



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: VASIREDDY VENKATADRI INST. OF TECHNOLOGY, NUMBURU, GUNTUR:BQ

Htno	Subcode	Subname	Internal	External	Credits
10BQ1A0450	R32043	DIGITAL SIGNAL PROCESSING	18	-1	0
10BQ1A0450	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	0	-1	0
10BQ1A0450	R32048	ELECTRONIC COMPUTER AIDED DESIGN LAB	14	-1	0
10BQ1A05A6	R32054	UNIX PROGRAMMING	7	-1	0
10BQ1A05A6	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	-1	0
11BQ1A0247	R32024	MICROPROCESSORS AND MICROCONTROLLER	17	0	0
11BQ1A0247	R32025	POWER SEMICONDUCTOR DRIVES	16	0	0
11BQ1A0461	R32041	COMPUTER NETWORKS	17	14	0
11BQ1A0461	R32042	MICROWAVE ENGINEERING	14	0	0
11BQ1A0461	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	13	0	0
11BQ1A0461	R32045	VLSI DESIGN	16	0	0
11BQ1A1205	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	19	0	0
12BQ1A0230	R32025	POWER SEMICONDUCTOR DRIVES	10	9	0
12BQ1A0238	R32021	ELECTRICAL MACHINE DESIGN	14	15	0
12BQ1A0264	R32022	POWER SYSTEM ANALYSIS	15	-1	0
12BQ1A0287	R32021	ELECTRICAL MACHINE DESIGN	15	0	0
12BQ1A0287	R32022	POWER SYSTEM ANALYSIS	16	0	0
12BQ1A0391	R32033	HEAT TRANSFER	15	12	0
12BQ1A0423	R32042	MICROWAVE ENGINEERING	18	12	0
12BQ1A0423	R32045	VLSI DESIGN	12	-1	0
12BQ1A0528	R32026	MANAGEMENT SCIENCE	13	-1	0
12BQ1A0528	R32051	ADVANCED COMPUTER NETWORKS	14	-1	0
12BQ1A0528	R32052	COMPUTER ARCHITECTURE	15	-1	0
12BQ1A0528	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	13	-1	0
12BQ1A0528	R32054	UNIX PROGRAMMING	7	-1	0
12BQ1A0528	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	13	-1	0
12BQ1A05B6	R32054	UNIX PROGRAMMING	15	7	0
12BQ1A1242	R32125	OBJECT ORIENTED ANALYSIS AND DESIGN	10	-1	0
13BQ1A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	-1	0
13BQ1A0226	RT32022	SWITCHGEAR AND PROTECTION	16	-1	0
13BQ1A0226	RT32024	POWER SYSTEM ANALYSIS	16	-1	0
13BQ1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	16	0
13BQ1A0242	RT32022	SWITCHGEAR AND PROTECTION	16	29	3
13BQ1A0242	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	24	3
13BQ1A0242	RT32024	POWER SYSTEM ANALYSIS	16	10	0
13BQ1A0242	RT32026	POWER SEMICONDUCTOR DRIVES	16	-1	0
13BQ1A0258	RT32023	UTILIZATION OF ELECTRICAL ENERGY	16	24	3
13BQ1A0258	RT32024	POWER SYSTEM ANALYSIS	7	15	0
13BQ1A0266	RT32021	MICROPROCESSORS & MICROCONTROLLERS	11	20	0
13BQ1A0266	RT32024	POWER SYSTEM ANALYSIS	16	34	3
13BQ1A02A9	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	20	0
13BQ1A02A9	RT32024	POWER SYSTEM ANALYSIS	19	8	0
13BQ1A02A9	RT32026	POWER SEMICONDUCTOR DRIVES	16	20	0
13BQ1A02B5	RT32024	POWER SYSTEM ANALYSIS	17	11	0

Htno	Subcode	Subname	Internal	External	Credits
13BQ1A0318	RT32033	DESIGN OF MACHINE MEMBERS II	20	8	0
13BQ1A0318	RT32035	HEAT TRANSFER	16	0	0
13BQ1A0318	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	17	0
13BQ1A0318	RT32037A	REFRIGERATION & AIR CONDITIONING	23	30	3
13BQ1A0355	RT32035	HEAT TRANSFER	17	-1	0
13BQ1A0355	RT32037A	REFRIGERATION & AIR CONDITIONING	20	-1	0
13BQ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	18	0
13BQ1A0357	RT32033	DESIGN OF MACHINE MEMBERS II	20	29	3
13BQ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	21	0	0
13BQ1A0360	RT32035	HEAT TRANSFER	17	11	0
13BQ1A0360	RT32037A	REFRIGERATION & AIR CONDITIONING	21	30	3
13BQ1A0461	RT32044	MICROWAVE ENGINEERING	17	-1	0
13BQ1A0461	RT32045A	BIO MEDICAL ENGINEERING	19	19	0
13BQ1A0473	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	-1	0
13BQ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	16	-1	0
13BQ1A0473	RT32044	MICROWAVE ENGINEERING	20	-1	0
13BQ1A0473	RT32045A	BIO MEDICAL ENGINEERING	17	-1	0
13BQ1A04A2	RT32042	DIGITAL SIGNAL PROCESSING	21	13	0
13BQ1A04E6	RT32042	DIGITAL SIGNAL PROCESSING	22	19	0
13BQ1A0563	RT32052	DATA WARE HOUSING AND MINING	21	22	0
13BQ1A05B6	RT32052	DATA WARE HOUSING AND MINING	17	-1	0
13BQ1A05B6	RT32055	WEB TECHNOLOGIES	15	-1	0
13BQ1A05C5	RT32055	WEB TECHNOLOGIES	15	32	3
13BQ1A1219	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	29	3
13BQ5A0218	R32022	POWER SYSTEM ANALYSIS	14	32	4
13BQ5A0218	R32025	POWER SEMICONDUCTOR DRIVES	14	9	0
14BQ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
14BQ1A0146	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
14BQ1A0159	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
14BQ1A0171	RT32016E	FINITE ELEMENT METHOD	5	-1	0
14BQ1A0186	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	14	0
14BQ1A0230	RT32026	POWER SEMICONDUCTOR DRIVES	18	13	0
14BQ1A0234	RT32022	SWITCHGEAR AND PROTECTION	18	31	3
14BQ1A0234	RT32024	POWER SYSTEM ANALYSIS	17	11	0
14BQ1A0234	RT32026	POWER SEMICONDUCTOR DRIVES	20	15	0
14BQ1A0236	RT32024	POWER SYSTEM ANALYSIS	11	14	0
14BQ1A0238	RT32024	POWER SYSTEM ANALYSIS	11	22	0
14BQ1A0260	RT32024	POWER SYSTEM ANALYSIS	18	18	0
14BQ1A0285	RT32025	MANAGEMENT SCIENCE	5	29	0
14BQ1A0285	RT32026	POWER SEMICONDUCTOR DRIVES	5	19	0
