, Natarajan S, Senthil Kumar V. S, "Engineering Ethics", Prentice Hall of India, New Delhi, 2004.

REFERENCES :

1. Charles B. Fleddermann, "Engineering Ethics", Pearson Prentice Hall, New Jersey, 2004.
2. Charles E. Harris, Michael S. Pritchard and Michael J. Rabins, "Engineering Ethics – Concepts and Cases", Cengage Learning, 2009.
3. John R Boatright, "Ethics and the Conduct of Business", Pearson Education, New Delhi, 2003
4. Edmund G Seebauer and Robert L Barry, "Fundamentals of Ethics for Scientists and Engineers", Oxford University Press, Oxford, 2001.
5. Laura P. Hartman and Joe Desjardins, "Business Ethics: Decision Making for Personal Integrity and Social Responsibility" Mc Graw Hill education, India Pvt. Ltd.,New Delhi, 2013.
6. World Community Service Centre, ' Value Education', Vethathiri publications, Erode, 2011.

Web sources:
www.onlineethics.org, www.nspe.org, www.globalethics.org , www.ethics.org

COURSE OUTCOMES:

Understanding the human values and ethics in the human excellence and behaviour in the organisation

helps to understand the characteristics of morals and engineer's conduct of behaviour and practice in the workplace

Engineering as an experimental process to understand the various ethical implications

responsibility of engineers to ensure the safety, health and welfare of the public

the importance of ethics in dealing with the global issues, computer ethics and weapons development

SIGNATURE OF STAFF

SIGNATURE OF HEAD OF THE DEPARTMENT

LESSON PLAN							
EVEN SEM (2021 -2022)							
TITLE OF THESUBJECT:	EI8092	THERMAL POWER PLANT INSTRUMENTATION					
SEMESTER	VI		BRANCH	ICE		REGULATION	R-2017 AUC
NAME OF STAFF:	Dr. P.Thirumurugan	Assistant Professor /ICE					

COURSE OBJECTIVES:

- To make the students familiarize about various power generation methods.
- To identify various parameters in thermal power plant
- To impart knowledge about the different types of controls and control loops.
- To familiarize the student with the methods of monitoring different parameters like speed, vibration of turbines and their control.

Unit No	Topics	Teaching Method	No. of Periods	Cumulative Periods
	UNIT I – POWER GENERATION METHODS			
I	Brief Survey of methods of power generation	BB	1	1
	Hydro, thermal power plant	BB	2	3
	Nuclear, solar and wind Power plant	BB	2	5
	Importance of instrumentation in power generation	BB/PPT	1	6
	Thermal power plant	BB	1	7
	Building blocks	BB/PPT	1	8
	Details of boiler	BB	1	9
	Boiler processes P&I Diagram	BB	1	10
	Cogeneration	BB	1	11
	UNIT II - MEASUREMENTS IN POWER PLANTS			
: II	Electrical measurements: current, voltage, power	BB	1	12
	frequency, Power Factor	BB	2	14
	non electrical parameters: flow of feed water	BB	1	15
	fuel, air , steam pressure	BB/PPT	2	17
	steam temperature and smoke density measurement	BB	2	19
	Flue gas oxygen analyzer	BB	1	20
	pollution monitoring instruments	BB	1	21
	UNITIII - FURNACE CONTROL – I			
	Coal handling: Pulverizers	BB/PPT	1	22
	Furnace Draught: natural draught	BB/PPT	1	23
	forced draught	BB	1	24

III	induced draught, power requirements for draught systems, Combustion control: Fuel/Air ratio, combustion efficiency,	BB	4	28
	excess air, parallel and cross limited combustion control	BB	2	30
	soot-blowing operation.	BB	2	32
	UNIT IV – BOILER CONTROL			
IV	Boiler metal temperature measurement, pressure	BB	2	34
	Boiler feed water processing and control	BB	1	35
	drum level measurement methods	BB	1	36
	steam temperature control: main steam and reheat steam	BB/PPT	3	39
	distributed control system in power plants	BB	2	41
	interlocks in boiler operation	BB	2	43
	UNIT V - TURBINE CONTROL			
V	Speed measurement, rotor and casing movement	BB	3	46
	Vibration measurement	BB	2	48
	shell temperature monitoring and control	BB/PPT	2	50
	steam pressure control, lubricant oil temperature	BB/PPT	2	52
	cooling system	BB	2	54

BB –Black board teaching, PPT- Power point presentation

COURSE OUTCOME

1. Understanding various power generation process.
2. Identify important parameter to be monitored and controlled in thermal power plant.
3. Knowledge about various building blocks and instruments involved in thermal power plant and its controlling process.

TEXT BOOKS:

1. Sam Dukelow, Control of Boilers, Instrument Society of America, 1991.
2. Modern Power Station Practice, Vol.6, Instrumentation, Controls and Testing, Pergamon Press, Oxford, 1971.

