



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech II Semester Regular/Supplementary Examinations April/May-2017

College: BHIMAVARAM INST. OF ENGG. & TECH. PENNADA, BHIMAVARAM:AP

Htno	Subcode	Subname	Internal	External	Credits
10AP1A0104	R32011	GEOTECHNICAL ENGINEERING - I	19	-1	0
10AP1A0108	R32011	GEOTECHNICAL ENGINEERING - I	5	-1	0
10AP1A0238	R32022	POWER SYSTEM ANALYSIS	9	-1	0
10AP1A0238	R32024	MICROPROCESSORS AND MICROCONTROLLER	10	0	0
10AP1A0242	R32022	POWER SYSTEM ANALYSIS	7	10	0
10AP1A0242	R32024	MICROPROCESSORS AND MICROCONTROLLER	10	7	0
10AP1A0243	R32022	POWER SYSTEM ANALYSIS	8	-1	0
10AP1A0547	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	13	21	0
11AP1A0110	R32011	GEOTECHNICAL ENGINEERING - I	20	16	0
11AP1A0111	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	0	-1	0
11AP1A0111	R32015	DESIGN & DRAWING OF CONCRETE STRUCTURES -II	22	-1	0
11AP1A0119	R32012	WATER AND WASTEWATER ENGINEERING	14	-1	0
11AP1A0119	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	9	22	0
11AP1A0127	R32011	GEOTECHNICAL ENGINEERING - I	16	10	0
11AP1A0127	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	0	13	0
11AP1A0201	R32024	MICROPROCESSORS AND MICROCONTROLLER	7	-1	0
11AP1A0205	R32024	MICROPROCESSORS AND MICROCONTROLLER	13	33	4
11AP1A0206	R32024	MICROPROCESSORS AND MICROCONTROLLER	12	33	4
11AP1A0206	R32025	POWER SEMICONDUCTOR DRIVES	14	13	0
11AP1A0303	R32034	INSTRUMENTATION & CONTROL SYSTEMS	13	31	4
11AP1A0305	R32031	METROLOGY	17	7	0
11AP1A0305	R32032	ROBOTICS	11	-1	0
11AP1A0305	R32033	HEAT TRANSFER	11	-1	0
11AP1A0305	R32034	INSTRUMENTATION & CONTROL SYSTEMS	12	-1	0
11AP1A0305	R32035	DESIGN OF MACHINE MEMBERS_II	0	-1	0
11AP1A0305	R32036	INDUSTRIAL ENGG. & MANAGEMENT	15	-1	0
11AP1A0313	R32033	HEAT TRANSFER	9	31	4
11AP1A0422	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	18	16	0
11AP1A0441	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	17	8	0
11AP1A0455	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	-1	0
11AP1A0523	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	10	0
11AP1A0531	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	21	32	4
11AP1A0542	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	22	0	0
11AP1A0542	R32054	UNIX PROGRAMMING	11	0	0
11AP1A0551	R32026	MANAGEMENT SCIENCE	0	-1	0
11AP1A0551	R32051	ADVANCED COMPUTER NETWORKS	5	8	0
11AP1A0551	R32052	COMPUTER ARCHITECTURE	5	6	0
11AP1A0551	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	4	5	0
11AP1A0551	R32054	UNIX PROGRAMMING	0	7	0
11AP1A0551	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	0	0	0
12AP1A0320	R32035	DESIGN OF MACHINE MEMBERS_II	12	35	4
12AP1A0331	R32031	METROLOGY	19	8	0
12AP1A0331	R32032	ROBOTICS	16	14	0
12AP1A0331	R32033	HEAT TRANSFER	19	26	4

Htno	Subcode	Subname	Internal	External	Credits
12AP1A0331	R32034	INSTRUMENTATION & CONTROL SYSTEMS	14	27	4
12AP1A0331	R32035	DESIGN OF MACHINE MEMBERS_II	20	17	0
12AP1A0331	R32036	INDUSTRIAL ENGG. & MANAGEMENT	11	12	0
12AP1A0407	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	21	10	0
12AP1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	9	0
12AP1A0452	RT32042	DIGITAL SIGNAL PROCESSING	16	0	0
12AP1A0452	RT32043	DIGITAL COMMUNICATIONS	19	3	0
12AP1A0452	RT32044	MICROWAVE ENGINEERING	16	0	0
12AP1A0452	RT32045A	BIO MEDICAL ENGINEERING	21	14	0
12AP1A0452	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
12AP1A0470	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	20	6	0
12AP1A0473	R32041	COMPUTER NETWORKS	14	6	0
12AP1A0473	R32042	MICROWAVE ENGINEERING	17	-1	0
12AP5A0202	R32021	ELECTRICAL MACHINE DESIGN	18	-1	0
12AP5A0202	R32022	POWER SYSTEM ANALYSIS	21	-1	0
12AP5A0202	R32023	UTILIZATION OF ELECTRICAL ENERGY	21	-1	0
12AP5A0202	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	-1	0
12AP5A0213	R32022	POWER SYSTEM ANALYSIS	18	17	0
12AP5A0213	R32024	MICROPROCESSORS AND MICROCONTROLLER	9	-1	0
137C1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	20	58	3
137C1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	19	0	0
137C1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
137C1A0308	RT32031	OPERATIONS RESEARCH	24	39	3
137C1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	22	9	0
137C1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	-1	0
137C1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	19	-1	0
137C1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	21	44	3
137C1A0318	RT32031	OPERATIONS RESEARCH	24	-1	0
137C1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	23	2	0
137C1A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	21	0
137C1A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	24	31	3
137C1A0333	RT32031	OPERATIONS RESEARCH	26	16	0
13AP1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	5	-1	0
13AP1A0109	RT32012	GEOTECHNICAL ENGINEERING II	5	-1	0
13AP1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	5	-1	0
13AP1A0109	RT32014	WATER RESOURCES ENGINEERING I	3	-1	0
13AP1A0109	RT32015	TRANSPORTATION ENGINEERING II	18	-1	0
13AP1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	-1	0
13AP1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	12	-1	0
13AP1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	12	-1	0
13AP1A0110	RT32012	GEOTECHNICAL ENGINEERING II	18	9	0
13AP1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	24	3
13AP1A0111	RT32014	WATER RESOURCES ENGINEERING I	21	34	3
13AP1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	13	53	3
13AP1A0112	RT32012	GEOTECHNICAL ENGINEERING II	21	55	3
13AP1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	26	3
13AP1A0112	RT32014	WATER RESOURCES ENGINEERING I	18	25	3
13AP1A0112	RT32015	TRANSPORTATION ENGINEERING II	23	36	3
13AP1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	49	3
13AP1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	60	2

Htno	Subcode	Subname	Internal	External	Credits
13AP1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
13AP1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	26	3
13AP1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	31	3
13AP1A0201	RT32022	SWITCHGEAR AND PROTECTION	16	24	3
13AP1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	16	0
13AP1A0201	RT32024	POWER SYSTEM ANALYSIS	18	17	0
13AP1A0201	RT32025	MANAGEMENT SCIENCE	16	11	0
13AP1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	19	31	3
13AP1A0305	RT32031	OPERATIONS RESEARCH	16	15	0
13AP1A0305	RT32034	ROBOTICS	22	22	0
13AP1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	18	-1	0
13AP1A0307	RT32035	HEAT TRANSFER	21	32	3
13AP1A0308	RT32035	HEAT TRANSFER	16	24	3
13AP1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	17	24	3
13AP1A0309	RT32031	OPERATIONS RESEARCH	14	36	3
13AP1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	19	6	0
13AP1A0309	RT32034	ROBOTICS	24	38	3
13AP1A0313	RT32031	OPERATIONS RESEARCH	21	8	0
13AP1A0314	RT32035	HEAT TRANSFER	18	13	0
13AP1A0316	RT32035	HEAT TRANSFER	19	15	0
13AP1A0317	RT32031	OPERATIONS RESEARCH	21	13	0
13AP1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	17	11	0
13AP1A0318	RT32031	OPERATIONS RESEARCH	22	24	3
13AP1A0319	RT32035	HEAT TRANSFER	16	24	3
13AP1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	18	28	3
13AP1A0401	RT32042	DIGITAL SIGNAL PROCESSING	18	10	0
13AP1A0401	RT32044	MICROWAVE ENGINEERING	16	13	0
13AP1A0401	RT32045A	BIO MEDICAL ENGINEERING	21	25	3
13AP1A0402	RT32042	DIGITAL SIGNAL PROCESSING	21	40	3
13AP1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	16	0
13AP1A0403	RT32043	DIGITAL COMMUNICATIONS	16	9	0
13AP1A0403	RT32045A	BIO MEDICAL ENGINEERING	17	15	0
13AP1A0404	RT32042	DIGITAL SIGNAL PROCESSING	16	0	0
13AP1A0404	RT32043	DIGITAL COMMUNICATIONS	18	12	0
13AP1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	5	0
13AP1A0405	RT32042	DIGITAL SIGNAL PROCESSING	20	30	3
13AP1A0405	RT32044	MICROWAVE ENGINEERING	19	14	0
13AP1A0405	RT32045A	BIO MEDICAL ENGINEERING	17	18	0
13AP1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
13AP1A0407	RT32042	DIGITAL SIGNAL PROCESSING	17	0	0
13AP1A0407	RT32043	DIGITAL COMMUNICATIONS	18	0	0
13AP1A0407	RT32044	MICROWAVE ENGINEERING	16	0	0
13AP1A0407	RT32045A	BIO MEDICAL ENGINEERING	16	19	0
13AP1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
13AP1A0411	RT32042	DIGITAL SIGNAL PROCESSING	16	0	0
13AP1A0411	RT32043	DIGITAL COMMUNICATIONS	16	0	0
13AP1A0411	RT32044	MICROWAVE ENGINEERING	18	-1	0
13AP1A0411	RT32045A	BIO MEDICAL ENGINEERING	16	24	3
13AP1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	-1	0
13AP1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	19	35	2

