



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

B.Tech. III Year II Semester (R23) Regular April 26

03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0101						
1	R2332013	ENVIRONMENTAL ENGINEERING	19	P	D	3.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	21	P	D	3.0
3	R2332012	HIGHWAY ENGINEERING	15	P	E	3.0
4	R2332016	CAD LAB	27	P	S	2.0
5	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	D	3.0
6	R233201F	WATER RESOURCE ENGINEERING	19	P	D	3.0
7	R2332015	HIGH WAY ENGINEERING LAB	24	P	A	1.5
8	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
9	R233203M	INDUSTRIAL SAFETY	22	P	D	3.0
10	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
2 . 23031A0102						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	19	F	F	0.0
3	R2332013	ENVIRONMENTAL ENGINEERING	7	F	F	0.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R233203M	INDUSTRIAL SAFETY	19	P	E	3.0
6	R233201F	WATER RESOURCE ENGINEERING	7	P	E	3.0
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	18	F	F	0.0
8	R2332016	CAD LAB	26	P	B	2.0
9	R2332012	HIGHWAY ENGINEERING	9	P	E	3.0
10	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
3 . 23031A0103						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	27	P	C	3.0
2	R2332016	CAD LAB	28	P	C	2.0
3	R2332015	HIGH WAY ENGINEERING LAB	21	P	B	1.5
4	R2332013	ENVIRONMENTAL ENGINEERING	24	P	D	3.0
5	R233201F	WATER RESOURCE ENGINEERING	20	P	D	3.0
6	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
7	R2332012	HIGHWAY ENGINEERING	20	P	E	3.0
8	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	P	C	3.0
9	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
10	R233203M	INDUSTRIAL SAFETY	26	P	D	3.0
4 . 23031A0104						
1	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	P	E	3.0
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	22	P	E	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R233203M	INDUSTRIAL SAFETY	24	P	D	3.0
6	R2332012	HIGHWAY ENGINEERING	12	P	E	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
8	R2332013	ENVIRONMENTAL ENGINEERING	19	F	F	0.0
9	R2332016	CAD LAB	25	P	C	2.0
10	R233201F	WATER RESOURCE ENGINEERING	14	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5 . 23031A0106						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	C	3.0
2	R2332013	ENVIRONMENTAL ENGINEERING	28	P	A	3.0
3	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
4	R2332012	HIGHWAY ENGINEERING	21	P	D	3.0
5	R2332016	CAD LAB	26	P	A	2.0
6	R2332014	ENVIRONMENTAL ENGINEERING LAB	25	P	S	1.5
7	R233201F	WATER RESOURCE ENGINEERING	22	P	B	3.0
8	R233203M	INDUSTRIAL SAFETY	30	P	D	3.0
9	R233201A	GROUND IMPROVEMENT TECHNIQUES	28	P	B	3.0
10	R2332015	HIGH WAY ENGINEERING LAB	25	P	A	1.5
6 . 23031A0107						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	D	3.0
2	R2332015	HIGH WAY ENGINEERING LAB	22	P	A	1.5
3	R233201F	WATER RESOURCE ENGINEERING	23	P	C	3.0
4	R233201A	GROUND IMPROVEMENT TECHNIQUES	27	P	C	3.0
5	R2332016	CAD LAB	28	P	A	2.0
6	R2332012	HIGHWAY ENGINEERING	17	P	D	3.0
7	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
9	R2332013	ENVIRONMENTAL ENGINEERING	25	P	C	3.0
10	R233203M	INDUSTRIAL SAFETY	28	P	D	3.0
7 . 23031A0108						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	A	1.5
2	R233203M	INDUSTRIAL SAFETY	26	P	D	3.0
3	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	C	3.0
4	R2332016	CAD LAB	27	P	B	2.0
5	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
6	R2332012	HIGHWAY ENGINEERING	20	P	D	3.0
7	R2332015	HIGH WAY ENGINEERING LAB	20	P	B	1.5
8	R2332013	ENVIRONMENTAL ENGINEERING	24	P	C	3.0
9	R233201A	GROUND IMPROVEMENT TECHNIQUES	28	P	A	3.0
10	R233201F	WATER RESOURCE ENGINEERING	23	P	B	3.0
8 . 23031A0109						
1	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
2	R2332016	CAD LAB	22	P	B	2.0
3	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	P	C	3.0
4	R2332015	HIGH WAY ENGINEERING LAB	20	P	B	1.5
5	R2332013	ENVIRONMENTAL ENGINEERING	21	P	C	3.0
6	R233203M	INDUSTRIAL SAFETY	23	P	D	3.0
7	R2332012	HIGHWAY ENGINEERING	13	P	D	3.0
8	R233201A	GROUND IMPROVEMENT TECHNIQUES	21	P	D	3.0
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
10	R233201F	WATER RESOURCE ENGINEERING	23	P	D	3.0
9 . 23031A0110						
1	R2332012	HIGHWAY ENGINEERING	21	P	C	3.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	B	3.0
3	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
6	R233201F	WATER RESOURCE ENGINEERING	24	P	B	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	27	P	S	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
8	R2332016	CAD LAB	28	P	S	2.0
9	R2332015	HIGH WAY ENGINEERING LAB	24	P	B	1.5
10	R233201A	GROUND IMPROVEMENT TECHNIQUES	27	P	B	3.0
10 . 23031A0112						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	24	P	C	3.0
2	R2332012	HIGHWAY ENGINEERING	13	P	E	3.0
3	R2332015	HIGH WAY ENGINEERING LAB	18	P	D	1.5
4	R233203M	INDUSTRIAL SAFETY	15	P	E	3.0
5	R233201F	WATER RESOURCE ENGINEERING	16	P	E	3.0
6	R2332013	ENVIRONMENTAL ENGINEERING	20	F	F	0.0
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	F	F	0.0
8	R2332016	CAD LAB	26	P	C	2.0
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	21	P	B	1.5
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
11 . 23031A0113						
1	R2332016	CAD LAB	28	P	A	2.0
2	R2332015	HIGH WAY ENGINEERING LAB	21	P	A	1.5
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	28	P	C	3.0
4	R233201F	WATER RESOURCE ENGINEERING	19	P	A	3.0
5	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0
6	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	C	3.0
7	R2332012	HIGHWAY ENGINEERING	20	P	D	3.0
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	25	P	S	1.5
9	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
12 . 23031A0114						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	P	D	3.0
2	R2332016	CAD LAB	26	P	B	2.0
3	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
4	R2332012	HIGHWAY ENGINEERING	14	P	E	3.0
5	R233201F	WATER RESOURCE ENGINEERING	15	P	E	3.0
6	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
8	R2332013	ENVIRONMENTAL ENGINEERING	17	P	E	3.0
9	R233203M	INDUSTRIAL SAFETY	24	P	D	3.0
10	R233201A	GROUND IMPROVEMENT TECHNIQUES	14	P	E	3.0
13 . 23031A0115						
1	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
2	R2332012	HIGHWAY ENGINEERING	12	P	D	3.0
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	D	3.0
4	R2332013	ENVIRONMENTAL ENGINEERING	25	P	C	3.0
5	R233201F	WATER RESOURCE ENGINEERING	16	P	D	3.0
6	R233203M	INDUSTRIAL SAFETY	23	P	C	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
8	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
9	R2332016	CAD LAB	16	F	F	0.0
10	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	P	E	3.0
14 . 23031A0116						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	22	P	E	3.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	P	D	3.0
3	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R233203M	INDUSTRIAL SAFETY	25	P	D	3.0
6	R233201F	WATER RESOURCE ENGINEERING	15	P	E	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
8	R2332016	CAD LAB	28	P	A	2.0
9	R2332012	HIGHWAY ENGINEERING	11	P	D	3.0
10	R2332013	ENVIRONMENTAL ENGINEERING	20	P	D	3.0
15 . 23031A0117						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	D	3.0
2	R2332016	CAD LAB	27	P	A	2.0
3	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
4	R233201F	WATER RESOURCE ENGINEERING	11	P	E	3.0
5	R2332013	ENVIRONMENTAL ENGINEERING	14	P	E	3.0
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	15	F	F	0.0
7	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
9	R2332012	HIGHWAY ENGINEERING	12	P	D	3.0
10	R233203M	INDUSTRIAL SAFETY	18	P	E	3.0
16 . 23031A0118						
1	R2332013	ENVIRONMENTAL ENGINEERING	15	F	F	0.0
2	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
3	R233203M	INDUSTRIAL SAFETY	20	F	F	0.0
4	R233201A	GROUND IMPROVEMENT TECHNIQUES	13	F	F	0.0
5	R2332012	HIGHWAY ENGINEERING	9	P	E	3.0
6	R2332016	CAD LAB	16	F	F	0.0
7	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
8	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
9	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	18	F	F	0.0
10	R233201F	WATER RESOURCE ENGINEERING	8	P	E	3.0
17 . 23031A0120						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	29	P	C	3.0
2	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
3	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	P	C	3.0
5	R2332012	HIGHWAY ENGINEERING	19	P	D	3.0
6	R233201F	WATER RESOURCE ENGINEERING	26	P	C	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	28	P	S	1.5
8	R2332016	CAD LAB	27	P	A	2.0
9	R233203M	INDUSTRIAL SAFETY	30	P	D	3.0
10	R2332013	ENVIRONMENTAL ENGINEERING	27	P	C	3.0
18 . 23031A0121						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	25	P	S	1.5
2	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
3	R2332016	CAD LAB	27	P	A	2.0
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	B	3.0
5	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0
6	R2332015	HIGH WAY ENGINEERING LAB	26	P	B	1.5
7	R2332012	HIGHWAY ENGINEERING	19	P	D	3.0
8	R233201F	WATER RESOURCE ENGINEERING	24	P	B	3.0
9	R233203M	INDUSTRIAL SAFETY	30	P	D	3.0
10	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	C	3.0
19 . 23031A0122						
1	R2332013	ENVIRONMENTAL ENGINEERING	28	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
2	R233201F	WATER RESOURCE ENGINEERING	22	P	C	3.0
3	R233203M	INDUSTRIAL SAFETY	28	P	C	3.0
4	R2332016	CAD LAB	16	F	F	0.0
5	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	C	3.0
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R2332015	HIGH WAY ENGINEERING LAB	20	P	A	1.5
8	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	B	3.0
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	26	P	S	1.5
10	R2332012	HIGHWAY ENGINEERING	21	P	D	3.0
20 . 23031A0124						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	15	P	C	1.5
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	P	D	3.0
3	R233203M	INDUSTRIAL SAFETY	19	P	D	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332015	HIGH WAY ENGINEERING LAB	10	P	D	1.5
6	R233201F	WATER RESOURCE ENGINEERING	9	P	E	3.0
7	R2332016	CAD LAB	26	P	B	2.0
8	R2332012	HIGHWAY ENGINEERING	10	F	F	0.0
9	R2332013	ENVIRONMENTAL ENGINEERING	17	F	F	0.0
10	R233201A	GROUND IMPROVEMENT TECHNIQUES	16	P	E	3.0
21 . 23031A0126						
1	R2332012	HIGHWAY ENGINEERING	20	P	D	3.0
2	R233201F	WATER RESOURCE ENGINEERING	24	P	C	3.0
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	24	P	C	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332015	HIGH WAY ENGINEERING LAB	22	P	C	1.5
6	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	C	3.0
7	R2332013	ENVIRONMENTAL ENGINEERING	26	P	D	3.0
8	R2332016	CAD LAB	28	P	A	2.0
9	R233203M	INDUSTRIAL SAFETY	24	F	F	0.0
10	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
22 . 23031A0127						
1	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
2	R2332014	ENVIRONMENTAL ENGINEERING LAB	26	P	S	1.5
3	R2332012	HIGHWAY ENGINEERING	16	P	E	3.0
4	R233203M	INDUSTRIAL SAFETY	25	P	D	3.0
5	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	B	3.0
6	R2332015	HIGH WAY ENGINEERING LAB	23	P	A	1.5
7	R2332013	ENVIRONMENTAL ENGINEERING	25	P	D	3.0
8	R233201A	GROUND IMPROVEMENT TECHNIQUES	20	P	E	3.0
9	R233201F	WATER RESOURCE ENGINEERING	16	P	D	3.0
10	R2332016	CAD LAB	27	P	B	2.0
23 . 23031A0128						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	C	3.0
2	R233201F	WATER RESOURCE ENGINEERING	14	F	F	0.0
3	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
4	R2332016	CAD LAB	26	P	B	2.0
5	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
6	R233203M	INDUSTRIAL SAFETY	26	P	D	3.0
7	R2332012	HIGHWAY ENGINEERING	14	P	E	3.0
8	R2332013	ENVIRONMENTAL ENGINEERING	21	F	F	0.0
9	R233201A	GROUND IMPROVEMENT TECHNIQUES	23	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
10	R2332014	ENVIRONMENTAL ENGINEERING LAB	20	P	B	1.5
24 . 23031A0129						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	D	3.0
2	R2332012	HIGHWAY ENGINEERING	21	P	D	3.0
3	R2332015	HIGH WAY ENGINEERING LAB	25	P	B	1.5
4	R233203M	INDUSTRIAL SAFETY	23	P	C	3.0
5	R233201F	WATER RESOURCE ENGINEERING	25	P	C	3.0
6	R2332016	CAD LAB	26	P	C	2.0
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	C	3.0
8	R2332013	ENVIRONMENTAL ENGINEERING	24	P	D	3.0
9	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
10	R2332014	ENVIRONMENTAL ENGINEERING LAB	27	P	S	1.5
25 . 23031A0130						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	18	F	F	0.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	20	F	F	0.0
3	R2332013	ENVIRONMENTAL ENGINEERING	15	F	F	0.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
6	R2332016	CAD LAB	24	P	B	2.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	20	P	B	1.5
8	R233201F	WATER RESOURCE ENGINEERING	14	F	F	0.0
9	R233203M	INDUSTRIAL SAFETY	19	F	F	0.0
10	R2332012	HIGHWAY ENGINEERING	12	P	E	3.0
26 . 24035A0101						
1	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
2	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	C	3.0
3	R2332013	ENVIRONMENTAL ENGINEERING	22	P	D	3.0
4	R2332016	CAD LAB	28	P	A	2.0
5	R233203M	INDUSTRIAL SAFETY	18	P	E	3.0
6	R2332015	HIGH WAY ENGINEERING LAB	25	P	A	1.5
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	C	3.0
8	R233201F	WATER RESOURCE ENGINEERING	24	P	D	3.0
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	23	P	A	1.5
10	R2332012	HIGHWAY ENGINEERING	18	P	C	3.0
27 . 24035A0102						
1	R2332013	ENVIRONMENTAL ENGINEERING	26	P	C	3.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	B	3.0
3	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R233201F	WATER RESOURCE ENGINEERING	25	P	D	3.0
6	R2332012	HIGHWAY ENGINEERING	19	P	D	3.0
7	R2332015	HIGH WAY ENGINEERING LAB	25	P	A	1.5
8	R233201A	GROUND IMPROVEMENT TECHNIQUES	27	P	B	3.0
9	R2332016	CAD LAB	28	P	S	2.0
10	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
28 . 24035A0103						
1	R233203M	INDUSTRIAL SAFETY	28	P	D	3.0
2	R233201F	WATER RESOURCE ENGINEERING	25	P	B	3.0
3	R2332012	HIGHWAY ENGINEERING	25	P	C	3.0
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	B	3.0
5	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	27	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	27	P	S	1.5
8	R2332015	HIGH WAY ENGINEERING LAB	26	P	S	1.5
9	R2332016	CAD LAB	28	P	S	2.0
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
29 . 24035A0104						
1	R233201F	WATER RESOURCE ENGINEERING	29	P	A	3.0
2	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	29	P	B	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332012	HIGHWAY ENGINEERING	29	P	B	3.0
6	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	21	P	B	1.5
8	R2332013	ENVIRONMENTAL ENGINEERING	29	P	S	3.0
9	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	B	3.0
10	R2332016	CAD LAB	28	P	S	2.0
30 . 24035A0105						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	28	P	B	3.0
2	R233201F	WATER RESOURCE ENGINEERING	27	P	B	3.0
3	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	B	3.0
5	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R2332016	CAD LAB	26	P	B	2.0
8	R2332013	ENVIRONMENTAL ENGINEERING	30	P	A	3.0
9	R2332012	HIGHWAY ENGINEERING	28	P	C	3.0
10	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
31 . 24035A0106						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	A	1.5
2	R233201F	WATER RESOURCE ENGINEERING	20	P	D	3.0
3	R233203M	INDUSTRIAL SAFETY	25	P	C	3.0
4	R2332016	CAD LAB	26	P	B	2.0
5	R233201A	GROUND IMPROVEMENT TECHNIQUES	27	P	C	3.0
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R2332013	ENVIRONMENTAL ENGINEERING	25	P	C	3.0
8	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	C	3.0
9	R2332012	HIGHWAY ENGINEERING	24	P	D	3.0
10	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
32 . 24035A0107						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	S	1.5
2	R233201F	WATER RESOURCE ENGINEERING	26	P	C	3.0
3	R2332013	ENVIRONMENTAL ENGINEERING	28	P	B	3.0
4	R2332016	CAD LAB	26	P	A	2.0
5	R233203M	INDUSTRIAL SAFETY	28	P	C	3.0
6	R2332012	HIGHWAY ENGINEERING	24	P	C	3.0
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	B	3.0
8	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
9	R233201A	GROUND IMPROVEMENT TECHNIQUES	29	P	B	3.0
10	R2332015	HIGH WAY ENGINEERING LAB	24	P	A	1.5
33 . 24035A0108						
1	R2332015	HIGH WAY ENGINEERING LAB	24	P	A	1.5
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	A	3.0
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	29	P	A	3.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
4	R2332012	HIGHWAY ENGINEERING	30	P	B	3.0
5	R2332016	CAD LAB	28	P	S	2.0
6	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
7	R233201F	WATER RESOURCE ENGINEERING	25	P	C	3.0
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
9	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
10	R2332013	ENVIRONMENTAL ENGINEERING	27	P	A	3.0
34 . 24035A0109						
1	R2332016	CAD LAB	28	P	A	2.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	C	3.0
3	R2332015	HIGH WAY ENGINEERING LAB	20	P	A	1.5
4	R2332014	ENVIRONMENTAL ENGINEERING LAB	23	P	A	1.5
5	R2332013	ENVIRONMENTAL ENGINEERING	28	P	B	3.0
6	R233201F	WATER RESOURCE ENGINEERING	23	P	C	3.0
7	R2332012	HIGHWAY ENGINEERING	27	P	C	3.0
8	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
9	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	C	3.0
10	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
35 . 24035A0110						
1	R233201F	WATER RESOURCE ENGINEERING	24	P	C	3.0
2	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	C	3.0
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	B	3.0
5	R233203M	INDUSTRIAL SAFETY	27	P	D	3.0
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R2332015	HIGH WAY ENGINEERING LAB	26	P	A	1.5
8	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
9	R2332016	CAD LAB	26	P	A	2.0
10	R2332012	HIGHWAY ENGINEERING	19	P	D	3.0
36 . 24035A0111						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
2	R233201A	GROUND IMPROVEMENT TECHNIQUES	28	P	C	3.0
3	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332013	ENVIRONMENTAL ENGINEERING	30	P	A	3.0
6	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	B	3.0
7	R2332016	CAD LAB	25	P	B	2.0
8	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
9	R2332012	HIGHWAY ENGINEERING	29	P	A	3.0
10	R233201F	WATER RESOURCE ENGINEERING	27	P	C	3.0
37 . 24035A0112						
1	R2332016	CAD LAB	27	P	B	2.0
2	R2332015	HIGH WAY ENGINEERING LAB	20	P	B	1.5
3	R2332013	ENVIRONMENTAL ENGINEERING	22	P	E	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332012	HIGHWAY ENGINEERING	19	P	D	3.0
6	R233201F	WATER RESOURCE ENGINEERING	18	P	D	3.0
7	R233203M	INDUSTRIAL SAFETY	25	P	D	3.0
8	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	D	3.0
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	23	P	B	1.5
10	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	D	3.0
38 . 24035A0113						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R2332016	CAD LAB	27	P	B	2.0
2	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
3	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	B	3.0
5	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
6	R233201F	WATER RESOURCE ENGINEERING	23	P	D	3.0
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	C	3.0
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	B	1.5
9	R2332012	HIGHWAY ENGINEERING	22	P	C	3.0
10	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0
39 . 24035A0114						
1	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
2	R2332012	HIGHWAY ENGINEERING	22	P	D	3.0
3	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	D	3.0
4	R2332013	ENVIRONMENTAL ENGINEERING	22	P	D	3.0
5	R2332016	CAD LAB	26	P	C	2.0
6	R233201F	WATER RESOURCE ENGINEERING	22	P	B	3.0
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	24	P	D	3.0
8	R2332015	HIGH WAY ENGINEERING LAB	24	P	A	1.5
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
10	R233203M	INDUSTRIAL SAFETY	29	F	AB	0.0
40 . 24035A0115						
1	R233203M	INDUSTRIAL SAFETY	29	P	B	3.0
2	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
3	R2332012	HIGHWAY ENGINEERING	24	P	B	3.0
4	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	C	3.0
5	R2332014	ENVIRONMENTAL ENGINEERING LAB	23	P	A	1.5
6	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	B	3.0
7	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
8	R2332016	CAD LAB	28	P	A	2.0
9	R233201F	WATER RESOURCE ENGINEERING	25	P	B	3.0
10	R2332015	HIGH WAY ENGINEERING LAB	26	P	S	1.5
41 . 24035A0116						
1	R2332016	CAD LAB	28	P	S	2.0
2	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
3	R233201F	WATER RESOURCE ENGINEERING	25	P	A	3.0
4	R2332014	ENVIRONMENTAL ENGINEERING LAB	23	P	A	1.5
5	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	B	3.0
6	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	A	3.0
8	R233203M	INDUSTRIAL SAFETY	29	P	D	3.0
9	R2332012	HIGHWAY ENGINEERING	25	P	B	3.0
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
42 . 24035A0117						
1	R2332015	HIGH WAY ENGINEERING LAB	27	P	A	1.5
2	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	24	P	C	3.0
4	R233201F	WATER RESOURCE ENGINEERING	23	P	C	3.0
5	R2332016	CAD LAB	27	P	A	2.0
6	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	P	B	3.0
7	R2332012	HIGHWAY ENGINEERING	21	P	C	3.0
8	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
10	R2332014	ENVIRONMENTAL ENGINEERING LAB	25	P	S	1.5
43 . 24035A0118						
1	R2332013	ENVIRONMENTAL ENGINEERING	19	F	F	0.0
2	R2332015	HIGH WAY ENGINEERING LAB	20	P	B	1.5
3	R233203M	INDUSTRIAL SAFETY	21	P	E	3.0
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	D	3.0
5	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	20	P	E	3.0
7	R2332016	CAD LAB	26	P	B	2.0
8	R233201F	WATER RESOURCE ENGINEERING	13	P	E	3.0
9	R2332012	HIGHWAY ENGINEERING	11	P	E	3.0
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
44 . 24035A0119						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	23	P	D	3.0
2	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
3	R233201F	WATER RESOURCE ENGINEERING	22	P	A	3.0
4	R2332012	HIGHWAY ENGINEERING	21	P	B	3.0
5	R2332015	HIGH WAY ENGINEERING LAB	23	P	A	1.5
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	25	P	C	3.0
8	R2332016	CAD LAB	28	P	A	2.0
9	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
10	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
45 . 24035A0120						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	28	P	S	1.5
2	R233201F	WATER RESOURCE ENGINEERING	22	P	B	3.0
3	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	C	3.0
4	R2332016	CAD LAB	29	P	S	2.0
5	R2332012	HIGHWAY ENGINEERING	26	P	B	3.0
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	28	P	A	3.0
7	R233203M	INDUSTRIAL SAFETY	21	P	D	3.0
8	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
9	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
10	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0
46 . 24035A0122						
1	R2332016	CAD LAB	25	P	C	2.0
2	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	26	P	C	3.0
3	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332014	ENVIRONMENTAL ENGINEERING LAB	26	P	S	1.5
6	R2332012	HIGHWAY ENGINEERING	22	P	C	3.0
7	R233201F	WATER RESOURCE ENGINEERING	24	P	A	3.0
8	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	B	3.0
9	R2332015	HIGH WAY ENGINEERING LAB	23	P	B	1.5
10	R2332013	ENVIRONMENTAL ENGINEERING	28	P	A	3.0
47 . 24035A0123						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	D	3.0
2	R2332016	CAD LAB	26	P	C	2.0
3	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
4	R233203M	INDUSTRIAL SAFETY	21	P	D	3.0
5	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
6	R2332013	ENVIRONMENTAL ENGINEERING	20	F	F	0.0
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	23	P	D	3.0
8	R2332015	HIGH WAY ENGINEERING LAB	25	P	A	1.5
9	R2332012	HIGHWAY ENGINEERING	16	P	D	3.0
10	R233201F	WATER RESOURCE ENGINEERING	15	P	D	3.0
48 . 24035A0124						
1	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
2	R2332015	HIGH WAY ENGINEERING LAB	22	P	B	1.5
3	R233201F	WATER RESOURCE ENGINEERING	18	P	E	3.0
4	R2332016	CAD LAB	27	P	C	2.0
5	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
6	R233203M	INDUSTRIAL SAFETY	24	P	D	3.0
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	C	3.0
8	R233201A	GROUND IMPROVEMENT TECHNIQUES	22	P	D	3.0
9	R2332013	ENVIRONMENTAL ENGINEERING	21	F	F	0.0
10	R2332012	HIGHWAY ENGINEERING	16	P	D	3.0
49 . 24035A0125						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	B	3.0
2	R2332013	ENVIRONMENTAL ENGINEERING	26	P	B	3.0
3	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
4	R2332016	CAD LAB	29	P	S	2.0
5	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
6	R233201F	WATER RESOURCE ENGINEERING	23	P	C	3.0
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	C	3.0
8	R233203M	INDUSTRIAL SAFETY	29	P	D	3.0
9	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
10	R2332012	HIGHWAY ENGINEERING	22	P	D	3.0
50 . 24035A0126						
1	R233201F	WATER RESOURCE ENGINEERING	22	P	B	3.0
2	R2332013	ENVIRONMENTAL ENGINEERING	26	P	C	3.0
3	R2332016	CAD LAB	26	P	B	2.0
4	R2332014	ENVIRONMENTAL ENGINEERING LAB	24	P	A	1.5
5	R2332012	HIGHWAY ENGINEERING	19	P	D	3.0
6	R233203M	INDUSTRIAL SAFETY	27	P	D	3.0
7	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	B	3.0
8	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
9	R2332015	HIGH WAY ENGINEERING LAB	24	P	A	1.5
10	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	D	3.0
51 . 24035A0127						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	A	3.0
2	R2332012	HIGHWAY ENGINEERING	29	P	B	3.0
3	R2332014	ENVIRONMENTAL ENGINEERING LAB	28	P	S	1.5
4	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
5	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
6	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
7	R233201A	GROUND IMPROVEMENT TECHNIQUES	30	P	B	3.0
8	R233201F	WATER RESOURCE ENGINEERING	28	P	A	3.0
9	R2332016	CAD LAB	27	P	S	2.0
10	R2332013	ENVIRONMENTAL ENGINEERING	30	P	A	3.0
52 . 24035A0128						
1	R233201F	WATER RESOURCE ENGINEERING	21	P	C	3.0
2	R233203M	INDUSTRIAL SAFETY	26	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
4	R2332016	CAD LAB	28	P	S	2.0
5	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	B	3.0
6	R2332013	ENVIRONMENTAL ENGINEERING	25	P	C	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	22	P	B	1.5
8	R2332015	HIGH WAY ENGINEERING LAB	24	P	A	1.5
9	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	C	3.0
10	R2332012	HIGHWAY ENGINEERING	26	P	C	3.0
53 . 24035A0129						
1	R2332014	ENVIRONMENTAL ENGINEERING LAB	28	P	S	1.5
2	R2332012	HIGHWAY ENGINEERING	30	P	B	3.0
3	R233201A	GROUND IMPROVEMENT TECHNIQUES	30	P	B	3.0
4	R2332013	ENVIRONMENTAL ENGINEERING	30	P	A	3.0
5	R2332016	CAD LAB	27	P	S	2.0
6	R233201F	WATER RESOURCE ENGINEERING	28	P	A	3.0
7	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
8	R233203M	INDUSTRIAL SAFETY	30	P	C	3.0
9	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	27	P	B	3.0
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
54 . 24035A0131						
1	R2332012	HIGHWAY ENGINEERING	20	P	D	3.0
2	R233201F	WATER RESOURCE ENGINEERING	23	P	D	3.0
3	R2332014	ENVIRONMENTAL ENGINEERING LAB	28	P	S	1.5
4	R2332016	CAD LAB	27	P	S	2.0
5	R233203M	INDUSTRIAL SAFETY	25	P	D	3.0
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	25	P	D	3.0
7	R2332013	ENVIRONMENTAL ENGINEERING	26	P	D	3.0
8	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	D	3.0
9	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
10	R2332015	HIGH WAY ENGINEERING LAB	25	P	A	1.5
55 . 24035A0132						
1	R2332015	HIGH WAY ENGINEERING LAB	28	P	A	1.5
2	R233203M	INDUSTRIAL SAFETY	27	P	C	3.0
3	R2332016	CAD LAB	27	P	S	2.0
4	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	23	P	C	3.0
5	R233201A	GROUND IMPROVEMENT TECHNIQUES	29	P	C	3.0
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	25	P	A	1.5
8	R2332012	HIGHWAY ENGINEERING	19	P	B	3.0
9	R233201F	WATER RESOURCE ENGINEERING	24	P	B	3.0
10	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0
56 . 24035A0133						
1	R233201A	GROUND IMPROVEMENT TECHNIQUES	17	P	E	3.0
2	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
3	R233201F	WATER RESOURCE ENGINEERING	16	P	D	3.0
4	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
5	R2332012	HIGHWAY ENGINEERING	17	P	C	3.0
6	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	24	P	C	3.0
7	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
8	R233203M	INDUSTRIAL SAFETY	28	P	D	3.0
9	R2332016	CAD LAB	22	F	F	0.0
10	R2332013	ENVIRONMENTAL ENGINEERING	24	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
57 . 24035A0134						
1	R2332015	HIGH WAY ENGINEERING LAB	28	P	S	1.5
2	R2332016	CAD LAB	27	P	S	2.0
3	R2332014	ENVIRONMENTAL ENGINEERING LAB	25	P	A	1.5
4	R233201F	WATER RESOURCE ENGINEERING	27	P	A	3.0
5	R2332012	HIGHWAY ENGINEERING	25	P	B	3.0
6	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
7	R233203M	INDUSTRIAL SAFETY	29	P	C	3.0
8	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	29	P	A	3.0
9	R2332013	ENVIRONMENTAL ENGINEERING	27	P	S	3.0
10	R233201A	GROUND IMPROVEMENT TECHNIQUES	29	P	B	3.0
58 . 24035A0135						
1	R2332013	ENVIRONMENTAL ENGINEERING	27	P	B	3.0
2	R2332015	HIGH WAY ENGINEERING LAB	27	P	A	1.5
3	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	28	P	C	3.0
4	R2332016	CAD LAB	25	P	A	2.0
5	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	26	P	C	3.0
7	R233201F	WATER RESOURCE ENGINEERING	26	P	B	3.0
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	26	P	S	1.5
9	R233203M	INDUSTRIAL SAFETY	28	P	D	3.0
10	R2332012	HIGHWAY ENGINEERING	24	P	B	3.0
59 . 24035A0137						
1	R2332011	DESIGN AND DRAWING OF STEEL STRUCTURES	22	P	C	3.0
2	R233201F	WATER RESOURCE ENGINEERING	17	P	E	3.0
3	R233203M	INDUSTRIAL SAFETY	22	P	E	3.0
4	R2332015	HIGH WAY ENGINEERING LAB	20	P	C	1.5
5	R2332013	ENVIRONMENTAL ENGINEERING	21	P	D	3.0
6	R233201A	GROUND IMPROVEMENT TECHNIQUES	15	F	F	0.0
7	R2332012	HIGHWAY ENGINEERING	12	P	E	3.0
8	R2332014	ENVIRONMENTAL ENGINEERING LAB	18	P	C	1.5
9	R2332016	CAD LAB	20	F	F	0.0
10	R2332017	TECHNICAL PAPER WRITING & IPR	-4	P	CM	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