14BQ1A0295	RT32026	POWER SEMICONDUCTOR DRIVES	21	22	0
14BQ1A02A0	RT32024	POWER SYSTEM ANALYSIS	20	22	0
14BQ1A02B2	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	18	0
14BQ1A0314	RT32034	ROBOTICS	18	28	3
14BQ1A0315	RT32034	ROBOTICS	6	38	3
14BQ1A0315	RT32035	HEAT TRANSFER	5	7	0
14BQ1A0317	RT32033	DESIGN OF MACHINE MEMBERS II	15	37	3
14BQ1A0317	RT32034	ROBOTICS	16	39	3
14BQ1A0317	RT32035	HEAT TRANSFER	17	7	0
14BQ1A0317	RT32037A	REFRIGERATION & AIR CONDITIONING	17	7	0

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A0323	RT32035	HEAT TRANSFER	16	13	0
14BQ1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	16	0
14BQ1A0324	RT32031	OPERATIONS RESEARCH	18	10	0
14BQ1A0324	RT32035	HEAT TRANSFER	16	-1	0
14BQ1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
14BQ1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	34	3
14BQ1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	17	28	3
14BQ1A0343	RT32031	OPERATIONS RESEARCH	26	28	3
14BQ1A0345	RT32031	OPERATIONS RESEARCH	21	32	3
14BQ1A0345	RT32033	DESIGN OF MACHINE MEMBERS II	17	32	3
14BQ1A0345	RT32035	HEAT TRANSFER	16	15	0
14BQ1A0345	RT32037A	REFRIGERATION & AIR CONDITIONING	8	32	3
14BQ1A0347	RT32031	OPERATIONS RESEARCH	25	-1	0
14BQ1A0347	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	25	3
14BQ1A0347	RT32033	DESIGN OF MACHINE MEMBERS II	18	13	0
14BQ1A0347	RT32034	ROBOTICS	22	22	0
14BQ1A0350	RT32037A	REFRIGERATION & AIR CONDITIONING	18	33	3
14BQ1A0358	RT32031	OPERATIONS RESEARCH	18	0	0
14BQ1A0358	RT32032	INTERACTIVE COMPUTER GRAPHICS	8	-1	0
14BQ1A0358	RT32034	ROBOTICS	12	-1	0
14BQ1A0358	RT32035	HEAT TRANSFER	16	0	0
14BQ1A0388	RT32037A	REFRIGERATION & AIR CONDITIONING	16	15	0
14BQ1A0392	RT32035	HEAT TRANSFER	16	11	0
14BQ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	16	8	0
14BQ1A03B1	RT32031	OPERATIONS RESEARCH	16	12	0
14BQ1A03B1	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	-1	0
14BQ1A03B1	RT32035	HEAT TRANSFER	18	7	0
14BQ1A03B3	RT32035	HEAT TRANSFER	16	-1	0
14BQ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	24	3
14BQ1A0463	RT32044	MICROWAVE ENGINEERING	11	30	3
14BQ1A0479	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	0	0
14BQ1A0479	RT32042	DIGITAL SIGNAL PROCESSING	16	24	3
14BQ1A0479	RT32043	DIGITAL COMMUNICATIONS	16	20	0
14BQ1A0479	RT32044	MICROWAVE ENGINEERING	13	0	0
14BQ1A0479	RT32045A	BIO MEDICAL ENGINEERING	13	0	0
14BQ1A0484	RT32042	DIGITAL SIGNAL PROCESSING	17	29	3
14BQ1A0484	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
14BQ1A0495	RT32042	DIGITAL SIGNAL PROCESSING	17	41	3
14BQ1A0495	RT32044	MICROWAVE ENGINEERING	24	32	3
14BQ1A0495	RT32045A	BIO MEDICAL ENGINEERING	17	8	0
14BQ1A0496	RT32042	DIGITAL SIGNAL PROCESSING	16	35	3
14BQ1A0496	RT32045A	BIO MEDICAL ENGINEERING	20	24	3
14BQ1A0497	RT32042	DIGITAL SIGNAL PROCESSING	16	37	3
14BQ1A04A0	RT32042	DIGITAL SIGNAL PROCESSING	16	35	3
14BQ1A04A0	RT32044	MICROWAVE ENGINEERING	14	15	0
14BQ1A04A0	RT32045A	BIO MEDICAL ENGINEERING	13	29	3
14BQ1A04B7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
14BQ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	17	15	0
14BQ1A04D2	RT32043	DIGITAL COMMUNICATIONS	24	20	0
14BQ1A04D2	RT32044	MICROWAVE ENGINEERING	18	19	0

Htno	Subcode	Subname	Internal	External	Credits
14BQ1A04D2	RT32045A	BIO MEDICAL ENGINEERING	19	18	0
14BQ1A04E1	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	14	0
14BQ1A04E1	RT32042	DIGITAL SIGNAL PROCESSING	16	0	0
14BQ1A04G7	RT32042	DIGITAL SIGNAL PROCESSING	22	22	0
14BQ1A04G8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	5	0	0
14BQ1A04G8	RT32042	DIGITAL SIGNAL PROCESSING	9	8	0
14BQ1A04G8	RT32043	DIGITAL COMMUNICATIONS	9	-1	0
14BQ1A04H3	RT32042	DIGITAL SIGNAL PROCESSING	24	21	0
14BQ1A0503	RT32052	DATA WARE HOUSING AND MINING	16	11	0
14BQ1A0514	RT32051	SOFTWARE ENGINEERING	18	14	0
14BQ1A0514	RT32052	DATA WARE HOUSING AND MINING	16	20	0
14BQ1A0556	RT32051	SOFTWARE ENGINEERING	17	11	0
14BQ1A0556	RT32055	WEB TECHNOLOGIES	16	-1	0
14BQ1A0563	RT32055	WEB TECHNOLOGIES	23	-1	0
14BQ1A0577	RT32053	COMPUTER NETWORKS	16	5	0
14BQ1A0577	RT32055	WEB TECHNOLOGIES	17	15	0
14BQ1A0577	RT32056	IPR AND PATENTS	16	27	2
14BQ1A0579	RT32052	DATA WARE HOUSING AND MINING	21	23	0
14BQ1A0579	RT32055	WEB TECHNOLOGIES	22	14	0
14BQ1A0589	RT32051	SOFTWARE ENGINEERING	22	18	0
14BQ1A05A0	RT32051	SOFTWARE ENGINEERING	21	16	0
14BQ1A05A0	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	8	0	0
14BQ1A05A0	RT32055	WEB TECHNOLOGIES	16	15	0
14BQ1A05A9	RT32052	DATA WARE HOUSING AND MINING	18	28	3
14BQ1A05B7	RT32055	WEB TECHNOLOGIES	18	0	0
14BQ1A05B9	RT32055	WEB TECHNOLOGIES	18	-1	0
14BQ1A05D0	RT32055	WEB TECHNOLOGIES	19	28	3
14BQ1A05D2	RT32051	SOFTWARE ENGINEERING	25	29	3
14BQ1A05F8	RT32053	COMPUTER NETWORKS	16	28	3
14BQ1A05F8	RT32055	WEB TECHNOLOGIES	22	16	0
14BQ1A05G2	RT32055	WEB TECHNOLOGIES	25	28	3