Htno	Subcode	Subname	Internal	External	Credits
13AP1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
13AP1A0411	RT32049	SEMINAR	43	0	1
13AP1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	5	0
13AP1A0417	RT32042	DIGITAL SIGNAL PROCESSING	16	38	3
13AP1A0417	RT32044	MICROWAVE ENGINEERING	17	8	0
13AP1A0417	RT32045A	BIO MEDICAL ENGINEERING	16	14	0
13AP1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	17	0
13AP1A0423	RT32045A	BIO MEDICAL ENGINEERING	19	8	0
13AP1A0424	RT32044	MICROWAVE ENGINEERING	21	23	0
13AP1A0433	RT32044	MICROWAVE ENGINEERING	16	30	3
13AP1A0436	RT32045A	BIO MEDICAL ENGINEERING	21	28	3
13AP1A0506	RT32055	WEB TECHNOLOGIES	16	39	3
13AP1A0509	RT32055	WEB TECHNOLOGIES	16	10	0
13AP1A0511	RT32055	WEB TECHNOLOGIES	22	29	3
13AP1A0513	RT32053	COMPUTER NETWORKS	19	48	3
13AP1A0513	RT32055	WEB TECHNOLOGIES	16	5	0
13AP1A0518	RT32052	DATA WARE HOUSING AND MINING	20	24	3
13AP1A0518	RT32055	WEB TECHNOLOGIES	20	13	0
13AP1A0525	RT32055	WEB TECHNOLOGIES	19	11	0
13AP5A0302	R32033	HEAT TRANSFER	22	32	4
13AP5A0302	R32034	INSTRUMENTATION & CONTROL SYSTEMS	20	33	4
13AP5A0413	R32042	MICROWAVE ENGINEERING	21	37	4
147C1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	15	25	3
147C1A0101	RT32012	GEOTECHNICAL ENGINEERING II	16	33	3
147C1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	1	0
147C1A0101	RT32014	WATER RESOURCES ENGINEERING I	16	31	3
147C1A0101	RT32015	TRANSPORTATION ENGINEERING II	16	40	3
147C1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	50	3
147C1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	55	2
147C1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
147C1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	18	28	3
147C1A0102	RT32012	GEOTECHNICAL ENGINEERING II	23	44	3
147C1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
147C1A0102	RT32014	WATER RESOURCES ENGINEERING I	19	54	3
147C1A0102	RT32015	TRANSPORTATION ENGINEERING II	21	34	3
147C1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	70	3
147C1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	62	2
147C1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
147C1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	17	60	3
147C1A0105	RT32012	GEOTECHNICAL ENGINEERING II	20	17	0
147C1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	6	0
147C1A0105	RT32014	WATER RESOURCES ENGINEERING I	24	39	3
147C1A0105	RT32015	TRANSPORTATION ENGINEERING II	16	43	3
147C1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	36	3
147C1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	59	2
147C1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	21	43	2
147C1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	18	55	3
147C1A0106	RT32012	GEOTECHNICAL ENGINEERING II	19	47	3
147C1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
147C1A0106	RT32014	WATER RESOURCES ENGINEERING I	21	38	3

Htno	Subcode	Subname	Internal	External	Credits
147C1A0106	RT32015	TRANSPORTATION ENGINEERING II	16	36	3
147C1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	51	3
147C1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	63	2
147C1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
147C1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	13	37	3
147C1A0107	RT32012	GEOTECHNICAL ENGINEERING II	19	27	3
147C1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	9	0
147C1A0107	RT32014	WATER RESOURCES ENGINEERING I	19	34	3
147C1A0107	RT32015	TRANSPORTATION ENGINEERING II	16	40	3
147C1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	32	3
147C1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	59	2
147C1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	20	41	2
147C1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	16	42	3
147C1A0108	RT32012	GEOTECHNICAL ENGINEERING II	23	48	3
147C1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	17	0
147C1A0108	RT32014	WATER RESOURCES ENGINEERING I	25	41	3
147C1A0108	RT32015	TRANSPORTATION ENGINEERING II	26	43	3
147C1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	41	3
147C1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	65	2
147C1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	22	49	2
147C1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	25	70	3
147C1A0109	RT32012	GEOTECHNICAL ENGINEERING II	23	39	3
147C1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	39	3
147C1A0109	RT32014	WATER RESOURCES ENGINEERING I	25	43	3
147C1A0109	RT32015	TRANSPORTATION ENGINEERING II	28	38	3
147C1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	32	3
147C1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	69	2
147C1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	24	45	2
147C1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	12	53	3
147C1A0112	RT32012	GEOTECHNICAL ENGINEERING II	18	70	3
147C1A0112	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	37	3
147C1A0112	RT32014	WATER RESOURCES ENGINEERING I	20	51	3
147C1A0112	RT32015	TRANSPORTATION ENGINEERING II	7	57	3
147C1A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	32	3
147C1A0112	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	55	2
147C1A0112	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
147C1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	26	50	3
147C1A0113	RT32012	GEOTECHNICAL ENGINEERING II	25	49	3
147C1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	38	3
147C1A0113	RT32014	WATER RESOURCES ENGINEERING I	19	42	3
147C1A0113	RT32015	TRANSPORTATION ENGINEERING II	22	38	3
147C1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	55	3
147C1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	65	2
147C1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
147C1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	21	40	3
147C1A0116	RT32012	GEOTECHNICAL ENGINEERING II	21	48	3
147C1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	9	0
147C1A0116	RT32014	WATER RESOURCES ENGINEERING I	18	40	3
147C1A0116	RT32015	TRANSPORTATION ENGINEERING II	20	25	3
147C1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	70	3

Htno	Subcode	Subname	Internal	External	Credits
147C1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	64	2
147C1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
147C1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	10	45	3
147C1A0117	RT32012	GEOTECHNICAL ENGINEERING II	17	24	3
147C1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
147C1A0117	RT32014	WATER RESOURCES ENGINEERING I	19	12	0
147C1A0117	RT32015	TRANSPORTATION ENGINEERING II	16	25	3
147C1A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	24	3
147C1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	55	2
147C1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	20	44	2
147C1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	19	63	3
147C1A0119	RT32012	GEOTECHNICAL ENGINEERING II	25	59	3
147C1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	39	3
147C1A0119	RT32014	WATER RESOURCES ENGINEERING I	24	49	3
147C1A0119	RT32015	TRANSPORTATION ENGINEERING II	25	54	3
147C1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	59	3
147C1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
147C1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	21	42	2
147C5A0301	RT32035	HEAT TRANSFER	16	21	0
147C5A0404	RT32043	DIGITAL COMMUNICATIONS	19	28	3
14AP1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	17	17	0
14AP1A0101	RT32012	GEOTECHNICAL ENGINEERING II	21	24	3
14AP1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	19	0
14AP1A0101	RT32014	WATER RESOURCES ENGINEERING I	20	28	3
14AP1A0101	RT32015	TRANSPORTATION ENGINEERING II	17	32	3
14AP1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	29	3
14AP1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	68	2
14AP1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	22	48	2
14AP1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	11	29	3
14AP1A0102	RT32012	GEOTECHNICAL ENGINEERING II	17	12	0
14AP1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	7	0
14AP1A0102	RT32014	WATER RESOURCES ENGINEERING I	4	24	0
14AP1A0102	RT32015	TRANSPORTATION ENGINEERING II	7	15	0
14AP1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	6	34	3
14AP1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	38	2
14AP1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	18	35	2
14AP1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	23	70	3
14AP1A0103	RT32012	GEOTECHNICAL ENGINEERING II	22	50	3
14AP1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	28	57	3
14AP1A0103	RT32014	WATER RESOURCES ENGINEERING I	25	53	3
14AP1A0103	RT32015	TRANSPORTATION ENGINEERING II	21	43	3
14AP1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	43	3
14AP1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	30	69	2
14AP1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14AP1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	17	46	3
14AP1A0105	RT32012	GEOTECHNICAL ENGINEERING II	16	35	3
14AP1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	31	3
14AP1A0105	RT32014	WATER RESOURCES ENGINEERING I	17	49	3
14AP1A0105	RT32015	TRANSPORTATION ENGINEERING II	16	63	3
14AP1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	7	43	3

