



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: VIKAS COLLEGE OF ENGG AND TECH., NUNNA, VIJAYAWADA:NQ

Htno	Subcode	Subname	Internal	External	Credits
09NQ1A0305	R32033	HEAT TRANSFER	19	32	4
10NQ1A0116	R32012	WATER AND WASTEWATER ENGINEERING	10	0	0
10NQ1A0152	R32011	GEOTECHNICAL ENGINEERING - I	5	16	0
10NQ1A0152	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	18	10	0
10NQ1A0152	R32015	DESIGN & DRAWING OF CONCRETE STRUCTURES -II	23	10	0
10NQ1A0209	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	6	0
10NQ1A0223	R32021	ELECTRICAL MACHINE DESIGN	16	-1	0
10NQ1A0223	R32022	POWER SYSTEM ANALYSIS	6	-1	0
10NQ1A0223	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	-1	0
10NQ1A0234	R32024	MICROPROCESSORS AND MICROCONTROLLER	16	8	0
10NQ1A0317	R32033	HEAT TRANSFER	16	36	4
10NQ1A0405	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	12	-1	0
10NQ1A0424	R32043	DIGITAL SIGNAL PROCESSING	13	14	0
10NQ1A0428	R32043	DIGITAL SIGNAL PROCESSING	10	9	0
10NQ1A0434	R32043	DIGITAL SIGNAL PROCESSING	7	-1	0
10NQ1A0434	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	10	-1	0
10NQ1A0434	R32045	VLSI DESIGN	3	-1	0
10NQ1A0464	R32026	MANAGEMENT SCIENCE	15	-1	0
10NQ1A0464	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	12	-1	0
10NQ1A0464	R32045	VLSI DESIGN	12	23	0
10NQ1A0539	R32052	COMPUTER ARCHITECTURE	11	-1	0
10NQ1A0539	R32054	UNIX PROGRAMMING	15	-1	0
10NQ1A0539	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	8	0
11NQ1A0104	R32011	GEOTECHNICAL ENGINEERING - I	13	29	4
11NQ1A0107	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	24	-1	0
11NQ1A0118	R32011	GEOTECHNICAL ENGINEERING - I	17	29	4
11NQ1A0120	R32011	GEOTECHNICAL ENGINEERING - I	12	-1	0
11NQ1A0207	R32021	ELECTRICAL MACHINE DESIGN	14	26	4
11NQ1A0207	R32023	UTILIZATION OF ELECTRICAL ENERGY	17	29	4
11NQ1A0210	R32021	ELECTRICAL MACHINE DESIGN	19	9	0
11NQ1A0210	R32022	POWER SYSTEM ANALYSIS	14	8	0
11NQ1A0210	R32023	UTILIZATION OF ELECTRICAL ENERGY	16	19	0
11NQ1A0210	R32024	MICROPROCESSORS AND MICROCONTROLLER	15	0	0
11NQ1A0210	R32025	POWER SEMICONDUCTOR DRIVES	17	0	0
11NQ1A0210	R32026	MANAGEMENT SCIENCE	14	6	0
11NQ1A0314	R32032	ROBOTICS	16	31	4
11NQ1A0314	R32034	INSTRUMENTATION & CONTROL SYSTEMS	13	-1	0
11NQ1A0314	R32035	DESIGN OF MACHINE MEMBERS_II	18	12	0
11NQ1A0314	R32036	INDUSTRIAL ENGG. & MANAGEMENT	14	-1	0
11NQ1A0326	R32032	ROBOTICS	7	10	0
11NQ1A0332	R32032	ROBOTICS	15	-1	0
11NQ1A0332	R32033	HEAT TRANSFER	12	6	0
11NQ1A0401	R32045	VLSI DESIGN	19	19	0
11NQ1A0454	R32041	COMPUTER NETWORKS	16	31	4

Htno	Subcode	Subname	Internal	External	Credits
11NQ1A0454	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	11	-1	0
11NQ1A0454	R32045	VLSI DESIGN	20	0	0
11NQ1A0457	R32041	COMPUTER NETWORKS	16	25	0
11NQ1A0457	R32043	DIGITAL SIGNAL PROCESSING	20	16	0
11NQ1A0485	R32042	MICROWAVE ENGINEERING	21	-1	0
11NQ1A0485	R32043	DIGITAL SIGNAL PROCESSING	14	18	0
11NQ1A0485	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	16	12	0
11NQ1A0489	R32041	COMPUTER NETWORKS	14	16	0
11NQ1A0489	R32043	DIGITAL SIGNAL PROCESSING	4	22	0
11NQ1A0493	R32042	MICROWAVE ENGINEERING	21	16	0
11NQ1A0493	R32043	DIGITAL SIGNAL PROCESSING	15	14	0
11NQ1A0497	R32043	DIGITAL SIGNAL PROCESSING	8	-1	0
11NQ1A0497	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	19	9	0
11NQ1A0508	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	20	-1	0
11NQ1A0508	R32054	UNIX PROGRAMMING	13	-1	0
11NQ1A0508	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	17	-1	0
11NQ1A0510	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	30	4
11NQ1A0516	R32054	UNIX PROGRAMMING	18	11	0
11NQ1A0516	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	14	-1	0
11NQ1A0522	R32053	DESIGN AND ANALYSIS OF ALGORITHMS	17	14	0
11NQ1A0522	R32054	UNIX PROGRAMMING	16	-1	0
11NQ1A0522	R32055	ADVANCED JAVA AND WEB TECHNOLOGIES	18	0	0
12NQ1A0111	R32011	GEOTECHNICAL ENGINEERING - I	23	31	4
12NQ1A0116	R32011	GEOTECHNICAL ENGINEERING - I	14	39	4
12NQ1A0116	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	11	22	0
12NQ1A0117	R32011	GEOTECHNICAL ENGINEERING - I	16	22	0
12NQ1A0117	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	18	16	0
12NQ1A0119	R32011	GEOTECHNICAL ENGINEERING - I	14	22	0
12NQ1A0119	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	12	33	4
12NQ1A0130	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	25	33	4
