ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY



(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai) ANGUCHETTYPALAYAM, PANRUTI – 607 106.

LESSON PLAN, ATTENDANCE & ASSESSMENT RECORD FOR THEORY COURSE

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St. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY

(A Unit of the Sisters of St. Anne, Trichy)
(Approved by AICTE, New Delhi, Affilliated to Anna University, Chennai)
(ISO 9001: 2015 Certified Institution)
ANGUCHETTYPALAYAM, PANRUTI - 607 106.



ATTENDANCE AND ASSESSMENT RECORD

Name of the Staff

. S. RAJARAJAN.

Department of the Staff

COMPUTER SCIENCE & ENCHMEERING

Semester/ Subject

CHEBOTH - PROFESSIONAL

Period

EVEN SEM / 2021-2022



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

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PROFESSIONAL ETHICS IN ENGINEERING

LTPC

3003

OBJECTIVES:

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

UNIT I HUMAN VALUES

10

Morals, values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others – Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time – Cooperation – Commitment – Empathy – Self confidence – Character – Spirituality – Introduction to Yoga and meditation for professional excellence and stress management.

UNIT II ENGINEERING ETHICS

9

Senses of 'Engineering Ethics' – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Kohlberg's theory – Gilligan's theory – Consensus and Controversy – Models of professional roles - Theories about right action – Self-interest – Customs and Religion – Uses of Ethical Theories.

UNIT III ENGINEERING AS SOCIAL EXPERIMENTATION

9

Engineering as Experimentation – Engineers as responsible Experimenters – Codes of Ethics – A Balanced Outlook on Law.

UNIT IV SAFETY, RESPONSIBILITIES AND RIGHTS

9

Safety and Risk – Assessment of Safety and Risk – Risk Benefit Analysis and Reducing Risk - Respect for Authority – Collective Bargaining – Confidentiality – Conflicts of Interest – Occupational Crime – Professional Rights – Employee Rights – Intellectual Property Rights (IPR) – Discrimination.

UNIT V GLOBAL ISSUES

8

Multinational Corporations – Environmental Ethics – Computer Ethics – Weapons Development – Engineers as Managers – Consulting Engineers – Engineers as Expert Witnesses and Advisors – Moral Leadership – Code of Conduct – Corporate Social Responsibility.

TOTAL: 45 PERIODS

TEXT BOOKS:

- 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.

Name of the Staff	3.KAJAKAJAN
Department of the Staff	COMPUTER SCIENCE AND ENVINEERING
Department of the Stude	ont COMPLIER SCIENCE AND ENWINEERING
Semester	. 08
Subject Code & Name	. CHE 8076 - PROFESSIONAL ETHICS IN ENCHO
Period Fron	1 : MARCH 2022 to JUNE 2022

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To be Signed at the end of the each Assessment

Assessment Report	CIA-I	CIA-II	CIA-M
Assessment Date	25.04.2022	18.05.2022	06.06.2022
Report Due on	26.04.2022	19.05-2022	07.06.2022
Sign of HOD with Date	\$\$ 75/22	28	\$ 2/6/22

To be Signed at the end of the Semester

Staff in - charge	HOD of Staff	HOD of Students	Principal
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15	016	SANDHIYA. R
16	018	SENTHAMIZ
17	019	SHANUTESH . E
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19	021	SURIYA PRAK
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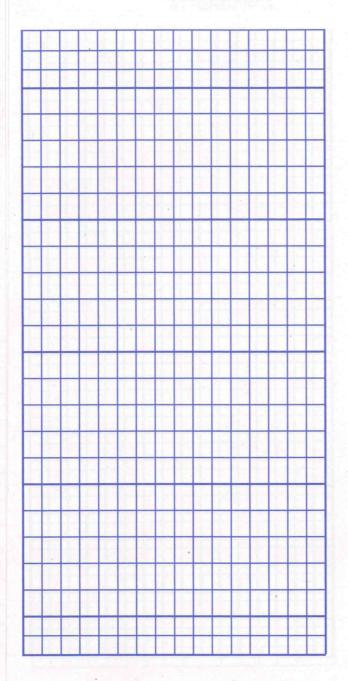
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SI Reg. Name No. No. 024 VIMALA ROSHI 21 22 301 RAVINDIRAN 23 302 SIVAPRADIASA No. of Absentees