14BQ1A05M7	RT32052	DATA WARE HOUSING AND MINING	17	11	0
14BQ1A05M7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	7	0
14BQ1A05M7	RT32055	WEB TECHNOLOGIES	19	11	0
14BQ1A05M8	RT32055	WEB TECHNOLOGIES	16	22	0
14BQ1A05N1	RT32051	SOFTWARE ENGINEERING	16	15	0
14BQ1A05N6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	17	0
14BQ1A05N6	RT32055	WEB TECHNOLOGIES	19	29	3
14BQ1A1202	RT32052	DATA WARE HOUSING AND MINING	23	0	0
14BQ1A1229	RT32053	COMPUTER NETWORKS	21	14	0
14BQ1A1241	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	0	0
14BQ1A1249	RT32055	WEB TECHNOLOGIES	17	5	0
14BQ1A1260	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	6	0
14BQ1A1260	RT32055	WEB TECHNOLOGIES	18	0	0
14BQ5A0211	RT32025	MANAGEMENT SCIENCE	4	5	0
15BQ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	13	0
15BQ1A0104	RT32014	WATER RESOURCES ENGINEERING I	17	24	3
15BQ1A0104	RT32015	TRANSPORTATION ENGINEERING II	16	28	3
15BQ1A0117	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	28	3
15BQ1A0117	RT32014	WATER RESOURCES ENGINEERING I	15	3	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0130	RT32012	GEOTECHNICAL ENGINEERING II	23	26	3
15BQ1A0131	RT32014	WATER RESOURCES ENGINEERING I	17	24	3
15BQ1A0131	RT32015	TRANSPORTATION ENGINEERING II	17	24	3
15BQ1A0139	RT32012	GEOTECHNICAL ENGINEERING II	24	32	3
15BQ1A0144	RT32014	WATER RESOURCES ENGINEERING I	16	24	3
15BQ1A0145	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
15BQ1A0145	RT32014	WATER RESOURCES ENGINEERING I	18	11	0
15BQ1A0145	RT32015	TRANSPORTATION ENGINEERING II	18	27	3
15BQ1A0145	RT32016E	FINITE ELEMENT METHOD	15	28	3
15BQ1A0146	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
15BQ1A0148	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	28	3
15BQ1A0148	RT32014	WATER RESOURCES ENGINEERING I	18	1	0
15BQ1A0151	RT32016E	FINITE ELEMENT METHOD	17	6	0
15BQ1A0152	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
15BQ1A0163	RT32016E	FINITE ELEMENT METHOD	20	36	3
15BQ1A0164	RT32016E	FINITE ELEMENT METHOD	23	32	3
15BQ1A0166	RT32014	WATER RESOURCES ENGINEERING I	17	25	3
15BQ1A0166	RT32016E	FINITE ELEMENT METHOD	16	28	3
15BQ1A0173	RT32016E	FINITE ELEMENT METHOD	20	40	3
15BQ1A0176	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	19	0
15BQ1A0176	RT32016E	FINITE ELEMENT METHOD	16	0	0
15BQ1A0179	RT32016E	FINITE ELEMENT METHOD	16	36	3
15BQ1A0181	RT32016E	FINITE ELEMENT METHOD	17	8	0
15BQ1A0184	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	19	0
15BQ1A0184	RT32014	WATER RESOURCES ENGINEERING I	18	7	0
15BQ1A0188	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	33	3
15BQ1A0188	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15BQ1A0188	RT32015	TRANSPORTATION ENGINEERING II	18	39	3
15BQ1A0195	RT32012	GEOTECHNICAL ENGINEERING II	17	20	0
15BQ1A0195	RT32014	WATER RESOURCES ENGINEERING I	19	3	0
15BQ1A0195	RT32016E	FINITE ELEMENT METHOD	16	-1	0
15BQ1A01A2	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
15BQ1A01A8	RT32012	GEOTECHNICAL ENGINEERING II	20	19	0
15BQ1A01A8	RT32014	WATER RESOURCES ENGINEERING I	19	24	3
15BQ1A01B0	RT32012	GEOTECHNICAL ENGINEERING II	17	21	0
15BQ1A01B0	RT32014	WATER RESOURCES ENGINEERING I	16	0	0
15BQ1A01B0	RT32016E	FINITE ELEMENT METHOD	16	0	0
15BQ1A01B1	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	19	0
15BQ1A01B1	RT32014	WATER RESOURCES ENGINEERING I	20	24	3
15BQ1A01B1	RT32015	TRANSPORTATION ENGINEERING II	17	31	3
15BQ1A01B2	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
15BQ1A01B2	RT32016E	FINITE ELEMENT METHOD	16	10	0
15BQ1A0201	RT32024	POWER SYSTEM ANALYSIS	19	17	0
15BQ1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	22	29	3
15BQ1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	25	3
15BQ1A0204	RT32024	POWER SYSTEM ANALYSIS	18	22	0
15BQ1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	19	21	0
15BQ1A0206	RT32022	SWITCHGEAR AND PROTECTION	16	-1	0
15BQ1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	29	3
15BQ1A0208	RT32024	POWER SYSTEM ANALYSIS	16	32	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	-1	0
15BQ1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	16	25	3
15BQ1A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	23	0
15BQ1A0218	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	21	0
15BQ1A0218	RT32024	POWER SYSTEM ANALYSIS	18	10	0
15BQ1A0218	RT32026	POWER SEMICONDUCTOR DRIVES	19	18	0
15BQ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	14	0
15BQ1A0221	RT32022	SWITCHGEAR AND PROTECTION	16	16	0
15BQ1A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	14	0
15BQ1A0223	RT32022	SWITCHGEAR AND PROTECTION	16	-1	0
15BQ1A0225	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	20	0
15BQ1A0225	RT32024	POWER SYSTEM ANALYSIS	19	21	0
15BQ1A0227	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	31	3
15BQ1A0227	RT32022	SWITCHGEAR AND PROTECTION	5	28	0