REFERENCES:

1. Krishnaswamy KM, Bala P, Bala MP, "Power Plant Instrumentation," Prentice Hall, 2013
2. Elonka.S.M.and Kohal A.L., Standard Boiler Operations, McGraw-Hill, New Delhi, 1994.
3. Jain R.K., Mechanical and industrial Measurements, Khanna Publishers, New Delhi, 2008

Course Teacher
(Dr.P. Thirumurugan)

HoD/ICE
(Dr. S. M. Girirajkumar)

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Trichy - 620 012.

PROJECTOR USAGE LOG

3

Day order

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
1	22/8/22	EEE	EE8503	S.Ram Prasath	4:00	4.45	45 min	
2	23/8/22	EEE	EE8503	S.Ramprasath	10.05	10.55	50min	
3	22/8/22	EEE	EC8331	C. Pauline Ramalin	11.05	11:55	50min	
4	22/8	EEE	EE8703	Mr.C.Krishnakumar	11:55	12:45	50 min	
5.	23/8	EEE	EE3303	P. RAMESH BABU	3.15 (7th hour)	4.00	45 mi	
6	23/8	EEE	EE8017	S.VIJAYALAKSHMI	11.55	12.45	50 mi	
7	23/8	EEE	EE8701	R. VIJAY	01 25	2.15	1hr	
8	23/8	EEE	EI8075	P. RAMPRAKASH	2.15 2.55	3.00	45mi	
9.	24/8	EEE	EE3303	P. RAMESH BABU	1.45	2.15	1hr.	
10	24/8	EEE	EI8075	Dr. M. Marimuthu	10.05	10.55	50mi	
11	24/8	EEE	EE8551	Dr.M. Manikandan	2.15	3.05	50mi	
12	25/8	EEE	EI8075	P. Ram Prakash	9.15	10.05	50 mi	
13.	25/8	EEE	OMD551	N. GAYATHRI	4:00	4:45	45 mi	
14.	26/8	EEE	OMD551	N. GAYATHRI	11.55	12:45	50 mi	
15	25/8	EEE	EE8551	Dr. Manikandan	11.05	11.55	50 mi	
16	25/8	EEE	EE8551	Dr. M. Manikandan	8.15	9.05	50 mi	
17.	25/08	EEE	EE8701	DR. R. VIJAY	11.55	12.45	50 mins	
18	25/08	EEE	EE8017	S. VIJAYALAKSHMI	1.05	2.15	50mi	
19	26/8	EEE	EE8551	Dr. M. Manikandan	9.15	10.5	50mi	
20	26/8	EEE	OMD551	N. GAYATHRI	1:25	2:15	50 mi	
21.	27/8	EEE	OMD551	N. GAYATHRI	1:25	2:15	50 mi	
22	27/8	EEE	EE8701	R. Vijay	9.15	10.09	50 mi	
23	29/8	EEE	EE8701	R. Vijay	11.15	11.55	50 mi	
24	30/08	EEE	EI8075	P. Ram Prakash	3.15	4.00PM	45 mi	
25	01/09	EEE	EE8701	Dr. R. Vijay	11.55	12.40	45mi	

8
5

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Trichy - 620 012.