B.Tech. III Year II Semester (R23) Regular April 26

03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

02: ELECTRICAL & ELECTRONICS ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0202						
1	R2332023	POWER SYSTEM ANALYSIS	20	P	D	3.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	A	2.0
3	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	20	P	D	3.0
4	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
5	R233202A	SWITCHGEAR AND PROTECTION	18	P	E	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	D	3.0
7	R233202D	ELECTRIC DRIVES	16	P	D	3.0
8	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	23	P	D	3.0
9	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2 . 23031A0203						
1	R233202A	SWITCHGEAR AND PROTECTION	18	F	F	0.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	19	P	B	2.0
3	R233202D	ELECTRIC DRIVES	16	P	E	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	D	3.0
5	R2332023	POWER SYSTEM ANALYSIS	17	P	D	3.0
6	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	24	P	B	1.5
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	21	P	C	3.0
10	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	21	P	D	3.0
3 . 23031A0205						
1	R233202A	SWITCHGEAR AND PROTECTION	18	P	D	3.0
2	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
3	R233202D	ELECTRIC DRIVES	16	P	E	3.0
4	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	B	3.0
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	24	P	B	2.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	18	P	C	3.0
7	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	26	P	B	1.5
8	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332023	POWER SYSTEM ANALYSIS	19	P	C	3.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	C	3.0
4 . 23031A0206						
1	R233202A	SWITCHGEAR AND PROTECTION	20	P	E	3.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	19	P	C	2.0
3	R233202D	ELECTRIC DRIVES	15	P	D	3.0
4	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	19	P	D	3.0
5	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	22	P	C	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	P	C	1.5
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332023	POWER SYSTEM ANALYSIS	23	P	C	3.0
5 . 23031A0207						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	16	P	E	3.0
2	R233202A	SWITCHGEAR AND PROTECTION	16	F	F	0.0
3	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
4	R233202D	ELECTRIC DRIVES	18	F	F	0.0
5	R2332023	POWER SYSTEM ANALYSIS	21	P	D	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	E	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	20	P	A	2.0
9	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	18	P	D	3.0
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6 . 23031A0208						
1	R233202D	ELECTRIC DRIVES	16	F	F	0.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	20	P	A	2.0
3	R233202A	SWITCHGEAR AND PROTECTION	16	F	F	0.0
4	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0
5	R2332023	POWER SYSTEM ANALYSIS	20	P	D	3.0
6	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
7	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	17	P	E	3.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	17	P	E	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	P	C	1.5
7 . 23031A0209						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
2	R233202A	SWITCHGEAR AND PROTECTION	15	F	F	0.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	16	F	F	0.0
4	R233202D	ELECTRIC DRIVES	11	F	F	0.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	11	P	E	3.0
8	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
9	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	18	P	B	2.0
10	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	13	F	F	0.0
8 . 23031A0210						
1	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R233202D	ELECTRIC DRIVES	17	P	E	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	C	3.0
4	R233202A	SWITCHGEAR AND PROTECTION	20	P	D	3.0
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	23	P	S	2.0
6	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	P	C	1.5
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	20	P	C	3.0
8	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	20	P	C	3.0
9	R2332023	POWER SYSTEM ANALYSIS	21	P	C	3.0
10	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9 . 23031A0211						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	27	P	D	3.0
2	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	25	P	A	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
4	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	S	2.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	P	A	1.5
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	C	3.0
8	R233202D	ELECTRIC DRIVES	24	P	D	3.0
9	R233202A	SWITCHGEAR AND PROTECTION	23	F	F	0.0
10	R2332023	POWER SYSTEM ANALYSIS	24	P	C	3.0
10 . 23031A0212						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
2	R233202A	SWITCHGEAR AND PROTECTION	19	P	E	3.0
3	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	25	P	A	2.0
4	R233202D	ELECTRIC DRIVES	19	P	D	3.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	B	3.0
6	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	C	3.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	P	C	1.5
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	20	P	D	3.0
11 . 23031A0213						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	26	P	C	3.0
2	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R2332023	POWER SYSTEM ANALYSIS	21	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
6	R233202A	SWITCHGEAR AND PROTECTION	19	P	E	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	A	2.0
9	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	C	3.0
10	R233202D	ELECTRIC DRIVES	17	P	E	3.0
12 . 23031A0214						
1	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
2	R233202D	ELECTRIC DRIVES	16	P	D	3.0
3	R2332023	POWER SYSTEM ANALYSIS	19	P	C	3.0
4	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0
5	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	21	P	D	3.0
6	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	A	2.0
7	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
9	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
10	R233202A	SWITCHGEAR AND PROTECTION	18	F	F	0.0
13 . 23031A0215						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	C	3.0
2	R233202D	ELECTRIC DRIVES	16	P	E	3.0
3	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
4	R233202A	SWITCHGEAR AND PROTECTION	16	P	E	3.0
5	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
6	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	22	P	D	3.0
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	A	2.0
9	R233204J	PRINCIPLES OF COMMUNICATIONS	17	P	E	3.0
10	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
14 . 23031A0216						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	25	P	C	3.0
2	R233202A	SWITCHGEAR AND PROTECTION	20	P	D	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
4	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
5	R233202D	ELECTRIC DRIVES	17	P	E	3.0
6	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
7	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	D	3.0
8	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	24	P	C	3.0
9	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	C	2.0
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
15 . 23031A0217						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	A	1.5
2	R233202A	SWITCHGEAR AND PROTECTION	15	F	F	0.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233202D	ELECTRIC DRIVES	17	P	E	3.0
5	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	21	P	D	3.0
6	R2332023	POWER SYSTEM ANALYSIS	16	P	D	3.0
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	A	2.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
9	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
10	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	14	P	E	3.0
16 . 23031A0218						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	14	P	E	3.0
2	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	16	P	E	3.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
6	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	18	P	D	3.0
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	B	2.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	26	P	A	1.5
9	R233202A	SWITCHGEAR AND PROTECTION	15	P	E	3.0
10	R233202D	ELECTRIC DRIVES	17	P	E	3.0
17 . 23031A0220						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	20	P	D	3.0
2	R2332023	POWER SYSTEM ANALYSIS	17	P	D	3.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	17	P	D	3.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	E	3.0
6	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	18	P	B	2.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	A	1.5