12NQ1A0143	R32011	GEOTECHNICAL ENGINEERING - I	15	-1	0
12NQ1A0143	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	18	21	0
12NQ1A0305	R32031	METROLOGY	14	29	4
12NQ1A0305	R32033	HEAT TRANSFER	14	-1	0
12NQ1A0305	R32034	INSTRUMENTATION & CONTROL SYSTEMS	13	21	0
12NQ1A0308	R32033	HEAT TRANSFER	5	12	0
12NQ1A0313	R32031	METROLOGY	15	27	4
12NQ1A0313	R32033	HEAT TRANSFER	13	23	0
12NQ1A0313	R32034	INSTRUMENTATION & CONTROL SYSTEMS	15	23	0
12NQ1A0314	R32031	METROLOGY	18	27	4
12NQ1A0314	R32033	HEAT TRANSFER	9	11	0
12NQ1A0328	R32031	METROLOGY	20	27	4
12NQ1A0328	R32033	HEAT TRANSFER	12	12	0
12NQ1A0328	R32034	INSTRUMENTATION & CONTROL SYSTEMS	17	13	0
12NQ1A0332	R32033	HEAT TRANSFER	12	35	4
12NQ1A0333	R32033	HEAT TRANSFER	19	-1	0
12NQ1A0334	R32033	HEAT TRANSFER	17	13	0
12NQ1A0362	R32034	INSTRUMENTATION & CONTROL SYSTEMS	16	23	0
12NQ1A0405	R32041	COMPUTER NETWORKS	9	31	4
12NQ1A0405	R32043	DIGITAL SIGNAL PROCESSING	12	13	0

Htno	Subcode	Subname	Internal	External	Credits
12NQ1A0419	R32043	DIGITAL SIGNAL PROCESSING	12	11	0
12NQ1A0425	R32045	VLSI DESIGN	16	16	0
12NQ1A0456	R32043	DIGITAL SIGNAL PROCESSING	11	-1	0
12NQ1A0476	R32043	DIGITAL SIGNAL PROCESSING	15	33	4
12NQ1A0484	R32043	DIGITAL SIGNAL PROCESSING	8	0	0
12NQ1A0487	R32043	DIGITAL SIGNAL PROCESSING	19	22	0
12NQ1A0487	R32044	MICROPROCESSORS AND MICROCONTROLLERSS	21	10	0
12NQ1A0525	R32054	UNIX PROGRAMMING	12	12	0
12NQ1A0538	PT32051	ENGINEERING MECHANICS	21	47	3
12NQ1A0538	RT32055	WEB TECHNOLOGIES	7	26	0
12NQ1A0542	R32052	COMPUTER ARCHITECTURE	12	22	0
12NQ5A0401	R32043	DIGITAL SIGNAL PROCESSING	8	-1	0
12NQ5A0401	R32045	VLSI DESIGN	20	-1	0
13HP1A0151	RT32011	ENVIRONMENTAL ENGINEERING I	20	40	3
13HP1A0151	RT32012	GEOTECHNICAL ENGINEERING II	12	28	3
13HP1A0151	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	28	3
13HP1A0151	RT32014	WATER RESOURCES ENGINEERING I	20	53	3
13HP1A0151	RT32015	TRANSPORTATION ENGINEERING II	16	29	3
13HP1A0151	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	49	3
13HP1A0151	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	56	2
13HP1A0151	RT32018	TRANSPORTATION ENGINEERING LAB	22	40	2
13NQ1A0102	RT32012	GEOTECHNICAL ENGINEERING II	18	17	0
13NQ1A0102	RT32016E	FINITE ELEMENT METHOD	21	18	0
13NQ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	27	3
13NQ1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	34	3
13NQ1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	4	0
13NQ1A0107	RT32016E	FINITE ELEMENT METHOD	18	18	0
13NQ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	48	3
13NQ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	14	33	3
13NQ1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	27	3
13NQ1A0111	RT32016E	FINITE ELEMENT METHOD	22	25	3
13NQ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	17	15	0
13NQ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	16	12	0
13NQ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	9	0
13NQ1A0114	RT32014	WATER RESOURCES ENGINEERING I	22	0	0
13NQ1A0114	RT32015	TRANSPORTATION ENGINEERING II	21	27	3
13NQ1A0114	RT32016E	FINITE ELEMENT METHOD	20	0	0
13NQ1A0115	RT32012	GEOTECHNICAL ENGINEERING II	17	54	3
13NQ1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	2	0
13NQ1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	18	35	3
13NQ1A0118	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
13NQ1A0118	RT32014	WATER RESOURCES ENGINEERING I	19	17	0
13NQ1A0118	RT32016E	FINITE ELEMENT METHOD	21	4	0
13NQ1A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	45	3
13NQ1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	40	3
13NQ1A0129	RT32012	GEOTECHNICAL ENGINEERING II	20	27	3
13NQ1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	31	3
13NQ1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	7	0
13NQ1A0130	RT32016E	FINITE ELEMENT METHOD	22	9	0
13NQ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	21	6	0

Htno	Subcode	Subname	Internal	External	Credits
13NQ1A0131	RT32016E	FINITE ELEMENT METHOD	21	5	0
13NQ1A0133	RT32012	GEOTECHNICAL ENGINEERING II	17	32	3
13NQ1A0133	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	6	0
13NQ1A0133	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
13NQ1A0133	RT32015	TRANSPORTATION ENGINEERING II	17	24	3
13NQ1A0133	RT32016E	FINITE ELEMENT METHOD	20	14	0
13NQ1A0135	RT32011	ENVIRONMENTAL ENGINEERING I	5	36	3