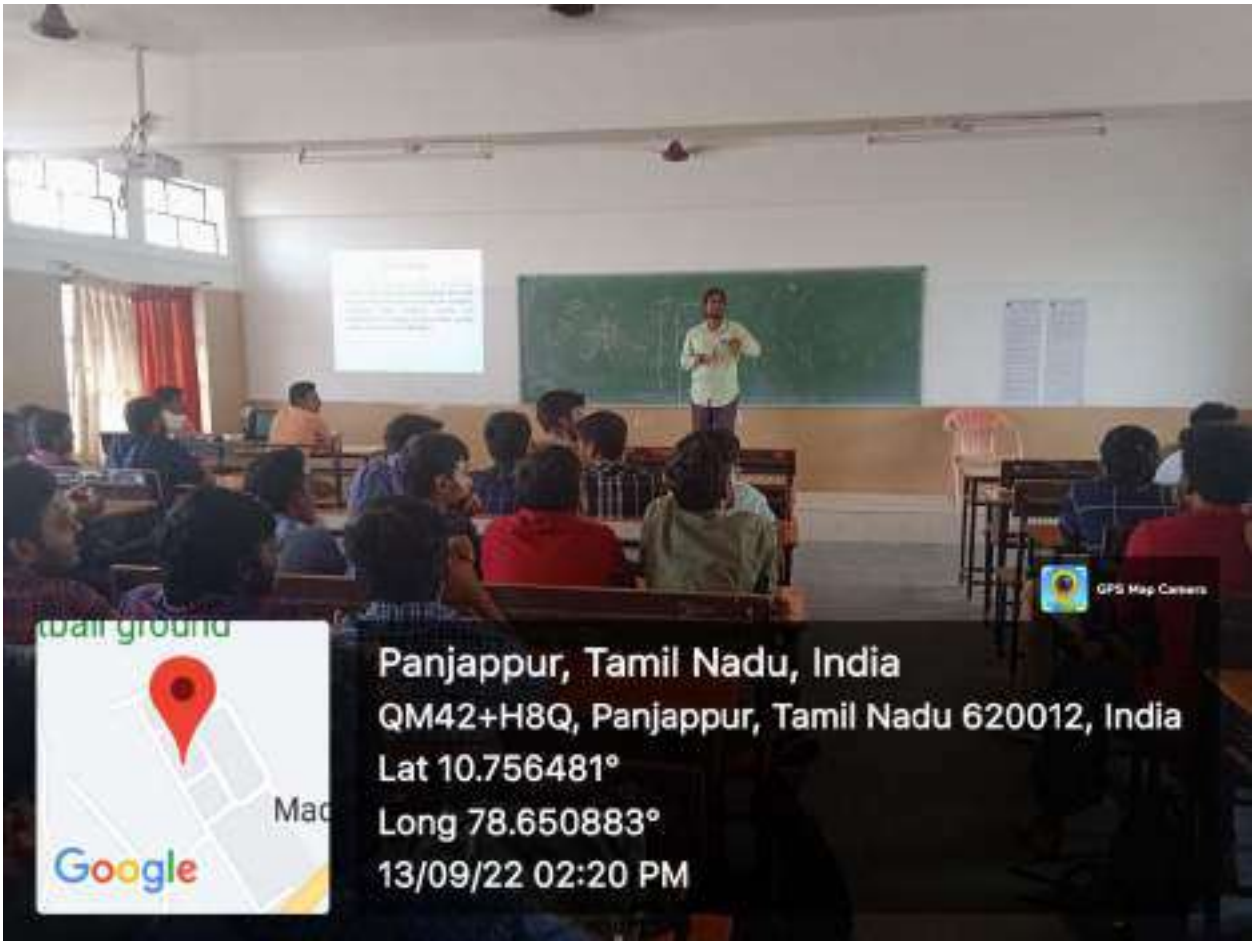
4

PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
26	2/9/22	EEE	EE8701-HVE	DR.R.VIJAY	12.05	1.15 pm	1.10 hrs	
27	3/9/22	EEE	EE8301-EMF	P. RAMESH BABU	3.00	4.45	1.45 min	
28	3/9/22	EEE	EE8701 HVE	R.VIJAY	10.10	10.45	35 min	
39	3/9/22	EEE	EE8017, HVDC	Dr.S.VIJAYA LAKSHMI	11.05	12.45	1.30	
40	3/9/22	EEE	EE8701-HVE	R.VIJAY	1.30	2.15	45	
41	5/9/22	EEE	EE3303-EMI	P.RAMESH BABU	2.15	3.00	1 hr	
42	6/9/22	EEE	EE8075-POLL	P.RAM PRABHAKAR	3.15	4.00	45 min	
43	6/9/22	EEE	EE8701-HVE	R.VIJAY	10.10	10.45	35 min	
					1.30	3.00	1.30 min	
44	7/9/22	EEE	EI8075/POLL	P.Ram Prakash	10.05	10.55	55 min	
45	7/9/22	EEE	EE3303	P.RAMESH BABU	1.25	2.15	50 min	
46	7/9/22	EEE	EE3303	P.RAMESH BABU	4 to	4.45	45 min	
41	7/9/22	EEE	EE8701	R.VIJAY	2.20	3.00	40 min	
42	9/9/22	EEE	EE3303	P.Ramesh babu	11.05am	12.00	55 min	
43	9/9/22	EEE	EE8701	R.VIJAY	9.25	10.35	1.45 min	
44	15/9/22	EEE	EE8703	S.Ramprasath	3.00pm	4.00pm	60 min	
45	16/9/22	EEE	EE8703	S.Ramprasath	11.05AM	12.00 AM	55min	
46	21/9/22	EEE	EI8075	P.Ram Prakash	10.05AM	10.55 AM	50 min	
47	22/9/22	EEE	EI8075	P.Ram Prakash	9.15 AM	10.05 AM	50 min	
48	24/9/22	EEE	EE8701	R.VIJAY	12.05	12.55	40 min	
49	24/09/22	EEE	EE8701	R.VIJAY	10.10	10.55	45 min	
50	26/09/22	EEE	EE8703	S.Ramprasath	4.00	4.45	45 min	
51	27/09/22	EEE	EE8701	R.VIJAY	10.10	10.55	45 min	
52	28/9/22	EEE	EI8075	P.Ram Prakash	10.05	10.55	50 min	
53	28/9/22	EE	EE3303	P.RAMESH BABU	1.25	2.15	50 min	