SINo	SubCode	SubName	IM	Res	Grade	Credits
8	R233202A	SWITCHGEAR AND PROTECTION	17	P	E	3.0
9	R233202D	ELECTRIC DRIVES	13	P	E	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
18 . 23031A0221						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	17	P	D	2.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	17	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	18	F	F	0.0
5	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	15	P	E	3.0
6	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R233202A	SWITCHGEAR AND PROTECTION	16	F	F	0.0
8	R233202D	ELECTRIC DRIVES	12	P	E	3.0
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	C	1.5
10	R2332023	POWER SYSTEM ANALYSIS	17	P	D	3.0
19 . 23031A0222						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	17	P	E	3.0
2	R233202D	ELECTRIC DRIVES	18	P	E	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
4	R233202A	SWITCHGEAR AND PROTECTION	17	F	F	0.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	D	3.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	15	P	E	3.0
7	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
9	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	B	2.0
10	R2332023	POWER SYSTEM ANALYSIS	17	P	D	3.0
20 . 23031A0223						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	B	2.0
2	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R233202D	ELECTRIC DRIVES	19	P	E	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	19	F	F	0.0
5	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	20	P	D	3.0
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	17	P	D	3.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
9	R233202A	SWITCHGEAR AND PROTECTION	18	F	F	0.0
10	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
21 . 23031A0224						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	25	P	A	1.5
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	18	P	D	2.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
5	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	17	P	D	3.0
6	R2332023	POWER SYSTEM ANALYSIS	19	P	C	3.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	17	F	F	0.0
8	R233202D	ELECTRIC DRIVES	13	P	E	3.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	17	P	D	3.0
10	R233202A	SWITCHGEAR AND PROTECTION	17	P	E	3.0
22 . 23031A0225						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	D	3.0
2	R233202A	SWITCHGEAR AND PROTECTION	21	F	F	0.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	29	P	S	2.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	23	P	D	3.0
7	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
8	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
9	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0
10	R233202D	ELECTRIC DRIVES	19	P	D	3.0
23 . 23031A0226						
1	R233202A	SWITCHGEAR AND PROTECTION	23	P	D	3.0
2	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	23	P	C	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	D	3.0
5	R233202D	ELECTRIC DRIVES	20	P	E	3.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	23	P	C	3.0
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	23	P	A	2.0
8	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	S	1.5
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	P	B	1.5
24 . 23031A0227						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0
2	R2332023	POWER SYSTEM ANALYSIS	19	P	D	3.0
3	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	19	P	B	2.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	16	P	E	3.0
5	R233202A	SWITCHGEAR AND PROTECTION	19	P	C	3.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	16	P	E	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	26	P	A	1.5
8	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R233202D	ELECTRIC DRIVES	15	P	E	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	P	C	1.5
25 . 23031A0228						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	A	2.0
2	R233202A	SWITCHGEAR AND PROTECTION	23	F	F	0.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
5	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	E	3.0
6	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	22	P	C	3.0
7	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
8	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
9	R233202D	ELECTRIC DRIVES	20	P	E	3.0
10	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	C	3.0
26 . 23031A0229						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	20	P	E	3.0
2	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	25	P	A	1.5
3	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	C	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
4	R233202A	SWITCHGEAR AND PROTECTION	12	P	E	3.0
5	R2332023	POWER SYSTEM ANALYSIS	20	P	C	3.0
6	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	23	P	C	2.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	14	P	E	3.0
8	R233202D	ELECTRIC DRIVES	17	P	D	3.0
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	17	P	D	3.0
27 . 23031A0231						
1	R233202A	SWITCHGEAR AND PROTECTION	24	P	D	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	27	P	B	3.0
3	R233202D	ELECTRIC DRIVES	21	P	D	3.0
4	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	23	P	B	3.0
5	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	B	3.0
6	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	S	2.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	26	P	A	1.5
9	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
28 . 23031A0232						
1	R233202D	ELECTRIC DRIVES	12	P	E	3.0
2	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R233202A	SWITCHGEAR AND PROTECTION	13	F	F	0.0
4	R2332023	POWER SYSTEM ANALYSIS	19	P	C	3.0
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	A	2.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	E	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
8	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	18	P	E	3.0
9	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	15	P	E	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	26	P	B	1.5
29 . 23031A0233						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	22	F	F	0.0
2	R233202D	ELECTRIC DRIVES	21	P	E	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	S	1.5
4	R233202A	SWITCHGEAR AND PROTECTION	17	F	F	0.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	18	P	D	3.0
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	A	2.0
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
10	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	15	P	D	3.0
30 . 23031A0234						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
2	R233202D	ELECTRIC DRIVES	17	P	E	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	E	3.0
4	R233202A	SWITCHGEAR AND PROTECTION	22	F	F	0.0
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	25	P	B	2.0
6	R2332023	POWER SYSTEM ANALYSIS	18	P	D	3.0
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
8	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	19	P	D	3.0
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
31 . 23031A0235						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	22	P	C	3.0
2	R2332023	POWER SYSTEM ANALYSIS	21	P	C	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
4	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	18	P	C	3.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	P	C	1.5
7	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	27	P	S	2.0
9	R233202D	ELECTRIC DRIVES	17	P	E	3.0
10	R233202A	SWITCHGEAR AND PROTECTION	19	F	F	0.0
32 . 23031A0237						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
2	R233202D	ELECTRIC DRIVES	14	P	E	3.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	C	1.5
6	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0
7	R2332023	POWER SYSTEM ANALYSIS	19	P	C	3.0
8	R233202A	SWITCHGEAR AND PROTECTION	19	F	F	0.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	16	P	E	3.0
10	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	20	P	A	2.0
33 . 23031A0238						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	16	P	E	3.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	14	P	E	2.0
3	R233202A	SWITCHGEAR AND PROTECTION	19	F	F	0.0
4	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	C	1.5
6	R233204J	PRINCIPLES OF COMMUNICATIONS	22	F	F	0.0
7	R2332023	POWER SYSTEM ANALYSIS	18	P	C	3.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	20	P	B	1.5
9	R233202D	ELECTRIC DRIVES	14	P	D	3.0
10	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	20	P	D	3.0
34 . 23031A0240						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	C	3.0
2	R233202D	ELECTRIC DRIVES	17	F	AB	0.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233202A	SWITCHGEAR AND PROTECTION	20	P	E	3.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	C	3.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	C	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
8	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	P	A	1.5
10	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	27	P	A	2.0
35 . 23031A0241						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	F	AB	0.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
4	R233202A	SWITCHGEAR AND PROTECTION	23	P	D	3.0
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	26	P	A	2.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	20	P	C	3.0
7	R2332023	POWER SYSTEM ANALYSIS	22	F	AB	0.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	P	C	1.5
9	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
10	R233202D	ELECTRIC DRIVES	19	P	D	3.0
36 . 23031A0242						
1	R233202D	ELECTRIC DRIVES	15	P	D	3.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	25	P	A	2.0
3	R233202A	SWITCHGEAR AND PROTECTION	13	F	F	0.0
4	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
6	R2332023	POWER SYSTEM ANALYSIS	20	P	C	3.0
7	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	16	P	E	3.0
8	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	19	P	D	3.0
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
10	R233204J	PRINCIPLES OF COMMUNICATIONS	14	P	E	3.0
37 . 23031A0243						
1	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	21	P	B	3.0
3	R233202A	SWITCHGEAR AND PROTECTION	22	F	F	0.0
4	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R233202D	ELECTRIC DRIVES	19	P	D	3.0
6	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	29	P	S	2.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	C	3.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	21	P	C	3.0
10	R2332023	POWER SYSTEM ANALYSIS	21	P	C	3.0
38 . 23031A0244						
1	R233202D	ELECTRIC DRIVES	10	P	E	3.0
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	16	P	D	3.0
3	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	9	F	F	0.0
4	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	P	E	1.5
6	R233204J	PRINCIPLES OF COMMUNICATIONS	15	P	C	3.0
7	R233202A	SWITCHGEAR AND PROTECTION	14	P	E	3.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	13	P	B	1.5
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	17	P	D	3.0
10	R2332023	POWER SYSTEM ANALYSIS	16	P	D	3.0
39 . 23031A0245						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	19	P	D	2.0
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	14	P	E	3.0
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332023	POWER SYSTEM ANALYSIS	20	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R233204J	PRINCIPLES OF COMMUNICATIONS	16	F	F	0.0
6	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	14	P	E	3.0
7	R233202A	SWITCHGEAR AND PROTECTION	14	P	E	3.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
9	R233202D	ELECTRIC DRIVES	12	P	E	3.0
10	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	A	1.5
40 . 23031A0246						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	B	2.0
2	R233202A	SWITCHGEAR AND PROTECTION	16	F	F	0.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	15	P	E	3.0
4	R233202D	ELECTRIC DRIVES	17	P	E	3.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332023	POWER SYSTEM ANALYSIS	16	P	E	3.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	14	F	F	0.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
9	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
10	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	13	P	E	3.0
41 . 23031A0247						
1	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	P	C	1.5
2	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	11	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	11	F	F	0.0
5	R2332023	POWER SYSTEM ANALYSIS	13	F	F	0.0
6	R233202A	SWITCHGEAR AND PROTECTION	9	F	F	0.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	26	P	A	1.5
8	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	9	F	F	0.0
9	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	12	P	D	2.0
10	R233202D	ELECTRIC DRIVES	13	F	F	0.0
42 . 23031A0248						
1	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R233202D	ELECTRIC DRIVES	14	P	D	3.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	21	P	B	3.0
4	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	18	P	C	2.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	C	3.0
6	R2332023	POWER SYSTEM ANALYSIS	18	P	C	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
8	R233202A	SWITCHGEAR AND PROTECTION	16	P	E	3.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	18	P	C	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	P	C	1.5
43 . 24035A0201						
1	R233202D	ELECTRIC DRIVES	20	P	D	3.0
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	22	P	C	3.0
3	R233202A	SWITCHGEAR AND PROTECTION	25	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	27	P	C	3.0
5	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	24	P	B	3.0
6	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	F	AB	0.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	29	P	S	2.0
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	A	1.5
10	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
44 . 24035A0202						
1	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
2	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	20	P	D	3.0
4	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	21	P	B	3.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
6	R233202A	SWITCHGEAR AND PROTECTION	20	F	F	0.0
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	27	P	S	2.0
8	R233202D	ELECTRIC DRIVES	15	P	E	3.0
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	E	3.0
45 . 24035A0203						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	B	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	B	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	26	P	A	1.5
4	R2332023	POWER SYSTEM ANALYSIS	19	P	D	3.0
5	R233202A	SWITCHGEAR AND PROTECTION	24	P	D	3.0
6	R233202D	ELECTRIC DRIVES	17	P	D	3.0
7	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	23	P	B	3.0
8	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	P	B	1.5
9	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	29	P	A	2.0
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
46 . 24035A0204						
1	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332023	POWER SYSTEM ANALYSIS	23	P	C	3.0
3	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	27	P	S	2.0
4	R233202A	SWITCHGEAR AND PROTECTION	21	F	F	0.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	B	3.0
6	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	25	P	C	3.0
7	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	B	3.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	A	1.5
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	26	P	A	1.5
10	R233202D	ELECTRIC DRIVES	21	P	D	3.0
47 . 24035A0205						
1	R233202D	ELECTRIC DRIVES	20	P	D	3.0
2	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	B	3.0
3	R233202A	SWITCHGEAR AND PROTECTION	22	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	C	3.0
5	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	A	1.5
6	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	P	A	1.5
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	24	P	B	3.0
8	R2332023	POWER SYSTEM ANALYSIS	21	P	C	3.0
9	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	27	P	S	2.0
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
48 . 24035A0206						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
2	R233202A	SWITCHGEAR AND PROTECTION	20	F	F	0.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	18	P	E	3.0
4	R233202D	ELECTRIC DRIVES	17	P	E	3.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	26	P	A	2.0
7	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
8	R233204J	PRINCIPLES OF COMMUNICATIONS	20	F	F	0.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	17	P	C	3.0
10	R2332023	POWER SYSTEM ANALYSIS	19	P	C	3.0
49 . 24035A0207						
1	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	27	P	C	3.0
3	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	23	P	A	2.0
4	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
6	R233202A	SWITCHGEAR AND PROTECTION	22	P	D	3.0
7	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	C	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
9	R233202D	ELECTRIC DRIVES	20	P	D	3.0
10	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
50 . 24035A0208						
1	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	B	3.0
2	R233202D	ELECTRIC DRIVES	21	P	D	3.0
3	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	P	B	1.5
4	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
5	R2332023	POWER SYSTEM ANALYSIS	23	P	D	3.0
6	R233202A	SWITCHGEAR AND PROTECTION	25	P	D	3.0
7	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	21	P	C	3.0
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	25	P	A	2.0
9	R233204J	PRINCIPLES OF COMMUNICATIONS	24	P	C	3.0
10	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
51 . 24035A0209						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	28	P	C	3.0
2	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	23	P	C	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
4	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	A	2.0
5	R2332023	POWER SYSTEM ANALYSIS	23	P	D	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	26	P	D	3.0
7	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	P	B	1.5
8	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R233202D	ELECTRIC DRIVES	19	P	D	3.0
10	R233202A	SWITCHGEAR AND PROTECTION	26	P	D	3.0
52 . 24035A0210						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	S	2.0
2	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	P	A	1.5
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	29	P	B	3.0
4	R2332023	POWER SYSTEM ANALYSIS	23	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R233202A	SWITCHGEAR AND PROTECTION	29	P	C	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	29	P	B	3.0
7	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
8	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	26	P	A	3.0
10	R233202D	ELECTRIC DRIVES	25	P	D	3.0
53 . 24035A0212						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	30	P	B	3.0
2	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	P	A	1.5
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332023	POWER SYSTEM ANALYSIS	26	P	C	3.0
5	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
6	R233202A	SWITCHGEAR AND PROTECTION	27	P	D	3.0
7	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	S	2.0
8	R233202D	ELECTRIC DRIVES	26	P	C	3.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	28	P	A	3.0
10	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	26	P	C	3.0
54 . 24035A0213						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	28	P	A	2.0
2	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	20	P	C	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
4	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R233202A	SWITCHGEAR AND PROTECTION	21	P	E	3.0
7	R233202D	ELECTRIC DRIVES	19	P	D	3.0
8	R2332023	POWER SYSTEM ANALYSIS	21	P	C	3.0
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	19	P	C	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	P	B	1.5
55 . 24035A0214						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	16	P	D	3.0
2	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
3	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233202D	ELECTRIC DRIVES	15	P	E	3.0
5	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	22	P	A	2.0
6	R233202A	SWITCHGEAR AND PROTECTION	20	F	F	0.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
8	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	12	P	D	3.0
9	R2332023	POWER SYSTEM ANALYSIS	20	P	D	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	C	1.5
56 . 24035A0215						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
2	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	A	2.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	21	P	C	3.0
4	R233202D	ELECTRIC DRIVES	16	P	E	3.0
5	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
6	R233202A	SWITCHGEAR AND PROTECTION	21	P	E	3.0
7	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R2332023	POWER SYSTEM ANALYSIS	21	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	23	P	B	3.0
10	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	B	1.5
57 . 24035A0216						
1	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	26	P	A	3.0
2	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	27	P	A	3.0
3	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	29	P	S	1.5
4	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	28	P	S	2.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	P	A	1.5
6	R2332023	POWER SYSTEM ANALYSIS	24	P	C	3.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	26	P	B	3.0
8	R233202D	ELECTRIC DRIVES	24	P	D	3.0
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R233202A	SWITCHGEAR AND PROTECTION	25	P	D	3.0
58 . 24035A0217						
1	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
2	R2332023	POWER SYSTEM ANALYSIS	22	P	C	3.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	28	P	A	3.0
4	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	26	P	A	1.5
5	R233202D	ELECTRIC DRIVES	21	P	D	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	B	3.0
7	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	25	P	B	3.0
8	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	S	2.0
9	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R233202A	SWITCHGEAR AND PROTECTION	24	P	D	3.0
59 . 24035A0218						
1	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	P	A	1.5
2	R233202A	SWITCHGEAR AND PROTECTION	27	P	C	3.0
3	R2332023	POWER SYSTEM ANALYSIS	26	P	B	3.0
4	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	30	P	S	2.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	27	P	B	3.0
7	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	27	P	B	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	29	P	B	3.0
9	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
10	R233202D	ELECTRIC DRIVES	26	P	C	3.0
60 . 24035A0219						
1	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	28	P	S	2.0
2	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	25	P	B	3.0
3	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	26	P	C	3.0
4	R233202D	ELECTRIC DRIVES	22	P	D	3.0
5	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R233202A	SWITCHGEAR AND PROTECTION	24	P	D	3.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	28	P	S	1.5
9	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	P	A	1.5
10	R2332023	POWER SYSTEM ANALYSIS	24	P	C	3.0
61 . 24035A0221						
1	R2332023	POWER SYSTEM ANALYSIS	25	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
2	R233202A	SWITCHGEAR AND PROTECTION	21	P	D	3.0
3	R2332021	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	22	P	B	3.0
4	R2332027	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332025	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	P	B	1.5
6	R233202D	ELECTRIC DRIVES	23	P	D	3.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
8	R2332024	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB	27	P	S	1.5
9	R2332022	MICROPROCESSORS AND MICROCONTROLLERS	23	P	C	3.0
10	R2332026	IOT APPLICATIONS OF ELECTRICAL ENGINEERING LAB	21	P	A	2.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