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	60	2
14AP1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	20	42	2
14AP1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	16	24	3
14AP1A0106	RT32012	GEOTECHNICAL ENGINEERING II	18	24	3
14AP1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	6	0
14AP1A0106	RT32014	WATER RESOURCES ENGINEERING I	16	9	0
14AP1A0106	RT32015	TRANSPORTATION ENGINEERING II	16	24	3
14AP1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	36	3
14AP1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	66	2
14AP1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
14AP1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	7	0	0
14AP1A0107	RT32012	GEOTECHNICAL ENGINEERING II	7	2	0
14AP1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	-1	0
14AP1A0107	RT32014	WATER RESOURCES ENGINEERING I	13	0	0
14AP1A0107	RT32015	TRANSPORTATION ENGINEERING II	16	13	0
14AP1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	9	15	0
14AP1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	50	2
14AP1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	19	40	2
14AP1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	18	37	3
14AP1A0108	RT32012	GEOTECHNICAL ENGINEERING II	16	17	0
14AP1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
14AP1A0108	RT32014	WATER RESOURCES ENGINEERING I	17	37	3
14AP1A0108	RT32015	TRANSPORTATION ENGINEERING II	16	32	3
14AP1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	24	3
14AP1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	61	2
14AP1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
14AP1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	24	70	3
14AP1A0109	RT32012	GEOTECHNICAL ENGINEERING II	26	54	3
14AP1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	42	3
14AP1A0109	RT32014	WATER RESOURCES ENGINEERING I	29	49	3
14AP1A0109	RT32015	TRANSPORTATION ENGINEERING II	24	65	3
14AP1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	56	3
14AP1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	63	2
14AP1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
14AP1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	23	25	3
14AP1A0113	RT32012	GEOTECHNICAL ENGINEERING II	24	34	3
14AP1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	25	3
14AP1A0113	RT32014	WATER RESOURCES ENGINEERING I	21	29	3
14AP1A0113	RT32015	TRANSPORTATION ENGINEERING II	21	38	3
14AP1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	42	3
14AP1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	59	2
14AP1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	21	45	2
14AP1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	25	54	3
14AP1A0114	RT32012	GEOTECHNICAL ENGINEERING II	24	54	3
14AP1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	34	3
14AP1A0114	RT32014	WATER RESOURCES ENGINEERING I	25	58	3
14AP1A0114	RT32015	TRANSPORTATION ENGINEERING II	23	40	3
14AP1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	65	3
14AP1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	68	2
14AP1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	16	62	3
14AP1A0115	RT32012	GEOTECHNICAL ENGINEERING II	16	36	3
14AP1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	24	3
14AP1A0115	RT32014	WATER RESOURCES ENGINEERING I	21	37	3
14AP1A0115	RT32015	TRANSPORTATION ENGINEERING II	18	37	3
14AP1A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	14	36	3
14AP1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	20	50	2
14AP1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	19	42	2
14AP1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	11	15	0
14AP1A0116	RT32012	GEOTECHNICAL ENGINEERING II	23	42	3
14AP1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	0	0
14AP1A0116	RT32014	WATER RESOURCES ENGINEERING I	18	3	0
14AP1A0116	RT32015	TRANSPORTATION ENGINEERING II	19	16	0
14AP1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	24	3
14AP1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
14AP1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
14AP1A0117	RT32011	ENVIRONMENTAL ENGINEERING I	17	40	3
14AP1A0117	RT32012	GEOTECHNICAL ENGINEERING II	20	34	3
14AP1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	12	0
14AP1A0117	RT32014	WATER RESOURCES ENGINEERING I	24	30	3
14AP1A0117	RT32015	TRANSPORTATION ENGINEERING II	24	40	3
14AP1A0117	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	49	3
14AP1A0117	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
14AP1A0117	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14AP1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	19	30	3
14AP1A0118	RT32012	GEOTECHNICAL ENGINEERING II	13	33	3
14AP1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	8	0
14AP1A0118	RT32014	WATER RESOURCES ENGINEERING I	18	25	3
14AP1A0118	RT32015	TRANSPORTATION ENGINEERING II	21	17	0
14AP1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	25	3
14AP1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	65	2
14AP1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	22	44	2
14AP1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	25	69	3
14AP1A0119	RT32012	GEOTECHNICAL ENGINEERING II	23	52	3
14AP1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	24	3
14AP1A0119	RT32014	WATER RESOURCES ENGINEERING I	23	61	3
14AP1A0119	RT32015	TRANSPORTATION ENGINEERING II	20	50	3
14AP1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	36	3
14AP1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	67	2
14AP1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
14AP1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	21	63	3
14AP1A0120	RT32012	GEOTECHNICAL ENGINEERING II	20	58	3
14AP1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	26	3
14AP1A0120	RT32014	WATER RESOURCES ENGINEERING I	21	33	3
14AP1A0120	RT32015	TRANSPORTATION ENGINEERING II	21	38	3
14AP1A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	57	3
14AP1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	62	2
14AP1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
14AP1A0121	RT32011	ENVIRONMENTAL ENGINEERING I	18	42	3
14AP1A0121	RT32012	GEOTECHNICAL ENGINEERING II	21	37	3

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	2	0
14AP1A0121	RT32014	WATER RESOURCES ENGINEERING I	25	33	3
14AP1A0121	RT32015	TRANSPORTATION ENGINEERING II	24	38	3
14AP1A0121	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	38	3
14AP1A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	61	2
14AP1A0121	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
14AP1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	24	3
14AP1A0201	RT32022	SWITCHGEAR AND PROTECTION	19	24	3
14AP1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	30	3
14AP1A0201	RT32024	POWER SYSTEM ANALYSIS	22	32	3
14AP1A0201	RT32025	MANAGEMENT SCIENCE	19	30	3
14AP1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	28	36	3
14AP1A0201	RT32027	POWER ELECTRONICS LAB	22	45	2
14AP1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
14AP1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	26	3
14AP1A0202	RT32022	SWITCHGEAR AND PROTECTION	17	24	3
14AP1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	40	3
14AP1A0202	RT32024	POWER SYSTEM ANALYSIS	22	6	0
14AP1A0202	RT32025	MANAGEMENT SCIENCE	26	24	3
14AP1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	24	7	0
14AP1A0202	RT32027	POWER ELECTRONICS LAB	22	45	2
14AP1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	23	42	2
14AP1A0303	RT32031	OPERATIONS RESEARCH	16	5	0
14AP1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	0	0
14AP1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	17	13	0
14AP1A0303	RT32034	ROBOTICS	26	22	0
14AP1A0303	RT32035	HEAT TRANSFER	16	8	0
14AP1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	1	0
14AP1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
14AP1A0303	RT32038	HEAT TRANSFER LAB	22	40	2
14AP1A0304	RT32031	OPERATIONS RESEARCH	25	28	3
14AP1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	31	3
14AP1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	16	45	3
14AP1A0304	RT32034	ROBOTICS	26	41	3
14AP1A0304	RT32035	HEAT TRANSFER	16	24	3
14AP1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	13	0
14AP1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	16	17	0
14AP1A0304	RT32038	HEAT TRANSFER LAB	23	42	2
14AP1A0305	RT32031	OPERATIONS RESEARCH	28	31	3
14AP1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	31	3
14AP1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	22	33	3
14AP1A0305	RT32034	ROBOTICS	26	26	3
14AP1A0305	RT32035	HEAT TRANSFER	19	30	3
14AP1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	4	0
14AP1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	17	17	0
14AP1A0305	RT32038	HEAT TRANSFER LAB	24	43	2
14AP1A0306	RT32031	OPERATIONS RESEARCH	27	15	0
14AP1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	43	3
14AP1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	24	35	3
14AP1A0306	RT32034	ROBOTICS	28	52	3

