



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech II Semester [R13/R10] Supplementary Examinations Nov-2018

College: DMS SVH COLLEGE OF ENGINEERING:3C

Htno	Subcode	Subname	Internal	External	Credits
123C1A0218	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	-1	0
123C1A0309	R32035	DESIGN OF MACHINE MEMBERS_II	14	-1	0
123C1A0467	R32043	DIGITAL SIGNAL PROCESSING	10	0	0
123C1A0467	R32045	VLSI DESIGN	17	17	0
123C1A0475	R32026	MANAGEMENT SCIENCE	9	19	0
123C1A0475	R32043	DIGITAL SIGNAL PROCESSING	10	0	0
123C1A0475	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	9	0	0
123C1A0475	R32045	VLSI DESIGN	9	0	0
123C1A0520	R32051	ADVANCED COMPUTER NETWORKS	7	0	0
123C1A0520	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	11	0	0
133C1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	18	30	3
133C1A0104	RT32012	GEOTECHNICAL ENGINEERING II	18	25	3
133C1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	10	0
133C1A0301	RT32031	OPERATIONS RESEARCH	8	36	3
133C1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	16	11	0
133C1A0318	RT32031	OPERATIONS RESEARCH	12	-1	0
133C1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	-1	0
133C1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	20	-1	0
133C1A0318	RT32034	ROBOTICS	9	-1	0
133C1A0318	RT32035	HEAT TRANSFER	9	-1	0
133C1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	-1	0
133C1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	19	-1	0
133C1A0321	RT32035	HEAT TRANSFER	17	-1	0
133C1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	17	-1	0
133C1A0322	RT32034	ROBOTICS	7	-1	0
133C1A0322	RT32035	HEAT TRANSFER	18	6	0
133C1A0323	RT32031	OPERATIONS RESEARCH	20	30	3
133C1A0325	RT32031	OPERATIONS RESEARCH	17	28	3
133C1A0328	RT32031	OPERATIONS RESEARCH	18	0	0
133C1A0328	RT32035	HEAT TRANSFER	17	-1	0
133C1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	-1	0
133C1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
133C1A0330	RT32031	OPERATIONS RESEARCH	23	42	3
133C1A0341	RT32031	OPERATIONS RESEARCH	23	30	3
133C1A03A0	RT32033	DESIGN OF MACHINE MEMBERS II	18	-1	0
133C1A03A8	RT32031	OPERATIONS RESEARCH	25	-1	0
133C1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
133C1A03B3	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	-1	0
133C1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	13	-1	0
133C1A0406	RT32043	DIGITAL COMMUNICATIONS	15	32	3
133C1A0416	RT32042	DIGITAL SIGNAL PROCESSING	18	17	0
133C1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	28	3
133C1A0431	RT32042	DIGITAL SIGNAL PROCESSING	10	11	0
133C1A0431	RT32043	DIGITAL COMMUNICATIONS	13	17	0

Htno	Subcode	Subname	Internal	External	Credits
133C1A0431	RT32044	MICROWAVE ENGINEERING	11	14	0
133C1A0431	RT32045A	BIO MEDICAL ENGINEERING	10	22	0
133C1A0440	RT32042	DIGITAL SIGNAL PROCESSING	10	10	0
133C1A0440	RT32043	DIGITAL COMMUNICATIONS	7	12	0
133C1A0440	RT32044	MICROWAVE ENGINEERING	8	9	0
133C1A0441	RT32042	DIGITAL SIGNAL PROCESSING	20	18	0
133C1A0441	RT32043	DIGITAL COMMUNICATIONS	14	19	0
133C1A0441	RT32044	MICROWAVE ENGINEERING	22	24	3
133C1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	7	0
133C1A0443	RT32042	DIGITAL SIGNAL PROCESSING	20	10	0
133C1A0443	RT32043	DIGITAL COMMUNICATIONS	11	7	0
133C1A0443	RT32044	MICROWAVE ENGINEERING	15	5	0
133C1A0501	RT32055	WEB TECHNOLOGIES	4	19	0