13NQ1A0135	RT32012	GEOTECHNICAL ENGINEERING II	3	-1	0
13NQ1A0135	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	5	14	0
13NQ1A0135	RT32014	WATER RESOURCES ENGINEERING I	5	35	3
13NQ1A0135	RT32016E	FINITE ELEMENT METHOD	7	-1	0
13NQ1A0135	RT32017	COMPUTER AIDED ENGINEERING DRAWING	5	57	2
13NQ1A0135	RT32018	TRANSPORTATION ENGINEERING LAB	10	39	2
13NQ1A0141	RT32012	GEOTECHNICAL ENGINEERING II	22	46	3
13NQ1A0142	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	14	0
13NQ1A0142	RT32016E	FINITE ELEMENT METHOD	23	12	0
13NQ1A0143	RT32012	GEOTECHNICAL ENGINEERING II	19	6	0
13NQ1A0143	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	0	0
13NQ1A0143	RT32014	WATER RESOURCES ENGINEERING I	22	14	0
13NQ1A0143	RT32016E	FINITE ELEMENT METHOD	23	3	0
13NQ1A0147	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	18	0
13NQ1A0149	RT32012	GEOTECHNICAL ENGINEERING II	19	37	3
13NQ1A0201	RT32022	SWITCHGEAR AND PROTECTION	19	26	3
13NQ1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	18	8	0
13NQ1A0203	RT32022	SWITCHGEAR AND PROTECTION	21	6	0
13NQ1A0205	RT32022	SWITCHGEAR AND PROTECTION	20	27	3
13NQ1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	28	3
13NQ1A0205	RT32024	POWER SYSTEM ANALYSIS	7	5	0
13NQ1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	7	22	0
13NQ1A0210	RT32022	SWITCHGEAR AND PROTECTION	4	39	3
13NQ1A0210	RT32023	UTILIZATION OF ELECTRICAL ENERGY	18	37	3
13NQ1A0210	RT32024	POWER SYSTEM ANALYSIS	15	5	0
13NQ1A0210	RT32026	POWER SEMICONDUCTOR DRIVES	11	6	0
13NQ1A0212	RT32021	MICROPROCESSORS & MICROCONTROLLERS	9	37	3
13NQ1A0212	RT32024	POWER SYSTEM ANALYSIS	8	46	3
13NQ1A0212	RT32025	MANAGEMENT SCIENCE	0	68	3
13NQ1A0212	RT32026	POWER SEMICONDUCTOR DRIVES	7	33	3
13NQ1A0214	RT32022	SWITCHGEAR AND PROTECTION	14	20	0
13NQ1A0216	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	7	0
13NQ1A0216	RT32022	SWITCHGEAR AND PROTECTION	7	11	0
13NQ1A0216	RT32023	UTILIZATION OF ELECTRICAL ENERGY	23	35	3
13NQ1A0216	RT32024	POWER SYSTEM ANALYSIS	13	18	0
13NQ1A0216	RT32025	MANAGEMENT SCIENCE	21	30	3
13NQ1A0216	RT32026	POWER SEMICONDUCTOR DRIVES	14	16	0
13NQ1A0217	RT32022	SWITCHGEAR AND PROTECTION	12	18	0
13NQ1A0217	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	5	0
13NQ1A0217	RT32024	POWER SYSTEM ANALYSIS	18	11	0
13NQ1A0219	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	20	0
13NQ1A0219	RT32022	SWITCHGEAR AND PROTECTION	3	14	0
13NQ1A0219	RT32024	POWER SYSTEM ANALYSIS	7	3	0

Htno	Subcode	Subname	Internal	External	Credits
13NQ1A0219	RT32026	POWER SEMICONDUCTOR DRIVES	5	24	0
13NQ1A0221	RT32021	MICROPROCESSORS & MICROCONTROLLERS	17	25	3
13NQ1A0221	RT32022	SWITCHGEAR AND PROTECTION	12	30	3
13NQ1A0221	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	30	3
13NQ1A0221	RT32024	POWER SYSTEM ANALYSIS	17	11	0
13NQ1A0221	RT32025	MANAGEMENT SCIENCE	19	55	3
13NQ1A0221	RT32026	POWER SEMICONDUCTOR DRIVES	12	11	0
13NQ1A0228	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	34	3
13NQ1A0228	RT32022	SWITCHGEAR AND PROTECTION	23	25	3
13NQ1A0228	RT32023	UTILIZATION OF ELECTRICAL ENERGY	24	56	3
13NQ1A0228	RT32024	POWER SYSTEM ANALYSIS	28	45	3
13NQ1A0228	RT32025	MANAGEMENT SCIENCE	25	39	3
13NQ1A0228	RT32026	POWER SEMICONDUCTOR DRIVES	26	24	3
13NQ1A0228	RT32027	POWER ELECTRONICS LAB	23	44	2
13NQ1A0228	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
13NQ1A0229	RT32022	SWITCHGEAR AND PROTECTION	13	5	0
13NQ1A0229	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	41	3
13NQ1A0229	RT32024	POWER SYSTEM ANALYSIS	8	3	0
13NQ1A0230	RT32022	SWITCHGEAR AND PROTECTION	9	16	0
13NQ1A0230	RT32024	POWER SYSTEM ANALYSIS	7	12	0
13NQ1A0232	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	10	0
13NQ1A0232	RT32023	UTILIZATION OF ELECTRICAL ENERGY	22	9	0
13NQ1A0232	RT32024	POWER SYSTEM ANALYSIS	16	18	0
13NQ1A0232	RT32026	POWER SEMICONDUCTOR DRIVES	5	25	0
13NQ1A0235	RT32022	SWITCHGEAR AND PROTECTION	14	45	3
13NQ1A0235	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	32	3
13NQ1A0236	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	20	0
13NQ1A0236	RT32023	UTILIZATION OF ELECTRICAL ENERGY	19	47	3
13NQ1A0236	RT32026	POWER SEMICONDUCTOR DRIVES	21	25	3
13NQ1A0237	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	26	3
13NQ1A0301	RT32034	ROBOTICS	19	-1	0
13NQ1A0301	RT32035	HEAT TRANSFER	21	-1	0