B.Tech. III Year II Semester (R23) Regular April 26

03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

03: MECHANICAL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0301						
1	R233203G	INDUSTRIAL ROBOTICS	21	P	C	3.0
2	R2332033	FINITE ELEMENT METHODS	17	P	D	3.0
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332031	HEAT TRANSFER	17	P	D	3.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	A	2.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	17	P	C	3.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	16	P	E	3.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	24	P	A	1.5
9	R2332034	HEAT TRANSFER LAB	24	P	B	1.5
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	16	P	C	3.0
2 . 23031A0303						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	E	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	24	P	C	3.0
3	R2332034	HEAT TRANSFER LAB	25	P	A	1.5
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
5	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
6	R2332031	HEAT TRANSFER	19	P	C	3.0
7	R233203G	INDUSTRIAL ROBOTICS	28	P	C	3.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	24	P	B	3.0
9	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
10	R2332033	FINITE ELEMENT METHODS	25	P	D	3.0
3 . 23031A0304						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
2	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17	P	C	3.0
3	R233203G	INDUSTRIAL ROBOTICS	17	P	E	3.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	19	P	E	3.0
5	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
6	R2332033	FINITE ELEMENT METHODS	15	P	E	3.0
7	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	D	3.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	23	P	B	1.5
9	R2332031	HEAT TRANSFER	14	P	E	3.0
10	R2332034	HEAT TRANSFER LAB	20	P	B	1.5
4 . 23031A0305						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	16	F	F	0.0
2	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
3	R2332034	HEAT TRANSFER LAB	19	P	B	1.5
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	A	2.0
5	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	A	1.5
6	R233204J	PRINCIPLES OF COMMUNICATIONS	17	F	F	0.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	C	3.0
8	R233203G	INDUSTRIAL ROBOTICS	27	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332033	FINITE ELEMENT METHODS	20	P	E	3.0
10	R2332031	HEAT TRANSFER	7	P	E	3.0
5 . 23031A0306						
1	R2332031	HEAT TRANSFER	10	F	F	0.0
2	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
3	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	15	F	F	0.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	13	F	F	0.0
5	R2332034	HEAT TRANSFER LAB	15	F	F	0.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	22	P	B	2.0
7	R233203G	INDUSTRIAL ROBOTICS	13	F	F	0.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	15	F	F	0.0
9	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	22	P	C	1.5
10	R2332033	FINITE ELEMENT METHODS	13	F	F	0.0
6 . 23031A0307						
1	R2332033	FINITE ELEMENT METHODS	19	F	F	0.0
2	R2332034	HEAT TRANSFER LAB	21	P	A	1.5
3	R233204J	PRINCIPLES OF COMMUNICATIONS	15	P	E	3.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	D	3.0
5	R2332031	HEAT TRANSFER	14	P	E	3.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
7	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
8	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
9	R233203G	INDUSTRIAL ROBOTICS	25	P	C	3.0
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	B	3.0
7 . 23031A0308						
1	R2332033	FINITE ELEMENT METHODS	15	P	D	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	10	P	E	3.0
3	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	B	1.5
4	R2332031	HEAT TRANSFER	11	P	D	3.0
5	R233203B	ADVANCED MANUFACTURING PROCESSES	14	F	F	0.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
7	R2332034	HEAT TRANSFER LAB	20	P	B	1.5
8	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
9	R233203G	INDUSTRIAL ROBOTICS	18	P	E	3.0
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	13	P	D	3.0
8 . 23031A0309						
1	R2332031	HEAT TRANSFER	14	P	C	3.0
2	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
3	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	B	1.5
4	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
5	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
6	R233203G	INDUSTRIAL ROBOTICS	25	P	C	3.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	C	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	D	3.0
9	R2332033	FINITE ELEMENT METHODS	22	P	D	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	E	3.0
9 . 23031A0310						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	16	P	E	3.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	24	P	B	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332034	HEAT TRANSFER LAB	22	P	B	1.5
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	14	P	C	3.0
6	R2332033	FINITE ELEMENT METHODS	12	F	F	0.0
7	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	25	P	A	2.0
8	R2332031	HEAT TRANSFER	12	P	E	3.0
9	R233203G	INDUSTRIAL ROBOTICS	22	P	E	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	15	P	E	3.0
10 . 23031A0312						
1	R233203G	INDUSTRIAL ROBOTICS	20	P	D	3.0
2	R2332033	FINITE ELEMENT METHODS	17	P	E	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	E	3.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	A	1.5
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
6	R233203B	ADVANCED MANUFACTURING PROCESSES	19	P	D	3.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	C	3.0
8	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R2332031	HEAT TRANSFER	17	P	C	3.0
11 . 23031A0313						
1	R2332031	HEAT TRANSFER	15	P	D	3.0
2	R233203G	INDUSTRIAL ROBOTICS	23	P	D	3.0
3	R2332034	HEAT TRANSFER LAB	24	P	B	1.5
4	R2332033	FINITE ELEMENT METHODS	15	P	E	3.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17	P	C	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	17	F	F	0.0
7	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
9	R233203B	ADVANCED MANUFACTURING PROCESSES	18	P	E	3.0
10	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
12 . 23031A0314						
1	R2332033	FINITE ELEMENT METHODS	17	F	F	0.0
2	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
3	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	16	F	F	0.0
4	R233203G	INDUSTRIAL ROBOTICS	21	F	AB	0.0
5	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	A	1.5
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	14	F	AB	0.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	16	F	AB	0.0
9	R2332031	HEAT TRANSFER	11	F	F	0.0
10	R2332034	HEAT TRANSFER LAB	23	P	C	1.5
13 . 23031A0315						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	E	3.0
2	R2332033	FINITE ELEMENT METHODS	19	P	D	3.0
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
6	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
7	R233203G	INDUSTRIAL ROBOTICS	25	P	C	3.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	D	3.0
10	R2332031	HEAT TRANSFER	14	P	C	3.0
14 . 23031A0317						
1	R2332031	HEAT TRANSFER	16	P	E	3.0
2	R233203G	INDUSTRIAL ROBOTICS	19	P	D	3.0
3	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	D	3.0
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	25	P	A	2.0
5	R2332034	HEAT TRANSFER LAB	21	P	B	1.5
6	R233204J	PRINCIPLES OF COMMUNICATIONS	17	P	E	3.0
7	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
8	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
9	R233203B	ADVANCED MANUFACTURING PROCESSES	15	F	F	0.0
10	R2332033	FINITE ELEMENT METHODS	18	P	E	3.0
15 . 23031A0318						
1	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
2	R2332033	FINITE ELEMENT METHODS	20	P	E	3.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	25	P	A	2.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	18	P	E	3.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	17	F	F	0.0
6	R2332034	HEAT TRANSFER LAB	20	F	F	0.0
7	R233203G	INDUSTRIAL ROBOTICS	17	P	C	3.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	B	1.5
9	R2332031	HEAT TRANSFER	18	P	D	3.0
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	D	3.0
16 . 23031A0319						
1	R2332033	FINITE ELEMENT METHODS	22	P	E	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	E	3.0
3	R233203B	ADVANCED MANUFACTURING PROCESSES	18	P	E	3.0
4	R233203G	INDUSTRIAL ROBOTICS	23	P	D	3.0
5	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	29	P	A	1.5
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R2332034	HEAT TRANSFER LAB	23	P	A	1.5
8	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	C	3.0
10	R2332031	HEAT TRANSFER	16	P	C	3.0
17 . 23031A0320						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	E	3.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	A	1.5
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332031	HEAT TRANSFER	20	P	D	3.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	24	P	A	2.0
6	R2332034	HEAT TRANSFER LAB	20	P	B	1.5
7	R233203G	INDUSTRIAL ROBOTICS	17	P	E	3.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18	P	D	3.0
9	R2332033	FINITE ELEMENT METHODS	13	F	F	0.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	14	F	F	0.0
18 . 23031A0321						
1	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	24	P	B	1.5
2	R2332031	HEAT TRANSFER	23	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R2332033	FINITE ELEMENT METHODS	24	P	E	3.0
4	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	C	3.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	27	P	C	3.0
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R233203G	INDUSTRIAL ROBOTICS	29	P	C	3.0
8	R2332034	HEAT TRANSFER LAB	21	P	A	1.5
9	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	29	P	S	2.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	E	3.0
19 . 23031A0322						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	29	P	S	2.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	B	1.5
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332031	HEAT TRANSFER	19	P	D	3.0
5	R233203G	INDUSTRIAL ROBOTICS	26	P	C	3.0
6	R2332033	FINITE ELEMENT METHODS	23	P	D	3.0
7	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
8	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
9	R233203B	ADVANCED MANUFACTURING PROCESSES	17	P	E	3.0
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	B	3.0
20 . 23031A0324						
1	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	E	3.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	S	1.5
5	R2332034	HEAT TRANSFER LAB	25	P	A	1.5
6	R2332033	FINITE ELEMENT METHODS	23	P	B	3.0
7	R2332031	HEAT TRANSFER	19	P	B	3.0
8	R233203G	INDUSTRIAL ROBOTICS	29	P	B	3.0
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	23	P	B	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	19	P	C	3.0
21 . 23031A0325						
1	R233203G	INDUSTRIAL ROBOTICS	27	P	B	3.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
3	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	D	3.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	E	3.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
6	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	B	3.0
7	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
8	R2332033	FINITE ELEMENT METHODS	26	P	D	3.0
9	R2332031	HEAT TRANSFER	20	P	B	3.0
10	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
22 . 23031A0326						
1	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18	P	C	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	15	F	F	0.0
3	R2332031	HEAT TRANSFER	13	P	D	3.0
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	25	P	A	2.0
5	R2332033	FINITE ELEMENT METHODS	16	F	F	0.0
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R2332034	HEAT TRANSFER LAB	20	P	B	1.5
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R233203B	ADVANCED MANUFACTURING PROCESSES	14	F	F	0.0
10	R233203G	INDUSTRIAL ROBOTICS	15	P	E	3.0
23 . 23031A0327						
1	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
2	R233204J	PRINCIPLES OF COMMUNICATIONS	22	F	F	0.0
3	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	23	P	B	3.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
5	R2332031	HEAT TRANSFER	22	P	D	3.0
6	R2332033	FINITE ELEMENT METHODS	22	F	F	0.0
7	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
8	R233203G	INDUSTRIAL ROBOTICS	25	P	B	3.0
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	22	F	F	0.0
24 . 23031A0328						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	E	3.0
2	R233203G	INDUSTRIAL ROBOTICS	22	P	C	3.0
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	16	P	D	3.0
5	R2332031	HEAT TRANSFER	15	P	D	3.0
6	R2332033	FINITE ELEMENT METHODS	20	P	E	3.0
7	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	A	2.0
8	R2332034	HEAT TRANSFER LAB	23	P	B	1.5
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	15	P	C	3.0
10	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
25 . 23031A0329						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	19	P	E	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	17	F	F	0.0
3	R2332031	HEAT TRANSFER	11	P	D	3.0
4	R233203G	INDUSTRIAL ROBOTICS	23	P	D	3.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	A	2.0
6	R2332033	FINITE ELEMENT METHODS	15	F	F	0.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18	P	D	3.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	24	P	B	1.5
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R2332034	HEAT TRANSFER LAB	25	P	B	1.5
26 . 23031A0330						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	15	P	E	3.0
2	R233203B	ADVANCED MANUFACTURING PROCESSES	10	F	F	0.0
3	R2332033	FINITE ELEMENT METHODS	18	F	F	0.0
4	R233203G	INDUSTRIAL ROBOTICS	21	P	D	3.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17	P	D	3.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
7	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	B	1.5
8	R2332034	HEAT TRANSFER LAB	21	P	B	1.5
9	R2332031	HEAT TRANSFER	12	F	F	0.0
10	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
27 . 23031A0331						
1	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R233203G	INDUSTRIAL ROBOTICS	17	P	D	3.0
4	R2332033	FINITE ELEMENT METHODS	23	P	D	3.0
5	R233203B	ADVANCED MANUFACTURING PROCESSES	13	P	E	3.0
6	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17	P	D	3.0
7	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	E	3.0
9	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
10	R2332031	HEAT TRANSFER	15	P	D	3.0
28 . 23031A0332						
1	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	C	3.0
2	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
3	R2332031	HEAT TRANSFER	13	P	E	3.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
6	R233203G	INDUSTRIAL ROBOTICS	20	P	D	3.0
7	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
8	R2332033	FINITE ELEMENT METHODS	17	F	F	0.0
9	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	E	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	11	F	F	0.0
29 . 24035A0301						
1	R2332031	HEAT TRANSFER	22	P	B	3.0
2	R2332034	HEAT TRANSFER LAB	26	P	S	1.5
3	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	29	P	S	1.5
4	R233203G	INDUSTRIAL ROBOTICS	25	P	C	3.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	B	3.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	S	2.0
7	R2332033	FINITE ELEMENT METHODS	26	P	C	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	D	3.0
9	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	E	3.0
10	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
30 . 24035A0302						
1	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
2	R2332031	HEAT TRANSFER	18	P	D	3.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	A	2.0
4	R2332033	FINITE ELEMENT METHODS	20	P	E	3.0
5	R233203G	INDUSTRIAL ROBOTICS	27	P	B	3.0
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
7	R233203B	ADVANCED MANUFACTURING PROCESSES	17	P	E	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	C	3.0
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	B	3.0
10	R2332034	HEAT TRANSFER LAB	22	P	A	1.5
31 . 24035A0303						
1	R233204J	PRINCIPLES OF COMMUNICATIONS	14	P	E	3.0
2	R2332033	FINITE ELEMENT METHODS	16	F	F	0.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
4	R2332034	HEAT TRANSFER LAB	20	P	B	1.5
5	R233203B	ADVANCED MANUFACTURING PROCESSES	17	F	F	0.0
6	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17	P	D	3.0
7	R2332031	HEAT TRANSFER	14	P	D	3.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R233203G	INDUSTRIAL ROBOTICS	24	P	D	3.0
32 . 24035A0304						
1	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
2	R233203B	ADVANCED MANUFACTURING PROCESSES	9	P	E	3.0
3	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	13	P	D	3.0
4	R2332034	HEAT TRANSFER LAB	20	P	B	1.5
5	R2332033	FINITE ELEMENT METHODS	11	P	E	3.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
7	R2332031	HEAT TRANSFER	7	F	F	0.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	10	P	E	3.0
9	R233203G	INDUSTRIAL ROBOTICS	17	P	C	3.0
10	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
33 . 24035A0305						
1	R2332034	HEAT TRANSFER LAB	10	F	F	0.0
2	R2332031	HEAT TRANSFER	9	F	F	0.0
3	R233203B	ADVANCED MANUFACTURING PROCESSES	17	F	AB	0.0
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
5	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
6	R233203G	INDUSTRIAL ROBOTICS	21	F	F	0.0
7	R2332033	FINITE ELEMENT METHODS	12	F	F	0.0
8	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18	P	C	3.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	13	F	AB	0.0
34 . 24035A0306						
1	R233203G	INDUSTRIAL ROBOTICS	21	P	E	3.0
2	R2332031	HEAT TRANSFER	17	P	C	3.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	E	3.0
5	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
6	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	18	P	D	3.0
7	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
8	R2332033	FINITE ELEMENT METHODS	21	F	F	0.0
9	R233203B	ADVANCED MANUFACTURING PROCESSES	16	P	E	3.0
10	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
35 . 24035A0307						
1	R2332034	HEAT TRANSFER LAB	28	P	S	1.5
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	29	P	S	1.5
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332033	FINITE ELEMENT METHODS	28	P	C	3.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	25	P	A	3.0
6	R233203G	INDUSTRIAL ROBOTICS	28	P	A	3.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	D	3.0
8	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	29	P	S	2.0
9	R2332031	HEAT TRANSFER	26	P	A	3.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	27	P	B	3.0
36 . 24035A0308						
1	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
2	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
3	R233203G	INDUSTRIAL ROBOTICS	26	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
4	R233204J	PRINCIPLES OF COMMUNICATIONS	20	F	AB	0.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
6	R2332033	FINITE ELEMENT METHODS	28	P	D	3.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	22	F	F	0.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	C	3.0
9	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
10	R2332031	HEAT TRANSFER	24	P	C	3.0
37 . 24035A0309						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	29	P	S	1.5
3	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	C	3.0
4	R233203G	INDUSTRIAL ROBOTICS	26	P	B	3.0
5	R2332034	HEAT TRANSFER LAB	28	P	S	1.5
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R2332031	HEAT TRANSFER	23	P	C	3.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	C	3.0
9	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	C	3.0
10	R2332033	FINITE ELEMENT METHODS	28	P	C	3.0
38 . 24035A0310						
1	R2332031	HEAT TRANSFER	20	P	E	3.0
2	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	D	3.0
3	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	C	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	D	3.0
7	R2332033	FINITE ELEMENT METHODS	23	F	F	0.0
8	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
9	R233203G	INDUSTRIAL ROBOTICS	24	P	C	3.0
10	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
39 . 24035A0311						
1	R233203G	INDUSTRIAL ROBOTICS	28	P	A	3.0
2	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	23	P	A	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	B	3.0
4	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
5	R2332033	FINITE ELEMENT METHODS	24	P	D	3.0
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	S	1.5
7	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
8	R2332031	HEAT TRANSFER	22	P	B	3.0
9	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	C	3.0
40 . 24035A0312						
1	R233203G	INDUSTRIAL ROBOTICS	26	P	B	3.0
2	R2332031	HEAT TRANSFER	21	P	D	3.0
3	R2332034	HEAT TRANSFER LAB	25	P	A	1.5
4	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	C	3.0
5	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	B	3.0
7	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	29	P	S	2.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	S	1.5
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
10	R2332033	FINITE ELEMENT METHODS	24	P	C	3.0
41 . 24035A0313						
1	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
2	R2332031	HEAT TRANSFER	24	P	C	3.0
3	R2332033	FINITE ELEMENT METHODS	26	P	B	3.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
5	R233203B	ADVANCED MANUFACTURING PROCESSES	17	P	C	3.0
6	R233204J	PRINCIPLES OF COMMUNICATIONS	19	P	C	3.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	C	3.0
8	R233203G	INDUSTRIAL ROBOTICS	22	P	C	3.0
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
42 . 24035A0314						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
2	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	B	3.0
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332033	FINITE ELEMENT METHODS	23	P	D	3.0
5	R233203G	INDUSTRIAL ROBOTICS	28	P	B	3.0
6	R2332031	HEAT TRANSFER	21	P	C	3.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	22	P	D	3.0
8	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
9	R233204J	PRINCIPLES OF COMMUNICATIONS	24	P	B	3.0
10	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	24	P	A	1.5
43 . 24035A0315						
1	R233203G	INDUSTRIAL ROBOTICS	24	P	D	3.0
2	R2332033	FINITE ELEMENT METHODS	25	P	D	3.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
4	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
5	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	C	3.0
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	24	P	A	1.5
7	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
8	R2332031	HEAT TRANSFER	24	P	C	3.0
9	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	22	P	B	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	E	3.0
44 . 24035A0316						
1	R2332031	HEAT TRANSFER	24	P	C	3.0
2	R2332034	HEAT TRANSFER LAB	28	P	S	1.5
3	R2332033	FINITE ELEMENT METHODS	26	P	C	3.0
4	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
5	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	24	P	C	3.0
8	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	C	3.0
9	R233203G	INDUSTRIAL ROBOTICS	28	P	B	3.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	24	P	C	3.0
45 . 24035A0317						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	S	2.0
2	R233203B	ADVANCED MANUFACTURING PROCESSES	17	P	C	3.0
3	R233203G	INDUSTRIAL ROBOTICS	27	P	A	3.0
4	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	25	P	A	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
7	R2332031	HEAT TRANSFER	21	P	C	3.0
8	R2332034	HEAT TRANSFER LAB	25	P	A	1.5
9	R2332033	FINITE ELEMENT METHODS	25	P	D	3.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	24	P	C	3.0
46 . 24035A0318						
1	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	16	P	D	3.0
2	R233203G	INDUSTRIAL ROBOTICS	22	F	F	0.0
3	R2332031	HEAT TRANSFER	18	F	F	0.0
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	S	2.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	14	P	E	3.0
6	R233203B	ADVANCED MANUFACTURING PROCESSES	20	F	F	0.0
7	R2332033	FINITE ELEMENT METHODS	18	F	F	0.0
8	R2332034	HEAT TRANSFER LAB	23	P	B	1.5
9	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	23	P	B	1.5
10	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
47 . 24035A0319						
1	R233203G	INDUSTRIAL ROBOTICS	21	P	C	3.0
2	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
3	R2332033	FINITE ELEMENT METHODS	23	P	D	3.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	B	1.5
5	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
6	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	C	3.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	E	3.0
8	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	S	2.0
9	R2332031	HEAT TRANSFER	16	P	D	3.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	D	3.0
48 . 24035A0320						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
2	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	C	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	A	3.0
4	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	25	P	A	3.0
5	R233203G	INDUSTRIAL ROBOTICS	26	P	B	3.0
6	R2332033	FINITE ELEMENT METHODS	21	P	D	3.0
7	R2332031	HEAT TRANSFER	23	P	C	3.0
8	R2332034	HEAT TRANSFER LAB	27	P	A	1.5
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	30	P	S	1.5
49 . 24035A0321						
1	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	C	3.0
2	R233203G	INDUSTRIAL ROBOTICS	18	P	D	3.0
3	R233203B	ADVANCED MANUFACTURING PROCESSES	17	F	F	0.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	15	F	F	0.0
5	R2332034	HEAT TRANSFER LAB	20	P	C	1.5
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	B	1.5
7	R2332031	HEAT TRANSFER	15	P	D	3.0
8	R2332033	FINITE ELEMENT METHODS	18	F	F	0.0
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	24	P	A	2.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
50 . 24035A0322						
1	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
2	R233203B	ADVANCED MANUFACTURING PROCESSES	17	P	E	3.0
3	R2332031	HEAT TRANSFER	20	F	F	0.0
4	R233203G	INDUSTRIAL ROBOTICS	25	P	D	3.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	C	3.0
6	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
7	R2332033	FINITE ELEMENT METHODS	20	F	F	0.0
8	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	A	2.0
9	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
10	R233204J	PRINCIPLES OF COMMUNICATIONS	18	F	F	0.0
51 . 24035A0323						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	C	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	25	P	C	3.0
3	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	S	1.5
4	R233203G	INDUSTRIAL ROBOTICS	28	P	B	3.0
5	R2332034	HEAT TRANSFER LAB	27	P	A	1.5
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	29	P	S	2.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	26	P	A	3.0
9	R2332033	FINITE ELEMENT METHODS	25	P	D	3.0
10	R2332031	HEAT TRANSFER	28	P	C	3.0
52 . 24035A0324						
1	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	29	P	S	1.5
2	R2332034	HEAT TRANSFER LAB	27	P	A	1.5
3	R2332033	FINITE ELEMENT METHODS	26	P	D	3.0
4	R233204J	PRINCIPLES OF COMMUNICATIONS	21	P	D	3.0
5	R2332031	HEAT TRANSFER	19	P	D	3.0
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	C	3.0
8	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	30	P	S	2.0
9	R233203G	INDUSTRIAL ROBOTICS	26	P	C	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	20	P	D	3.0
53 . 24035A0325						
1	R233203G	INDUSTRIAL ROBOTICS	27	P	C	3.0
2	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	B	3.0
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332034	HEAT TRANSFER LAB	27	P	A	1.5
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	S	2.0
6	R2332031	HEAT TRANSFER	20	P	C	3.0
7	R2332033	FINITE ELEMENT METHODS	25	P	C	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	23	P	D	3.0
9	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	25	P	A	1.5
10	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	C	3.0
54 . 24035A0326						
1	R233203G	INDUSTRIAL ROBOTICS	24	P	C	3.0
2	R2332033	FINITE ELEMENT METHODS	22	P	E	3.0
3	R233204J	PRINCIPLES OF COMMUNICATIONS	17	P	E	3.0
4	R233203B	ADVANCED MANUFACTURING PROCESSES	18	P	E	3.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
7	R2332031	HEAT TRANSFER	19	P	D	3.0
8	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
9	R2332034	HEAT TRANSFER LAB	25	P	A	1.5
10	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0
55 . 24035A0327						
1	R233203G	INDUSTRIAL ROBOTICS	22	P	C	3.0
2	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
3	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	E	3.0
4	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	26	P	A	1.5
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	S	2.0
6	R2332033	FINITE ELEMENT METHODS	24	P	D	3.0
7	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	B	3.0
9	R2332031	HEAT TRANSFER	19	P	D	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	15	P	D	3.0
56 . 24035A0328						
1	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
2	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332033	FINITE ELEMENT METHODS	22	P	D	3.0
5	R233204J	PRINCIPLES OF COMMUNICATIONS	22	P	C	3.0
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	30	P	S	1.5
7	R233203G	INDUSTRIAL ROBOTICS	27	P	D	3.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	24	P	A	3.0
9	R2332031	HEAT TRANSFER	20	P	B	3.0
10	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	D	3.0
57 . 24035A0329						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	C	3.0
2	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	S	1.5
3	R2332034	HEAT TRANSFER LAB	27	P	A	1.5
4	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	25	P	A	3.0
6	R2332031	HEAT TRANSFER	22	P	B	3.0
7	R2332033	FINITE ELEMENT METHODS	25	P	D	3.0
8	R233204J	PRINCIPLES OF COMMUNICATIONS	26	P	C	3.0
9	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
10	R233203G	INDUSTRIAL ROBOTICS	29	P	B	3.0
58 . 24035A0330						
1	R2332031	HEAT TRANSFER	22	P	C	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	E	3.0
3	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	27	P	S	2.0
4	R2332033	FINITE ELEMENT METHODS	26	P	C	3.0
5	R2332034	HEAT TRANSFER LAB	27	P	A	1.5
6	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
7	R233203B	ADVANCED MANUFACTURING PROCESSES	18	P	E	3.0
8	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	S	1.5
9	R233203G	INDUSTRIAL ROBOTICS	25	P	C	3.0
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	20	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
59 . 24035A0332						
1	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	S	1.5
2	R233203G	INDUSTRIAL ROBOTICS	27	P	B	3.0
3	R2332031	HEAT TRANSFER	25	P	B	3.0
4	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	25	P	B	3.0
6	R2332034	HEAT TRANSFER LAB	25	P	A	1.5
7	R2332033	FINITE ELEMENT METHODS	28	P	C	3.0
8	R233203B	ADVANCED MANUFACTURING PROCESSES	23	P	C	3.0
9	R233204J	PRINCIPLES OF COMMUNICATIONS	27	P	B	3.0
10	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
60 . 24035A0333						
1	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	27	P	A	1.5
2	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
3	R2332031	HEAT TRANSFER	16	P	D	3.0
4	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	25	P	A	2.0
5	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	21	P	B	3.0
6	R233203B	ADVANCED MANUFACTURING PROCESSES	19	P	D	3.0
7	R2332033	FINITE ELEMENT METHODS	25	P	D	3.0
8	R233203G	INDUSTRIAL ROBOTICS	22	P	C	3.0
9	R2332034	HEAT TRANSFER LAB	24	P	A	1.5
10	R233204J	PRINCIPLES OF COMMUNICATIONS	18	P	E	3.0
61 . 24035A0334						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	22	P	E	3.0
2	R233204J	PRINCIPLES OF COMMUNICATIONS	28	P	A	3.0
3	R2332034	HEAT TRANSFER LAB	27	P	S	1.5
4	R2332033	FINITE ELEMENT METHODS	28	P	A	3.0
5	R2332031	HEAT TRANSFER	25	P	C	3.0
6	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	29	P	S	2.0
7	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	28	P	A	3.0
8	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
9	R233203G	INDUSTRIAL ROBOTICS	29	P	B	3.0
10	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
62 . 24035A0335						
1	R2332034	HEAT TRANSFER LAB	28	P	A	1.5
2	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	D	3.0
3	R2332031	HEAT TRANSFER	19	P	D	3.0
4	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	28	P	S	2.0
6	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	29	P	S	1.5
7	R233203B	ADVANCED MANUFACTURING PROCESSES	21	P	C	3.0
8	R233203G	INDUSTRIAL ROBOTICS	27	P	B	3.0
9	R2332033	FINITE ELEMENT METHODS	23	P	B	3.0
10	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	19	P	C	3.0
63 . 24035A0336						
1	R233203B	ADVANCED MANUFACTURING PROCESSES	22	P	E	3.0
2	R2332033	FINITE ELEMENT METHODS	20	P	C	3.0
3	R2332037	TECHNICAL PAPER WRITING AND IPR	-4	P	CM	0.0
4	R2332031	HEAT TRANSFER	17	P	E	3.0
5	R2332036	ROBOTICS AND DRONE TECHNOLOGIES LAB	26	P	A	2.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
6	R2332034	HEAT TRANSFER LAB	26	P	A	1.5
7	R233203G	INDUSTRIAL ROBOTICS	24	P	C	3.0
8	R2332032	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17	P	D	3.0
9	R2332035	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	28	P	A	1.5
10	R233204J	PRINCIPLES OF COMMUNICATIONS	20	P	E	3.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