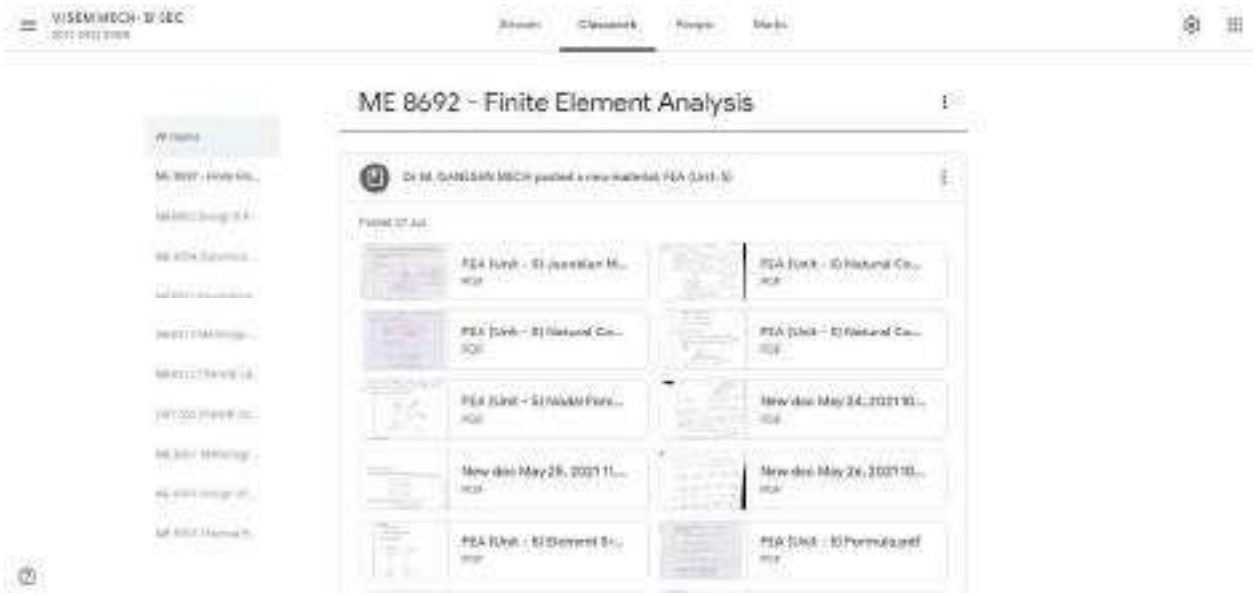
M.E Seminar hall usage

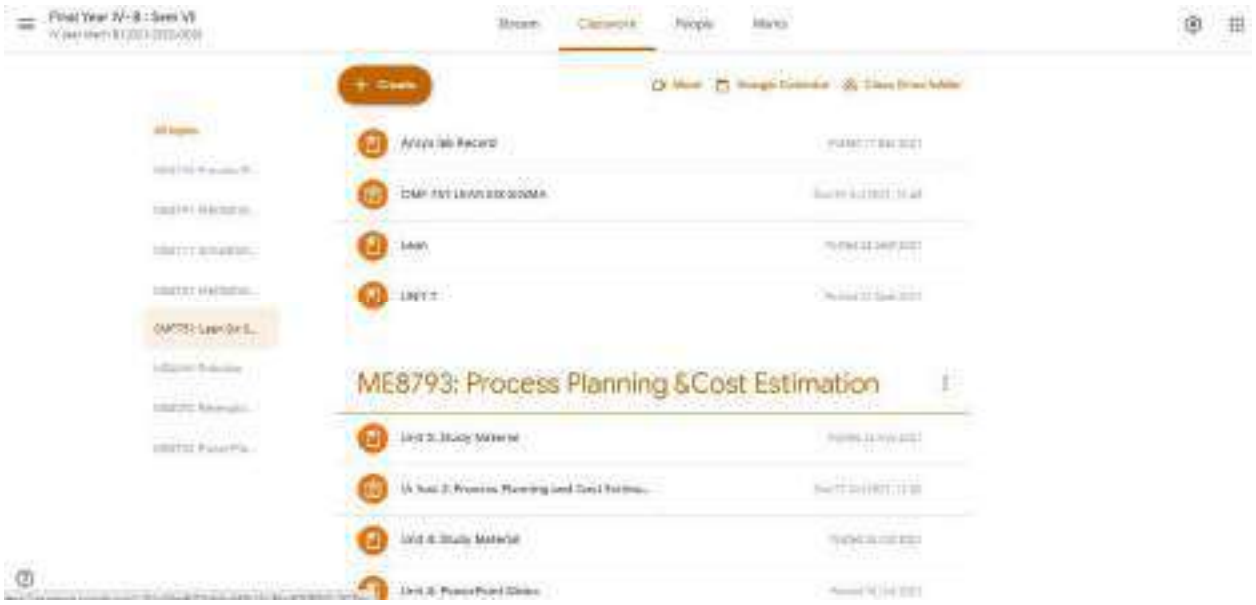
Smart Class usage



CAD LAB

Google Classroom



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Heat Transfer By Mahesh...
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COURSE LOG