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0306	RT32035	HEAT TRANSFER	20	25	3
14AP1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	32	3
14AP1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	24	27	3
14AP1A0306	RT32038	HEAT TRANSFER LAB	23	44	2
14AP1A0307	RT32031	OPERATIONS RESEARCH	26	46	3
14AP1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	40	3
14AP1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	22	33	3
14AP1A0307	RT32034	ROBOTICS	28	32	3
14AP1A0307	RT32035	HEAT TRANSFER	28	53	3
14AP1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	28	3
14AP1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
14AP1A0307	RT32038	HEAT TRANSFER LAB	24	47	2
14AP1A0308	RT32031	OPERATIONS RESEARCH	23	13	0
14AP1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	32	3
14AP1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	25	52	3
14AP1A0308	RT32034	ROBOTICS	26	47	3
14AP1A0308	RT32035	HEAT TRANSFER	18	38	3
14AP1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	27	3
14AP1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	17	14	0
14AP1A0308	RT32038	HEAT TRANSFER LAB	24	45	2
14AP1A0310	RT32031	OPERATIONS RESEARCH	20	24	3
14AP1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	32	3
14AP1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	17	36	3
14AP1A0310	RT32034	ROBOTICS	16	41	3
14AP1A0310	RT32035	HEAT TRANSFER	18	9	0
14AP1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	35	3
14AP1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	18	27	3
14AP1A0310	RT32038	HEAT TRANSFER LAB	22	42	2
14AP1A0312	RT32031	OPERATIONS RESEARCH	26	36	3
14AP1A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	36	3
14AP1A0312	RT32033	DESIGN OF MACHINE MEMBERS II	24	35	3
14AP1A0312	RT32034	ROBOTICS	26	42	3
14AP1A0312	RT32035	HEAT TRANSFER	22	27	3
14AP1A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
14AP1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	24	37	3
14AP1A0312	RT32038	HEAT TRANSFER LAB	25	48	2
14AP1A0313	RT32031	OPERATIONS RESEARCH	21	35	3
14AP1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	3	0
14AP1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	23	10	0
14AP1A0313	RT32034	ROBOTICS	27	36	3
14AP1A0313	RT32035	HEAT TRANSFER	16	10	0
14AP1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	13	0
14AP1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	16	3	0
14AP1A0313	RT32038	HEAT TRANSFER LAB	23	43	2
14AP1A0314	RT32031	OPERATIONS RESEARCH	19	34	3
14AP1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	38	3
14AP1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	25	49	3
14AP1A0314	RT32034	ROBOTICS	28	27	3
14AP1A0314	RT32035	HEAT TRANSFER	17	24	3
14AP1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	30	3

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	22	38	3
14AP1A0314	RT32038	HEAT TRANSFER LAB	23	43	2
14AP1A0316	RT32031	OPERATIONS RESEARCH	16	32	3
14AP1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
14AP1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	17	33	3
14AP1A0316	RT32034	ROBOTICS	27	33	3
14AP1A0316	RT32035	HEAT TRANSFER	16	6	0
14AP1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	16	0
14AP1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	16	17	0
14AP1A0316	RT32038	HEAT TRANSFER LAB	22	41	2
14AP1A0317	RT32031	OPERATIONS RESEARCH	20	17	0
14AP1A0317	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	6	0
14AP1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	20	3	0
14AP1A0317	RT32034	ROBOTICS	24	27	3
14AP1A0317	RT32035	HEAT TRANSFER	16	18	0
14AP1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
14AP1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	18	24	3
14AP1A0317	RT32038	HEAT TRANSFER LAB	22	42	2
14AP1A0318	RT32031	OPERATIONS RESEARCH	26	37	3
14AP1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	14	0
14AP1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	23	32	3
14AP1A0318	RT32034	ROBOTICS	29	39	3
14AP1A0318	RT32035	HEAT TRANSFER	19	24	3
14AP1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	6	0
14AP1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	23	38	3
14AP1A0318	RT32038	HEAT TRANSFER LAB	23	43	2
14AP1A0319	RT32031	OPERATIONS RESEARCH	23	0	0
14AP1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	8	0
14AP1A0319	RT32033	DESIGN OF MACHINE MEMBERS II	19	50	3
14AP1A0319	RT32034	ROBOTICS	16	36	3
14AP1A0319	RT32035	HEAT TRANSFER	16	16	0
14AP1A0319	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	25	3
14AP1A0319	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
14AP1A0319	RT32038	HEAT TRANSFER LAB	22	40	2
14AP1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	40	3
14AP1A0402	RT32042	DIGITAL SIGNAL PROCESSING	16	26	3
14AP1A0402	RT32043	DIGITAL COMMUNICATIONS	16	38	3
14AP1A0402	RT32044	MICROWAVE ENGINEERING	19	24	3
14AP1A0402	RT32045A	BIO MEDICAL ENGINEERING	17	42	3
14AP1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	45	2
14AP1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
14AP1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
14AP1A0402	RT32049	SEMINAR	44	0	1
14AP1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	16	0
14AP1A0403	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
14AP1A0403	RT32043	DIGITAL COMMUNICATIONS	23	44	3
14AP1A0403	RT32044	MICROWAVE ENGINEERING	23	28	3
14AP1A0403	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
14AP1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14AP1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14AP1A0403	RT32049	SEMINAR	46	0	1
14AP1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	19	0
14AP1A0404	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
14AP1A0404	RT32043	DIGITAL COMMUNICATIONS	22	26	3
14AP1A0404	RT32044	MICROWAVE ENGINEERING	22	12	0
14AP1A0404	RT32045A	BIO MEDICAL ENGINEERING	16	18	0
14AP1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
14AP1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
14AP1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
14AP1A0404	RT32049	SEMINAR	40	0	1
14AP1A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	43	3
14AP1A0405	RT32042	DIGITAL SIGNAL PROCESSING	23	45	3
14AP1A0405	RT32043	DIGITAL COMMUNICATIONS	30	40	3
14AP1A0405	RT32044	MICROWAVE ENGINEERING	23	32	3
14AP1A0405	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
14AP1A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14AP1A0405	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14AP1A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14AP1A0405	RT32049	SEMINAR	47	0	1
14AP1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	39	3
14AP1A0406	RT32042	DIGITAL SIGNAL PROCESSING	19	37	3
14AP1A0406	RT32043	DIGITAL COMMUNICATIONS	25	34	3
14AP1A0406	RT32044	MICROWAVE ENGINEERING	22	24	3
14AP1A0406	RT32045A	BIO MEDICAL ENGINEERING	16	26	3
14AP1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
14AP1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	23	42	2
14AP1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
14AP1A0406	RT32049	SEMINAR	40	0	1
14AP1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	27	3
14AP1A0409	RT32042	DIGITAL SIGNAL PROCESSING	22	35	3
14AP1A0409	RT32043	DIGITAL COMMUNICATIONS	23	48	3
14AP1A0409	RT32044	MICROWAVE ENGINEERING	24	36	3
14AP1A0409	RT32045A	BIO MEDICAL ENGINEERING	20	40	3
14AP1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14AP1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
14AP1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
14AP1A0409	RT32049	SEMINAR	45	0	1
14AP1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	42	3
14AP1A0410	RT32042	DIGITAL SIGNAL PROCESSING	28	43	3
14AP1A0410	RT32043	DIGITAL COMMUNICATIONS	29	48	3
14AP1A0410	RT32044	MICROWAVE ENGINEERING	28	32	3
14AP1A0410	RT32045A	BIO MEDICAL ENGINEERING	26	43	3
14AP1A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
14AP1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14AP1A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14AP1A0410	RT32049	SEMINAR	46	0	1
14AP1A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
14AP1A0411	RT32042	DIGITAL SIGNAL PROCESSING	16	23	0
14AP1A0411	RT32043	DIGITAL COMMUNICATIONS	17	4	0