Initial

ATTENDANCE



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Fig.	Class PI	anned	711 - Assignment	best A
SI. No.		Period	Topic Name UNIT - I	Book Referred
COUR	BE OUT 40	MB : CE	2 HUMAN VALUES	
	28.3.22		Introduction to Professional	141
			Ethics - Morals, Values.	T.I
			and Ethics	
2-	28.3.22	3	Integrity - Work Ethic	Tel
3.	29-3-22	T	Service levening - Civic	
			Virtue-Respect for others	TI
A.	29.3.22	3	Living Peacefully - Caring -	
			Sharing - Honesty	TI
5.	30.3.22	T	Courage - Valuing Time -	
			Cooperation	TI
6.	30.3.22		Commitment - Empathy	TI
7.	4.4.22	2	Solf Confidence. Character	TI
8.	4.4.22	3	Sportuality - Introduction	
			to yoga and meditation	
9.	5.4.22	4	for professional excellence	TI
			and stress Management	

CLASS WORK
Y-Video Lecture A- Animation. RXI. Référence Books M. Model & Deuro.

Class Co	nducted	bund	(9 k)	42	
Date	Period	Reason for Deviation	BT	TA	Staff Sign
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28.3.22	2	mont la tor-R P	K2	PPT	-
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	Class Pl	anned	ss Conducted	19.
SI. No.	Date	Period	Topic Name	Book Referred
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	5-4-22		8 enses of Engineving Ethnies	TI
1/	6.4.22		variety of Moral Essues	761
	6.4.22			
	994/4		Types of Inquivy. Moral	TI
Sp.	11.4.22	2	Moral Sectionomy.	R-P.2
411			Kohlbergs Theory	TI
5.	11.4.22	3	Orillians Theory	71
6-	12-4.22	T	consensus and	TI
ni I			Controversary	Will all
7.	12-4.22	3	Models of professional	9-68
17.1	Trip (13		roles - Theories about	TI
4-1	Terret		slight action	Be L
8.	13-4.22	T	Self- Intorest	71
9.	13-4.22	1	Customs and Religion,	
	From 6.4		Uses of Ethical Theories	友
	7 ()			

CLASS WORK

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5-4-22	3	T.3 Litetaniman of E.T.	K2	PPT	le le
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6.4.22	1	ministral himborita	KI	PPT	-
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3.	25.4.22	2,3		
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5.	27.4.22	TI	A Bolanced Cutlook on Law.	T.
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COURSE	OUTCOME	: GOAL	UNIT- IV	12.45
1/			SAFETY RESPONSIBILITIES AND	
			RIGHTS	
1.	2.5.22	7,1	Sofety and Risk	721
2.	9.5.22	2,3	Assessment of Sofety and	
8	mys b		Hisk , Risk Benefit Analyses	Ti
3.	4.5.22	T, 1	Reducing Risk - Respect for	Ţ,
			Authority Collective Briga	nine.
21	9.5.22	T, 3	Confidentiality - Conflicts of	
			Interest - Occupational Course	T/

Class Conducted					Chaff	
Date	Period	Reason for Deviation	BT	TA	Staff Sign	
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COURS	oution	E: C05	UNIT- I	4.82
			CHLOBAL ISSUES	
1.	11.5.22	T, 1	Globelization Essues,	7,2
-11	IMS A	L THE	Multimational Corporation	aLlts!
2	16.5.22	2,3	Frivonmental Ethics	72
7			Everpors Development	
3.	17.5.22	T13	Engineves as Managers.	T 2
-	M-HW		Consulting Engineers	
Lp.	23.5.22	2,3	Engineers as Expect	
		175,47	juttinas and solvesore-	T2
A.		by the	Moral Leadership	1 -
5.	24.5.22	7,3	Code of Conduct.	-Aret
1			Corporate Social Repossibility	7,2
	79 9			2.4
A	Total Co.	X	SYLLABUS CONVCETED -	->

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9.5-22	T, 3	U - Pension Pla	K2	PPT	æ	
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10.5.22	T, 3	F. E. Danisian Class	K2	PPT	-	
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11.5.22	7,1		KH	PPT	+	
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24.5.22	T13		K3	PPT	96	
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	Class Planned			Class	
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1.	25.5.22	7,1	Revision Class - 8	8.0	
2.	30.5-22	Y13	Revision class - &		
3.	31.5.22	T,3	Revision Class - bu.	2 - 01	
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5.	7.6.22	3	Revision Class - 8		
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Thursday				(Line			1 2	Ast
Friday								

Unit Completion Details

Unit No.	Unit Description	Start Date	Finish Date	No. of Hours
1	HUMAN VALUES	28-3.22	5.4.22	9
2	ENUINEERING ETHICS	5-4.22	12,4.22	9
3	ENUTINEERING AS SOCIAL EXPERIMENT ATION	19.4.22	27.4.22	w
4	BAFETY, RESPONSIBILITIES AND RICHARD	2.5.22	10.5.22	12
5	CHOBAL DSSUES	11.5.22	24.5.22	ш

Subject In-Charge



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

ANGUCHETTYPALAYAM, PANRUTI – 607 106. ANGUCHETTYPALAYAM, PANRUTI - 607 106.