B.Tech. III Year II Semester (R23) Regular April 26

03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0401						
1	R2332044	VLSI DESIGN LAB	22	P	B	1.5
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	22	P	E	3.0
3	R2332041	VLSI DESIGN	21	P	E	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332043	DIGITAL SIGNAL PROCESSING	21	P	D	3.0
6	R2332046	MACHINE LEARNING LAB	24	P	B	2.0
7	R233204D	MACHINE LEARNING	29	F	F	0.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	24	P	B	1.5
9	R233204G	EMBEDDED SYSTEMS	22	F	F	0.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	17	P	D	3.0
2 . 23031A0402						
1	R2332046	MACHINE LEARNING LAB	27	P	S	2.0
2	R2332044	VLSI DESIGN LAB	26	P	S	1.5
3	R2332041	VLSI DESIGN	26	P	C	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	25	P	B	3.0
6	R2332043	DIGITAL SIGNAL PROCESSING	22	P	C	3.0
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	S	1.5
8	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	C	3.0
9	R233204D	MACHINE LEARNING	27	P	B	3.0
10	R233204G	EMBEDDED SYSTEMS	19	P	D	3.0
3 . 23031A0403						
1	R2332044	VLSI DESIGN LAB	25	P	A	1.5
2	R233204G	EMBEDDED SYSTEMS	22	P	D	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	25	P	A	1.5
5	R2332043	DIGITAL SIGNAL PROCESSING	18	P	D	3.0
6	R2332046	MACHINE LEARNING LAB	24	P	B	2.0
7	R2332041	VLSI DESIGN	22	P	D	3.0
8	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	18	P	D	3.0
9	R233204D	MACHINE LEARNING	22	F	F	0.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	23	P	C	3.0
4 . 23031A0404						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R233204G	EMBEDDED SYSTEMS	21	P	C	3.0
3	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	19	P	C	3.0
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	25	P	A	3.0
6	R233204D	MACHINE LEARNING	19	P	E	3.0
7	R2332043	DIGITAL SIGNAL PROCESSING	23	P	D	3.0
8	R2332041	VLSI DESIGN	18	P	D	3.0
9	R2332044	VLSI DESIGN LAB	24	P	A	1.5
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5 . 23031A0405						
1	R2332041	VLSI DESIGN	16	P	E	3.0
2	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	21	P	A	1.5
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233204G	EMBEDDED SYSTEMS	19	P	D	3.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	22	P	D	3.0
6	R233204D	MACHINE LEARNING	15	F	F	0.0
7	R2332044	VLSI DESIGN LAB	23	P	A	1.5
8	R2332046	MACHINE LEARNING LAB	24	P	A	2.0
9	R2332043	DIGITAL SIGNAL PROCESSING	13	P	E	3.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	21	P	C	3.0
6 . 23031A0406						
1	R2332043	DIGITAL SIGNAL PROCESSING	24	P	B	3.0
2	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	S	1.5
5	R2332044	VLSI DESIGN LAB	27	P	A	1.5
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
7	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	B	3.0
8	R233204G	EMBEDDED SYSTEMS	25	P	B	3.0
9	R233204D	MACHINE LEARNING	24	P	C	3.0
10	R2332041	VLSI DESIGN	23	P	C	3.0
7 . 23031A0407						
1	R233204D	MACHINE LEARNING	21	P	C	3.0
2	R2332043	DIGITAL SIGNAL PROCESSING	15	P	C	3.0
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	22	P	C	3.0
4	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
5	R233204G	EMBEDDED SYSTEMS	17	P	D	3.0
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	23	P	B	3.0
7	R2332041	VLSI DESIGN	17	P	D	3.0
8	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332044	VLSI DESIGN LAB	22	P	A	1.5
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	A	1.5
8 . 23031A0408						
1	R2332042	MICROPROCESSORS & MICROCONTROLLERS	20	P	D	3.0
2	R2332041	VLSI DESIGN	11	P	E	3.0
3	R2332046	MACHINE LEARNING LAB	19	P	C	2.0
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	18	P	E	3.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	25	P	A	1.5
6	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R2332043	DIGITAL SIGNAL PROCESSING	9	P	E	3.0
8	R233204D	MACHINE LEARNING	18	F	F	0.0
9	R233204G	EMBEDDED SYSTEMS	15	P	E	3.0
10	R2332044	VLSI DESIGN LAB	25	P	A	1.5
9 . 23031A0409						
1	R2332043	DIGITAL SIGNAL PROCESSING	16	P	C	3.0
2	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R2332041	VLSI DESIGN	18	P	D	3.0
4	R2332042	MICROPROCESSORS & MICROCONTROLLERS	21	P	B	3.0
5	R233204G	EMBEDDED SYSTEMS	14	P	E	3.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	D	3.0
7	R233204D	MACHINE LEARNING	17	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
8	R2332046	MACHINE LEARNING LAB	23	P	B	2.0
9	R2332044	VLSI DESIGN LAB	23	P	A	1.5
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	23	P	B	1.5
10 . 23031A0410						
1	R233204D	MACHINE LEARNING	15	P	D	3.0
2	R2332043	DIGITAL SIGNAL PROCESSING	18	P	D	3.0
3	R233204G	EMBEDDED SYSTEMS	16	F	F	0.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	19	P	C	3.0
6	R2332044	VLSI DESIGN LAB	24	P	A	1.5
7	R2332046	MACHINE LEARNING LAB	23	P	B	2.0
8	R2332041	VLSI DESIGN	16	P	E	3.0
9	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	D	3.0
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	24	P	A	1.5
11 . 23031A0411						
1	R233204D	MACHINE LEARNING	15	F	F	0.0
2	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	19	P	C	3.0
4	R2332044	VLSI DESIGN LAB	26	P	S	1.5
5	R233204G	EMBEDDED SYSTEMS	17	P	D	3.0
6	R2332043	DIGITAL SIGNAL PROCESSING	20	P	D	3.0
7	R2332042	MICROPROCESSORS & MICROCONTROLLERS	22	P	C	3.0
8	R2332046	MACHINE LEARNING LAB	26	P	A	2.0
9	R2332041	VLSI DESIGN	22	P	D	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
12 . 23031A0412						
1	R233204D	MACHINE LEARNING	24	P	B	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	26	P	B	3.0
3	R233204G	EMBEDDED SYSTEMS	17	P	E	3.0
4	R2332043	DIGITAL SIGNAL PROCESSING	20	P	D	3.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	22	P	C	3.0
6	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R2332041	VLSI DESIGN	16	P	D	3.0
8	R2332044	VLSI DESIGN LAB	23	P	A	1.5
9	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
10	R2332046	MACHINE LEARNING LAB	28	P	A	2.0
13 . 23031A0413						
1	R2332041	VLSI DESIGN	18	P	E	3.0
2	R2332043	DIGITAL SIGNAL PROCESSING	19	P	E	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	19	P	E	3.0
6	R233204D	MACHINE LEARNING	21	F	F	0.0
7	R233204G	EMBEDDED SYSTEMS	16	P	D	3.0
8	R2332042	MICROPROCESSORS & MICROCONTROLLERS	22	P	C	3.0
9	R2332044	VLSI DESIGN LAB	24	P	A	1.5
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	23	P	B	1.5
14 . 23031A0414						
1	R2332041	VLSI DESIGN	19	P	D	3.0
2	R2332044	VLSI DESIGN LAB	24	P	A	1.5
3	R233204D	MACHINE LEARNING	23	P	D	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	21	P	C	3.0
6	R2332043	DIGITAL SIGNAL PROCESSING	15	P	E	3.0
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	24	P	A	1.5
8	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	D	3.0
9	R2332046	MACHINE LEARNING LAB	24	P	B	2.0
10	R233204G	EMBEDDED SYSTEMS	15	P	D	3.0
15 . 23031A0415						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332041	VLSI DESIGN	17	P	E	3.0
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	B	3.0
4	R233204G	EMBEDDED SYSTEMS	19	P	D	3.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
6	R2332043	DIGITAL SIGNAL PROCESSING	25	P	B	3.0
7	R2332042	MICROPROCESSORS & MICROCONTROLLERS	24	P	B	3.0
8	R233204D	MACHINE LEARNING	26	P	C	3.0
9	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
10	R2332044	VLSI DESIGN LAB	15	P	B	1.5
16 . 23031A0416						
1	R2332043	DIGITAL SIGNAL PROCESSING	25	P	B	3.0
2	R2332041	VLSI DESIGN	23	P	C	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	S	1.5
5	R2332044	VLSI DESIGN LAB	28	P	S	1.5
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	C	3.0
7	R233204D	MACHINE LEARNING	23	P	D	3.0
8	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	26	P	C	3.0
10	R233204G	EMBEDDED SYSTEMS	20	P	C	3.0
17 . 23031A0418						
1	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
2	R2332043	DIGITAL SIGNAL PROCESSING	17	P	E	3.0
3	R2332042	MICROPROCESSORS & MICROCONTROLLERS	22	P	B	3.0
4	R2332044	VLSI DESIGN LAB	23	P	A	1.5
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332041	VLSI DESIGN	18	P	D	3.0
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	A	1.5
8	R233204D	MACHINE LEARNING	21	P	D	3.0
9	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	22	P	C	3.0
10	R233204G	EMBEDDED SYSTEMS	18	P	D	3.0
18 . 23031A0419						
1	R2332046	MACHINE LEARNING LAB	23	P	A	2.0
2	R233204D	MACHINE LEARNING	19	P	E	3.0
3	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	24	P	A	1.5
4	R233204G	EMBEDDED SYSTEMS	19	F	F	0.0
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	21	P	D	3.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	20	P	D	3.0
7	R2332044	VLSI DESIGN LAB	22	P	B	1.5
8	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332041	VLSI DESIGN	16	P	E	3.0
10	R2332043	DIGITAL SIGNAL PROCESSING	17	P	E	3.0
19 . 23031A0421						
1	R2332046	MACHINE LEARNING LAB	23	P	B	2.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
2	R2332041	VLSI DESIGN	20	P	E	3.0
3	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	22	P	B	1.5
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	19	P	B	3.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	20	P	C	3.0
7	R2332043	DIGITAL SIGNAL PROCESSING	23	P	C	3.0
8	R233204G	EMBEDDED SYSTEMS	19	P	C	3.0
9	R2332044	VLSI DESIGN LAB	20	P	B	1.5
10	R233204D	MACHINE LEARNING	20	P	E	3.0
20 . 23031A0422						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332044	VLSI DESIGN LAB	20	P	B	1.5
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	D	3.0
4	R2332043	DIGITAL SIGNAL PROCESSING	16	P	D	3.0
5	R2332041	VLSI DESIGN	21	P	E	3.0
6	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
7	R233204D	MACHINE LEARNING	19	P	C	3.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	23	P	B	1.5
9	R233204G	EMBEDDED SYSTEMS	21	P	D	3.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	19	P	B	3.0
21 . 23031A0423						
1	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
2	R2332043	DIGITAL SIGNAL PROCESSING	18	P	E	3.0
3	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	S	1.5
4	R2332044	VLSI DESIGN LAB	20	P	B	1.5
5	R233204D	MACHINE LEARNING	23	F	F	0.0
6	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R233204G	EMBEDDED SYSTEMS	21	P	B	3.0
8	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	C	3.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	21	P	C	3.0
10	R2332041	VLSI DESIGN	20	P	D	3.0
22 . 23031A0424						
1	R233204D	MACHINE LEARNING	18	P	D	3.0
2	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	23	P	B	1.5
4	R2332041	VLSI DESIGN	11	P	E	3.0
5	R2332046	MACHINE LEARNING LAB	22	P	A	2.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	14	P	D	3.0
7	R233204G	EMBEDDED SYSTEMS	12	P	E	3.0
8	R2332043	DIGITAL SIGNAL PROCESSING	11	P	E	3.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	9	P	C	3.0
10	R2332044	VLSI DESIGN LAB	20	P	B	1.5
23 . 23031A0425						
1	R2332044	VLSI DESIGN LAB	22	P	B	1.5
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	C	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332041	VLSI DESIGN	13	P	E	3.0
5	R2332043	DIGITAL SIGNAL PROCESSING	13	P	E	3.0
6	R233204G	EMBEDDED SYSTEMS	14	P	E	3.0
7	R233204D	MACHINE LEARNING	21	P	D	3.0
8	R2332046	MACHINE LEARNING LAB	23	P	B	2.0
9	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	23	P	B	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	15	P	C	3.0
24 . 23031A0426						
1	R2332042	MICROPROCESSORS & MICROCONTROLLERS	25	P	A	3.0
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	B	3.0
3	R233204D	MACHINE LEARNING	20	P	D	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	S	1.5
6	R2332041	VLSI DESIGN	20	P	D	3.0
7	R2332046	MACHINE LEARNING LAB	24	P	A	2.0
8	R2332043	DIGITAL SIGNAL PROCESSING	24	P	B	3.0
9	R233204G	EMBEDDED SYSTEMS	25	P	C	3.0
10	R2332044	VLSI DESIGN LAB	24	P	A	1.5
25 . 23031A0428						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	25	P	S	1.5
3	R2332043	DIGITAL SIGNAL PROCESSING	22	P	C	3.0
4	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
5	R2332044	VLSI DESIGN LAB	23	P	A	1.5
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	B	3.0
7	R233204D	MACHINE LEARNING	21	P	B	3.0
8	R2332041	VLSI DESIGN	24	P	D	3.0
9	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	B	3.0
10	R233204G	EMBEDDED SYSTEMS	24	P	C	3.0
26 . 23031A0429						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	27	P	C	3.0
2	R233204G	EMBEDDED SYSTEMS	22	P	C	3.0
3	R2332041	VLSI DESIGN	20	P	E	3.0
4	R233204D	MACHINE LEARNING	25	P	D	3.0
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	C	3.0
7	R2332043	DIGITAL SIGNAL PROCESSING	25	P	C	3.0
8	R2332044	VLSI DESIGN LAB	24	P	A	1.5
9	R2332046	MACHINE LEARNING LAB	28	P	A	2.0
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
27 . 23031A0430						
1	R2332044	VLSI DESIGN LAB	24	P	A	1.5
2	R233204D	MACHINE LEARNING	21	P	D	3.0
3	R2332041	VLSI DESIGN	24	P	E	3.0
4	R233204G	EMBEDDED SYSTEMS	24	P	D	3.0
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	C	3.0
7	R2332043	DIGITAL SIGNAL PROCESSING	24	P	B	3.0
8	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
9	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	B	3.0
28 . 23031A0431						
1	R233204D	MACHINE LEARNING	21	P	E	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	24	P	C	3.0
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	D	3.0
4	R2332044	VLSI DESIGN LAB	21	P	A	1.5
5	R233204G	EMBEDDED SYSTEMS	19	P	D	3.0
6	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	A	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
7	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
8	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332043	DIGITAL SIGNAL PROCESSING	16	P	E	3.0
10	R2332041	VLSI DESIGN	15	P	E	3.0
29 . 23031A0432						
1	R2332043	DIGITAL SIGNAL PROCESSING	14	P	D	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	18	P	C	3.0
3	R2332041	VLSI DESIGN	15	P	E	3.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	23	P	A	1.5
5	R2332044	VLSI DESIGN LAB	23	P	A	1.5
6	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R233204D	MACHINE LEARNING	16	F	F	0.0
8	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
9	R233204G	EMBEDDED SYSTEMS	21	P	D	3.0
10	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	D	3.0
30 . 23031A0433						
1	R2332044	VLSI DESIGN LAB	21	P	A	1.5
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	B	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	28	P	B	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	A	1.5
6	R2332041	VLSI DESIGN	17	P	E	3.0
7	R233204D	MACHINE LEARNING	29	P	C	3.0
8	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
9	R233204G	EMBEDDED SYSTEMS	23	P	D	3.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	23	P	B	3.0
31 . 23031A0434						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	26	P	B	3.0
2	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R233204D	MACHINE LEARNING	23	F	F	0.0
4	R2332043	DIGITAL SIGNAL PROCESSING	24	P	D	3.0
5	R233204G	EMBEDDED SYSTEMS	24	P	E	3.0
6	R2332044	VLSI DESIGN LAB	26	P	S	1.5
7	R2332041	VLSI DESIGN	22	P	D	3.0
8	R2332046	MACHINE LEARNING LAB	27	P	S	2.0
9	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	C	3.0
32 . 23031A0435						
1	R233204D	MACHINE LEARNING	22	P	D	3.0
2	R2332041	VLSI DESIGN	25	P	D	3.0
3	R2332042	MICROPROCESSORS & MICROCONTROLLERS	24	P	C	3.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	A	1.5
5	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
6	R2332044	VLSI DESIGN LAB	26	P	S	1.5
7	R233204G	EMBEDDED SYSTEMS	22	P	D	3.0
8	R2332043	DIGITAL SIGNAL PROCESSING	26	P	C	3.0
9	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	22	P	B	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
33 . 23031A0437						
1	R2332044	VLSI DESIGN LAB	22	P	B	1.5
2	R233204D	MACHINE LEARNING	19	F	F	0.0
3	R2332043	DIGITAL SIGNAL PROCESSING	13	P	E	3.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
4	R233204G	EMBEDDED SYSTEMS	13	P	E	3.0
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	D	3.0
7	R2332041	VLSI DESIGN	10	F	F	0.0
8	R2332042	MICROPROCESSORS & MICROCONTROLLERS	16	P	D	3.0
9	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	22	P	B	1.5
34 . 23031A0438						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	S	1.5
3	R2332043	DIGITAL SIGNAL PROCESSING	23	P	B	3.0