15BQ1A0227	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	29	3
15BQ1A0227	RT32024	POWER SYSTEM ANALYSIS	19	24	3
15BQ1A0227	RT32026	POWER SEMICONDUCTOR DRIVES	2	18	0
15BQ1A0227	RT32027	POWER ELECTRONICS LAB	19	37	2
15BQ1A0227	RT32028	ELECTRICAL MEASUREMENTS LAB	18	38	2
15BQ1A0231	RT32024	POWER SYSTEM ANALYSIS	20	28	3
15BQ1A0232	RT32022	SWITCHGEAR AND PROTECTION	18	16	0
15BQ1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	30	3
15BQ1A0233	RT32022	SWITCHGEAR AND PROTECTION	18	19	0
15BQ1A0233	RT32024	POWER SYSTEM ANALYSIS	16	6	0
15BQ1A0239	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	28	3
15BQ1A0239	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	26	3
15BQ1A0241	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	24	3
15BQ1A0241	RT32022	SWITCHGEAR AND PROTECTION	16	16	0
15BQ1A0241	RT32024	POWER SYSTEM ANALYSIS	18	28	3
15BQ1A0242	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	15	0
15BQ1A0243	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	28	3
15BQ1A0246	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	25	3
15BQ1A0246	RT32024	POWER SYSTEM ANALYSIS	20	19	0
15BQ1A0249	RT32024	POWER SYSTEM ANALYSIS	17	28	3
15BQ1A0252	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	34	3
15BQ1A0253	RT32024	POWER SYSTEM ANALYSIS	18	5	0
15BQ1A0254	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	28	3
15BQ1A0254	RT32022	SWITCHGEAR AND PROTECTION	21	30	3
15BQ1A0255	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	32	3
15BQ1A0255	RT32026	POWER SEMICONDUCTOR DRIVES	17	24	3
15BQ1A0261	RT32022	SWITCHGEAR AND PROTECTION	16	29	3
15BQ1A0261	RT32024	POWER SYSTEM ANALYSIS	19	24	3
15BQ1A0262	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	28	3
15BQ1A0262	RT32024	POWER SYSTEM ANALYSIS	16	36	3
15BQ1A0264	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	24	3
15BQ1A0264	RT32024	POWER SYSTEM ANALYSIS	21	47	3
15BQ1A0264	RT32026	POWER SEMICONDUCTOR DRIVES	16	18	0
15BQ1A0266	RT32022	SWITCHGEAR AND PROTECTION	21	34	3
15BQ1A0267	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	30	3
15BQ1A0270	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0270	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	24	3
15BQ1A0274	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	17	0
15BQ1A0274	RT32026	POWER SEMICONDUCTOR DRIVES	16	18	0
15BQ1A0276	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	29	3
15BQ1A0282	RT32022	SWITCHGEAR AND PROTECTION	19	34	3
15BQ1A0282	RT32024	POWER SYSTEM ANALYSIS	19	59	3
15BQ1A0282	RT32026	POWER SEMICONDUCTOR DRIVES	19	27	3
15BQ1A0283	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	28	3
15BQ1A0283	RT32022	SWITCHGEAR AND PROTECTION	16	10	0
15BQ1A0283	RT32024	POWER SYSTEM ANALYSIS	17	58	3
15BQ1A0283	RT32026	POWER SEMICONDUCTOR DRIVES	17	16	0
15BQ1A0284	RT32022	SWITCHGEAR AND PROTECTION	16	28	3
15BQ1A0284	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	20	0
15BQ1A0285	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	32	3
15BQ1A0286	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	22	0
15BQ1A0286	RT32024	POWER SYSTEM ANALYSIS	16	20	0
15BQ1A0292	RT32022	SWITCHGEAR AND PROTECTION	17	32	3
15BQ1A0292	RT32024	POWER SYSTEM ANALYSIS	16	50	3
15BQ1A0295	RT32022	SWITCHGEAR AND PROTECTION	18	31	3
15BQ1A0295	RT32024	POWER SYSTEM ANALYSIS	17	28	3
15BQ1A0295	RT32026	POWER SEMICONDUCTOR DRIVES	16	24	3
15BQ1A0297	RT32024	POWER SYSTEM ANALYSIS	21	61	3
15BQ1A0298	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	18	0
15BQ1A0298	RT32024	POWER SYSTEM ANALYSIS	16	35	3
15BQ1A02A0	RT32022	SWITCHGEAR AND PROTECTION	20	28	3
15BQ1A02A0	RT32024	POWER SYSTEM ANALYSIS	19	16	0
15BQ1A02A0	RT32026	POWER SEMICONDUCTOR DRIVES	22	29	3
15BQ1A02A1	RT32024	POWER SYSTEM ANALYSIS	22	62	3
15BQ1A02A2	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	22	0
15BQ1A02A2	RT32024	POWER SYSTEM ANALYSIS	16	6	0
15BQ1A02A3	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	25	3
15BQ1A02A8	RT32024	POWER SYSTEM ANALYSIS	21	42	3
15BQ1A02B0	RT32024	POWER SYSTEM ANALYSIS	19	58	3
15BQ1A02B0	RT32026	POWER SEMICONDUCTOR DRIVES	16	29	3
15BQ1A02B1	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	28	3
15BQ1A02B1	RT32026	POWER SEMICONDUCTOR DRIVES	19	18	0
15BQ1A02B3	RT32024	POWER SYSTEM ANALYSIS	16	48	3
15BQ1A02B4	RT32024	POWER SYSTEM ANALYSIS	21	40	3
15BQ1A02B6	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	33	3
15BQ1A02B6	RT32026	POWER SEMICONDUCTOR DRIVES	18	26	3
15BQ1A0302	RT32031	OPERATIONS RESEARCH	21	17	0
15BQ1A0302	RT32034	ROBOTICS	21	35	3
15BQ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	17	0
15BQ1A0306	RT32031	OPERATIONS RESEARCH	16	31	3
15BQ1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	17	0
15BQ1A0306	RT32034	ROBOTICS	10	31	3
15BQ1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	15	11	0
15BQ1A0307	RT32035	HEAT TRANSFER	17	32	3
15BQ1A0311	RT32035	HEAT TRANSFER	16	13	0