Course Outcome:

CO No	Course Outcome	Knowledge Level
CO 1	As a student they must know the concept and importance of engineering ethics.	К2
CO 2	Aware about the overall ethical aspects of engineering.	K2
CO 3	Able to apply the ethics in engineering.	К3
CO 4	Insight the responsibilities in the society.	К3
CO 5	Realize the engineering ethical issues at global level.	K4
CO 6	Prepare themselves as the good engineer.	K5

CO - PO Mapping

		Co	ourse Outcome		
Program Outcome	CO 1	CO 2	CO 3	CO 4	CO 5
PO 1	-	-	-	• 1	-
PO 2	-	-	-	• -	-
PO 3	-	-	-	-	-
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PO 5	-	-	-		-
PO 6	3	3	3	3	3
PO 7	2	3	3	3	3
PO 8	3	3	3	3	3
PO 9	1	3	2	3	2
PO 10	2	1	1	1	1
PO 11	-	:=	-	-	-
PO 12	3	3	2	3	2

Regulation 2017: 1 - Reasonable,

2 - Significant,

3 - Strong

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY



(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai) ANGUCHETTYPALAYAM, PANRUTI – 607 106.

LAB PLAN, ATTENDANCE & ASSESSMENT RECORD FOR PRACTICAL COURSE

ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY

ANGUCHETTYPALAYAM, SIRUVATHUR POST PANRUTI - 607 110, Cuddalore District.



ATTENDANCE AND ASSESSMENT RECORD

Name of the Staff with designation : V.VEN KATESAN AP
Department of the Staff : ECE
Sem/ Subject 143. II / ANALOGI AND DIGITAL CIRCUIS LAB
Academic year : 2019 - 2020

EC8361 ANALOG AND	DIGITAL	CIRCUITS	LABORATORY
ORIECTIVES.			

LTPC0042

The student should be made to:

- ☐ Study the Frequency response of CE, CB and CC Amplifier
- ☐ Learn the frequency response of CS Amplifiers
- ☐ Study the Transfer characteristics of differential amplifier
- ☐ Perform experiment to obtain the bandwidth of single stage and multistage amplifiers
- ☐ Perform SPICE simulation of Electronic Circuits
- ☐ Design and implement the Combinational and sequential logic circuits.

LIST OF ANALOG EXPERIMENTS:

- 1. Design of Regulated Power supplies
- 2. Frequency Response of CE, CB, CC and CS amplifiers
- 3. Darlington Amplifier
- 4. Differential Amplifiers Transfer characteristics, CMRR Measurement
- 5. Cascode and Cascade amplifiers
- 6. Determination of bandwidth of single stage and multistage amplifiers
- 7. Analysis of BJT with Fixed bias and Voltage divider bias using Spice
- Analysis of FET, MOSFET with fixed bias, self-bias and voltage divider bias using simulation software like Spice
- 9. Analysis of Cascode and Cascade amplifiers using Spice
- 10. Analysis of Frequency Response of BJT and FET using Spice.

LIST OF DIGITAL EXPERIMENTS

- 1. Design and implementation of code converters using logic gates
- (i) BCD to excess-3 code and vice versa (ii) Binary to gray and vice-versa
- 2. Design and implementation of 4 bit binary Adder/ Subtractor and BCD adder using IC 7483
- 3. Design and implementation of Multiplexer and De-multiplexer using logic gates
- 4. Design and implementation of encoder and decoder using logic gates
- 5. Construction and verification of 4 bit ripple counter and Mod-10 / Mod-12 Ripple counters
- 6. Design and implementation of 3-bit synchronous up/down counter.

TOTAL: 60 PERIODS

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Name of the Staff	VV	EN.KAI.	ESAN				
Department of the St	taff	ECE	,				
Department of the St	tudent	ECE					
Semester From					to octobe	R 2019	
Class & Branch				bject	Code / Course Na	ime	
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012 RAMYA.V

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014 SANDAIYA K 015 SARANYA S

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No. of Absentees / Init

KIRVTIKA.P

MANJU-R

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5	005	MANJU-R
6	006	NITHYAE
7	700	PARAMESWAY
8	800	PAZHANIAMI
9	009	PREETHIR
10	010	RADHIKA R
11_	012.	RAMYA.V
12	03	RAVICHANDIR
13	410	SANDAIYA K
14	015	SARANYA S
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16	7/0	SEBTHALARSI
17	018	SELVA PRAVE
18	020	SINERA R
19	021	SIVASARTHI
20	022	SRIMATHI S
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No.