13NQ1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	14	-1	0
13NQ1A0302	RT32035	HEAT TRANSFER	24	9	0
13NQ1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	31	3
13NQ1A0303	RT32035	HEAT TRANSFER	24	31	3
13NQ1A0307	RT32035	HEAT TRANSFER	26	33	3
13NQ1A0308	RT32031	OPERATIONS RESEARCH	24	41	3
13NQ1A0311	RT32031	OPERATIONS RESEARCH	19	24	3
13NQ1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
13NQ1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	18	33	3
13NQ1A0311	RT32034	ROBOTICS	23	33	3
13NQ1A0311	RT32035	HEAT TRANSFER	21	33	3
13NQ1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	25	3
13NQ1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	20	26	3
13NQ1A0311	RT32038	HEAT TRANSFER LAB	23	40	2
13NQ1A0312	RT32031	OPERATIONS RESEARCH	20	14	0
13NQ1A0312	RT32035	HEAT TRANSFER	21	0	0
13NQ1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	10	0
13NQ1A0316	RT32035	HEAT TRANSFER	24	8	0

Htno	Subcode	Subname	Internal	External	Credits
13NQ1A0319	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	24	3
13NQ1A0320	RT32031	OPERATIONS RESEARCH	21	26	3
13NQ1A0320	RT32034	ROBOTICS	23	31	3
13NQ1A0320	RT32035	HEAT TRANSFER	24	44	3
13NQ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	23	17	0
13NQ1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	13	0
13NQ1A0321	RT32035	HEAT TRANSFER	20	13	0
13NQ1A0326	RT32035	HEAT TRANSFER	23	12	0
13NQ1A0328	RT32031	OPERATIONS RESEARCH	20	33	3
13NQ1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	15	0
13NQ1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	21	30	3
13NQ1A0328	RT32035	HEAT TRANSFER	22	39	3
13NQ1A0329	RT32035	HEAT TRANSFER	20	23	0
13NQ1A0333	RT32035	HEAT TRANSFER	23	21	0
13NQ1A0335	RT32031	OPERATIONS RESEARCH	20	5	0
13NQ1A0335	RT32035	HEAT TRANSFER	23	8	0
13NQ1A0336	RT32031	OPERATIONS RESEARCH	21	31	3
13NQ1A0336	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	16	0
13NQ1A0336	RT32035	HEAT TRANSFER	21	28	3
13NQ1A0336	RT32037A	REFRIGERATION & AIR CONDITIONING	22	-1	0
13NQ1A0340	RT32031	OPERATIONS RESEARCH	20	26	3
13NQ1A0341	RT32035	HEAT TRANSFER	19	33	3
13NQ1A0344	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	29	3
13NQ1A0345	RT32035	HEAT TRANSFER	21	31	3
13NQ1A0348	RT32031	OPERATIONS RESEARCH	21	29	3
13NQ1A0348	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	14	0
13NQ1A0348	RT32035	HEAT TRANSFER	16	0	0
13NQ1A0348	RT32037A	REFRIGERATION & AIR CONDITIONING	19	34	3
13NQ1A0349	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	16	0
13NQ1A0349	RT32033	DESIGN OF MACHINE MEMBERS II	20	10	0
13NQ1A0349	RT32035	HEAT TRANSFER	22	19	0
13NQ1A0352	RT32031	OPERATIONS RESEARCH	19	14	0
13NQ1A0352	RT32033	DESIGN OF MACHINE MEMBERS II	16	24	3
13NQ1A0352	RT32035	HEAT TRANSFER	22	37	3
13NQ1A0357	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	2	0
13NQ1A0357	RT32034	ROBOTICS	20	0	0
13NQ1A0357	RT32035	HEAT TRANSFER	14	7	0
13NQ1A0358	RT32035	HEAT TRANSFER	21	10	0
13NQ1A0358	RT32037A	REFRIGERATION & AIR CONDITIONING	21	31	3
13NQ1A0360	RT32035	HEAT TRANSFER	24	41	3
13NQ1A0361	RT32035	HEAT TRANSFER	12	42	3
13NQ1A0362	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	25	3
13NQ1A0363	RT32031	OPERATIONS RESEARCH	18	24	3
13NQ1A0363	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	3	0
13NQ1A0363	RT32033	DESIGN OF MACHINE MEMBERS II	17	33	3
13NQ1A0363	RT32034	ROBOTICS	16	16	0
13NQ1A0363	RT32035	HEAT TRANSFER	20	11	0
13NQ1A0363	RT32037A	REFRIGERATION & AIR CONDITIONING	19	39	3
13NQ1A0366	RT32031	OPERATIONS RESEARCH	21	2	0
13NQ1A0366	RT32032	INTERACTIVE COMPUTER GRAPHICS	12	-1	0

Htno	Subcode	Subname	Internal	External	Credits
13NQ1A0366	RT32033	DESIGN OF MACHINE MEMBERS II	16	2	0
13NQ1A0366	RT32034	ROBOTICS	16	-1	0
13NQ1A0366	RT32035	HEAT TRANSFER	18	-1	0
13NQ1A0366	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	-1	0
13NQ1A0366	RT32037A	REFRIGERATION & AIR CONDITIONING	18	-1	0
13NQ1A0369	RT32031	OPERATIONS RESEARCH	22	-1	0
13NQ1A0369	RT32032	INTERACTIVE COMPUTER GRAPHICS	13	5	0
13NQ1A0369	RT32035	HEAT TRANSFER	17	0	0
13NQ1A0369	RT32037A	REFRIGERATION & AIR CONDITIONING	18	3	0
13NQ1A0371	RT32031	OPERATIONS RESEARCH	21	15	0
13NQ1A0371	RT32033	DESIGN OF MACHINE MEMBERS II	21	38	3
13NQ1A0373	RT32031	OPERATIONS RESEARCH	22	33	3
13NQ1A0373	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	31	3