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0411	RT32044	MICROWAVE ENGINEERING	18	0	0
14AP1A0411	RT32045A	BIO MEDICAL ENGINEERING	16	12	0
14AP1A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	28	2
14AP1A0411	RT32047	DIGITAL COMMUNICATIONS LAB	20	38	2
14AP1A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	35	2
14AP1A0411	RT32049	SEMINAR	43	0	1
14AP1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	24	3
14AP1A0412	RT32042	DIGITAL SIGNAL PROCESSING	26	27	3
14AP1A0412	RT32043	DIGITAL COMMUNICATIONS	27	48	3
14AP1A0412	RT32044	MICROWAVE ENGINEERING	23	30	3
14AP1A0412	RT32045A	BIO MEDICAL ENGINEERING	16	43	3
14AP1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
14AP1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
14AP1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
14AP1A0412	RT32049	SEMINAR	42	0	1
14AP1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	3	0
14AP1A0413	RT32042	DIGITAL SIGNAL PROCESSING	16	11	0
14AP1A0413	RT32043	DIGITAL COMMUNICATIONS	22	21	0
14AP1A0413	RT32044	MICROWAVE ENGINEERING	22	15	0
14AP1A0413	RT32045A	BIO MEDICAL ENGINEERING	16	12	0
14AP1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
14AP1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	20	40	2
14AP1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
14AP1A0413	RT32049	SEMINAR	43	0	1
14AP1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	41	3
14AP1A0414	RT32042	DIGITAL SIGNAL PROCESSING	26	30	3
14AP1A0414	RT32043	DIGITAL COMMUNICATIONS	28	37	3
14AP1A0414	RT32044	MICROWAVE ENGINEERING	24	34	3
14AP1A0414	RT32045A	BIO MEDICAL ENGINEERING	23	37	3
14AP1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	50	2
14AP1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	24	49	2
14AP1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14AP1A0414	RT32049	SEMINAR	43	0	1
14AP1A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	15	0
14AP1A0415	RT32042	DIGITAL SIGNAL PROCESSING	17	5	0
14AP1A0415	RT32043	DIGITAL COMMUNICATIONS	24	12	0
14AP1A0415	RT32044	MICROWAVE ENGINEERING	19	8	0
14AP1A0415	RT32045A	BIO MEDICAL ENGINEERING	18	8	0
14AP1A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
14AP1A0415	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14AP1A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
14AP1A0415	RT32049	SEMINAR	45	0	1
14AP1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	40	3
14AP1A0416	RT32042	DIGITAL SIGNAL PROCESSING	27	39	3
14AP1A0416	RT32043	DIGITAL COMMUNICATIONS	28	60	3
14AP1A0416	RT32044	MICROWAVE ENGINEERING	25	37	3
14AP1A0416	RT32045A	BIO MEDICAL ENGINEERING	23	35	3
14AP1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
14AP1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	25	46	2
14AP1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0416	RT32049	SEMINAR	45	0	1
14AP1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
14AP1A0417	RT32042	DIGITAL SIGNAL PROCESSING	16	3	0
14AP1A0417	RT32043	DIGITAL COMMUNICATIONS	19	3	0
14AP1A0417	RT32044	MICROWAVE ENGINEERING	18	4	0
14AP1A0417	RT32045A	BIO MEDICAL ENGINEERING	18	16	0
14AP1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	28	2
14AP1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	20	39	2
14AP1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	40	2
14AP1A0417	RT32049	SEMINAR	43	0	1
14AP1A0418	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	30	3
14AP1A0418	RT32042	DIGITAL SIGNAL PROCESSING	22	18	0
14AP1A0418	RT32043	DIGITAL COMMUNICATIONS	28	24	3
14AP1A0418	RT32044	MICROWAVE ENGINEERING	25	13	0
14AP1A0418	RT32045A	BIO MEDICAL ENGINEERING	22	36	3
14AP1A0418	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14AP1A0418	RT32047	DIGITAL COMMUNICATIONS LAB	24	46	2
14AP1A0418	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
14AP1A0418	RT32049	SEMINAR	44	0	1
14AP1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	0	0
14AP1A0419	RT32042	DIGITAL SIGNAL PROCESSING	25	48	3
14AP1A0419	RT32043	DIGITAL COMMUNICATIONS	27	27	3
14AP1A0419	RT32044	MICROWAVE ENGINEERING	21	7	0
14AP1A0419	RT32045A	BIO MEDICAL ENGINEERING	22	31	3
14AP1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
14AP1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14AP1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
14AP1A0419	RT32049	SEMINAR	44	0	1
14AP1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	39	3
14AP1A0420	RT32042	DIGITAL SIGNAL PROCESSING	28	36	3
14AP1A0420	RT32043	DIGITAL COMMUNICATIONS	26	45	3
14AP1A0420	RT32044	MICROWAVE ENGINEERING	22	32	3
14AP1A0420	RT32045A	BIO MEDICAL ENGINEERING	22	45	3
14AP1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
14AP1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14AP1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14AP1A0420	RT32049	SEMINAR	48	0	1
14AP1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	-1	0
14AP1A0421	RT32042	DIGITAL SIGNAL PROCESSING	16	-1	0
14AP1A0421	RT32043	DIGITAL COMMUNICATIONS	25	-1	0
14AP1A0421	RT32044	MICROWAVE ENGINEERING	18	-1	0
14AP1A0421	RT32045A	BIO MEDICAL ENGINEERING	18	-1	0
14AP1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
14AP1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	21	38	2
14AP1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
14AP1A0421	RT32049	SEMINAR	42	0	1
14AP1A0501	RT32051	SOFTWARE ENGINEERING	24	27	3
14AP1A0501	RT32052	DATA WARE HOUSING AND MINING	19	24	3
14AP1A0501	RT32053	COMPUTER NETWORKS	17	49	3
14AP1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	36	3

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0501	RT32055	WEB TECHNOLOGIES	19	28	3
14AP1A0501	RT32056	IPR AND PATENTS	21	49	2
14AP1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0501	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14AP1A0501	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14AP1A0504	RT32051	SOFTWARE ENGINEERING	16	28	3
14AP1A0504	RT32052	DATA WARE HOUSING AND MINING	16	9	0
14AP1A0504	RT32053	COMPUTER NETWORKS	16	10	0
14AP1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	4	0
14AP1A0504	RT32055	WEB TECHNOLOGIES	18	2	0
14AP1A0504	RT32056	IPR AND PATENTS	17	14	0
14AP1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
14AP1A0504	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14AP1A0504	RT32059	WEB TECHNOLOGIES LAB	21	44	2
14AP1A0505	RT32051	SOFTWARE ENGINEERING	26	24	3
14AP1A0505	RT32052	DATA WARE HOUSING AND MINING	22	9	0
14AP1A0505	RT32053	COMPUTER NETWORKS	17	34	3
14AP1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	24	3
14AP1A0505	RT32055	WEB TECHNOLOGIES	16	4	0
14AP1A0505	RT32056	IPR AND PATENTS	16	31	2
14AP1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
14AP1A0505	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0505	RT32059	WEB TECHNOLOGIES LAB	20	42	2
14AP1A0506	RT32051	SOFTWARE ENGINEERING	22	41	3
14AP1A0506	RT32052	DATA WARE HOUSING AND MINING	20	27	3
14AP1A0506	RT32053	COMPUTER NETWORKS	17	24	3
14AP1A0506	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	17	0
14AP1A0506	RT32055	WEB TECHNOLOGIES	16	24	3
14AP1A0506	RT32056	IPR AND PATENTS	21	26	2
14AP1A0506	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14AP1A0506	RT32058	SOFTWARE ENGINEERING LAB	25	46	2
14AP1A0506	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14AP1A0507	RT32051	SOFTWARE ENGINEERING	28	27	3
14AP1A0507	RT32052	DATA WARE HOUSING AND MINING	27	32	3
14AP1A0507	RT32053	COMPUTER NETWORKS	22	36	3
14AP1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	36	3
14AP1A0507	RT32055	WEB TECHNOLOGIES	24	35	3
14AP1A0507	RT32056	IPR AND PATENTS	29	37	2
14AP1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
14AP1A0507	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0507	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14AP1A0509	RT32051	SOFTWARE ENGINEERING	18	13	0
14AP1A0509	RT32052	DATA WARE HOUSING AND MINING	12	17	0
14AP1A0509	RT32053	COMPUTER NETWORKS	16	7	0
14AP1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	7	0
14AP1A0509	RT32055	WEB TECHNOLOGIES	16	0	0
14AP1A0509	RT32056	IPR AND PATENTS	16	14	0
14AP1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	20	43	2
14AP1A0509	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
14AP1A0509	RT32059	WEB TECHNOLOGIES LAB	20	46	2