Branch : CSE

Subject : CS8491 - COMPUTER ARCHITECTURE

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods PPT/e-resources etc
			Unit	Topics	
				UNIT - I	
16.3.22	1	5	1	Introduction to Computer Architecture & Functional units	BB
18.3.22	3	1	1	Basic Operational Concepts	BB
22.3.22	1	4	1	Performance	BB
23.3.22	2	1	1	Measurement, Improve Performance	PPT
28.3.22	4	3	1	Instructions: Language of the Computer	BB
1.4.22	3	1	1	Operands of the Computer	PPT
3.4.22	5	6	1	Instructions Representation	BB
6.4.22	1	5	1	Logical operations	PPT
8.4.22	3	1	1	Decision Making	PPT
8.4.22	1	3	1	MIPS Addressing	PPT
12.4.22	5	6	1	Arithmetic Operation	BB

COURSE LOG

Branch : CSE

Subject : CS8491 - Computer Architecture

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
12.4.22	5	6	1	Introduction to Arithmetic Operation	BB
13.4.22	1	2	2	Addition & Subtraction	PP
22.4.22	5	6	2	Addition & Subtraction in MIPS	PP
25.4.	1	5	2	Multiplication	BB
26.4	3	5	2	Division	BB
28.4	5	6	2	Restoring Division Algorithm	PPT
4.5	1	5	2	Booth Multiplication	PPT
6.5	3	1	2	Booth Multiplication	BB
9.5	5	6	2	Floating Point Operation	BB
10.5	1	5	2	Floating Point Addition	PPT
12.5	3	1	2	Floating Point Multiplication	PPT
12.5	3	2	2	Subword Parallelism	BB

COURSE LOG

Branch : CSE

Subject : CS8491 - Computer Architecture

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc
			Unit	Topics	
16.5	1	5	3	Building a Data Path	BB
18.5	3	1	3	Control implementation Scheme	BB
18.5	3	2	3	ALU Control Signals	PPT
20.5	5	6	3	Control implementation Scheme	PPT
23.5	1	5	3	Overview & Pipelining	BB
25.5	3	1	3	Hazards	PPT
27.5	5	4	3	Data Hazards	BB
27.5	5	6	3	Control & Structural Hazards	PPT
28.5	1	3	3	Data Hazards & Forwarding	PPT
28.5	1	5	3	Parallelism	

COURSE LOG

Branch : CSE

Subject : CS8491 - Computer Architecture

Date	Day Order	Period	Particulars of Portions Covered		Teaching Methods : PPT/e-resources etc.
			Unit	Topics	
25.5	1	5	4	Introduction to Parallelism	PPT
31.5	3	1	4	Flynn's Classification - SISD	PPT

CS8491	COMPUTER ARCHITECTURE	L	T	P	C
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OBJECTIVES:

- To learn the basic structure and operations of a computer.
- To learn the arithmetic and logic unit and implementation of fixed-point and floating point arithmetic unit.
- To learn the basics of pipelined execution.
- To understand parallelism and multi-core processors.
- To understand the memory hierarchies, cache memories and virtual memories.
- To learn the different ways of communication with I/O devices.

UNIT I BASIC STRUCTURE OF A COMPUTER SYSTEM 9

Functional Units – Basic Operational Concepts – Performance – Instructions: Language of the Computer – Operations, Operands – Instruction representation – Logical operations – decision making – MIPS Addressing.

UNIT II ARITHMETIC FOR COMPUTERS 9

Addition and Subtraction – Multiplication – Division – Floating Point Representation – Floating Point Operations – Subword Parallelism

UNIT III PROCESSOR AND CONTROL UNIT 9

A Basic MIPS implementation – Building a Datapath – Control Implementation Scheme – Pipelining – Pipelined datapath and control – Handling Data Hazards & Control Hazards – Exceptions.

UNIT IV PARALLELISIM 9

Parallel processing challenges – Flynn's classification – SISD, MIMD, SIMD, SPMD, and Vector Architectures - Hardware multithreading – Multi-core processors and other Shared Memory Multiprocessors - Introduction to Graphics Processing Units, Clusters, Warehouse Scale Computers and other Message-Passing Multiprocessors.

UNIT V MEMORY & I/O SYSTEMS 9

Memory Hierarchy - memory technologies – cache memory – measuring and improving cache performance – virtual memory, TLB's – Accessing I/O Devices – Interrupts – Direct Memory Access – Bus structure – Bus operation – Arbitration – Interface circuits - USB.

TOTAL : 45 PERIODS

OUTCOMES:

On Completion of the course, the students should be able to:

- Understand the basics structure of computers, operations and instructions.
- Design arithmetic and logic unit.
- Understand pipelined execution and design control unit.
- Understand parallel processing architectures.
- Understand the various memory systems and I/O communication.

TEXT BOOKS:

1. David A. Patterson and John L. Hennessy, Computer Organization and Design: The Hardware/Software Interface, Fifth Edition, Morgan Kaufmann / Elsevier, 2014.
2. Carl Hamacher, Zvonko Vranesic, Safwat Zaky and Naraig Manjikian, Computer Organization and Embedded Systems, Sixth Edition, Tata McGraw Hill, 2012.