4	R2332042	MICROPROCESSORS & MICROCONTROLLERS	26	P	B	3.0
5	R2332044	VLSI DESIGN LAB	25	P	S	1.5
6	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
7	R233204D	MACHINE LEARNING	22	P	B	3.0
8	R233204G	EMBEDDED SYSTEMS	23	P	C	3.0
9	R2332041	VLSI DESIGN	25	P	D	3.0
10	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	B	3.0
35 . 23031A0439						
1	R2332041	VLSI DESIGN	22	P	D	3.0
2	R233204D	MACHINE LEARNING	19	P	E	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233204G	EMBEDDED SYSTEMS	20	P	D	3.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	C	3.0
6	R2332044	VLSI DESIGN LAB	24	P	S	1.5
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5
8	R2332046	MACHINE LEARNING LAB	27	P	S	2.0
9	R2332043	DIGITAL SIGNAL PROCESSING	22	P	B	3.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	A	3.0
36 . 23031A0440						
1	R2332044	VLSI DESIGN LAB	25	P	S	1.5
2	R233204D	MACHINE LEARNING	22	P	E	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	C	3.0
5	R2332043	DIGITAL SIGNAL PROCESSING	24	P	C	3.0
6	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5
7	R2332042	MICROPROCESSORS & MICROCONTROLLERS	25	P	C	3.0
8	R2332041	VLSI DESIGN	23	P	D	3.0
9	R2332046	MACHINE LEARNING LAB	26	P	S	2.0
10	R233204G	EMBEDDED SYSTEMS	19	P	D	3.0
37 . 23031A0441						
1	R2332046	MACHINE LEARNING LAB	24	P	B	2.0
2	R2332041	VLSI DESIGN	15	P	E	3.0
3	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	25	P	A	1.5
4	R2332043	DIGITAL SIGNAL PROCESSING	14	P	E	3.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	17	P	E	3.0
6	R233204D	MACHINE LEARNING	19	F	F	0.0
7	R2332042	MICROPROCESSORS & MICROCONTROLLERS	20	P	D	3.0
8	R233204G	EMBEDDED SYSTEMS	11	F	F	0.0
9	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332044	VLSI DESIGN LAB	20	P	B	1.5
38 . 23031A0442						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R2332043	DIGITAL SIGNAL PROCESSING	19	P	C	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	20	P	D	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	S	1.5
5	R2332044	VLSI DESIGN LAB	22	P	A	1.5
6	R233204D	MACHINE LEARNING	20	P	E	3.0
7	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	C	3.0
8	R2332046	MACHINE LEARNING LAB	26	P	A	2.0
9	R2332041	VLSI DESIGN	20	P	E	3.0
10	R233204G	EMBEDDED SYSTEMS	20	P	C	3.0
39 . 23031A0443						
1	R233204G	EMBEDDED SYSTEMS	18	P	D	3.0
2	R2332041	VLSI DESIGN	12	P	E	3.0
3	R233204D	MACHINE LEARNING	24	P	A	3.0
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	15	P	D	3.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	24	P	B	1.5
6	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
7	R2332046	MACHINE LEARNING LAB	26	P	A	2.0
8	R2332044	VLSI DESIGN LAB	22	P	B	1.5
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	16	P	D	3.0
10	R2332043	DIGITAL SIGNAL PROCESSING	21	P	C	3.0
40 . 23031A0444						
1	R2332044	VLSI DESIGN LAB	28	P	S	1.5
2	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
3	R2332043	DIGITAL SIGNAL PROCESSING	29	P	B	3.0
4	R2332042	MICROPROCESSORS & MICROCONTROLLERS	30	P	B	3.0
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R233204D	MACHINE LEARNING	25	P	D	3.0
7	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	28	P	A	3.0
8	R233204G	EMBEDDED SYSTEMS	25	P	C	3.0
9	R2332041	VLSI DESIGN	25	P	D	3.0
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
41 . 23031A0445						
1	R2332042	MICROPROCESSORS & MICROCONTROLLERS	28	P	C	3.0
2	R2332044	VLSI DESIGN LAB	27	P	S	1.5
3	R233204D	MACHINE LEARNING	24	P	C	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
6	R2332043	DIGITAL SIGNAL PROCESSING	28	P	B	3.0
7	R233204G	EMBEDDED SYSTEMS	25	P	C	3.0
8	R2332041	VLSI DESIGN	24	P	C	3.0
9	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	27	P	B	3.0
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
42 . 23031A0446						
1	R2332043	DIGITAL SIGNAL PROCESSING	21	P	C	3.0
2	R233204G	EMBEDDED SYSTEMS	24	P	B	3.0
3	R2332041	VLSI DESIGN	20	P	D	3.0
4	R233204D	MACHINE LEARNING	23	P	C	3.0
5	R2332044	VLSI DESIGN LAB	23	P	A	1.5
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	D	3.0
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5
8	R2332046	MACHINE LEARNING LAB	25	P	A	2.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	23	P	B	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
43 . 23031A0447						
1	R2332041	VLSI DESIGN	22	P	D	3.0
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	C	3.0
3	R2332044	VLSI DESIGN LAB	25	P	S	1.5
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	S	1.5
5	R233204G	EMBEDDED SYSTEMS	25	P	A	3.0
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
7	R233204D	MACHINE LEARNING	26	P	B	3.0
8	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
9	R2332043	DIGITAL SIGNAL PROCESSING	22	P	D	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
44 . 23031A0448						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	14	P	E	3.0
2	R2332041	VLSI DESIGN	15	P	E	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332044	VLSI DESIGN LAB	24	P	A	1.5
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	A	1.5
6	R233204G	EMBEDDED SYSTEMS	16	P	D	3.0
7	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
8	R2332043	DIGITAL SIGNAL PROCESSING	17	P	D	3.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	23	P	C	3.0
10	R233204D	MACHINE LEARNING	21	P	D	3.0
45 . 23031A0449						
1	R233204G	EMBEDDED SYSTEMS	15	P	D	3.0
2	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	S	1.5
3	R233204D	MACHINE LEARNING	25	P	B	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	D	3.0
6	R2332044	VLSI DESIGN LAB	22	P	A	1.5
7	R2332046	MACHINE LEARNING LAB	26	P	A	2.0
8	R2332042	MICROPROCESSORS & MICROCONTROLLERS	24	P	B	3.0
9	R2332043	DIGITAL SIGNAL PROCESSING	20	P	D	3.0
10	R2332041	VLSI DESIGN	20	P	D	3.0
46 . 23031A0450						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	27	P	B	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	26	P	C	3.0
4	R233204G	EMBEDDED SYSTEMS	23	P	B	3.0
5	R2332044	VLSI DESIGN LAB	28	P	S	1.5
6	R233204D	MACHINE LEARNING	27	P	B	3.0
7	R2332041	VLSI DESIGN	25	P	C	3.0
8	R2332042	MICROPROCESSORS & MICROCONTROLLERS	24	P	A	3.0
9	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
10	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
47 . 23031A0451						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	D	3.0
2	R233204D	MACHINE LEARNING	21	P	D	3.0
3	R233204G	EMBEDDED SYSTEMS	14	P	E	3.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	25	P	B	1.5
5	R2332043	DIGITAL SIGNAL PROCESSING	18	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	20	P	C	3.0
7	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
9	R2332041	VLSI DESIGN	15	P	E	3.0
10	R2332044	VLSI DESIGN LAB	24	P	A	1.5
48 . 23031A0452						
1	R2332041	VLSI DESIGN	19	P	D	3.0
2	R233204G	EMBEDDED SYSTEMS	18	P	D	3.0
3	R2332044	VLSI DESIGN LAB	24	P	A	1.5
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	20	P	C	3.0
5	R2332042	MICROPROCESSORS & MICROCONTROLLERS	17	P	D	3.0
6	R233204D	MACHINE LEARNING	18	P	D	3.0
7	R2332043	DIGITAL SIGNAL PROCESSING	20	P	D	3.0
8	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5
10	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
49 . 23031A0453						
1	R233204G	EMBEDDED SYSTEMS	21	P	C	3.0
2	R2332041	VLSI DESIGN	18	P	D	3.0
3	R233204D	MACHINE LEARNING	21	P	C	3.0
4	R2332043	DIGITAL SIGNAL PROCESSING	26	P	C	3.0
5	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	C	3.0
6	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
7	R2332042	MICROPROCESSORS & MICROCONTROLLERS	25	P	A	3.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
9	R2332044	VLSI DESIGN LAB	24	P	A	1.5
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
50 . 23031A0454						
1	R2332044	VLSI DESIGN LAB	25	P	S	1.5
2	R233204D	MACHINE LEARNING	22	P	C	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	20	P	D	3.0
4	R2332041	VLSI DESIGN	20	P	D	3.0
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
7	R233204G	EMBEDDED SYSTEMS	20	P	B	3.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	S	1.5
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	B	3.0
10	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	20	P	B	3.0
51 . 23031A0455						
1	R2332044	VLSI DESIGN LAB	23	P	A	1.5
2	R233204G	EMBEDDED SYSTEMS	19	P	C	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	25	P	A	1.5
5	R2332043	DIGITAL SIGNAL PROCESSING	18	P	D	3.0
6	R2332046	MACHINE LEARNING LAB	28	P	A	2.0
7	R2332042	MICROPROCESSORS & MICROCONTROLLERS	21	P	B	3.0
8	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	D	3.0
9	R233204D	MACHINE LEARNING	24	P	C	3.0
10	R2332041	VLSI DESIGN	19	P	D	3.0
52 . 23031A0456						
1	R2332041	VLSI DESIGN	27	P	B	3.0
2	R2332043	DIGITAL SIGNAL PROCESSING	28	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	29	P	B	3.0
4	R233204D	MACHINE LEARNING	25	P	B	3.0
5	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
6	R2332046	MACHINE LEARNING LAB	27	P	S	2.0
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
8	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
9	R2332044	VLSI DESIGN LAB	26	P	S	1.5
10	R233204G	EMBEDDED SYSTEMS	21	P	C	3.0
53 . 23031A0457						
1	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	28	P	A	3.0
3	R2332042	MICROPROCESSORS & MICROCONTROLLERS	30	P	A	3.0
4	R233204G	EMBEDDED SYSTEMS	26	P	A	3.0
5	R2332041	VLSI DESIGN	27	P	C	3.0
6	R233204D	MACHINE LEARNING	25	P	C	3.0
7	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
8	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R2332043	DIGITAL SIGNAL PROCESSING	30	P	B	3.0
10	R2332044	VLSI DESIGN LAB	28	P	S	1.5
54 . 23031A0458						
1	R233204G	EMBEDDED SYSTEMS	15	P	E	3.0
2	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R2332041	VLSI DESIGN	14	F	F	0.0
4	R2332043	DIGITAL SIGNAL PROCESSING	17	F	F	0.0
5	R2332046	MACHINE LEARNING LAB	23	P	A	2.0
6	R2332044	VLSI DESIGN LAB	23	P	A	1.5
7	R233204D	MACHINE LEARNING	20	P	E	3.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	21	P	B	1.5
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	12	F	F	0.0
10	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	15	P	E	3.0
55 . 23031A0459						
1	R2332042	MICROPROCESSORS & MICROCONTROLLERS	25	P	B	3.0
2	R2332041	VLSI DESIGN	17	P	E	3.0
3	R2332046	MACHINE LEARNING LAB	24	P	A	2.0
4	R233204D	MACHINE LEARNING	22	P	C	3.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	22	P	B	1.5
6	R2332044	VLSI DESIGN LAB	22	P	B	1.5
7	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	23	P	C	3.0
8	R233204G	EMBEDDED SYSTEMS	17	P	D	3.0
9	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332043	DIGITAL SIGNAL PROCESSING	15	P	D	3.0
56 . 24035A0401						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	26	P	B	3.0
2	R233204G	EMBEDDED SYSTEMS	24	P	A	3.0
3	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
4	R2332041	VLSI DESIGN	27	P	D	3.0
5	R2332046	MACHINE LEARNING LAB	30	P	S	2.0
6	R2332042	MICROPROCESSORS & MICROCONTROLLERS	28	P	A	3.0
7	R2332044	VLSI DESIGN LAB	27	P	S	1.5
8	R233204D	MACHINE LEARNING	24	P	D	3.0
9	R2332043	DIGITAL SIGNAL PROCESSING	28	P	B	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
57 . 24035A0402						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	26	P	B	3.0
2	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
3	R2332041	VLSI DESIGN	25	P	D	3.0
4	R233204D	MACHINE LEARNING	25	P	D	3.0
5	R2332043	DIGITAL SIGNAL PROCESSING	28	P	B	3.0
6	R2332044	VLSI DESIGN LAB	26	P	S	1.5
7	R2332046	MACHINE LEARNING LAB	27	P	S	2.0
8	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
9	R233204G	EMBEDDED SYSTEMS	24	P	A	3.0
10	R2332042	MICROPROCESSORS & MICROCONTROLLERS	30	P	A	3.0
58 . 24035A0403						
1	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	B	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	25	P	B	3.0
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	B	3.0
5	R2332044	VLSI DESIGN LAB	23	P	A	1.5
6	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	A	1.5
7	R233204G	EMBEDDED SYSTEMS	23	P	B	3.0
8	R2332041	VLSI DESIGN	22	P	D	3.0
9	R2332046	MACHINE LEARNING LAB	25	P	S	2.0
10	R233204D	MACHINE LEARNING	19	P	D	3.0
59 . 24035A0404						
1	R2332041	VLSI DESIGN	26	P	D	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	21	P	C	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R233204G	EMBEDDED SYSTEMS	22	P	B	3.0
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	B	3.0
7	R2332044	VLSI DESIGN LAB	25	P	S	1.5
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	28	P	A	1.5
9	R233204D	MACHINE LEARNING	23	P	C	3.0
10	R2332046	MACHINE LEARNING LAB	27	P	A	2.0
60 . 24035A0405						
1	R2332043	DIGITAL SIGNAL PROCESSING	18	P	D	3.0
2	R233204G	EMBEDDED SYSTEMS	20	P	C	3.0
3	R2332041	VLSI DESIGN	13	P	E	3.0
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	A	1.5
5	R2332044	VLSI DESIGN LAB	23	P	A	1.5
6	R2332046	MACHINE LEARNING LAB	25	P	A	2.0
7	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	20	P	D	3.0
8	R233204D	MACHINE LEARNING	19	F	F	0.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	24	P	C	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
61 . 24035A0406						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	25	P	B	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	27	P	A	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	21	P	C	3.0
4	R2332044	VLSI DESIGN LAB	23	P	A	1.5
5	R233204G	EMBEDDED SYSTEMS	22	P	C	3.0
6	R233204D	MACHINE LEARNING	24	P	B	3.0
7	R2332041	VLSI DESIGN	21	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
9	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
10	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
62 . 24035A0407						
1	R2332044	VLSI DESIGN LAB	25	P	S	1.5
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	28	P	B	3.0
3	R2332041	VLSI DESIGN	19	P	E	3.0
4	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	26	P	B	3.0
5	R2332043	DIGITAL SIGNAL PROCESSING	19	P	D	3.0
6	R233204G	EMBEDDED SYSTEMS	17	P	C	3.0
7	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R233204D	MACHINE LEARNING	24	P	D	3.0
9	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
10	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
63 . 24035A0408						
1	R2332043	DIGITAL SIGNAL PROCESSING	26	P	D	3.0
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	28	P	C	3.0
3	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
4	R233204G	EMBEDDED SYSTEMS	24	P	B	3.0
5	R2332044	VLSI DESIGN LAB	24	P	A	1.5
6	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	27	P	S	1.5
7	R2332041	VLSI DESIGN	24	P	D	3.0
8	R2332046	MACHINE LEARNING LAB	26	P	A	2.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	26	P	A	3.0
10	R233204D	MACHINE LEARNING	25	P	C	3.0
64 . 24035A0409						
1	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	28	P	A	3.0
2	R2332043	DIGITAL SIGNAL PROCESSING	29	P	B	3.0
3	R2332046	MACHINE LEARNING LAB	25	P	S	2.0
4	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
5	R233204D	MACHINE LEARNING	25	P	C	3.0
6	R2332044	VLSI DESIGN LAB	26	P	S	1.5
7	R233204G	EMBEDDED SYSTEMS	25	P	B	3.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
9	R2332041	VLSI DESIGN	26	P	B	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
65 . 24035A0410						
1	R2332041	VLSI DESIGN	23	P	C	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	28	P	A	3.0
3	R2332043	DIGITAL SIGNAL PROCESSING	21	P	C	3.0
4	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
5	R2332044	VLSI DESIGN LAB	24	P	S	1.5
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	24	P	B	3.0
7	R233204D	MACHINE LEARNING	26	P	B	3.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	29	P	S	1.5
9	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
10	R233204G	EMBEDDED SYSTEMS	21	P	B	3.0
66 . 24035A0411						
1	R2332043	DIGITAL SIGNAL PROCESSING	21	P	C	3.0
2	R2332042	MICROPROCESSORS & MICROCONTROLLERS	23	P	C	3.0
3	R2332041	VLSI DESIGN	16	P	E	3.0
4	R233204D	MACHINE LEARNING	21	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R2332044	VLSI DESIGN LAB	25	P	S	1.5
6	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	21	P	C	3.0
7	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
8	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	26	P	A	1.5
9	R2332046	MACHINE LEARNING LAB	26	P	A	2.0
10	R233204G	EMBEDDED SYSTEMS	21	P	C	3.0