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0510	RT32051	SOFTWARE ENGINEERING	28	40	3
14AP1A0510	RT32052	DATA WARE HOUSING AND MINING	24	16	0
14AP1A0510	RT32053	COMPUTER NETWORKS	26	38	3
14AP1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
14AP1A0510	RT32055	WEB TECHNOLOGIES	26	37	3
14AP1A0510	RT32056	IPR AND PATENTS	28	30	2
14AP1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
14AP1A0510	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0510	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14AP1A0511	RT32051	SOFTWARE ENGINEERING	26	43	3
14AP1A0511	RT32052	DATA WARE HOUSING AND MINING	22	39	3
14AP1A0511	RT32053	COMPUTER NETWORKS	27	33	3
14AP1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	29	3
14AP1A0511	RT32055	WEB TECHNOLOGIES	26	29	3
14AP1A0511	RT32056	IPR AND PATENTS	28	33	2
14AP1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
14AP1A0511	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14AP1A0511	RT32059	WEB TECHNOLOGIES LAB	23	48	2
14AP1A0512	RT32051	SOFTWARE ENGINEERING	18	10	0
14AP1A0512	RT32052	DATA WARE HOUSING AND MINING	16	12	0
14AP1A0512	RT32053	COMPUTER NETWORKS	16	27	3
14AP1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	11	0
14AP1A0512	RT32055	WEB TECHNOLOGIES	16	24	3
14AP1A0512	RT32056	IPR AND PATENTS	16	36	2
14AP1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0512	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
14AP1A0512	RT32059	WEB TECHNOLOGIES LAB	23	42	2
14AP1A0513	RT32051	SOFTWARE ENGINEERING	24	42	3
14AP1A0513	RT32052	DATA WARE HOUSING AND MINING	22	31	3
14AP1A0513	RT32053	COMPUTER NETWORKS	16	24	3
14AP1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
14AP1A0513	RT32055	WEB TECHNOLOGIES	21	24	3
14AP1A0513	RT32056	IPR AND PATENTS	22	29	2
14AP1A0513	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
14AP1A0513	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14AP1A0513	RT32059	WEB TECHNOLOGIES LAB	24	44	2
14AP1A0514	RT32051	SOFTWARE ENGINEERING	20	36	3
14AP1A0514	RT32052	DATA WARE HOUSING AND MINING	24	10	0
14AP1A0514	RT32053	COMPUTER NETWORKS	16	40	3
14AP1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	26	3
14AP1A0514	RT32055	WEB TECHNOLOGIES	16	11	0
14AP1A0514	RT32056	IPR AND PATENTS	16	47	2
14AP1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0514	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14AP1A0514	RT32059	WEB TECHNOLOGIES LAB	20	42	2
14AP1A0515	RT32051	SOFTWARE ENGINEERING	22	52	3
14AP1A0515	RT32052	DATA WARE HOUSING AND MINING	25	16	0
14AP1A0515	RT32053	COMPUTER NETWORKS	17	26	3
14AP1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	29	3
14AP1A0515	RT32055	WEB TECHNOLOGIES	17	16	0

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0515	RT32056	IPR AND PATENTS	17	34	2
14AP1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0515	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0515	RT32059	WEB TECHNOLOGIES LAB	20	42	2
14AP1A0516	RT32051	SOFTWARE ENGINEERING	25	18	0
14AP1A0516	RT32052	DATA WARE HOUSING AND MINING	24	26	3
14AP1A0516	RT32053	COMPUTER NETWORKS	20	45	3
14AP1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	29	3
14AP1A0516	RT32055	WEB TECHNOLOGIES	17	24	3
14AP1A0516	RT32056	IPR AND PATENTS	16	48	2
14AP1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0516	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14AP1A0516	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14AP1A0517	RT32051	SOFTWARE ENGINEERING	22	41	3
14AP1A0517	RT32052	DATA WARE HOUSING AND MINING	23	24	3
14AP1A0517	RT32053	COMPUTER NETWORKS	16	24	3
14AP1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	24	3
14AP1A0517	RT32055	WEB TECHNOLOGIES	16	32	3
14AP1A0517	RT32056	IPR AND PATENTS	16	31	2
14AP1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14AP1A0517	RT32058	SOFTWARE ENGINEERING LAB	25	47	2
14AP1A0517	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14AP1A0518	RT32051	SOFTWARE ENGINEERING	25	38	3
14AP1A0518	RT32052	DATA WARE HOUSING AND MINING	17	7	0
14AP1A0518	RT32053	COMPUTER NETWORKS	16	45	3
14AP1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	29	3
14AP1A0518	RT32055	WEB TECHNOLOGIES	18	26	3
14AP1A0518	RT32056	IPR AND PATENTS	20	29	2
14AP1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0518	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0518	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14AP1A0520	RT32051	SOFTWARE ENGINEERING	25	30	3
14AP1A0520	RT32052	DATA WARE HOUSING AND MINING	21	27	3
14AP1A0520	RT32053	COMPUTER NETWORKS	20	16	0
14AP1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	30	3
14AP1A0520	RT32055	WEB TECHNOLOGIES	25	14	0
14AP1A0520	RT32056	IPR AND PATENTS	19	29	2
14AP1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14AP1A0520	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0520	RT32059	WEB TECHNOLOGIES LAB	21	45	2
14AP1A0521	RT32051	SOFTWARE ENGINEERING	27	31	3
14AP1A0521	RT32052	DATA WARE HOUSING AND MINING	26	26	3
14AP1A0521	RT32053	COMPUTER NETWORKS	29	49	3
14AP1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	47	3
14AP1A0521	RT32055	WEB TECHNOLOGIES	29	27	3
14AP1A0521	RT32056	IPR AND PATENTS	27	38	2
14AP1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14AP1A0521	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14AP1A0521	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14AP1A0522	RT32051	SOFTWARE ENGINEERING	17	-1	0

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0522	RT32052	DATA WARE HOUSING AND MINING	16	11	0
14AP1A0522	RT32053	COMPUTER NETWORKS	16	20	0
14AP1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	9	27	0
14AP1A0522	RT32055	WEB TECHNOLOGIES	17	1	0
14AP1A0522	RT32056	IPR AND PATENTS	17	23	0
14AP1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14AP1A0522	RT32058	SOFTWARE ENGINEERING LAB	20	44	2
14AP1A0522	RT32059	WEB TECHNOLOGIES LAB	21	44	2
14AP1A0523	RT32051	SOFTWARE ENGINEERING	24	26	3
14AP1A0523	RT32052	DATA WARE HOUSING AND MINING	20	13	0
14AP1A0523	RT32053	COMPUTER NETWORKS	18	46	3
14AP1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	32	3
14AP1A0523	RT32055	WEB TECHNOLOGIES	17	33	3
14AP1A0523	RT32056	IPR AND PATENTS	18	41	2
14AP1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
14AP1A0523	RT32058	SOFTWARE ENGINEERING LAB	22	48	2
14AP1A0523	RT32059	WEB TECHNOLOGIES LAB	23	44	2
14AP1A0525	RT32051	SOFTWARE ENGINEERING	28	45	3
14AP1A0525	RT32052	DATA WARE HOUSING AND MINING	26	34	3
14AP1A0525	RT32053	COMPUTER NETWORKS	27	39	3
14AP1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	39	3
14AP1A0525	RT32055	WEB TECHNOLOGIES	25	29	3
14AP1A0525	RT32056	IPR AND PATENTS	29	35	2
14AP1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14AP1A0525	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
14AP1A0525	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14AP1A0526	RT32051	SOFTWARE ENGINEERING	22	25	3
14AP1A0526	RT32052	DATA WARE HOUSING AND MINING	21	36	3
14AP1A0526	RT32053	COMPUTER NETWORKS	16	48	3
14AP1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	44	3
14AP1A0526	RT32055	WEB TECHNOLOGIES	23	34	3
14AP1A0526	RT32056	IPR AND PATENTS	16	41	2
14AP1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14AP1A0526	RT32058	SOFTWARE ENGINEERING LAB	22	40	2
14AP1A0526	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14AP1A0527	RT32051	SOFTWARE ENGINEERING	21	38	3
14AP1A0527	RT32052	DATA WARE HOUSING AND MINING	20	27	3
14AP1A0527	RT32053	COMPUTER NETWORKS	16	24	3
14AP1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
14AP1A0527	RT32055	WEB TECHNOLOGIES	18	24	3
14AP1A0527	RT32056	IPR AND PATENTS	20	31	2
14AP1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	45	2
14AP1A0527	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0527	RT32059	WEB TECHNOLOGIES LAB	23	45	2
14AP1A0528	RT32051	SOFTWARE ENGINEERING	26	36	3
14AP1A0528	RT32052	DATA WARE HOUSING AND MINING	23	31	3
14AP1A0528	RT32053	COMPUTER NETWORKS	26	47	3
14AP1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	37	3
14AP1A0528	RT32055	WEB TECHNOLOGIES	28	46	3
14AP1A0528	RT32056	IPR AND PATENTS	27	31	2