15BQ1A0320	RT32031	OPERATIONS RESEARCH	19	29	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	8	0	0
15BQ1A0323	RT32031	OPERATIONS RESEARCH	16	8	0
15BQ1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	16	33	3
15BQ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	16	28	3
15BQ1A0327	RT32035	HEAT TRANSFER	18	32	3
15BQ1A0329	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	25	3
15BQ1A0329	RT32037A	REFRIGERATION & AIR CONDITIONING	22	29	3
15BQ1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	14	0
15BQ1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	14	0
15BQ1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	10	0
15BQ1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	11	0
15BQ1A0339	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	25	3
15BQ1A0339	RT32035	HEAT TRANSFER	17	18	0
15BQ1A0342	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	30	3
15BQ1A0345	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	14	19	0
15BQ1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	21	43	3
15BQ1A0349	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	33	3
15BQ1A0350	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	12	0
15BQ1A0353	RT32033	DESIGN OF MACHINE MEMBERS II	19	34	3
15BQ1A0353	RT32035	HEAT TRANSFER	16	30	3
15BQ1A0353	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	25	3
15BQ1A0353	RT32037A	REFRIGERATION & AIR CONDITIONING	16	29	3
15BQ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	26	3
15BQ1A0357	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	18	0
15BQ1A0357	RT32037A	REFRIGERATION & AIR CONDITIONING	16	32	3
15BQ1A0359	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	27	3
15BQ1A0359	RT32035	HEAT TRANSFER	16	16	0
15BQ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	17	0
15BQ1A0362	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	10	0
15BQ1A0364	RT32031	OPERATIONS RESEARCH	20	29	3
15BQ1A0367	RT32031	OPERATIONS RESEARCH	17	11	0
15BQ1A0367	RT32034	ROBOTICS	16	28	3
15BQ1A0367	RT32035	HEAT TRANSFER	16	-1	0
15BQ1A0369	RT32035	HEAT TRANSFER	19	30	3
15BQ1A0370	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	30	3
15BQ1A0372	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
15BQ1A0372	RT32034	ROBOTICS	19	28	3
15BQ1A0372	RT32035	HEAT TRANSFER	16	13	0
15BQ1A0376	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	25	3
15BQ1A0376	RT32035	HEAT TRANSFER	17	20	0
15BQ1A0378	RT32031	OPERATIONS RESEARCH	17	32	3
15BQ1A0378	RT32033	DESIGN OF MACHINE MEMBERS II	16	28	3
15BQ1A0378	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	-1	0
15BQ1A0380	RT32031	OPERATIONS RESEARCH	16	33	3
15BQ1A0380	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
15BQ1A0380	RT32034	ROBOTICS	16	43	3
15BQ1A0380	RT32035	HEAT TRANSFER	10	33	3
15BQ1A0380	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	26	3
15BQ1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	32	3
15BQ1A0381	RT32035	HEAT TRANSFER	23	18	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0381	RT32037A	REFRIGERATION & AIR CONDITIONING	22	13	0
15BQ1A0387	RT32035	HEAT TRANSFER	23	29	3
15BQ1A0390	RT32031	OPERATIONS RESEARCH	16	-1	0
15BQ1A0390	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	-1	0
15BQ1A0390	RT32033	DESIGN OF MACHINE MEMBERS II	16	0	0
15BQ1A0390	RT32034	ROBOTICS	16	6	0
15BQ1A0390	RT32035	HEAT TRANSFER	16	0	0
15BQ1A0390	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	3	17	0
15BQ1A0390	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
15BQ1A0390	RT32038	HEAT TRANSFER LAB	16	36	2
15BQ1A0392	RT32035	HEAT TRANSFER	18	0	0
15BQ1A0392	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	16	0
15BQ1A0392	RT32037A	REFRIGERATION & AIR CONDITIONING	16	11	0
15BQ1A0396	RT32031	OPERATIONS RESEARCH	22	30	3
15BQ1A0396	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	18	0
15BQ1A0396	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	26	3
15BQ1A0396	RT32037A	REFRIGERATION & AIR CONDITIONING	18	41	3
15BQ1A0397	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	13	0
15BQ1A0397	RT32037A	REFRIGERATION & AIR CONDITIONING	16	30	3
15BQ1A03A4	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	31	3
15BQ1A03A7	RT32035	HEAT TRANSFER	17	9	0
15BQ1A03A7	RT32037A	REFRIGERATION & AIR CONDITIONING	17	28	3
15BQ1A03A8	RT32031	OPERATIONS RESEARCH	16	11	0
15BQ1A03A8	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	27	3
15BQ1A03A8	RT32033	DESIGN OF MACHINE MEMBERS II	16	28	3
15BQ1A03A8	RT32035	HEAT TRANSFER	17	-1	0
15BQ1A03A8	RT32037A	REFRIGERATION & AIR CONDITIONING	16	0	0
15BQ1A03B1	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	25	3
15BQ1A03B2	RT32035	HEAT TRANSFER	16	32	3
15BQ1A03B3	RT32031	OPERATIONS RESEARCH	24	29	3
15BQ1A03B3	RT32037A	REFRIGERATION & AIR CONDITIONING	15	37	3
15BQ1A0404	RT32042	DIGITAL SIGNAL PROCESSING	20	29	3
15BQ1A0404	RT32044	MICROWAVE ENGINEERING	18	30	3