13NQ1A0376	RT32031	OPERATIONS RESEARCH	20	14	0
13NQ1A0376	RT32035	HEAT TRANSFER	20	38	3
13NQ1A0378	RT32031	OPERATIONS RESEARCH	19	34	3
13NQ1A0378	RT32034	ROBOTICS	19	36	3
13NQ1A0379	RT32031	OPERATIONS RESEARCH	18	8	0
13NQ1A0379	RT32035	HEAT TRANSFER	17	6	0
13NQ1A0381	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	34	3
13NQ1A0381	RT32034	ROBOTICS	20	12	0
13NQ1A0385	RT32031	OPERATIONS RESEARCH	20	24	3
13NQ1A0385	RT32033	DESIGN OF MACHINE MEMBERS II	20	17	0
13NQ1A0385	RT32035	HEAT TRANSFER	20	0	0
13NQ1A0387	RT32037A	REFRIGERATION & AIR CONDITIONING	22	24	3
13NQ1A0405	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
13NQ1A0408	RT32042	DIGITAL SIGNAL PROCESSING	19	16	0
13NQ1A0414	RT32042	DIGITAL SIGNAL PROCESSING	16	14	0
13NQ1A0415	RT32042	DIGITAL SIGNAL PROCESSING	20	24	3
13NQ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	18	19	0
13NQ1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	42	2
13NQ1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
13NQ1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
13NQ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	8	0
13NQ1A0422	RT32043	DIGITAL COMMUNICATIONS	21	0	0
13NQ1A0422	RT32044	MICROWAVE ENGINEERING	17	0	0
13NQ1A0422	RT32045A	BIO MEDICAL ENGINEERING	20	24	3
13NQ1A0423	RT32042	DIGITAL SIGNAL PROCESSING	18	21	0
13NQ1A0425	RT32042	DIGITAL SIGNAL PROCESSING	19	18	0
13NQ1A0426	RT32042	DIGITAL SIGNAL PROCESSING	18	20	0
13NQ1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	31	3
13NQ1A0428	RT32042	DIGITAL SIGNAL PROCESSING	20	20	0
13NQ1A0428	RT32043	DIGITAL COMMUNICATIONS	19	14	0
13NQ1A0429	RT32042	DIGITAL SIGNAL PROCESSING	19	13	0
13NQ1A0429	RT32044	MICROWAVE ENGINEERING	18	5	0
13NQ1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	11	0
13NQ1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	33	3
13NQ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	52	3
13NQ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	21	36	3
13NQ1A0434	RT32045A	BIO MEDICAL ENGINEERING	23	28	3

Htno	Subcode	Subname	Internal	External	Credits
13NQ1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	31	3
13NQ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	18	24	3
13NQ1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	12	0
13NQ1A0441	RT32042	DIGITAL SIGNAL PROCESSING	17	19	0
13NQ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	21	11	0
13NQ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	17	4	0
13NQ1A0448	RT32042	DIGITAL SIGNAL PROCESSING	18	7	0
13NQ1A0448	RT32044	MICROWAVE ENGINEERING	20	18	0
13NQ1A0452	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	10	0
13NQ1A0452	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
13NQ1A0452	RT32045A	BIO MEDICAL ENGINEERING	20	27	3
13NQ1A0453	RT32044	MICROWAVE ENGINEERING	16	12	0
13NQ1A0454	RT32044	MICROWAVE ENGINEERING	19	14	0
13NQ1A0455	RT32044	MICROWAVE ENGINEERING	19	10	0
13NQ1A0461	RT32042	DIGITAL SIGNAL PROCESSING	18	33	3
13NQ1A0465	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	26	3
13NQ1A0465	RT32042	DIGITAL SIGNAL PROCESSING	18	2	0
13NQ1A0465	RT32044	MICROWAVE ENGINEERING	17	5	0
13NQ1A0513	RT32052	DATA WARE HOUSING AND MINING	13	50	3
13NQ1A0513	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	16	6	0
13NQ1A0513	RT32055	WEB TECHNOLOGIES	19	29	3
13NQ1A0521	RT32052	DATA WARE HOUSING AND MINING	15	-1	0
13NQ1A0521	RT32053	COMPUTER NETWORKS	10	-1	0
13NQ1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	2	0
13NQ1A0521	RT32055	WEB TECHNOLOGIES	12	-1	0
13NQ1A0521	RT32056	IPR AND PATENTS	15	-1	0
13NQ1A0522	RT32053	COMPUTER NETWORKS	12	25	0
13NQ1A0524	RT32053	COMPUTER NETWORKS	16	27	3
13NQ1A0525	RT32053	COMPUTER NETWORKS	16	6	0
13NQ1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	14	-1	0
13NQ1A0525	RT32055	WEB TECHNOLOGIES	21	17	0
13NQ5A0101	R32011	GEOTECHNICAL ENGINEERING - I	18	-1	0
13NQ5A0101	R32015	DESIGN & DRAWING OF CONCRETE STRUCTURES -II	18	20	0
13NQ5A0106	R32013	DESIGN & DRAWING OF STEEL STRUCTURES	15	33	4
13NQ5A0211	R32025	POWER SEMICONDUCTOR DRIVES	14	23	0
14NQ1A0101	RT32011	ENVIRONMENTAL ENGINEERING I	23	40	3
14NQ1A0101	RT32012	GEOTECHNICAL ENGINEERING II	22	47	3
14NQ1A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	26	41	3
14NQ1A0101	RT32014	WATER RESOURCES ENGINEERING I	26	47	3
14NQ1A0101	RT32015	TRANSPORTATION ENGINEERING II	24	36	3