LESSON PLAN

Unit – 1

Sno	Topic Name	Reference	Page Numbers	Teaching aid	No of Periods	Cumulative Periods	Teaching Outline for the Students
1	Introduction			BB	1	1	Scope, importance and application- Lecture &Discussion
2	Functional Units	T2	3-6	BB	1	2	Introduction to functional units of Computers
3	Basic Operation Concepts	T2	7-19	BB	1	3	Discussion on basic operational concepts
4	Performance	T2		BB	1	4	Lecture on Performance of computer System
5	Instructions: Language of the Computer-Operations, Operands	T1	60-72	BB	1	5	Introduction to instruction set
6	Instruction representation	T1	80-87	BB	1	6	Discussion on instruction representations
7	Logical operations	T1	87-90	PPT	1	7	Lecture on instructions used for performing logical operations
8	Decision making	T1	90-96	PPT	1	8	Lecture on decision making instructions.. Students willsolve problems
9	MIPS Addressing	T1	111-121	PPT	2	10	Introduction of MIPS addressing system used in computers. Students will solve problems

LEARNING OUTCOME At the end of unit, Students should be able to

- Discuss trends in Components of a digital computer system.
- Demonstrate an understanding of the Instructions in modern computer process.
- Understand about Logical operations, control operations in digital computer system.

Unit – 2

Sno	Topic Name	Reference	Page Numbers	Teaching aid	No of Periods	Cumulative Periods	Teaching Outline for the Students
10	Addition and Subtraction	T1	178-182	BB	2	12	Solve problems on Addition and Subtraction arithmetic operations
11	Multiplication	T1	183-189	BB	2	14	Solve problems on Multiplication arithmetic procedure
12	Division	T1	189-184	BB	2	16	Solve problems on Division operation procedure
13	Floating Point Representation	T1	196-202	PPT	1	17	Discussion on representation of real numbers
14	Floating Point Operations Sub word Parallelism	T1	203-222	PPT	2	19	Lecture on the procedures used to perform various floating point operations in Computer systems

LEARNING OUTCOME At the end of unit, Students should be able to

1. To learn and apply the operations of Addition, subtraction, Multiplication, and Division in modern computer.
2. To learn about floating points operations (add, sub, mul, Div)

Unit – 3

Sno	Topic Name	Reference	Page Numbers	Teaching aid	No of Periods	Cumulative Periods	Teaching Outline for the Students
15	A Basic MIPS implementation	T1	244-248	BB	1	20	Video on MIPS Processor implementation
16	Building a Data path	T1	251-259	BB	1	21	Demonstration on building a data path
17	Control Implementation Scheme	T1	259-272	PPT	2	23	Discussion on control implementation scheme
18	Pipelining	T1	272-286	PPT	1	24	Introduction to pipelining concepts
19	Pipelined data path and control	T1	286-303	BB	2	26	Lecture on Pipelined data path &control
20	Handling Data Hazards	T1	303-325	BB	1	27	Discussion on data hazards
21	Control Hazards	T1	325-332	BB	1	28	Discussion on Control Hazards
22	Exceptions	T1	332-333	BB	1	29	Discussion on Exceptions

LEARNING OUTCOME At the end of unit, Students should be able to

- To learn and apply the operations of MIPS Implementation and control schema implementation.
- To learn about pipeline Hazards and Graphics Processing Units.

Unit – 4

Sno	Topic Name	Reference	Page Numbers	Teaching aid	No of Periods	Cumulative Periods	Teaching Outline for the Students
23	Parallel processing challenges	T1	502-504	BB	1	30	Discussion on the various challenges in parallel processing
24	Flynn's classification SISD, MIMD, SIMD, SPMD, and Vector Architectures	T1	504-515	PPT	2	32	Introduction to Flynn's classification and various parallel processor architectures.
25	Hardware multithreading	T1	516-519	PPT	1	33	Discussion on Hardware multithreading
26	Multi-core processors and other Shared Memory Multiprocessors	T1	519-523	BB	1	34	Lecture on multi-core processors
27	Introduction to Graphics Processing Units	T1	523-531	BB	2	36	Introduction to graphics processing units

28	Clusters, Warehouse Scale Computers	T1	531-536	PPT	1	37	Lecture on clusters Scale Computers
29	Message-Passing Multiprocessors	T1	531-536	PPT	1	38	Lecture on message-passing Microprocessors

LEARNING OUTCOME At the end of unit, Students should be able to

- Able to understand Concept of Speculation, Static Multiple Issues.
- Students are able to understand the Hardware multithreading concepts