15BQ1A0406	RT32042	DIGITAL SIGNAL PROCESSING	18	7	0
15BQ1A0406	RT32043	DIGITAL COMMUNICATIONS	16	0	0
15BQ1A0411	RT32044	MICROWAVE ENGINEERING	18	13	0
15BQ1A0412	RT32044	MICROWAVE ENGINEERING	20	28	3
15BQ1A0412	RT32045A	BIO MEDICAL ENGINEERING	17	14	0
15BQ1A0413	RT32044	MICROWAVE ENGINEERING	18	9	0
15BQ1A0417	RT32044	MICROWAVE ENGINEERING	18	29	3
15BQ1A0417	RT32045A	BIO MEDICAL ENGINEERING	18	29	3
15BQ1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	0	0
15BQ1A0419	RT32042	DIGITAL SIGNAL PROCESSING	16	10	0
15BQ1A0419	RT32043	DIGITAL COMMUNICATIONS	16	0	0
15BQ1A0419	RT32044	MICROWAVE ENGINEERING	16	7	0
15BQ1A0419	RT32045A	BIO MEDICAL ENGINEERING	16	5	0
15BQ1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	12	-1	0
15BQ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	38	3
15BQ1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	35	3
15BQ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	19	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A0432	RT32042	DIGITAL SIGNAL PROCESSING	18	9	0
15BQ1A0432	RT32043	DIGITAL COMMUNICATIONS	17	0	0
15BQ1A0432	RT32044	MICROWAVE ENGINEERING	18	0	0
15BQ1A0432	RT32045A	BIO MEDICAL ENGINEERING	16	5	0
15BQ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	9	9	0
15BQ1A0434	RT32043	DIGITAL COMMUNICATIONS	10	6	0
15BQ1A0434	RT32044	MICROWAVE ENGINEERING	19	18	0
15BQ1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	-1	0
15BQ1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	12	-1	0
15BQ1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	18	-1	0
15BQ1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	0	0
15BQ1A0438	RT32044	MICROWAVE ENGINEERING	21	36	3
15BQ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	27	43	3
15BQ1A0441	RT32045A	BIO MEDICAL ENGINEERING	23	33	3
15BQ1A0444	RT32044	MICROWAVE ENGINEERING	17	19	0
15BQ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	35	3
15BQ1A0449	RT32042	DIGITAL SIGNAL PROCESSING	17	13	0
15BQ1A0449	RT32043	DIGITAL COMMUNICATIONS	16	12	0
15BQ1A0449	RT32044	MICROWAVE ENGINEERING	20	33	3
15BQ1A0449	RT32045A	BIO MEDICAL ENGINEERING	16	15	0
15BQ1A0463	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	11	13	0
15BQ1A0463	RT32042	DIGITAL SIGNAL PROCESSING	18	21	0
15BQ1A0465	RT32044	MICROWAVE ENGINEERING	18	31	3
15BQ1A0467	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3
15BQ1A0467	RT32045A	BIO MEDICAL ENGINEERING	17	28	3
15BQ1A0470	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	12	0
15BQ1A0470	RT32042	DIGITAL SIGNAL PROCESSING	16	9	0
15BQ1A0470	RT32043	DIGITAL COMMUNICATIONS	19	8	0
15BQ1A0470	RT32044	MICROWAVE ENGINEERING	17	5	0
15BQ1A0470	RT32045A	BIO MEDICAL ENGINEERING	16	0	0
15BQ1A0473	RT32042	DIGITAL SIGNAL PROCESSING	22	36	3
15BQ1A0482	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	21	0
15BQ1A0483	RT32042	DIGITAL SIGNAL PROCESSING	19	33	3
15BQ1A0485	RT32042	DIGITAL SIGNAL PROCESSING	18	18	0
15BQ1A0485	RT32045A	BIO MEDICAL ENGINEERING	18	30	3
15BQ1A0492	RT32043	DIGITAL COMMUNICATIONS	21	28	3
15BQ1A04A1	RT32044	MICROWAVE ENGINEERING	26	35	3
15BQ1A04A3	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	28	3
15BQ1A04A4	RT32042	DIGITAL SIGNAL PROCESSING	22	37	3
15BQ1A04C1	RT32043	DIGITAL COMMUNICATIONS	18	30	3
15BQ1A04C1	RT32044	MICROWAVE ENGINEERING	16	17	0
15BQ1A04C2	RT32042	DIGITAL SIGNAL PROCESSING	16	21	0
15BQ1A04C3	RT32042	DIGITAL SIGNAL PROCESSING	20	31	3
15BQ1A04D2	RT32042	DIGITAL SIGNAL PROCESSING	11	10	0
15BQ1A04D2	RT32043	DIGITAL COMMUNICATIONS	13	12	0
15BQ1A04D3	RT32042	DIGITAL SIGNAL PROCESSING	17	41	3
15BQ1A04D7	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	37	3
15BQ1A04F5	RT32042	DIGITAL SIGNAL PROCESSING	18	33	3
15BQ1A04F7	RT32042	DIGITAL SIGNAL PROCESSING	18	18	0
15BQ1A04F7	RT32044	MICROWAVE ENGINEERING	21	37	3

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A04F8	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	16	0
15BQ1A04F8	RT32042	DIGITAL SIGNAL PROCESSING	12	11	0
15BQ1A04F8	RT32043	DIGITAL COMMUNICATIONS	9	12	0
15BQ1A04F8	RT32044	MICROWAVE ENGINEERING	5	15	0
15BQ1A04F8	RT32045A	BIO MEDICAL ENGINEERING	2	7	0
15BQ1A04F8	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	0	31	2
15BQ1A04F8	RT32047	DIGITAL COMMUNICATIONS LAB	0	30	2
15BQ1A04F8	RT32048	DIGITAL SIGNAL PROCESSING LAB	0	29	0
15BQ1A04G4	RT32044	MICROWAVE ENGINEERING	24	14	0
15BQ1A04G6	RT32042	DIGITAL SIGNAL PROCESSING	25	47	3
15BQ1A04G9	RT32044	MICROWAVE ENGINEERING	23	40	3
15BQ1A04H6	RT32042	DIGITAL SIGNAL PROCESSING	16	29	3
15BQ1A04H6	RT32043	DIGITAL COMMUNICATIONS	14	13	0
15BQ1A04H6	RT32044	MICROWAVE ENGINEERING	16	28	3
15BQ1A04H6	RT32045A	BIO MEDICAL ENGINEERING	16	9	0
15BQ1A0501	RT32052	DATA WARE HOUSING AND MINING	20	14	0
15BQ1A0510	RT32052	DATA WARE HOUSING AND MINING	17	17	0
15BQ1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	30	3
15BQ1A0510	RT32055	WEB TECHNOLOGIES	16	17	0