133C1A0502	RT32053	COMPUTER NETWORKS	3	-1	0
133C1A0502	RT32055	WEB TECHNOLOGIES	4	0	0
133C1A0504	RT32055	WEB TECHNOLOGIES	7	9	0
133C5A0107	R32016	TRANSPORTATION ENGINEERING-II	9	-1	0
143C1A0112	RT32011	ENVIRONMENTAL ENGINEERING I	14	24	0
143C1A0112	RT32012	GEOTECHNICAL ENGINEERING II	17	16	0
143C1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	16	0
143C1A0135	RT32014	WATER RESOURCES ENGINEERING I	24	25	3
143C1A0135	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	26	3
143C1A0203	RT32022	SWITCHGEAR AND PROTECTION	26	20	0
143C1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	29	3
143C1A0206	RT32022	SWITCHGEAR AND PROTECTION	18	0	0
143C1A0304	RT32031	OPERATIONS RESEARCH	12	17	0
143C1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	29	3
143C1A0310	RT32031	OPERATIONS RESEARCH	11	-1	0
143C1A0310	RT32034	ROBOTICS	19	-1	0
143C1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	25	3
143C1A0311	RT32034	ROBOTICS	17	0	0
143C1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	18	0	0
143C1A0313	RT32031	OPERATIONS RESEARCH	10	0	0
143C1A0313	RT32035	HEAT TRANSFER	21	0	0
143C1A0321	RT32031	OPERATIONS RESEARCH	11	32	3
143C1A0322	RT32031	OPERATIONS RESEARCH	11	30	3
143C1A0326	RT32031	OPERATIONS RESEARCH	11	11	0
143C1A0326	RT32035	HEAT TRANSFER	21	14	0
143C1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	18	6	0
143C1A0329	RT32035	HEAT TRANSFER	20	12	0
143C1A0331	RT32034	ROBOTICS	21	8	0
143C1A0333	RT32031	OPERATIONS RESEARCH	13	30	3
143C1A0335	RT32034	ROBOTICS	16	28	3
143C1A0338	RT32031	OPERATIONS RESEARCH	16	15	0
143C1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	17	14	0
143C1A0347	RT32031	OPERATIONS RESEARCH	14	9	0
143C1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	18	0
143C1A0347	RT32035	HEAT TRANSFER	27	10	0
143C1A0347	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	4	0
143C1A0347	RT32037A	REFRIGERATION & AIR CONDITIONING	15	0	0

Htno	Subcode	Subname	Internal	External	Credits
143C1A0348	RT32034	ROBOTICS	17	0	0
143C1A0348	RT32035	HEAT TRANSFER	22	14	0
143C1A0348	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	16	0
143C1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
143C1A0349	RT32034	ROBOTICS	20	0	0
143C1A0357	RT32031	OPERATIONS RESEARCH	11	34	3
143C1A0360	RT32031	OPERATIONS RESEARCH	12	0	0
143C1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	18	-1	0
143C1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	26	3
143C1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	12	24	0
143C1A0363	RT32031	OPERATIONS RESEARCH	12	37	3
143C1A0364	RT32037A	REFRIGERATION & AIR CONDITIONING	21	5	0
143C1A0370	RT32031	OPERATIONS RESEARCH	15	0	0
143C1A0370	RT32034	ROBOTICS	19	0	0
143C1A0370	RT32037A	REFRIGERATION & AIR CONDITIONING	21	0	0
143C1A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	9	0
143C1A0410	RT32042	DIGITAL SIGNAL PROCESSING	13	0	0
143C1A0410	RT32043	DIGITAL COMMUNICATIONS	19	5	0
143C1A0410	RT32044	MICROWAVE ENGINEERING	15	0	0
143C1A0410	RT32045A	BIO MEDICAL ENGINEERING	7	-1	0
143C1A0410	RT32047	DIGITAL COMMUNICATIONS LAB	0	40	2
143C1A0437	RT32042	DIGITAL SIGNAL PROCESSING	10	0	0
143C1A0437	RT32043	DIGITAL COMMUNICATIONS	23	7	0
143C1A0437	RT32044	MICROWAVE ENGINEERING	12	0	0
143C1A0437	RT32045A	BIO MEDICAL ENGINEERING	13	8	0
143C1A0441	RT32042	DIGITAL SIGNAL PROCESSING	11	7	0