Unit – 5

Sno	Topic Name	Reference	Page Numbers	Teaching aid	No of Periods	Cumulative Periods	Teaching Outline for the Students
30	Memory Hierarchy & Memory Technologies	T2	288-289	BB	1	39	Lecture on Memory hierarchy and Discussion on various memory technologies
31	Cache memory	T2	289-300	BB	1	40	Introduction to the concepts of Cache Memory
32	Measuring and improving cache performance	T2	300-305	BB	1	41	Solve problems on measures for improving cache performance
33	Virtual memory, TLBs	T2	305-310	PPT	1	42	Discussion on virtual memory and TLB
34	AccessingI/O Devices	T2	96-103	BB	1	43	Discussion on accessing methods of I/O Devices
35	Interrupts	T2	103-119	BB	1	44	Lecture on interrupts
36	Direct Memory Access	T2	285-287	BB	1	45	Lecture on DMA
37	Bus structure-Bus operation	T2	228-237	PPT	1	46	Discussion on Bus structure
38	Arbitration -Interface circuits	T2	237-238	BB	1	47	Lecture on Arbitration & Interface Circuits
39	USB	T2	238-239	PPT	1	48	Lecture on USB
Content Beyond the Syllabus							
40	Instruction level parallelism			BB	1	49	Lecture on Instruction level parallelism

Internal Assessment:

Internal Assessment no	Portion Coverage
1	1-40 %
2	41 – 70%
3	71 – 100%

CSE seminar hall Booking

(write class/section/subject code/staff)

Date/day order	1 9:15- 10:15	2 10:15- 11:15	3 11:30 - 12:30	4 1:15 - 2:15	5 2:15 - 3:15	6 3:30- 4:30
IV 7/5	CS8602 III CSE B	~~CS8601 III CSE A~~ III CSE-B	CS8603 III CSE A	CS8691 III CSE A	CS8602 III CSE A	~~CS8494~~ II-B
V 9/5	CS 8603 III CSE A	CSE-A V+ CS8601	CS8494 II CSE-E	~~CS8493~~ II CSE A (OS)	CS8493 II CSE-A (OS)	CS8491 II CSE B
13/5/2022 IV		CS8691 III - B	CS8811	Project	Review	
I 10/5	CS8691 III - B	CS8493 II - A OS	CS8602 III - A	CS8602 III CSE B	~~CS8491~~ II CSE D	~~CS8494~~ II CSE B Many
II 11/5		CS8602 III - A	II CSE 'A' slw CS8494	II 'A' CS8491	CS8601 III B	CS8601 III - A
III 12/5	~~CS8491~~ II CSE B	CS 8494 II - B	~~CS8601~~ III B	CS8691 III - B	CS8491 II A	~~CS8492~~ II A
IV 13/5/22		CS8691 III - B	~~CS8603~~ III CSE B	~~Project Review~~ CS8493 OS	CS8602 III - A ~~III CSE A~~	
V 16/5/22	CS8603 III B	CS8691 III - B	II CSE - 'A' slw Eng. CS8494	I CSE. GA	II CSE A CS8493 J. Sathya	~~CS8491~~ II CSE B
I 16/5/22	I CSE PH 3201	C S8602 III CSE A Ramkumar	CS8602 III - A	CS8602 III CSE B	CS8491 II - CSE B	CS 8492 II CSE - B Hema R.
II 17/5/22		CS8603 III - A DB	CS8494 II CSE - A slw	CS 8493 II CSE A	OS CS8601 III CSE B	
III 18/5/22	~~CS8491~~ II - CSE B	CS8602 III CSE-B	CS8601 III CSE B	~~CS8603~~ III A	CS8493 II CSE A	CS8492 II - B

CSE seminar hall Booking

(write class/section/subject code/staff)

Date/day order	1 9:15- 10:15	2 10:15- 11:15	3 11:30 - 12:30	4 1:15 - 2:15	5 2:15 - 3:15	6 3:30- 4:30
1/4/2022	CS8602 III CSE B CD	CS8602 III CSE A CD	CS8602 III CSE A CD	CS8602 III CSE B CD	CS8491 II CSE B A1B	
7/4/2022 II	CS8691 III-CSE A AI	CS8602 III CSE A CD	CS8601 III CS A M1 (V.S)	II CSE A CS8493 JSP	CS8491 II CSE B	
8/4/2022 III	CS8491 II CSE B A1B	CS8602 III CSE B CD	CS8491 II CSE B A1B	CS8691 III-CSE B AI		
11/4 IV		CS8492 DBMS II-D	CS8603 DS	CS8691 AI III-CSE A	CS8602 CD RSS	CS8601 (MC) V.S
12/4 V	CS8492 DBMS II-D	CS8691 AI III-B	CS8691 AI III CSE A	CS8491 II-A CA		CS8491 A1-B II-B
13/4 I	CS8691 AI III CSE-B	CS8491 II-A CA	CS8602 CD III-A	CS8491 II-B A1-B		
14/4 II					CS8603 DS	CS8603 DS III A
15/4 III		III CSE B CS8602		CS8603 DS III A		
16/4 IV	III CSE B CS8602		CS8603 DS III A			
18/4 II		Seminar Senthamil Mam.	CS8601 (V.S) III CS A	CS8493 OS III A&B D.	Mobile computing III CSE B	
19/4 III		III CSE B CS8602				

CSE seminar hall Booking
(write class/section/subject code/staff)