14NQ1A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	48	3
14NQ1A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	66	2
14NQ1A0101	RT32018	TRANSPORTATION ENGINEERING LAB	24	49	2
14NQ1A0102	RT32011	ENVIRONMENTAL ENGINEERING I	28	36	3
14NQ1A0102	RT32012	GEOTECHNICAL ENGINEERING II	17	36	3
14NQ1A0102	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	50	3
14NQ1A0102	RT32014	WATER RESOURCES ENGINEERING I	23	33	3
14NQ1A0102	RT32015	TRANSPORTATION ENGINEERING II	20	38	3
14NQ1A0102	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	25	70	3
14NQ1A0102	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	67	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0102	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
14NQ1A0103	RT32011	ENVIRONMENTAL ENGINEERING I	20	0	0
14NQ1A0103	RT32012	GEOTECHNICAL ENGINEERING II	13	7	0
14NQ1A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	30	3
14NQ1A0103	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
14NQ1A0103	RT32015	TRANSPORTATION ENGINEERING II	14	0	0
14NQ1A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	41	3
14NQ1A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	55	2
14NQ1A0103	RT32018	TRANSPORTATION ENGINEERING LAB	20	40	2
14NQ1A0104	RT32011	ENVIRONMENTAL ENGINEERING I	24	45	3
14NQ1A0104	RT32012	GEOTECHNICAL ENGINEERING II	17	16	0
14NQ1A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	16	0
14NQ1A0104	RT32014	WATER RESOURCES ENGINEERING I	17	49	3
14NQ1A0104	RT32015	TRANSPORTATION ENGINEERING II	20	34	3
14NQ1A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	53	3
14NQ1A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	64	2
14NQ1A0104	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14NQ1A0105	RT32011	ENVIRONMENTAL ENGINEERING I	22	44	3
14NQ1A0105	RT32012	GEOTECHNICAL ENGINEERING II	12	12	0
14NQ1A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	17	15	0
14NQ1A0105	RT32014	WATER RESOURCES ENGINEERING I	20	38	3
14NQ1A0105	RT32015	TRANSPORTATION ENGINEERING II	18	27	3
14NQ1A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	42	3
14NQ1A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	55	2
14NQ1A0105	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14NQ1A0106	RT32011	ENVIRONMENTAL ENGINEERING I	17	32	3
14NQ1A0106	RT32012	GEOTECHNICAL ENGINEERING II	20	39	3
14NQ1A0106	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	56	3
14NQ1A0106	RT32014	WATER RESOURCES ENGINEERING I	23	26	3
14NQ1A0106	RT32015	TRANSPORTATION ENGINEERING II	19	14	0
14NQ1A0106	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	64	3
14NQ1A0106	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	65	2
14NQ1A0106	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
14NQ1A0107	RT32011	ENVIRONMENTAL ENGINEERING I	22	24	3
14NQ1A0107	RT32012	GEOTECHNICAL ENGINEERING II	19	46	3
14NQ1A0107	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	29	3
14NQ1A0107	RT32014	WATER RESOURCES ENGINEERING I	22	26	3
14NQ1A0107	RT32015	TRANSPORTATION ENGINEERING II	22	6	0
14NQ1A0107	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	42	3
14NQ1A0107	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	56	2
14NQ1A0107	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14NQ1A0108	RT32011	ENVIRONMENTAL ENGINEERING I	27	57	3
14NQ1A0108	RT32012	GEOTECHNICAL ENGINEERING II	23	69	3
14NQ1A0108	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	30	43	3
14NQ1A0108	RT32014	WATER RESOURCES ENGINEERING I	28	70	3
14NQ1A0108	RT32015	TRANSPORTATION ENGINEERING II	22	50	3
14NQ1A0108	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	27	70	3
14NQ1A0108	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	67	2
14NQ1A0108	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
14NQ1A0109	RT32011	ENVIRONMENTAL ENGINEERING I	27	41	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0109	RT32012	GEOTECHNICAL ENGINEERING II	13	36	3
14NQ1A0109	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	24	3
14NQ1A0109	RT32014	WATER RESOURCES ENGINEERING I	29	39	3
14NQ1A0109	RT32015	TRANSPORTATION ENGINEERING II	25	59	3
14NQ1A0109	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	63	3
14NQ1A0109	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	55	2
14NQ1A0109	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
14NQ1A0110	RT32011	ENVIRONMENTAL ENGINEERING I	20	36	3