143C1A0441	RT32043	DIGITAL COMMUNICATIONS	24	13	0
143C1A0502	RT32055	WEB TECHNOLOGIES	22	17	0
143C1A0509	RT32055	WEB TECHNOLOGIES	16	37	3
143C1A0513	RT32052	DATA WARE HOUSING AND MINING	18	13	0
143C1A0513	RT32055	WEB TECHNOLOGIES	18	6	0
143C1A0516	RT32055	WEB TECHNOLOGIES	19	11	0
143C1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	11	0
143C1A0528	RT32055	WEB TECHNOLOGIES	20	14	0
143C1A0531	RT32052	DATA WARE HOUSING AND MINING	20	9	0
143C1A0543	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	7	0
143C1A0543	RT32055	WEB TECHNOLOGIES	19	7	0
143C5A0320	RT32031	OPERATIONS RESEARCH	20	-1	0
143C5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	-1	0
143C5A0402	RT32042	DIGITAL SIGNAL PROCESSING	9	8	0
143C5A0402	RT32043	DIGITAL COMMUNICATIONS	17	15	0
143C5A0402	RT32044	MICROWAVE ENGINEERING	8	-1	0
143C5A0412	RT32043	DIGITAL COMMUNICATIONS	15	0	0
143C5A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	19	0
143C5A0428	RT32042	DIGITAL SIGNAL PROCESSING	15	0	0
143C5A0428	RT32043	DIGITAL COMMUNICATIONS	13	5	0
143C5A0428	RT32044	MICROWAVE ENGINEERING	13	-1	0
143C5A0428	RT32045A	BIO MEDICAL ENGINEERING	21	15	0
143C5A0429	RT32043	DIGITAL COMMUNICATIONS	14	32	3
143C5A0435	RT32043	DIGITAL COMMUNICATIONS	15	6	0

Htno	Subcode	Subname	Internal	External	Credits
143C5A0502	RT32053	COMPUTER NETWORKS	11	16	0
153C1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	21	0
153C1A0101	RT32014	WATER RESOURCES ENGINEERING I	19	26	3
153C1A0106	RT32015	TRANSPORTATION ENGINEERING II	29	26	3
153C1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	26	3
153C1A0113	RT32014	WATER RESOURCES ENGINEERING I	27	24	3
153C1A0113	RT32015	TRANSPORTATION ENGINEERING II	19	7	0
153C1A0115	RT32014	WATER RESOURCES ENGINEERING I	29	36	3
153C1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	-1	0
153C1A0120	RT32012	GEOTECHNICAL ENGINEERING II	14	15	0
153C1A0123	RT32014	WATER RESOURCES ENGINEERING I	27	24	3
153C1A0135	RT32014	WATER RESOURCES ENGINEERING I	25	16	0
153C1A0139	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	17	0
153C1A0139	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
153C1A0144	RT32014	WATER RESOURCES ENGINEERING I	29	25	3
153C1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	31	3
153C1A0146	RT32014	WATER RESOURCES ENGINEERING I	26	24	3
153C1A0149	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	5	0
153C1A0149	RT32014	WATER RESOURCES ENGINEERING I	18	0	0
153C1A0149	RT32015	TRANSPORTATION ENGINEERING II	22	0	0
153C1A0150	RT32015	TRANSPORTATION ENGINEERING II	22	1	0
153C1A0150	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	25	3
153C1A0153	RT32015	TRANSPORTATION ENGINEERING II	19	11	0
153C1A0154	RT32014	WATER RESOURCES ENGINEERING I	22	24	3
153C1A0154	RT32015	TRANSPORTATION ENGINEERING II	14	5	0
153C1A0203	RT32022	SWITCHGEAR AND PROTECTION	23	28	3
153C1A0304	RT32031	OPERATIONS RESEARCH	15	35	3
153C1A0305	RT32034	ROBOTICS	25	38	3
153C1A0307	RT32031	OPERATIONS RESEARCH	11	31	3
153C1A0307	RT32034	ROBOTICS	7	11	0
153C1A0307	RT32035	HEAT TRANSFER	19	10	0
153C1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	25	3
153C1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	13	7	0
153C1A0308	RT32035	HEAT TRANSFER	20	9	0
153C1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