15BQ1A0510	RT32056	IPR AND PATENTS	19	32	2
15BQ1A0511	RT32055	WEB TECHNOLOGIES	22	12	0
15BQ1A0514	RT32052	DATA WARE HOUSING AND MINING	24	36	3
15BQ1A0515	RT32055	WEB TECHNOLOGIES	25	28	3
15BQ1A0523	RT32055	WEB TECHNOLOGIES	16	14	0
15BQ1A0531	RT32055	WEB TECHNOLOGIES	21	10	0
15BQ1A0536	RT32055	WEB TECHNOLOGIES	28	33	3
15BQ1A0544	RT32052	DATA WARE HOUSING AND MINING	23	5	0
15BQ1A0544	RT32055	WEB TECHNOLOGIES	17	12	0
15BQ1A0544	RT32056	IPR AND PATENTS	20	25	2
15BQ1A0548	RT32052	DATA WARE HOUSING AND MINING	16	21	0
15BQ1A0549	RT32055	WEB TECHNOLOGIES	21	16	0
15BQ1A0561	RT32052	DATA WARE HOUSING AND MINING	18	0	0
15BQ1A0561	RT32055	WEB TECHNOLOGIES	17	19	0
15BQ1A0565	RT32052	DATA WARE HOUSING AND MINING	16	10	0
15BQ1A0565	RT32055	WEB TECHNOLOGIES	17	15	0
15BQ1A0569	RT32052	DATA WARE HOUSING AND MINING	22	15	0
15BQ1A0572	RT32055	WEB TECHNOLOGIES	26	28	3
15BQ1A0577	RT32053	COMPUTER NETWORKS	21	18	0
15BQ1A0577	RT32055	WEB TECHNOLOGIES	18	17	0
15BQ1A0577	RT32058	SOFTWARE ENGINEERING LAB	12	35	2
15BQ1A0581	RT32055	WEB TECHNOLOGIES	18	11	0
15BQ1A0581	RT32056	IPR AND PATENTS	22	28	2
15BQ1A0587	RT32055	WEB TECHNOLOGIES	25	28	3
15BQ1A0590	RT32055	WEB TECHNOLOGIES	18	36	3
15BQ1A0591	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	17	0
15BQ1A0591	RT32055	WEB TECHNOLOGIES	16	33	3
15BQ1A05A3	RT32052	DATA WARE HOUSING AND MINING	26	32	3
15BQ1A05A8	RT32052	DATA WARE HOUSING AND MINING	15	39	3
15BQ1A05B3	RT32052	DATA WARE HOUSING AND MINING	17	0	0
15BQ1A05B3	RT32053	COMPUTER NETWORKS	18	13	0

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A05B6	RT32055	WEB TECHNOLOGIES	16	20	0
15BQ1A05B8	RT32053	COMPUTER NETWORKS	21	20	0
15BQ1A05B8	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	24	3
15BQ1A05B8	RT32055	WEB TECHNOLOGIES	23	29	3
15BQ1A05B8	RT32058	SOFTWARE ENGINEERING LAB	12	35	2
15BQ1A05B8	RT32059	WEB TECHNOLOGIES LAB	12	32	2
15BQ1A05D3	RT32053	COMPUTER NETWORKS	16	11	0
15BQ1A05D3	RT32055	WEB TECHNOLOGIES	23	5	0
15BQ1A05F2	RT32052	DATA WARE HOUSING AND MINING	27	33	3
15BQ1A05F2	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	20	0
15BQ1A05G5	RT32055	WEB TECHNOLOGIES	29	35	3
15BQ1A05H3	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	29	3
15BQ1A05H8	RT32053	COMPUTER NETWORKS	21	28	3
15BQ1A05H8	RT32055	WEB TECHNOLOGIES	22	30	3
15BQ1A05I4	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	-1	0
15BQ1A05I4	RT32055	WEB TECHNOLOGIES	16	12	0
15BQ1A05I6	RT32053	COMPUTER NETWORKS	20	38	3
15BQ1A05J2	RT32055	WEB TECHNOLOGIES	10	-1	0
15BQ1A05J4	RT32053	COMPUTER NETWORKS	18	-1	0
15BQ1A05J4	RT32055	WEB TECHNOLOGIES	5	-1	0
15BQ1A05J6	RT32056	IPR AND PATENTS	16	24	2
15BQ1A05J8	RT32052	DATA WARE HOUSING AND MINING	13	22	0
15BQ1A05M0	RT32055	WEB TECHNOLOGIES	17	-1	0
15BQ1A05M3	RT32053	COMPUTER NETWORKS	16	19	0
15BQ1A05M5	RT32052	DATA WARE HOUSING AND MINING	22	28	3
15BQ1A05M5	RT32055	WEB TECHNOLOGIES	15	30	3
15BQ1A05M6	RT32052	DATA WARE HOUSING AND MINING	17	0	0
15BQ1A05M6	RT32053	COMPUTER NETWORKS	16	0	0
15BQ1A05M6	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	0	0
15BQ1A05M6	RT32055	WEB TECHNOLOGIES	18	0	0
15BQ1A05M6	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	30	2
15BQ1A05N4	RT32052	DATA WARE HOUSING AND MINING	19	-1	0
15BQ1A05N7	RT32052	DATA WARE HOUSING AND MINING	19	0	0
15BQ1A05N7	RT32053	COMPUTER NETWORKS	16	10	0
15BQ1A05N7	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	0	0
15BQ1A05N7	RT32055	WEB TECHNOLOGIES	17	-1	0
15BQ1A1204	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	29	3
15BQ1A1206	RT32052	DATA WARE HOUSING AND MINING	17	5	0
15BQ1A1206	RT32053	COMPUTER NETWORKS	16	19	0
15BQ1A1206	RT32055	WEB TECHNOLOGIES	17	7	0
15BQ1A1211	RT32052	DATA WARE HOUSING AND MINING	17	15	0
15BQ1A1211	RT32053	COMPUTER NETWORKS	17	28	3
15BQ1A1211	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	15	0
15BQ1A1211	RT32055	WEB TECHNOLOGIES	21	13	0
15BQ1A1211	RT32121	SOFTWARE TESTING	16	6	0
15BQ1A1221	RT32052	DATA WARE HOUSING AND MINING	18	40	3
15BQ1A1227	RT32053	COMPUTER NETWORKS	17	17	0
15BQ1A1227	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	16	0
15BQ1A1227	RT32055	WEB TECHNOLOGIES	16	34	3
15BQ1A1227	RT32056	IPR AND PATENTS	17	24	2

Htno	Subcode	Subname	Internal	External	Credits
15BQ1A1227	RT32121	SOFTWARE TESTING	19	11	0
15BQ1A1229	RT32052	DATA WARE HOUSING AND MINING	22	29	3
15BQ1A1229	RT32129	WEB TECHNOLOGIES LAB	20	35	2
15BQ1A1232	RT32053	COMPUTER NETWORKS	19	19	0
15BQ1A1232	RT32056	IPR AND PATENTS	16	31	2
15BQ1A1239	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	16	0
15BQ1A1240	RT32055	WEB TECHNOLOGIES	18	8	0
15BQ1A1244	RT32052	DATA WARE HOUSING AND MINING	18	28	3
15BQ1A1244	RT32053	COMPUTER NETWORKS	17	32	3
15BQ1A1244	RT32055	WEB TECHNOLOGIES	17	10	0
15BQ1A1244	RT32121	SOFTWARE TESTING	21	18	0
15BQ1A1245	RT32052	DATA WARE HOUSING AND MINING	17	6	0
15BQ1A1245	RT32053	COMPUTER NETWORKS	17	17	0