14NQ1A0110	RT32012	GEOTECHNICAL ENGINEERING II	14	30	3
14NQ1A0110	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	39	3
14NQ1A0110	RT32014	WATER RESOURCES ENGINEERING I	24	50	3
14NQ1A0110	RT32015	TRANSPORTATION ENGINEERING II	19	59	3
14NQ1A0110	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	13	59	3
14NQ1A0110	RT32017	COMPUTER AIDED ENGINEERING DRAWING	23	56	2
14NQ1A0110	RT32018	TRANSPORTATION ENGINEERING LAB	15	40	2
14NQ1A0111	RT32011	ENVIRONMENTAL ENGINEERING I	28	42	3
14NQ1A0111	RT32012	GEOTECHNICAL ENGINEERING II	18	55	3
14NQ1A0111	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	27	50	3
14NQ1A0111	RT32014	WATER RESOURCES ENGINEERING I	20	48	3
14NQ1A0111	RT32015	TRANSPORTATION ENGINEERING II	24	31	3
14NQ1A0111	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	22	61	3
14NQ1A0111	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
14NQ1A0111	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
14NQ1A0113	RT32011	ENVIRONMENTAL ENGINEERING I	18	29	3
14NQ1A0113	RT32012	GEOTECHNICAL ENGINEERING II	11	9	0
14NQ1A0113	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	3	0
14NQ1A0113	RT32014	WATER RESOURCES ENGINEERING I	15	35	3
14NQ1A0113	RT32015	TRANSPORTATION ENGINEERING II	17	32	3
14NQ1A0113	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	19	35	3
14NQ1A0113	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	55	2
14NQ1A0113	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
14NQ1A0114	RT32011	ENVIRONMENTAL ENGINEERING I	19	35	3
14NQ1A0114	RT32012	GEOTECHNICAL ENGINEERING II	7	4	0
14NQ1A0114	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	5	5	0
14NQ1A0114	RT32014	WATER RESOURCES ENGINEERING I	18	11	0
14NQ1A0114	RT32015	TRANSPORTATION ENGINEERING II	15	17	0
14NQ1A0114	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	9	0
14NQ1A0114	RT32017	COMPUTER AIDED ENGINEERING DRAWING	21	55	2
14NQ1A0114	RT32018	TRANSPORTATION ENGINEERING LAB	15	40	2
14NQ1A0115	RT32011	ENVIRONMENTAL ENGINEERING I	23	44	3
14NQ1A0115	RT32012	GEOTECHNICAL ENGINEERING II	13	36	3
14NQ1A0115	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	48	3
14NQ1A0115	RT32014	WATER RESOURCES ENGINEERING I	21	42	3
14NQ1A0115	RT32015	TRANSPORTATION ENGINEERING II	19	33	3
14NQ1A0115	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	20	48	3
14NQ1A0115	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	61	2
14NQ1A0115	RT32018	TRANSPORTATION ENGINEERING LAB	23	48	2
14NQ1A0116	RT32011	ENVIRONMENTAL ENGINEERING I	19	36	3
14NQ1A0116	RT32012	GEOTECHNICAL ENGINEERING II	7	33	3
14NQ1A0116	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0116	RT32014	WATER RESOURCES ENGINEERING I	16	7	0
14NQ1A0116	RT32015	TRANSPORTATION ENGINEERING II	15	15	0
14NQ1A0116	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	55	3
14NQ1A0116	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	56	2
14NQ1A0116	RT32018	TRANSPORTATION ENGINEERING LAB	20	43	2
14NQ1A0118	RT32011	ENVIRONMENTAL ENGINEERING I	25	36	3
14NQ1A0118	RT32012	GEOTECHNICAL ENGINEERING II	18	38	3
14NQ1A0118	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	35	3
14NQ1A0118	RT32014	WATER RESOURCES ENGINEERING I	21	62	3
14NQ1A0118	RT32015	TRANSPORTATION ENGINEERING II	18	40	3
14NQ1A0118	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	43	3
14NQ1A0118	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
14NQ1A0118	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14NQ1A0119	RT32011	ENVIRONMENTAL ENGINEERING I	20	24	3
14NQ1A0119	RT32012	GEOTECHNICAL ENGINEERING II	11	12	0
14NQ1A0119	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	16	12	0
14NQ1A0119	RT32014	WATER RESOURCES ENGINEERING I	18	24	3
14NQ1A0119	RT32015	TRANSPORTATION ENGINEERING II	16	24	3
14NQ1A0119	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	37	3
14NQ1A0119	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	64	2
14NQ1A0119	RT32018	TRANSPORTATION ENGINEERING LAB	22	45	2
14NQ1A0120	RT32011	ENVIRONMENTAL ENGINEERING I	28	57	3
14NQ1A0120	RT32012	GEOTECHNICAL ENGINEERING II	21	47	3
14NQ1A0120	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	29	52	3
14NQ1A0120	RT32014	WATER RESOURCES ENGINEERING I	28	54	3
14NQ1A0120	RT32015	TRANSPORTATION ENGINEERING II	28	38	3
14NQ1A0120	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	67	3
14NQ1A0120	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	66	2