153C1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	21	15	0
153C1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	22	8	0
153C1A0311	RT32031	OPERATIONS RESEARCH	11	40	3
153C1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	22	11	0
153C1A0312	RT32035	HEAT TRANSFER	24	14	0
153C1A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	19	9	0
153C1A0316	RT32031	OPERATIONS RESEARCH	14	0	0
153C1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	16	10	0
153C1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	26	19	0
153C1A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	10	0
153C1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
153C1A0318	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	25	3
153C1A0318	RT32034	ROBOTICS	16	0	0
153C1A0318	RT32035	HEAT TRANSFER	22	12	0
153C1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	20	7	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	0	0
153C1A0320	RT32035	HEAT TRANSFER	21	0	0
153C1A0322	RT32031	OPERATIONS RESEARCH	14	42	3
153C1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	23	-1	0
153C1A0323	RT32031	OPERATIONS RESEARCH	10	0	0
153C1A0323	RT32034	ROBOTICS	12	0	0
153C1A0323	RT32035	HEAT TRANSFER	12	10	0
153C1A0326	RT32035	HEAT TRANSFER	21	9	0
153C1A0328	RT32031	OPERATIONS RESEARCH	14	48	3
153C1A0328	RT32034	ROBOTICS	9	0	0
153C1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	9	-1	0
153C1A0329	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	34	3
153C1A0329	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
153C1A0329	RT32035	HEAT TRANSFER	12	6	0
153C1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	17	0	0
153C1A0330	RT32031	OPERATIONS RESEARCH	15	10	0
153C1A0330	RT32034	ROBOTICS	20	37	3
153C1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	31	3
153C1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
153C1A0333	RT32035	HEAT TRANSFER	19	15	0
153C1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	30	3
153C1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	21	33	3
153C1A0335	RT32034	ROBOTICS	15	13	0
153C1A0336	RT32035	HEAT TRANSFER	26	15	0
153C1A0337	RT32031	OPERATIONS RESEARCH	19	0	0
153C1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	24	3
153C1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	27	17	0
153C1A0337	RT32034	ROBOTICS	15	9	0
153C1A0337	RT32035	HEAT TRANSFER	17	9	0
153C1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	26	3
153C1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	21	6	0
153C1A0340	RT32035	HEAT TRANSFER	27	11	0
153C1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	23	38	3
153C1A0341	RT32035	HEAT TRANSFER	22	8	0
153C1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	25	3
153C1A0345	RT32035	HEAT TRANSFER	22	10	0
153C1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	21	5	0
153C1A0346	RT32031	OPERATIONS RESEARCH	11	10	0
153C1A0346	RT32034	ROBOTICS	15	6	0
153C1A0346	RT32037A	REFRIGERATION & AIR CONDITIONING	23	5	0
153C1A0347	RT32034	ROBOTICS	13	6	0
153C1A0350	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	32	3
153C1A0350	RT32034	ROBOTICS	20	34	3
153C1A0351	RT32035	HEAT TRANSFER	24	20	0
153C1A0353	RT32031	OPERATIONS RESEARCH	24	0	0
153C1A0353	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	15	0
153C1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	22	16	0