67 . 24035A0412

1	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
2	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0
3	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	28	P	B	3.0
4	R233204G	EMBEDDED SYSTEMS	24	P	A	3.0
5	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
6	R2332044	VLSI DESIGN LAB	28	P	S	1.5
7	R2332043	DIGITAL SIGNAL PROCESSING	30	P	C	3.0
8	R2332041	VLSI DESIGN	28	P	C	3.0
9	R2332046	MACHINE LEARNING LAB	29	P	S	2.0
10	R233204D	MACHINE LEARNING	26	P	A	3.0

68 . 24035A0413

1	R2332043	DIGITAL SIGNAL PROCESSING	28	P	C	3.0
2	R233202G	FUNDAMENTALS OF ELECTRIC VEHICLES	26	P	B	3.0
3	R2332044	VLSI DESIGN LAB	27	P	S	1.5
4	R2332045	MICROPROCESSORS & MICROCONTROLLERS LAB	30	P	S	1.5
5	R233204D	MACHINE LEARNING	27	P	B	3.0
6	R2332046	MACHINE LEARNING LAB	28	P	S	2.0
7	R2332041	VLSI DESIGN	25	P	C	3.0
8	R233204G	EMBEDDED SYSTEMS	23	P	A	3.0
9	R2332042	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
10	R2332047	RESEARCH METHODOLOGY AND IPR	-4	P	CM	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

B.Tech. III Year II Semester (R23) Regular April 26

03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0501						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R2332051	COMPILER DESIGN	25	P	C	3.0
3	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
4	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	C	3.0
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	18	P	C	2.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	20	P	D	3.0
7	R2332052	CLOUD COMPUTING	29	P	B	3.0
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
9	R233205D	MACHINE LEARNING	24	P	A	3.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
2 . 23031A0502						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	17	P	C	2.0
2	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
3	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
4	R2332051	COMPILER DESIGN	24	P	D	3.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	20	P	E	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	P	C	3.0
7	R233205F	SOFTWARE PROJECT MANAGEMENT	21	P	C	3.0
8	R2332052	CLOUD COMPUTING	28	P	D	3.0
9	R233205D	MACHINE LEARNING	24	P	C	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
3 . 23031A0503						
1	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	B	3.0
2	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
3	R2332052	CLOUD COMPUTING	28	P	D	3.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	E	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	C	3.0
7	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	C	2.0
8	R2332051	COMPILER DESIGN	23	P	D	3.0
9	R233205D	MACHINE LEARNING	22	P	C	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	23	P	A	1.5
4 . 23031A0504						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R233205D	MACHINE LEARNING	29	P	A	3.0
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	29	P	B	3.0
4	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
5	R2332051	COMPILER DESIGN	28	P	C	3.0
6	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	27	P	A	2.0
7	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	30	P	S	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332052	CLOUD COMPUTING	29	P	B	3.0
10	R233204L	MICROPROCESSORS & MICROCONTROLLERS	29	P	A	3.0
5 . 23031A0505						
1	R2332052	CLOUD COMPUTING	22	F	F	0.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	15	P	D	2.0
3	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	S	1.5
4	R233205F	SOFTWARE PROJECT MANAGEMENT	21	F	F	0.0
5	R2332051	COMPILER DESIGN	21	F	F	0.0
6	R233205D	MACHINE LEARNING	10	F	F	0.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	F	F	0.0
8	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	16	F	F	0.0
10	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
6 . 23031A0506						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R233205D	MACHINE LEARNING	21	P	E	3.0
3	R2332054	CLOUD COMPUTING LAB	25	P	A	1.5
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
5	R2332051	COMPILER DESIGN	23	P	D	3.0
6	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	E	3.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	18	F	F	0.0
8	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	14	P	E	2.0
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	20	F	F	0.0
10	R2332052	CLOUD COMPUTING	26	F	F	0.0
7 . 23031A0508						
1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	D	3.0
2	R233205D	MACHINE LEARNING	25	P	C	3.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	C	3.0
4	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	15	P	D	2.0
5	R2332051	COMPILER DESIGN	23	P	D	3.0
6	R2332052	CLOUD COMPUTING	28	P	C	3.0
7	R2332054	CLOUD COMPUTING LAB	26	P	A	1.5
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
8 . 23031A0509						
1	R2332052	CLOUD COMPUTING	29	P	C	3.0
2	R2332051	COMPILER DESIGN	21	P	D	3.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	D	3.0
4	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	P	E	3.0
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	14	F	F	0.0
7	R2332054	CLOUD COMPUTING LAB	25	P	A	1.5
8	R233205D	MACHINE LEARNING	18	P	D	3.0
9	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	16	P	D	2.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
9 . 23031A0510						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	18	P	E	2.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	19	P	E	3.0
4	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	C	3.0
5	R2332054	CLOUD COMPUTING LAB	25	P	A	1.5
6	R233205D	MACHINE LEARNING	24	P	C	3.0
7	R2332051	COMPILER DESIGN	26	F	F	0.0
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	D	3.0
9	R2332052	CLOUD COMPUTING	26	P	D	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
10 . 23031A0511						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	17	P	E	2.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	E	3.0
3	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	20	F	F	0.0
5	R2332052	CLOUD COMPUTING	22	P	E	3.0
6	R2332051	COMPILER DESIGN	25	P	C	3.0
7	R233205F	SOFTWARE PROJECT MANAGEMENT	19	F	F	0.0
8	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
9	R233205D	MACHINE LEARNING	24	P	C	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	22	P	A	1.5
11 . 23031A0512						
1	R2332052	CLOUD COMPUTING	27	P	D	3.0
2	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	C	3.0
3	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	S	1.5
4	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	17	P	E	2.0
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	D	3.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	18	P	E	3.0
7	R2332051	COMPILER DESIGN	23	P	D	3.0
8	R233205D	MACHINE LEARNING	21	P	D	3.0
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
12 . 23031A0513						
1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	D	3.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	C	3.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	D	3.0
4	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
5	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R233205D	MACHINE LEARNING	27	P	B	3.0
8	R2332051	COMPILER DESIGN	26	P	C	3.0
9	R2332052	CLOUD COMPUTING	30	P	C	3.0
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	17	F	F	0.0
13 . 23031A0514						
1	R2332052	CLOUD COMPUTING	29	P	C	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	S	1.5
4	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
5	R2332051	COMPILER DESIGN	25	P	C	3.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	25	P	D	3.0
7	R233205D	MACHINE LEARNING	26	P	C	3.0
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	20	P	C	2.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	28	P	C	3.0
14 . 23031A0515						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	D	2.0
3	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
4	R233205D	MACHINE LEARNING	24	P	E	3.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	24	P	C	3.0
6	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	C	3.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	19	P	D	3.0
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
9	R2332051	COMPILER DESIGN	26	P	C	3.0
10	R2332052	CLOUD COMPUTING	26	P	D	3.0
15 . 23031A0516						
1	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	A	3.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	B	3.0
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	23	P	A	2.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	30	P	A	3.0
5	R233205D	MACHINE LEARNING	28	P	A	3.0
6	R2332052	CLOUD COMPUTING	30	P	B	3.0
7	R2332051	COMPILER DESIGN	25	P	C	3.0
8	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
9	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
10	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
16 . 23031A0517						
1	R2332051	COMPILER DESIGN	20	P	E	3.0
2	R2332054	CLOUD COMPUTING LAB	25	P	S	1.5
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	20	P	E	3.0
4	R233205D	MACHINE LEARNING	21	P	C	3.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	10	P	E	3.0
6	R2332052	CLOUD COMPUTING	23	P	E	3.0
7	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	16	P	C	2.0
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	19	P	E	3.0
17 . 23031A0518						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	C	3.0
3	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	S	1.5
4	R233205D	MACHINE LEARNING	26	P	B	3.0
5	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	D	3.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	C	3.0
8	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	17	P	D	2.0
9	R2332051	COMPILER DESIGN	26	P	C	3.0
10	R2332052	CLOUD COMPUTING	29	P	C	3.0
18 . 23031A0519						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	C	2.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	26	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R2332052	CLOUD COMPUTING	29	P	D	3.0
4	R2332051	COMPILER DESIGN	27	P	C	3.0
5	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	22	P	A	1.5
6	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
7	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	B	3.0
8	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
9	R233205D	MACHINE LEARNING	24	P	B	3.0
10	R233204L	MICROPROCESSORS & MICROCONTROLLERS	21	P	D	3.0

19 . 23031A0520

1	R2332051	COMPILER DESIGN	26	F	F	0.0
2	R2332052	CLOUD COMPUTING	25	F	F	0.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	19	F	F	0.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	F	F	0.0
6	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	14	F	F	0.0
7	R2332054	CLOUD COMPUTING LAB	25	P	S	1.5
8	R233205D	MACHINE LEARNING	23	F	F	0.0
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	E	3.0

20 . 23031A0521

1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	P	C	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R2332051	COMPILER DESIGN	18	P	D	3.0
4	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	24	P	D	3.0
6	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	20	P	D	2.0
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
8	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	D	3.0
9	R2332052	CLOUD COMPUTING	28	P	B	3.0
10	R233205D	MACHINE LEARNING	23	P	B	3.0

21 . 23031A0522

1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
4	R2332051	COMPILER DESIGN	25	P	C	3.0
5	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	S	1.5
6	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
7	R233205D	MACHINE LEARNING	28	P	B	3.0
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	C	3.0
9	R2332052	CLOUD COMPUTING	30	P	D	3.0
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	D	2.0