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14AP1A0528	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14AP1A0528	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14AP1A0529	RT32051	SOFTWARE ENGINEERING	26	44	3
14AP1A0529	RT32052	DATA WARE HOUSING AND MINING	25	27	3
14AP1A0529	RT32053	COMPUTER NETWORKS	18	29	3
14AP1A0529	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	30	3
14AP1A0529	RT32055	WEB TECHNOLOGIES	24	24	3
14AP1A0529	RT32056	IPR AND PATENTS	23	34	2
14AP1A0529	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14AP1A0529	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14AP1A0529	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14AP1A0530	RT32051	SOFTWARE ENGINEERING	25	34	3
14AP1A0530	RT32052	DATA WARE HOUSING AND MINING	27	35	3
14AP1A0530	RT32053	COMPUTER NETWORKS	28	47	3
14AP1A0530	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	49	3
14AP1A0530	RT32055	WEB TECHNOLOGIES	27	38	3
14AP1A0530	RT32056	IPR AND PATENTS	25	54	2
14AP1A0530	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14AP1A0530	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0530	RT32059	WEB TECHNOLOGIES LAB	21	45	2
14AP1A0532	RT32051	SOFTWARE ENGINEERING	25	37	3
14AP1A0532	RT32052	DATA WARE HOUSING AND MINING	21	24	3
14AP1A0532	RT32053	COMPUTER NETWORKS	20	37	3
14AP1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	26	3
14AP1A0532	RT32055	WEB TECHNOLOGIES	27	24	3
14AP1A0532	RT32056	IPR AND PATENTS	24	33	2
14AP1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14AP1A0532	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0532	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14AP1A0533	RT32051	SOFTWARE ENGINEERING	27	24	3
14AP1A0533	RT32052	DATA WARE HOUSING AND MINING	23	9	0
14AP1A0533	RT32053	COMPUTER NETWORKS	16	45	3
14AP1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	29	3
14AP1A0533	RT32055	WEB TECHNOLOGIES	21	36	3
14AP1A0533	RT32056	IPR AND PATENTS	16	44	2
14AP1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	44	2
14AP1A0533	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14AP1A0533	RT32059	WEB TECHNOLOGIES LAB	22	47	2
14AP1A0534	RT32051	SOFTWARE ENGINEERING	27	43	3
14AP1A0534	RT32052	DATA WARE HOUSING AND MINING	25	34	3
14AP1A0534	RT32053	COMPUTER NETWORKS	29	44	3
14AP1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	29	3
14AP1A0534	RT32055	WEB TECHNOLOGIES	27	24	3
14AP1A0534	RT32056	IPR AND PATENTS	26	39	2
14AP1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	50	2
14AP1A0534	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0534	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14AP1A0535	RT32051	SOFTWARE ENGINEERING	26	27	3
14AP1A0535	RT32052	DATA WARE HOUSING AND MINING	25	36	3

Htno	Subcode	Subname	Internal	External	Credits
14AP1A0535	RT32053	COMPUTER NETWORKS	24	53	3
14AP1A0535	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	58	3
14AP1A0535	RT32055	WEB TECHNOLOGIES	28	27	3
14AP1A0535	RT32056	IPR AND PATENTS	26	50	2
14AP1A0535	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
14AP1A0535	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14AP1A0535	RT32059	WEB TECHNOLOGIES LAB	22	47	2
14AP1A0536	RT32051	SOFTWARE ENGINEERING	24	42	3
14AP1A0536	RT32052	DATA WARE HOUSING AND MINING	20	44	3
14AP1A0536	RT32053	COMPUTER NETWORKS	18	34	3
14AP1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	40	3
14AP1A0536	RT32055	WEB TECHNOLOGIES	24	24	3
14AP1A0536	RT32056	IPR AND PATENTS	24	53	2
14AP1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
14AP1A0536	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14AP1A0536	RT32059	WEB TECHNOLOGIES LAB	24	47	2
14AP5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	30	3
14AP5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	35	3
14AP5A0203	RT32024	POWER SYSTEM ANALYSIS	21	18	0
14AP5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	23	31	3
14AP5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	6	0
14AP5A0207	RT32024	POWER SYSTEM ANALYSIS	19	9	0
14AP5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	21	9	0
14AP5A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	33	3
14AP5A0209	RT32022	SWITCHGEAR AND PROTECTION	24	40	3
14AP5A0209	RT32024	POWER SYSTEM ANALYSIS	22	56	3
14AP5A0304	RT32034	ROBOTICS	23	40	3
14AP5A0304	RT32035	HEAT TRANSFER	21	13	0
14AP5A0402	RT32042	DIGITAL SIGNAL PROCESSING	17	14	0
14AP5A0402	RT32043	DIGITAL COMMUNICATIONS	19	21	0
14AP5A0403	RT32042	DIGITAL SIGNAL PROCESSING	23	32	3
14AP5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	29	3
14AP5A0406	RT32042	DIGITAL SIGNAL PROCESSING	18	5	0
14AP5A0406	RT32043	DIGITAL COMMUNICATIONS	19	36	3
14AP5A0406	RT32044	MICROWAVE ENGINEERING	16	0	0
14AP5A0406	RT32045A	BIO MEDICAL ENGINEERING	16	8	0
14AP5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	18	0
14AP5A0410	RT32042	DIGITAL SIGNAL PROCESSING	19	35	3
14AP5A0410	RT32043	DIGITAL COMMUNICATIONS	20	2	0
14AP5A0410	RT32045A	BIO MEDICAL ENGINEERING	17	20	0
14AP5A0412	RT32043	DIGITAL COMMUNICATIONS	17	20	0
14AP5A0412	RT32044	MICROWAVE ENGINEERING	17	16	0
14AP5A0412	RT32045A	BIO MEDICAL ENGINEERING	22	35	3
14AP5A0413	RT32042	DIGITAL SIGNAL PROCESSING	16	15	0
14AP5A0413	RT32044	MICROWAVE ENGINEERING	16	33	3
14AP5A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	-1	0
14AP5A0415	RT32042	DIGITAL SIGNAL PROCESSING	16	14	0
14AP5A0415	RT32044	MICROWAVE ENGINEERING	16	8	0
14AP5A0415	RT32045A	BIO MEDICAL ENGINEERING	17	-1	0
14AP5A0418	RT32044	MICROWAVE ENGINEERING	22	11	0

Htno	Subcode	Subname	Internal	External	Credits
14JH1A0526	RT32051	SOFTWARE ENGINEERING	19	26	3
14JH1A0526	RT32052	DATA WARE HOUSING AND MINING	18	9	0
14JH1A0526	RT32053	COMPUTER NETWORKS	16	31	3
14JH1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	30	3
14JH1A0526	RT32055	WEB TECHNOLOGIES	16	29	3
14JH1A0526	RT32056	IPR AND PATENTS	16	34	2
14JH1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
14JH1A0526	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
14JH1A0526	RT32059	WEB TECHNOLOGIES LAB	20	42	2
15AP5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	24	51	3
15AP5A0101	RT32012	GEOTECHNICAL ENGINEERING II	23	50	3
15AP5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	41	3
15AP5A0101	RT32014	WATER RESOURCES ENGINEERING I	26	66	3
15AP5A0101	RT32015	TRANSPORTATION ENGINEERING II	28	49	3
15AP5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	70	3
15AP5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15AP5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
15AP5A0102	RT32011	ENVIRONMENTAL ENGINEERING I	17	68	3
15AP5A0102	RT32012	GEOTECHNICAL ENGINEERING II	17	24	3
15AP5A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	47	3
15AP5A0102	RT32014	WATER RESOURCES ENGINEERING I	24	49	3
15AP5A0102	RT32015	TRANSPORTATION ENGINEERING II	28	41	3
15AP5A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	40	3
15AP5A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	52	2
15AP5A0102	RT32018	TRANSPORTATION ENGINEERING LAB	21	40	2
15AP5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	19	66	3
15AP5A0103	RT32012	GEOTECHNICAL ENGINEERING II	23	50	3
15AP5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	21	31	3
15AP5A0103	RT32014	WATER RESOURCES ENGINEERING I	21	38	3
15AP5A0103	RT32015	TRANSPORTATION ENGINEERING II	20	65	3
15AP5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	54	3
15AP5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	62	2
15AP5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
15AP5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	25	38	3
15AP5A0201	RT32022	SWITCHGEAR AND PROTECTION	24	42	3
15AP5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	54	3
15AP5A0201	RT32024	POWER SYSTEM ANALYSIS	26	45	3
15AP5A0201	RT32025	MANAGEMENT SCIENCE	27	54	3
15AP5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	25	48	3
15AP5A0201	RT32027	POWER ELECTRONICS LAB	23	48	2
15AP5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	47	2
15AP5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	28	3
15AP5A0202	RT32022	SWITCHGEAR AND PROTECTION	17	9	0
15AP5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	41	3
15AP5A0202	RT32024	POWER SYSTEM ANALYSIS	23	0	0
15AP5A0202	RT32025	MANAGEMENT SCIENCE	22	36	3
15AP5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	25	15	0
15AP5A0202	RT32027	POWER ELECTRONICS LAB	23	46	2
15AP5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	22	43	2
15AP5A0301	RT32031	OPERATIONS RESEARCH	27	34	3