153C1A0353	RT32034	ROBOTICS	20	18	0
153C1A0353	RT32035	HEAT TRANSFER	21	0	0
153C1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	24	3

Htno	Subcode	Subname	Internal	External	Credits
153C1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	21	5	0
153C1A0355	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	19	0
153C1A0356	RT32035	HEAT TRANSFER	21	14	0
153C1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	25	3
153C1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	27	3
153C1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	17	17	0
153C1A0358	RT32035	HEAT TRANSFER	20	17	0
153C1A0358	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
153C1A0362	RT32034	ROBOTICS	18	10	0
153C1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	26	3
153C1A0362	RT32037A	REFRIGERATION & AIR CONDITIONING	16	13	0
153C1A0365	RT32031	OPERATIONS RESEARCH	15	37	3
153C1A0365	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	26	3
153C1A0365	RT32033	DESIGN OF MACHINE MEMBERS II	26	42	3
153C1A0365	RT32035	HEAT TRANSFER	23	12	0
153C1A0365	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
153C1A0365	RT32037A	REFRIGERATION & AIR CONDITIONING	13	0	0
153C1A0366	RT32031	OPERATIONS RESEARCH	8	0	0
153C1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	10	10	0
153C1A0366	RT32034	ROBOTICS	10	10	0
153C1A0366	RT32035	HEAT TRANSFER	18	6	0
153C1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	12	0
153C1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	13	0	0
153C1A0367	RT32031	OPERATIONS RESEARCH	8	-1	0
153C1A0367	RT32032	INTERACTIVE COMPUTER GRAPHICS	7	5	0
153C1A0367	RT32034	ROBOTICS	13	-1	0
153C1A0367	RT32035	HEAT TRANSFER	16	12	0
153C1A0367	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	-1	0
153C1A0367	RT32037A	REFRIGERATION & AIR CONDITIONING	13	-1	0
153C1A0368	RT32035	HEAT TRANSFER	24	14	0
153C1A0373	RT32035	HEAT TRANSFER	22	7	0
153C1A0375	RT32037A	REFRIGERATION & AIR CONDITIONING	21	14	0
153C1A0378	RT32031	OPERATIONS RESEARCH	20	36	3
153C1A0381	RT32031	OPERATIONS RESEARCH	5	-1	0
153C1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	-1	0
153C1A0381	RT32033	DESIGN OF MACHINE MEMBERS II	18	-1	0
153C1A0381	RT32034	ROBOTICS	12	-1	0
153C1A0381	RT32035	HEAT TRANSFER	16	-1	0
153C1A0381	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	7	-1	0
153C1A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	9	-1	0
153C1A0383	RT32035	HEAT TRANSFER	18	0	0
153C1A0383	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	5	0
153C1A0383	RT32037A	REFRIGERATION & AIR CONDITIONING	16	7	0
153C1A0384	RT32034	ROBOTICS	18	30	3
153C1A0386	RT32031	OPERATIONS RESEARCH	12	16	0
153C1A0387	RT32035	HEAT TRANSFER	19	15	0
153C1A0387	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	18	0
153C1A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
153C1A0388	RT32031	OPERATIONS RESEARCH	14	11	0
153C1A0388	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	7	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0388	RT32033	DESIGN OF MACHINE MEMBERS II	20	20	0
153C1A0388	RT32034	ROBOTICS	16	12	0
153C1A0388	RT32035	HEAT TRANSFER	19	10	0
153C1A0388	RT32037A	REFRIGERATION & AIR CONDITIONING	22	12	0
153C1A0404	RT32042	DIGITAL SIGNAL PROCESSING	22	36	3
153C1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	12	0