422118

Name

VIJAYALAKSHMI K.

LI KRISHNADHARSHINIS

12 DELISIYA . D.

LS KAUITHA-R

No. of Absentees / Initial

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RECORD OF CLASS WORK

SEM & BRANCH

SI. No.	Date	Period	Topics Covered	Initials
	1-7-2019	4-7	Design of Regulated Power Supplies	V.W.
2	8-7-2019	<u></u> <u></u> <u> </u>	Francis Response of CE, CB,	Vht
3.	22-7-2019	4-7	Darlaigton Amplifrei Differential Amplifreis - Transfurchas	
	29-7-2019		Cascode, Cascade Ample pris	What
5	19-8-2019	4-7	Deturnation Bu of single stage of	What
6	24-8-19	4-7	multistage suplifier drulysis of Bot with Fined Beis & Vollage divide beas using spice	Vht
7	26.8-19	4-7	Analysis of FET, MOSFET with Fixed Bies. Self bear, Voltage directer bras an Spin	
8	31.8.19	7-3	Analysis of ascode, Casleede Amplifier	Vihst
4	31-8-19	4-7	Analysis of frey Response of B55 I FET using Spice	V-hot
10	al-9.19	4-7	Design & simplementation of lode Country	VhA

RECORD OF CLASS WORK

SEM & BRANCH

NAME AND ADDRESS OF THE OWNER, WHEN				
SI. No.	Date	Period	Topics Covered	Initials
14	9,9,19	4-7	Design & miplementation of 4 bit Briany Addul Sub and BCD	Vihl
12	121.9.19	4-7	Design & miplementation of MUX &	vind
13	\$.9.19	4~7	DEMUX assing logic gates Disign of him plementation of Freeder Decoder	VW
4	23-9-19	4-7	Construction of verbiculieri of	Viht
15	23-9-19	H-7	Design & implementation of 3-bit Synchronous up/down County	Vint
16	13-10-19	h-7	Repeatation of Cascade, Cascade	Se P
17.	17:10:19	4-7	Devision for model lab	Vrd
18	18-10-19	T-3	model lab Conductie	Vhat

ACTUAL

					EXPI	ERIMEN'	Γ (CYCL)	E-I)			
S.NO	NAME	E1	E2	E3	E 4	E5	E6	E7	E8	Е9	E10
1_	Abinesh M	1-7-2019	8-7-2019	22=7-2019	29-7-19	19.8.19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
2	Kamali B	1-7-2019	8-7-2019	227-2019	29.7.19	19-8-19	~			-	
3	Kaveri K	1-7-2019	3-7-2019	22-7-2019	29.7.19.	19.8-10	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
4	Kiruthika P		-	-		-		-		- T- 1	
5	Manju R	1-7-2019	8-7-2019	22-7-2019	29.7.19	9.8.19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
6	Nithya E	1-7-2019	8-7-2019	22-7-2019	29,7.19	19.8.19	24.8.19	26 8 19		31/8/19	7/9/19
7	Parameswari G	1-7-2019	22-7-2018	22-7-2019	29.7.19	19.8.19	24.8.19	26/8/19	31/8/17	31/8/19	7/9/19
8	Pazhaniammal S	1-7-2019	8-7-2019	22-7-2019	29.7.19	-					
9	Preethi R	1-7-2019	8-7-2019	22-7-2019	29.7.79	24 18 19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
10	Radhika R	1-7-2019	8-7-2019	22-7-2019	29.7.19	24 . 8 . 17	24.8.17	26/8/19	31/8/19	31/8/19	7/9/19
11	Ramya V	1-7-2017	8-7-2019	22-7-2019	19-8.19	19.8.19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
12	Ravichandiran P	1-7-2019	22-7-2019	22-7-2019	19.8.79	19.8.19	24.8.19	26/8/19	31/8/17	31/8/19	7/9/19
13	Sandhiya R	1-7-2019	8-7-2019	22-7-2019	29.7.19	19.8.19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
14	Saranya S	8-07-2019	8-7-2019	22-7-2019	29.7.19	19.8.19	24.8.19	26 8 19	31/8/19	31/8/19	7/9/19
15	Sathiyavathi R	1-7-2019	22-7-201	9 22-7-2019	-		-		-	-	
16	Seethalakshmi G	1-7-2019	22-7-20	22-7-2019	29.7.19	19.8.19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
17	Selva Praveena S	1-7-2019	8-7-299	22-7-2019	19-8-19	19.8.19	24.8.19	31 108)19	31-08-17	31/8/19	7/9/19
18	Sineka R	1-7-2019	8-7-2019	22-7-2019	29.7.19	19.8.19	24.8.19	26/8/19	31/8/19	31/8/19.	7/9/19
19	Sivasakthi P	1-7-2019	2-7-2019	27-7-2019	29.7.19	19.8.19	24-8-19	26/8/19	31/8/17	31/8/19	7/9/19
20	Srimathi S	8-7-2019	8-7-2014	22-7-2019	29,7,19	19.8.19	24.8.19	31/08/19	31/8/17	31/8/17	7/7/19
21	Vijayalakshmi K	1-7-2019	8-7-2019	22-7-2019	29.7.17	19.8.19	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19
22	Delisiya D	2-7-2019	8-7-2019	22-7-2019	29.7.19	19.8.19	24.8.19	26/8/19	31/8/17	31/8/19	7/9/19
23	Kavitha K	22-7-2019		22-7-201			24.8.19	26/8/19		31/8/19	7/9/19
24	Krishna Dharshini S	22-7-2019	72-7-2010	7 22-7-2019	29.7.19	19.8-14	24.8.19	26/8/19	31/8/19	31/8/19	7/9/19.