15BQ1A1245	RT32121	SOFTWARE TESTING	16	23	0
15BQ1A1248	RT32052	DATA WARE HOUSING AND MINING	24	0	0
15BQ1A1248	RT32055	WEB TECHNOLOGIES	17	6	0
15BQ1A1249	RT32052	DATA WARE HOUSING AND MINING	20	20	0
15BQ1A1255	RT32053	COMPUTER NETWORKS	16	29	3
15BQ1A1255	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	0	0
15BQ1A1255	RT32121	SOFTWARE TESTING	16	13	0
15BQ1A1256	RT32052	DATA WARE HOUSING AND MINING	20	28	3
15BQ1A1256	RT32053	COMPUTER NETWORKS	17	19	0
15BQ1A1256	RT32055	WEB TECHNOLOGIES	19	17	0
15BQ1A1256	RT32121	SOFTWARE TESTING	18	19	0
15BQ1A1258	RT32055	WEB TECHNOLOGIES	23	42	3
15BQ1A1259	RT32053	COMPUTER NETWORKS	16	28	3
15BQ1A1259	RT32121	SOFTWARE TESTING	20	0	0
15BQ5A0226	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	15	0
15BQ5A0226	RT32024	POWER SYSTEM ANALYSIS	17	0	0
15BQ5A0414	RT32042	DIGITAL SIGNAL PROCESSING	20	40	3
15BQ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	16	14	0
15BQ5A0433	RT32042	DIGITAL SIGNAL PROCESSING	19	33	3
15BQ5A0433	RT32043	DIGITAL COMMUNICATIONS	23	31	3
15KP1A0599	RT32051	SOFTWARE ENGINEERING	25	-1	0
15KP1A0599	RT32055	WEB TECHNOLOGIES	16	-1	0
15KP1A0599	RT32056	IPR AND PATENTS	16	-1	0
15KP1A0599	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	12	-1	0
15KP1A0599	RT32058	SOFTWARE ENGINEERING LAB	12	-1	0
15KP1A0599	RT32059	WEB TECHNOLOGIES LAB	12	-1	0
16BQ5A0110	RT32016E	FINITE ELEMENT METHOD	13	31	3
16BQ5A0120	RT32014	WATER RESOURCES ENGINEERING I	16	24	3
16BQ5A0122	RT32016E	FINITE ELEMENT METHOD	18	28	3
16BQ5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	21	0
16BQ5A0202	RT32024	POWER SYSTEM ANALYSIS	17	53	3
16BQ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	16	15	0
16BQ5A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	28	3
16BQ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	0	0
16BQ5A0208	RT32024	POWER SYSTEM ANALYSIS	17	28	3
16BQ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	17	14	0
16BQ5A0210	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	6	0

Htno	Subcode	Subname	Internal	External	Credits
16BQ5A0210	RT32024	POWER SYSTEM ANALYSIS	18	0	0
16BQ5A0211	RT32024	POWER SYSTEM ANALYSIS	22	61	3
16BQ5A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	28	3
16BQ5A0212	RT32024	POWER SYSTEM ANALYSIS	17	41	3
16BQ5A0214	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	21	0
16BQ5A0214	RT32023	UTILIZATION OF ELECTRICAL ENERGY	17	20	0
16BQ5A0215	RT32026	POWER SEMICONDUCTOR DRIVES	19	29	3
16BQ5A0217	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
16BQ5A0217	RT32024	POWER SYSTEM ANALYSIS	16	44	3
16BQ5A0217	RT32026	POWER SEMICONDUCTOR DRIVES	18	15	0
16BQ5A0218	RT32024	POWER SYSTEM ANALYSIS	19	44	3
16BQ5A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	10	0
16BQ5A0221	RT32024	POWER SYSTEM ANALYSIS	16	21	0
16BQ5A0221	RT32026	POWER SEMICONDUCTOR DRIVES	3	12	0
16BQ5A0221	RT32027	POWER ELECTRONICS LAB	7	36	2
16BQ5A0222	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
16BQ5A0222	RT32022	SWITCHGEAR AND PROTECTION	18	28	3
16BQ5A0223	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	24	3
16BQ5A0223	RT32024	POWER SYSTEM ANALYSIS	16	62	3
16BQ5A0223	RT32026	POWER SEMICONDUCTOR DRIVES	19	25	3
16BQ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	24	29	3
16BQ5A0310	RT32031	OPERATIONS RESEARCH	21	37	3
16BQ5A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	17	0
16BQ5A0312	RT32031	OPERATIONS RESEARCH	17	28	3
16BQ5A0312	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	15	0
16BQ5A0312	RT32034	ROBOTICS	16	24	3
16BQ5A0312	RT32035	HEAT TRANSFER	16	0	0
16BQ5A0312	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	16	-1	0
16BQ5A0312	RT32037A	REFRIGERATION & AIR CONDITIONING	16	-1	0
16BQ5A0312	RT32038	HEAT TRANSFER LAB	22	30	2
16BQ5A0315	RT32035	HEAT TRANSFER	19	21	0
16BQ5A0320	RT32031	OPERATIONS RESEARCH	18	15	0
16BQ5A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	30	3
16BQ5A0320	RT32035	HEAT TRANSFER	17	-1	0
16BQ5A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	16	-1	0
16BQ5A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	25	3
16BQ5A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	29	3
16BQ5A0323	RT32035	HEAT TRANSFER	21	35	3
16BQ5A0327	RT32035	HEAT TRANSFER	17	33	3
16BQ5A0404	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
16BQ5A0404	RT32044	MICROWAVE ENGINEERING	22	31	3
16BQ5A0412	RT32043	DIGITAL COMMUNICATIONS	18	20	0
16BQ5A0412	RT32044	MICROWAVE ENGINEERING	18	35	3
16BQ5A0420	RT32043	DIGITAL COMMUNICATIONS	17	40	3
16BQ5A0427	RT32044	MICROWAVE ENGINEERING	21	38	3
16BQ5A0433	RT32042	DIGITAL SIGNAL PROCESSING	21	30	3
16BQ5A0439	RT32044	MICROWAVE ENGINEERING	24	31	3
16BQ5A0502	RT32055	WEB TECHNOLOGIES	23	28	3
16BQ5A0503	RT32053	COMPUTER NETWORKS	21	29	3

**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.

Date:23-01-2019

N. Mohan Rao
Controller of Examinations