153C1A0406	RT32045A	BIO MEDICAL ENGINEERING	17	13	0
153C1A0408	RT32042	DIGITAL SIGNAL PROCESSING	21	47	3
153C1A0412	RT32042	DIGITAL SIGNAL PROCESSING	17	0	0
153C1A0412	RT32043	DIGITAL COMMUNICATIONS	21	5	0
153C1A0412	RT32044	MICROWAVE ENGINEERING	16	0	0
153C1A0412	RT32045A	BIO MEDICAL ENGINEERING	15	12	0
153C1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	12	0
153C1A0413	RT32043	DIGITAL COMMUNICATIONS	12	18	0
153C1A0416	RT32042	DIGITAL SIGNAL PROCESSING	19	33	3
153C1A0416	RT32044	MICROWAVE ENGINEERING	25	37	3
153C1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	8	0
153C1A0430	RT32042	DIGITAL SIGNAL PROCESSING	18	0	0
153C1A0431	RT32042	DIGITAL SIGNAL PROCESSING	19	20	0
153C1A0431	RT32043	DIGITAL COMMUNICATIONS	18	5	0
153C1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	31	3
153C1A0432	RT32043	DIGITAL COMMUNICATIONS	20	12	0
153C1A0432	RT32045A	BIO MEDICAL ENGINEERING	16	17	0
153C1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	10	30	2
153C1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	32	3
153C1A0436	RT32042	DIGITAL SIGNAL PROCESSING	20	13	0
153C1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	15	0	0
153C1A0437	RT32042	DIGITAL SIGNAL PROCESSING	18	9	0
153C1A0437	RT32043	DIGITAL COMMUNICATIONS	21	0	0
153C1A0437	RT32044	MICROWAVE ENGINEERING	18	0	0
153C1A0437	RT32045A	BIO MEDICAL ENGINEERING	14	9	0
153C1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	21	0
153C1A0441	RT32042	DIGITAL SIGNAL PROCESSING	18	33	3
153C1A0501	RT32052	DATA WARE HOUSING AND MINING	17	0	0
153C1A0501	RT32053	COMPUTER NETWORKS	12	6	0
153C1A0501	RT32056	IPR AND PATENTS	13	3	0
153C1A0503	RT32051	SOFTWARE ENGINEERING	22	14	0
153C1A0503	RT32052	DATA WARE HOUSING AND MINING	23	20	0
153C1A0506	RT32051	SOFTWARE ENGINEERING	21	28	3
153C1A0506	RT32052	DATA WARE HOUSING AND MINING	13	8	0
153C1A0506	RT32055	WEB TECHNOLOGIES	15	14	0
153C1A0509	RT32053	COMPUTER NETWORKS	20	10	0
153C1A0510	RT32052	DATA WARE HOUSING AND MINING	25	28	3
153C1A0511	RT32052	DATA WARE HOUSING AND MINING	17	30	3
153C1A0511	RT32055	WEB TECHNOLOGIES	18	13	0
153C1A0511	RT32056	IPR AND PATENTS	18	30	2
153C1A0512	RT32051	SOFTWARE ENGINEERING	16	16	0
153C1A0512	RT32052	DATA WARE HOUSING AND MINING	22	0	0
153C1A0512	RT32053	COMPUTER NETWORKS	16	7	0
153C1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	6	0

Htno	Subcode	Subname	Internal	External	Credits
153C1A0512	RT32055	WEB TECHNOLOGIES	16	0	0
153C1A0512	RT32056	IPR AND PATENTS	15	15	0
153C1A0513	RT32055	WEB TECHNOLOGIES	24	34	3
153C1A0516	RT32051	SOFTWARE ENGINEERING	23	29	3
153C1A0517	RT32052	DATA WARE HOUSING AND MINING	15	13	0
153C1A0517	RT32053	COMPUTER NETWORKS	16	13	0
153C1A0517	RT32055	WEB TECHNOLOGIES	10	5	0
153C1A0518	RT32051	SOFTWARE ENGINEERING	22	30	3
153C1A0518	RT32053	COMPUTER NETWORKS	14	34	3
153C1A0518	RT32055	WEB TECHNOLOGIES	15	6	0
153C1A0525	RT32052	DATA WARE HOUSING AND MINING	22	30	3
153C1A0526	RT32053	COMPUTER NETWORKS	24	28	3
153C1A0528	RT32052	DATA WARE HOUSING AND MINING	21	8	0
153C1A0528	RT32055	WEB TECHNOLOGIES	19	0	0
153C1A0528	RT32056	IPR AND PATENTS	17	1	0
153C1A0529	RT32055	WEB TECHNOLOGIES	22	12	0
153C1A0532	RT32051	SOFTWARE ENGINEERING	16	10	0
153C1A0532	RT32052	DATA WARE HOUSING AND MINING	16	0	0
153C1A0532	RT32053	COMPUTER NETWORKS	20	0	0
153C1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	0	0