V. Vm ker Foring PREPARED BY VERIFIED BY

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ACTUAL

		R THE T			EXPE	RIMENT	(CYCLE	Z-II)			
S.NO	NAME	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10
1	Abinesh M	9/9/19	1419/19	23/9/19	13/19/19	13/10/19	13/10/19		,		
2	Kamali B	919119	-	-	_		_				
3	Kaveri K	919119	14/9/19	23/9/17	23/9/19	13/19/19	13/2/19			180	
4	Kiruthika P	9/2/12-	_	_	_		-		<u>64</u>		
5	Manju R	919/19			23/9/19						
6	Nithya E	9/9/19	14/9/19	23/9/19	23/9/19	13/10/19	13/10/19				
7	Parameswari G	9/9/19	14/9/19			13/10/19	13/10/19				
8	Pazhaniammal S		-	-			-				
9	Preethi R	9/9/19	14/9/19	23/9/19	23/9/19	73/10/19	13)10/19			1	- 11
10	Radhika R	9/9/19	14/9/19	13/10/10	13/10/19	13/10/19	13/10/19		\	- T	
11	Ramya V	9/9/19	12/9/19	23/9/19	23/9/19	13/19/19	13/10/19		\		
12	Ravichandiran P	919119	14/9/19	23/9/19	23/9/19	13/10/19	13/10/19		-		
13	Sandhiya R	9/9/19	14/9/19	13/10/19	13/10/19	13/10/19	13/0/19				
14	Saranya S	9/9/19	14/9/19	28/7/19	23/9/19	13/10/19	13/10/19	Erd State			
15	Sathiyavathi R		-	-	_	_	-				
16	Seethalakshmi G	919)19	14/9/19	23/9/19	23/9/19	73/10/17	13/19/19			-	
17	Selva Praveena S	9/9/19	14/9/19	23/9/19	23/9/19	13)10/19	13/10/19				
18	Sineka R	919119	12/9/19	23/9/19	23/9/19	73/10/19	13/10/19				
19	Sivasakthi P	919/19		23/9/19			13/10/19			1	
20	Srimathi S	919119	1419/19	23/9/19	23/9/19	13/10/19					1
21	Vijayalakshmi K	919119	14/9/19	13/10/19	13/10/19	13/10/19	13/10/19				1
22	Delisiya D	9 19/19	14/9/10	13/10/19	13/10/19	13/10/19	13/10/19				
23	Kavitha K	9/9/19	14/9/19	23/9/19	13/1/19	13/10/19	13/10/19				
24	Krishna Dharshini S	919119.	14/9/19	23/9/19	1 23/9/19	13/10/19	13/10/19				7

V. Unbatismy PREPARED BY VERIFIED BY

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RECORD OF CLASS WORK

RANCH

)ate	Period	Topics Covered	Initials
	No. 1		
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Period	Time	Period	Time
1		5	
2		6	
3		7	
4		8	

PERIOD	1	2	3	4	5	6	7	8
I				4	Apa		7	
II								
III								
IV								
V					7			

REV NO: 00

EFFECTIVE DATE: 06.10.2017