22 . 23031A0523

1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	21	P	E	3.0
2	R2332052	CLOUD COMPUTING	24	F	F	0.0
3	R233205D	MACHINE LEARNING	22	F	F	0.0
4	R2332051	COMPILER DESIGN	25	F	F	0.0
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
7	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R233205F	SOFTWARE PROJECT MANAGEMENT	21	P	E	3.0
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	18	P	D	2.0
23 . 23031A0524						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	C	2.0
2	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
3	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
4	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
5	R233205D	MACHINE LEARNING	28	P	A	3.0
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R233204L	MICROPROCESSORS & MICROCONTROLLERS	28	P	A	3.0
8	R2332052	CLOUD COMPUTING	29	P	A	3.0
9	R2332051	COMPILER DESIGN	29	P	A	3.0
10	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	29	P	B	3.0
24 . 23031A0525						
1	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
2	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	22	P	C	2.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	S	1.5
5	R233205D	MACHINE LEARNING	28	P	A	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	B	3.0
7	R2332051	COMPILER DESIGN	27	P	D	3.0
8	R2332052	CLOUD COMPUTING	30	P	A	3.0
9	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
10	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
25 . 23031A0526						
1	R2332051	COMPILER DESIGN	27	P	C	3.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	23	P	B	2.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	C	3.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	C	3.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	S	1.5
7	R233205D	MACHINE LEARNING	28	P	C	3.0
8	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
9	R2332052	CLOUD COMPUTING	30	P	B	3.0
10	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
26 . 23031A0527						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	18	P	D	2.0
2	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	B	3.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
4	R2332051	COMPILER DESIGN	18	P	E	3.0
5	R233205D	MACHINE LEARNING	26	P	C	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	D	3.0
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	22	P	A	1.5
8	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
9	R2332052	CLOUD COMPUTING	26	P	D	3.0
10	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
27 . 23031A0529						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	27	P	A	2.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
4	R233205D	MACHINE LEARNING	28	P	C	3.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	30	P	B	3.0
6	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
7	R2332051	COMPILER DESIGN	25	P	C	3.0
8	R2332052	CLOUD COMPUTING	28	P	C	3.0
9	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	28	P	B	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
28 . 23031A0530						
1	R2332052	CLOUD COMPUTING	30	P	A	3.0
2	R233204L	MICROPROCESSORS & MICROCONTROLLERS	29	P	B	3.0
3	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
4	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	24	P	B	2.0
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R233205D	MACHINE LEARNING	28	P	B	3.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	28	P	B	3.0
8	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	A	3.0
9	R2332051	COMPILER DESIGN	27	P	C	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
29 . 23031A0531						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	C	3.0
3	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
4	R2332051	COMPILER DESIGN	28	P	C	3.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
6	R2332052	CLOUD COMPUTING	30	P	B	3.0
7	R233205D	MACHINE LEARNING	28	P	A	3.0
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
9	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	28	P	B	2.0
30 . 23031A0532						
1	R233205D	MACHINE LEARNING	29	P	A	3.0
2	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	A	1.5
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	28	P	A	2.0
4	R2332052	CLOUD COMPUTING	30	P	D	3.0
5	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	B	3.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
7	R2332051	COMPILER DESIGN	27	P	B	3.0
8	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
9	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	26	P	A	3.0
10	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
31 . 23031A0533						
1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	20	F	F	0.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	D	2.0
3	R2332051	COMPILER DESIGN	20	F	F	0.0
4	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	D	3.0
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	P	E	3.0
6	R2332052	CLOUD COMPUTING	25	F	F	0.0
7	R2332054	CLOUD COMPUTING LAB	25	P	S	1.5
8	R233205D	MACHINE LEARNING	21	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	27	P	S	1.5
32 . 23031A0534						
1	R233205D	MACHINE LEARNING	22	P	D	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
4	R2332054	CLOUD COMPUTING LAB	25	P	A	1.5
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	D	2.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	D	3.0
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	C	3.0
9	R2332051	COMPILER DESIGN	22	P	C	3.0
10	R2332052	CLOUD COMPUTING	28	P	C	3.0
33 . 23031A0535						
1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	19	P	E	3.0
2	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	D	3.0
3	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	18	F	F	0.0
5	R2332051	COMPILER DESIGN	20	P	D	3.0
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R2332052	CLOUD COMPUTING	29	F	F	0.0
8	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	17	P	D	2.0
9	R233205D	MACHINE LEARNING	24	P	D	3.0
10	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
34 . 23031A0536						
1	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
2	R2332051	COMPILER DESIGN	28	P	C	3.0
3	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	D	3.0
5	R2332052	CLOUD COMPUTING	30	P	C	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	C	3.0
7	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	14	P	D	2.0
8	R233205D	MACHINE LEARNING	26	P	C	3.0
9	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	D	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	S	1.5
35 . 23031A0537						
1	R2332051	COMPILER DESIGN	26	F	F	0.0
2	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	A	3.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	29	P	D	3.0
5	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R2332052	CLOUD COMPUTING	30	P	B	3.0
8	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	26	P	A	2.0
9	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	B	3.0
10	R233205D	MACHINE LEARNING	30	P	A	3.0
36 . 23031A0538						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	23	P	B	2.0
2	R2332051	COMPILER DESIGN	29	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R233205D	MACHINE LEARNING	28	P	A	3.0
4	R2332052	CLOUD COMPUTING	30	P	B	3.0
5	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	A	3.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
7	R233204L	MICROPROCESSORS & MICROCONTROLLERS	28	P	B	3.0
8	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
9	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
10	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	26	P	S	3.0

37 . 23031A0539

1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
2	R2332052	CLOUD COMPUTING	30	P	C	3.0
3	R2332051	COMPILER DESIGN	27	P	C	3.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	A	1.5
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	C	3.0
8	R233205D	MACHINE LEARNING	23	P	C	3.0
9	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	25	P	B	2.0

38 . 23031A0540

1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	16	P	D	2.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	B	3.0
3	R233205D	MACHINE LEARNING	24	P	C	3.0
4	R2332051	COMPILER DESIGN	24	P	C	3.0
5	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	D	3.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	29	P	D	3.0
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	27	P	S	1.5
8	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
9	R2332052	CLOUD COMPUTING	28	P	D	3.0
10	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0

39 . 23031A0541

1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	29	P	C	3.0
2	R233205D	MACHINE LEARNING	30	P	B	3.0
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	26	P	B	3.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	S	1.5
5	R2332051	COMPILER DESIGN	25	P	C	3.0
6	R2332052	CLOUD COMPUTING	30	P	B	3.0
7	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
8	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	26	P	A	2.0

40 . 23031A0543

1	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	A	3.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	28	P	A	3.0
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	24	P	B	2.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R233205D	MACHINE LEARNING	26	P	A	3.0
6	R2332051	COMPILER DESIGN	26	P	D	3.0
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	27	P	S	1.5
8	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5

SlNo	SubCode	SubName	IM	Res	Grade	Credits
9	R2332052	CLOUD COMPUTING	30	P	A	3.0
10	R233204L	MICROPROCESSORS & MICROCONTROLLERS	28	P	D	3.0
41 . 23031A0544						
1	R233205D	MACHINE LEARNING	27	P	C	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	B	3.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	24	P	E	3.0
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	23	P	B	2.0
6	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
7	R2332052	CLOUD COMPUTING	28	P	D	3.0
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	27	P	S	1.5
9	R2332051	COMPILER DESIGN	22	P	D	3.0
10	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	C	3.0
42 . 23031A0545						
1	R2332051	COMPILER DESIGN	22	P	D	3.0
2	R2332052	CLOUD COMPUTING	27	P	D	3.0
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	B	3.0
4	R233205D	MACHINE LEARNING	25	P	B	3.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	24	P	E	3.0
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
8	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
9	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	B	2.0
43 . 23031A0546						
1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	D	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	C	2.0
4	R2332051	COMPILER DESIGN	27	P	C	3.0
5	R2332052	CLOUD COMPUTING	30	P	C	3.0
6	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	A	1.5
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	27	P	C	3.0
9	R233205D	MACHINE LEARNING	28	P	C	3.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	B	3.0
44 . 23031A0547						
1	R2332051	COMPILER DESIGN	23	P	D	3.0
2	R233205D	MACHINE LEARNING	25	P	D	3.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	24	P	D	3.0
4	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	16	P	D	2.0
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	C	3.0
6	R2332052	CLOUD COMPUTING	29	P	D	3.0
7	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
8	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	C	3.0
9	R2332054	CLOUD COMPUTING LAB	26	P	A	1.5
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
45 . 23031A0548						
1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	B	3.0
2	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	S	1.5
3	R2332051	COMPILER DESIGN	25	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	D	3.0
5	R2332052	CLOUD COMPUTING	30	P	C	3.0
6	R233205D	MACHINE LEARNING	30	P	A	3.0
7	R233205F	SOFTWARE PROJECT MANAGEMENT	28	P	B	3.0
8	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
9	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	25	P	B	2.0
46 . 23031A0549						
1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	23	P	C	3.0
2	R2332052	CLOUD COMPUTING	28	P	C	3.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R2332051	COMPILER DESIGN	25	P	C	3.0
6	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
7	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	A	1.5
8	R233205D	MACHINE LEARNING	29	P	B	3.0
9	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	20	P	C	2.0
10	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
47 . 23031A0550						
1	R2332051	COMPILER DESIGN	19	P	D	3.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	D	2.0
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	C	3.0
4	R2332054	CLOUD COMPUTING LAB	25	P	A	1.5
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R233205D	MACHINE LEARNING	26	P	B	3.0
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
9	R2332052	CLOUD COMPUTING	27	P	C	3.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
48 . 23031A0551						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	C	2.0
2	R2332052	CLOUD COMPUTING	28	P	C	3.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	B	3.0
4	R2332054	CLOUD COMPUTING LAB	26	P	A	1.5
5	R233205D	MACHINE LEARNING	27	P	B	3.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
7	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
8	R233204L	MICROPROCESSORS & MICROCONTROLLERS	24	P	D	3.0
9	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	C	3.0
10	R2332051	COMPILER DESIGN	24	P	C	3.0
49 . 23031A0552						
1	R233205D	MACHINE LEARNING	5	P	E	3.0
2	R2332051	COMPILER DESIGN	12	F	F	0.0
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	C	2.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
5	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	D	3.0
6	R2332052	CLOUD COMPUTING	23	P	D	3.0
7	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	5	P	E	3.0
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
10	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
50 . 23031A0553						
1	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	24	P	A	2.0
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	P	B	3.0
4	R233205D	MACHINE LEARNING	30	P	A	3.0
5	R2332051	COMPILER DESIGN	23	P	D	3.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	A	1.5
7	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
8	R2332052	CLOUD COMPUTING	29	P	B	3.0
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	B	3.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	B	3.0
51 . 23031A0554						
1	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	B	3.0
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	A	3.0
3	R233205D	MACHINE LEARNING	29	P	B	3.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	C	2.0
6	R2332052	CLOUD COMPUTING	28	P	C	3.0
7	R2332051	COMPILER DESIGN	24	P	D	3.0
8	R2332054	CLOUD COMPUTING LAB	28	P	S	1.5
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	D	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
52 . 24035A0501						
1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	D	3.0
2	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	B	2.0
3	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
4	R233205D	MACHINE LEARNING	27	P	B	3.0
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	20	P	C	3.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
7	R2332051	COMPILER DESIGN	21	P	E	3.0
8	R2332052	CLOUD COMPUTING	26	P	C	3.0
9	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
53 . 24035A0502						
1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	19	P	C	3.0
2	R2332052	CLOUD COMPUTING	25	P	C	3.0
3	R2332051	COMPILER DESIGN	21	P	E	3.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
6	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
7	R233205D	MACHINE LEARNING	24	P	B	3.0
8	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	B	2.0
9	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
10	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	C	3.0
54 . 24035A0503						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	B	2.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R233205D	MACHINE LEARNING	25	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
4	R2332051	COMPILER DESIGN	22	P	D	3.0
5	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	19	P	B	3.0
7	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
8	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
10	R2332052	CLOUD COMPUTING	26	P	D	3.0
55 . 24035A0504						
1	R2332051	COMPILER DESIGN	28	P	C	3.0
2	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
3	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
4	R233205D	MACHINE LEARNING	29	P	A	3.0
5	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	B	3.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	B	3.0
7	R2332054	CLOUD COMPUTING LAB	29	P	S	1.5
8	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	A	3.0
9	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	23	P	B	2.0
10	R2332052	CLOUD COMPUTING	29	P	B	3.0
56 . 24035A0505						
1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
2	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
3	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
4	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	26	P	A	3.0
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	B	2.0
6	R233205D	MACHINE LEARNING	29	P	A	3.0
7	R2332051	COMPILER DESIGN	27	P	D	3.0
8	R233205F	SOFTWARE PROJECT MANAGEMENT	27	P	B	3.0
9	R2332052	CLOUD COMPUTING	29	P	C	3.0
10	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
57 . 24035A0506						
1	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	26	P	B	3.0
2	R233205F	SOFTWARE PROJECT MANAGEMENT	26	P	B	3.0
3	R2332051	COMPILER DESIGN	27	P	D	3.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	29	P	C	3.0
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	A	1.5
7	R2332054	CLOUD COMPUTING LAB	25	P	A	1.5
8	R2332052	CLOUD COMPUTING	30	P	B	3.0
9	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	23	P	A	2.0
10	R233205D	MACHINE LEARNING	30	P	A	3.0
58 . 24035A0507						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	18	P	C	2.0
2	R2332051	COMPILER DESIGN	22	P	E	3.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	24	P	A	1.5
5	R233205D	MACHINE LEARNING	24	P	B	3.0
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	18	P	D	3.0
8	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
9	R2332052	CLOUD COMPUTING	26	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
10	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	D	3.0
59 . 24035A0508						
1	R2332052	CLOUD COMPUTING	30	P	C	3.0
2	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	D	3.0
3	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
4	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
5	R2332051	COMPILER DESIGN	25	P	D	3.0
6	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
7	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	21	P	B	2.0
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	B	3.0
9	R233205D	MACHINE LEARNING	26	P	B	3.0
10	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	C	3.0
60 . 24035A0509						
1	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
2	R2332052	CLOUD COMPUTING	26	P	C	3.0
3	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	21	P	D	3.0
4	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	18	P	B	2.0
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R233205D	MACHINE LEARNING	25	P	C	3.0
7	R2332051	COMPILER DESIGN	21	P	E	3.0
8	R233205F	SOFTWARE PROJECT MANAGEMENT	22	P	D	3.0
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	23	P	E	3.0
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
61 . 24035A0510						
1	R233204L	MICROPROCESSORS & MICROCONTROLLERS	26	P	C	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R233205D	MACHINE LEARNING	29	P	A	3.0
4	R2332051	COMPILER DESIGN	23	P	D	3.0
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	22	P	C	2.0
6	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
7	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
8	R2332052	CLOUD COMPUTING	28	P	B	3.0
9	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	S	1.5
10	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	20	P	B	3.0
62 . 24035A0511						
1	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
2	R2332052	CLOUD COMPUTING	28	P	B	3.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	25	P	D	3.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	S	1.5
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R233205F	SOFTWARE PROJECT MANAGEMENT	29	P	B	3.0
7	R2332051	COMPILER DESIGN	23	P	D	3.0
8	R233205D	MACHINE LEARNING	28	P	B	3.0
9	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	25	P	B	3.0
10	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	22	P	B	2.0
63 . 24035A0512						
1	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	27	P	A	1.5
2	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	C	3.0
3	R2332052	CLOUD COMPUTING	26	P	B	3.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	22	P	D	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
5	R233205D	MACHINE LEARNING	26	P	B	3.0
6	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
7	R233205F	SOFTWARE PROJECT MANAGEMENT	25	P	B	3.0
8	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	22	P	B	2.0
9	R2332051	COMPILER DESIGN	22	P	D	3.0
10	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
64 . 24035A0513						
1	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	24	P	B	2.0
2	R2332051	COMPILER DESIGN	20	P	E	3.0
3	R233205F	SOFTWARE PROJECT MANAGEMENT	23	P	B	3.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	S	1.5
5	R233205D	MACHINE LEARNING	27	P	A	3.0
6	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	19	P	B	3.0
7	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
8	R2332052	CLOUD COMPUTING	28	P	B	3.0
9	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	D	3.0
10	R2332054	CLOUD COMPUTING LAB	27	P	S	1.5
65 . 24035A0514						
1	R2332051	COMPILER DESIGN	18	F	F	0.0
2	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	C	3.0
3	R233204L	MICROPROCESSORS & MICROCONTROLLERS	19	F	AB	0.0
4	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	26	P	A	1.5
5	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
6	R233205D	MACHINE LEARNING	26	P	C	3.0
7	R2332052	CLOUD COMPUTING	25	P	D	3.0
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	22	P	C	3.0
9	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	19	P	B	2.0
10	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
66 . 24035A0515						
1	R233205D	MACHINE LEARNING	28	P	A	3.0
2	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
3	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	20	P	B	2.0
4	R233204L	MICROPROCESSORS & MICROCONTROLLERS	27	P	C	3.0
5	R233205F	SOFTWARE PROJECT MANAGEMENT	24	P	B	3.0
6	R2332051	COMPILER DESIGN	24	P	D	3.0
7	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	24	P	C	3.0
8	R2332052	CLOUD COMPUTING	28	P	B	3.0
9	R2332054	CLOUD COMPUTING LAB	26	P	S	1.5
10	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	28	P	S	1.5
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1	R2332055	CRYPTOGRAPHY & NETWORK SECURITY LAB	25	P	A	1.5
2	R233205F	SOFTWARE PROJECT MANAGEMENT	17	P	E	3.0
3	R2332052	CLOUD COMPUTING	15	F	AB	0.0
4	R2332057	TECHNICAL PAPER WRITING &IPR	-4	P	CM	0.0
5	R2332056	SOFT SKILLS/ SWAYAM PLUS-21ST CENTURY EMPLOYABILITY SKILLS	13	P	E	2.0
6	R233204L	MICROPROCESSORS & MICROCONTROLLERS	5	F	F	0.0
7	R2332051	COMPILER DESIGN	12	F	F	0.0
8	R2332053	CRYPTOGRAPHY & NETWORK SECURITY	13	P	E	3.0
9	R2332054	CLOUD COMPUTING LAB	14	P	C	1.5
10	R233205D	MACHINE LEARNING	20	F	F	0.0