Date/day order	1 9:15- 10:15	2 10:15- 11:15	3 11:30 - 12:30	4 1:15 - 2:15	5 2:15 - 3:15	6 3:30- 4:30
20/4 III				CS8691 III-B	~~CS8602 III-A~~ CS8491 II CSE ★	V.S CS8601 III A
21/4 IV		CS8601 V.S III CSA'	CS8603 III CSE A	CS8691 III-CSE A AI	CS8602 III-A	CS8603 III CSE A
22/4 V	~~CS8602~~ ~~III CSE A~~	CS8691 III-B	CS8603 III CSE A	CS8491 II CSE A	CS8491 II CSE A Sathya Parkavi Mam	CS8603 CS8491 A.T.B II CSE A II-B
23/4 I		CS8491 II CSE A	CS8602 III-A	CS8602 III-CSE B	CS8491 II-B A.T.B	CS8492 II-CSE B
25/4 II		CS8602 III-A	CS8601 III CSE-A (V.S)		CS8601 III 'B'	
26/4/22 III	CS8491 II-B	CS8602 III-B	CS8601 III B	CS8691 III-B	CS8491 II CSE A	II CSE A Mohana mam
27/4/22 IV	CS8602 III CSE B.	CS8601 III B	CS8603 III CSE A	CS8691 III CSE B	GS3251 Ist Year Gomathi	CS8601 III CS A V.S &
28/4/22 V	CS8603 III CSE A.	CS8691 III CSE B	CS8601 ~~[illegible]~~ III CSE A V.S &	CS8491 II CSE A		CS8491 II-B
I 4/5	CS8691 III CSE-B	~~CS8491~~ ~~II CSE A~~	CS8602 III CSE A	CS8602 III CSE B	CS8491 II CSE B	
II 5/5		CS8602 III CSE A	CS8494 II CSE-A APB A	II 'B'	III CSE B CS8601	
III 6/5	CS8491 II CSE B	CS8602 III CSE B	~~[illegible]~~	CS8603 III CSE A.	CS8491 II CSE A	IP III-CSE-[illegible]

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Trichy - 620 012.

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PROJECTOR USAGE LOG

Sl. No.	Date	Dept	Subject	Faculty Name	Projector ON time	Projector OFF time	Projector Usage Hours	Faculty Signature
	24/2/22	AIDS	CE3151 - AIDS	P.R. Arun Prasad	9:15 am	10.15 am	1hr	
	23/02	CSE	CE3151	R. Hariharasudhan	1:15	2:15	1 hr	
	24/2/22	AIDS	CE3151 - AIDS	P.R. Arun Prasad	3.15 pm	4.15 pm	1hr	
	1/3/22	AIDS	CE3151 - AIDS	P.R. Arun Prasad	3.15 pm	4.30 pm	1hr 15m	
	2/3/22	AIDS	CE3151-AIDS	P.R. Arun Prasad	9.15 am	10.15 am	1hr	
	2/3/22	BSc	CE3151	S. Venkat	3.30	4:30 pm	1 hr	
	24/3/22	CSE	CS8494 - S/W	P.R. Arun Prasad	11.30 am	12.30 pm	1hr	
	24/3/22	CSE	CS8493 - OS	J. Sathya	1.15 pm	2.15 pm	1 hr	
	25/3/22	CSE	CS8691 - AI	A. Banumathi	9.15 am	10.15 am	1 hr	
	28/3/22	II	DBMS	S. Muthulakshmi	9.15 am	10.15 am	1hr	
	28/3/22	CSE	CS8602 - CD	R. Senthamil Selvi	[illegible]	3.15 pm	1hr	
	30/3/22	CSE	CS8603 - DS	T. Sathish Kumar	11:30	12:30	1hr	
	31/3/22	CSE	CS8603 - DS	T. Sathish Kumar	1.15	2.15	1hr	
	01/4/22	CSE	CS8603 - DS	N. Lakshmi Kanth	1.15	2.15	1hr	
	04/04/22	II	II	II	11.30	12.30	1hr	
	05/04/22	II	II	II	9.15	10.15	1hr	
	05/04/22	CSE	CS8603 - DS	T. SATHISH Kumar	11.30	12.30	1hr	
	29/3/22	CSE	CS8493 - OS	J. Sathiya Parkavi	2.15 pm	3.15 pm	1 hr	
	30/3/22	CSE	CS8691 - AI	P. DINESH KUMAR	Lower Pm	11-15 pm	1hr	
	31/3/22	CSE	CS8493 - OS	J. Sathiya Parkavi	1.15 pm	2.15 pm	1hr	
	5/4/22	CSE	CS8493 - OS	J. Sathiya Parkavi	2.15 pm	3.15 pm	1 hr	
	6/4/22	CSE	CS8493	J. Sathiya Parkavi	1.15 pm	2.15 pm	1 hr	
	12/4/22	CSE	CS8691	N. Lakshmi Kanth	10.15 AM	11.15 AM	1 hr	
	13/4/22	CSE	"	Dr. N. Lakshmi Kanth	9.15 AM	10.15 AM	1 hr	
	21/4/22	CSE	CS8691	P. DINESH KUMAR	2.15 pm	3.15 pm	1 hr	