153C1A0532	RT32055	WEB TECHNOLOGIES	14	0	0
153C1A0532	RT32056	IPR AND PATENTS	16	12	0
153C1A0533	RT32052	DATA WARE HOUSING AND MINING	21	7	0
153C1A0533	RT32055	WEB TECHNOLOGIES	27	8	0
153C1A0534	RT32051	SOFTWARE ENGINEERING	22	7	0
153C1A0534	RT32052	DATA WARE HOUSING AND MINING	16	5	0
153C1A0534	RT32053	COMPUTER NETWORKS	22	16	0
153C1A0534	RT32055	WEB TECHNOLOGIES	22	5	0
153C1A0535	RT32055	WEB TECHNOLOGIES	21	6	0
153C1A0537	RT32055	WEB TECHNOLOGIES	20	11	0
153C1A0539	RT32055	WEB TECHNOLOGIES	16	0	0
153C5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	22	0
153C5A0206	RT32024	POWER SYSTEM ANALYSIS	20	22	0
153C5A0304	RT32031	OPERATIONS RESEARCH	19	12	0
153C5A0314	RT32031	OPERATIONS RESEARCH	10	36	3
153C5A0321	RT32035	HEAT TRANSFER	20	16	0
153C5A0333	RT32031	OPERATIONS RESEARCH	10	0	0
153C5A0333	RT32034	ROBOTICS	23	17	0
153C5A0338	RT32031	OPERATIONS RESEARCH	13	16	0
153C5A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	20	10	0
153C5A0404	RT32043	DIGITAL COMMUNICATIONS	23	35	3
153C5A0407	RT32043	DIGITAL COMMUNICATIONS	19	20	0
153C5A0409	RT32042	DIGITAL SIGNAL PROCESSING	7	9	0
153C5A0409	RT32043	DIGITAL COMMUNICATIONS	23	11	0
153C5A0411	RT32043	DIGITAL COMMUNICATIONS	25	16	0
153C5A0413	RT32043	DIGITAL COMMUNICATIONS	19	21	0
153C5A0418	RT32042	DIGITAL SIGNAL PROCESSING	11	21	0
153C5A0420	RT32043	DIGITAL COMMUNICATIONS	22	29	3
163C5A0111	RT32012	GEOTECHNICAL ENGINEERING II	20	19	0
163C5A0111	RT32014	WATER RESOURCES ENGINEERING I	25	24	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0112	RT32015	TRANSPORTATION ENGINEERING II	26	28	3
163C5A0112	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	27	3
163C5A0114	RT32014	WATER RESOURCES ENGINEERING I	23	24	3
163C5A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	26	3
163C5A0116	RT32015	TRANSPORTATION ENGINEERING II	24	30	3
163C5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	17	0
163C5A0201	RT32024	POWER SYSTEM ANALYSIS	22	17	0
163C5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	18	29	3
163C5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	37	3
163C5A0203	RT32025	MANAGEMENT SCIENCE	25	29	3
163C5A0204	RT32022	SWITCHGEAR AND PROTECTION	21	28	3
163C5A0204	RT32024	POWER SYSTEM ANALYSIS	25	28	3
163C5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	31	3
163C5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	15	0
163C5A0206	RT32024	POWER SYSTEM ANALYSIS	22	20	0
163C5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	15	0
163C5A0207	RT32024	POWER SYSTEM ANALYSIS	16	19	0
163C5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	19	29	3
163C5A0208	RT32022	SWITCHGEAR AND PROTECTION	20	20	0
163C5A0209	RT32024	POWER SYSTEM ANALYSIS	22	-1	0
163C5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	27	35	3
163C5A0210	RT32024	POWER SYSTEM ANALYSIS	23	-1	0
163C5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	28	3
163C5A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	25	3
163C5A0308	RT32034	ROBOTICS	17	20	0
163C5A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	17	11	0
163C5A0310	RT32031	OPERATIONS RESEARCH	14	29	3
163C5A0310	RT32035	HEAT TRANSFER	21	13	0
163C5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	35	3
163C5A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	14	20	0
163C5A0313	RT32031	OPERATIONS RESEARCH	18	38	3