Htno	Subcode	Subname	Internal	External	Credits
15AP5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
15AP5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	26	43	3
15AP5A0301	RT32034	ROBOTICS	28	44	3
15AP5A0301	RT32035	HEAT TRANSFER	22	35	3
15AP5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	27	3
15AP5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	24	29	3
15AP5A0301	RT32038	HEAT TRANSFER LAB	25	49	2
15AP5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
15AP5A0401	RT32042	DIGITAL SIGNAL PROCESSING	24	24	3
15AP5A0401	RT32043	DIGITAL COMMUNICATIONS	22	24	3
15AP5A0401	RT32044	MICROWAVE ENGINEERING	24	24	3
15AP5A0401	RT32045A	BIO MEDICAL ENGINEERING	24	27	3
15AP5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15AP5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15AP5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
15AP5A0401	RT32049	SEMINAR	44	0	1
15AP5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	0	0
15AP5A0402	RT32042	DIGITAL SIGNAL PROCESSING	16	3	0
15AP5A0402	RT32043	DIGITAL COMMUNICATIONS	23	2	0
15AP5A0402	RT32044	MICROWAVE ENGINEERING	24	0	0
15AP5A0402	RT32045A	BIO MEDICAL ENGINEERING	18	-1	0
15AP5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	35	2
15AP5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15AP5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
15AP5A0402	RT32049	SEMINAR	44	0	1
15AP5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	47	3
15AP5A0403	RT32042	DIGITAL SIGNAL PROCESSING	26	29	3
15AP5A0403	RT32043	DIGITAL COMMUNICATIONS	28	63	3
15AP5A0403	RT32044	MICROWAVE ENGINEERING	28	32	3
15AP5A0403	RT32045A	BIO MEDICAL ENGINEERING	24	43	3
15AP5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	49	2
15AP5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15AP5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
15AP5A0403	RT32049	SEMINAR	46	0	1
15AP5A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	14	0
15AP5A0404	RT32042	DIGITAL SIGNAL PROCESSING	16	18	0
15AP5A0404	RT32043	DIGITAL COMMUNICATIONS	25	33	3
15AP5A0404	RT32044	MICROWAVE ENGINEERING	22	3	0
15AP5A0404	RT32045A	BIO MEDICAL ENGINEERING	16	13	0
15AP5A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	44	2
15AP5A0404	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
15AP5A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	21	40	2
15AP5A0404	RT32049	SEMINAR	42	0	1
15AP5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	31	3
15AP5A0405	RT32042	DIGITAL SIGNAL PROCESSING	20	24	3
15AP5A0405	RT32043	DIGITAL COMMUNICATIONS	25	13	0
15AP5A0405	RT32044	MICROWAVE ENGINEERING	23	15	0
15AP5A0405	RT32045A	BIO MEDICAL ENGINEERING	22	16	0
15AP5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15AP5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	22	40	2

Htno	Subcode	Subname	Internal	External	Credits
15AP5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	41	2
15AP5A0405	RT32049	SEMINAR	43	0	1
15AP5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	42	3
15AP5A0406	RT32042	DIGITAL SIGNAL PROCESSING	23	48	3
15AP5A0406	RT32043	DIGITAL COMMUNICATIONS	29	35	3
15AP5A0406	RT32044	MICROWAVE ENGINEERING	28	24	3
15AP5A0406	RT32045A	BIO MEDICAL ENGINEERING	24	28	3
15AP5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15AP5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	25	47	2
15AP5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
15AP5A0406	RT32049	SEMINAR	44	0	1
15AP5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	34	3
15AP5A0407	RT32042	DIGITAL SIGNAL PROCESSING	18	9	0
15AP5A0407	RT32043	DIGITAL COMMUNICATIONS	24	8	0
15AP5A0407	RT32044	MICROWAVE ENGINEERING	16	24	3
15AP5A0407	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
15AP5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
15AP5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	25	48	2
15AP5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	40	2
15AP5A0407	RT32049	SEMINAR	43	0	1
15AP5A0501	RT32051	SOFTWARE ENGINEERING	20	43	3
15AP5A0501	RT32052	DATA WARE HOUSING AND MINING	17	27	3
15AP5A0501	RT32053	COMPUTER NETWORKS	16	24	3
15AP5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	18	0
15AP5A0501	RT32055	WEB TECHNOLOGIES	20	11	0
15AP5A0501	RT32056	IPR AND PATENTS	17	34	2
15AP5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
15AP5A0501	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
15AP5A0501	RT32059	WEB TECHNOLOGIES LAB	23	45	2
15AP5A0502	RT32051	SOFTWARE ENGINEERING	26	32	3
15AP5A0502	RT32052	DATA WARE HOUSING AND MINING	23	36	3
15AP5A0502	RT32053	COMPUTER NETWORKS	23	51	3
15AP5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	52	3
15AP5A0502	RT32055	WEB TECHNOLOGIES	29	41	3
15AP5A0502	RT32056	IPR AND PATENTS	26	40	2
15AP5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
15AP5A0502	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
15AP5A0502	RT32059	WEB TECHNOLOGIES LAB	25	48	2
15AP5A0503	RT32051	SOFTWARE ENGINEERING	24	53	3
15AP5A0503	RT32052	DATA WARE HOUSING AND MINING	24	32	3
15AP5A0503	RT32053	COMPUTER NETWORKS	26	35	3
15AP5A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	39	3
15AP5A0503	RT32055	WEB TECHNOLOGIES	29	30	3
15AP5A0503	RT32056	IPR AND PATENTS	27	36	2
15AP5A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	47	2
15AP5A0503	RT32058	SOFTWARE ENGINEERING LAB	25	49	2
15AP5A0503	RT32059	WEB TECHNOLOGIES LAB	25	50	2
15AP5A0504	RT32051	SOFTWARE ENGINEERING	21	25	3
15AP5A0504	RT32052	DATA WARE HOUSING AND MINING	20	9	0
15AP5A0504	RT32053	COMPUTER NETWORKS	19	31	3

Htno	Subcode	Subname	Internal	External	Credits
15AP5A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	25	3
15AP5A0504	RT32055	WEB TECHNOLOGIES	22	29	3
15AP5A0504	RT32056	IPR AND PATENTS	18	33	2
15AP5A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
15AP5A0504	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15AP5A0504	RT32059	WEB TECHNOLOGIES LAB	24	47	2
15AP5A0505	RT32051	SOFTWARE ENGINEERING	18	24	3
15AP5A0505	RT32052	DATA WARE HOUSING AND MINING	16	9	0
15AP5A0505	RT32053	COMPUTER NETWORKS	16	24	3
15AP5A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	6	0
15AP5A0505	RT32055	WEB TECHNOLOGIES	19	8	0
15AP5A0505	RT32056	IPR AND PATENTS	16	24	2
15AP5A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
15AP5A0505	RT32058	SOFTWARE ENGINEERING LAB	22	44	2
15AP5A0505	RT32059	WEB TECHNOLOGIES LAB	23	47	2

****Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through ONLINE only on or before 19-06-2017.

**** Note:****

* -1 in the filed of externals indicates student absent for the respective subject.

* -2 in the filed of externals indicates student Withheld for the respective subject.

* -3 in the filed of externals indicates student Malpractice for the respective subject.

N. Mohan Rao

Date:08-06-2017

Controller of Examinations