163C5A0313	RT32035	HEAT TRANSFER	19	12	0
163C5A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	24	3
163C5A0314	RT32035	HEAT TRANSFER	22	20	0
163C5A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	22	17	0
163C5A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	17	18	0
163C5A0316	RT32034	ROBOTICS	21	35	3
163C5A0317	RT32031	OPERATIONS RESEARCH	23	30	3
163C5A0317	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	26	3
163C5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	26	3
163C5A0320	RT32034	ROBOTICS	13	32	3
163C5A0320	RT32035	HEAT TRANSFER	14	11	0
163C5A0323	RT32034	ROBOTICS	19	20	0
163C5A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
163C5A0326	RT32031	OPERATIONS RESEARCH	13	0	0
163C5A0326	RT32034	ROBOTICS	13	0	0
163C5A0326	RT32035	HEAT TRANSFER	22	0	0
163C5A0326	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	30	3
163C5A0326	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
163C5A0327	RT32031	OPERATIONS RESEARCH	16	40	3

Htno	Subcode	Subname	Internal	External	Credits
163C5A0327	RT32034	ROBOTICS	19	33	3
163C5A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	24	3
163C5A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	15	13	0
163C5A0328	RT32034	ROBOTICS	18	30	3
163C5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	36	3
163C5A0401	RT32042	DIGITAL SIGNAL PROCESSING	19	29	3
163C5A0401	RT32045A	BIO MEDICAL ENGINEERING	19	44	3
163C5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	7	0
163C5A0402	RT32042	DIGITAL SIGNAL PROCESSING	19	7	0
163C5A0402	RT32043	DIGITAL COMMUNICATIONS	22	12	0
163C5A0403	RT32043	DIGITAL COMMUNICATIONS	19	34	3
163C5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
163C5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
163C5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	0	0
163C5A0405	RT32042	DIGITAL SIGNAL PROCESSING	19	0	0
163C5A0405	RT32043	DIGITAL COMMUNICATIONS	18	0	0
163C5A0405	RT32044	MICROWAVE ENGINEERING	19	0	0
163C5A0405	RT32045A	BIO MEDICAL ENGINEERING	16	8	0
163C5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	18	28	2
163C5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	6	0
163C5A0406	RT32043	DIGITAL COMMUNICATIONS	18	0	0
163C5A0406	RT32045A	BIO MEDICAL ENGINEERING	14	7	0
163C5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	10	29	2
163C5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	14	0	0
163C5A0409	RT32042	DIGITAL SIGNAL PROCESSING	18	17	0
163C5A0409	RT32043	DIGITAL COMMUNICATIONS	20	11	0
163C5A0409	RT32044	MICROWAVE ENGINEERING	19	0	0
163C5A0409	RT32045A	BIO MEDICAL ENGINEERING	18	29	3
163C5A0412	RT32042	DIGITAL SIGNAL PROCESSING	21	29	3
163C5A0412	RT32043	DIGITAL COMMUNICATIONS	21	10	0
163C5A0412	RT32044	MICROWAVE ENGINEERING	21	17	0
163C5A0415	RT32043	DIGITAL COMMUNICATIONS	23	15	0
163C5A0417	RT32043	DIGITAL COMMUNICATIONS	25	30	3
163C5A0501	RT32051	SOFTWARE ENGINEERING	20	15	0
163C5A0501	RT32052	DATA WARE HOUSING AND MINING	17	5	0
163C5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	8	0
163C5A0501	RT32055	WEB TECHNOLOGIES	20	10	0
163C5A0501	RT32056	IPR AND PATENTS	16	36	2

**NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 04-02-2019]

**NOTE:2 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

** 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