14NQ1A0120	RT32018	TRANSPORTATION ENGINEERING LAB	25	49	2
14NQ1A0121	RT32011	ENVIRONMENTAL ENGINEERING I	26	40	3
14NQ1A0121	RT32012	GEOTECHNICAL ENGINEERING II	16	27	3
14NQ1A0121	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	38	3
14NQ1A0121	RT32014	WATER RESOURCES ENGINEERING I	25	43	3
14NQ1A0121	RT32015	TRANSPORTATION ENGINEERING II	24	0	0
14NQ1A0121	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	57	3
14NQ1A0121	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
14NQ1A0121	RT32018	TRANSPORTATION ENGINEERING LAB	23	46	2
14NQ1A0123	RT32011	ENVIRONMENTAL ENGINEERING I	19	33	3
14NQ1A0123	RT32012	GEOTECHNICAL ENGINEERING II	16	28	3
14NQ1A0123	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	27	3
14NQ1A0123	RT32014	WATER RESOURCES ENGINEERING I	22	53	3
14NQ1A0123	RT32015	TRANSPORTATION ENGINEERING II	20	39	3
14NQ1A0123	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	26	39	3
14NQ1A0123	RT32017	COMPUTER AIDED ENGINEERING DRAWING	28	67	2
14NQ1A0123	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14NQ1A0124	RT32011	ENVIRONMENTAL ENGINEERING I	26	41	3
14NQ1A0124	RT32012	GEOTECHNICAL ENGINEERING II	18	34	3
14NQ1A0124	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	17	0
14NQ1A0124	RT32014	WATER RESOURCES ENGINEERING I	25	31	3
14NQ1A0124	RT32015	TRANSPORTATION ENGINEERING II	26	45	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0124	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	66	3
14NQ1A0124	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2
14NQ1A0124	RT32018	TRANSPORTATION ENGINEERING LAB	25	48	2
14NQ1A0125	RT32011	ENVIRONMENTAL ENGINEERING I	22	7	0
14NQ1A0125	RT32012	GEOTECHNICAL ENGINEERING II	16	24	3
14NQ1A0125	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	42	3
14NQ1A0125	RT32014	WATER RESOURCES ENGINEERING I	21	35	3
14NQ1A0125	RT32015	TRANSPORTATION ENGINEERING II	18	32	3
14NQ1A0125	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	67	3
14NQ1A0125	RT32017	COMPUTER AIDED ENGINEERING DRAWING	22	63	2
14NQ1A0125	RT32018	TRANSPORTATION ENGINEERING LAB	22	46	2
14NQ1A0127	RT32011	ENVIRONMENTAL ENGINEERING I	23	45	3
14NQ1A0127	RT32012	GEOTECHNICAL ENGINEERING II	15	31	3
14NQ1A0127	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	24	45	3
14NQ1A0127	RT32014	WATER RESOURCES ENGINEERING I	22	35	3
14NQ1A0127	RT32015	TRANSPORTATION ENGINEERING II	22	24	3
14NQ1A0127	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	59	3
14NQ1A0127	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	64	2
14NQ1A0127	RT32018	TRANSPORTATION ENGINEERING LAB	20	45	2
14NQ1A0128	RT32011	ENVIRONMENTAL ENGINEERING I	20	4	0
14NQ1A0128	RT32012	GEOTECHNICAL ENGINEERING II	10	6	0
14NQ1A0128	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	7	0
14NQ1A0128	RT32014	WATER RESOURCES ENGINEERING I	17	9	0
14NQ1A0128	RT32015	TRANSPORTATION ENGINEERING II	14	17	0
14NQ1A0128	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	16	10	0
14NQ1A0128	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	57	2
14NQ1A0128	RT32018	TRANSPORTATION ENGINEERING LAB	22	47	2
14NQ1A0129	RT32011	ENVIRONMENTAL ENGINEERING I	26	42	3
14NQ1A0129	RT32012	GEOTECHNICAL ENGINEERING II	24	54	3
14NQ1A0129	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	42	3
14NQ1A0129	RT32014	WATER RESOURCES ENGINEERING I	30	49	3
14NQ1A0129	RT32015	TRANSPORTATION ENGINEERING II	27	34	3
14NQ1A0129	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	24	62	3
14NQ1A0129	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	67	2
14NQ1A0129	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14NQ1A0130	RT32011	ENVIRONMENTAL ENGINEERING I	22	33	3
14NQ1A0130	RT32012	GEOTECHNICAL ENGINEERING II	8	24	0
14NQ1A0130	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	25	44	3
14NQ1A0130	RT32014	WATER RESOURCES ENGINEERING I	26	51	3
14NQ1A0130	RT32015	TRANSPORTATION ENGINEERING II	11	18	0
14NQ1A0130	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	11	62	3
14NQ1A0130	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	64	2
14NQ1A0130	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
14NQ1A0131	RT32011	ENVIRONMENTAL ENGINEERING I	26	25	3
14NQ1A0131	RT32012	GEOTECHNICAL ENGINEERING II	16	3	0
14NQ1A0131	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	18	27	3
14NQ1A0131	RT32014	WATER RESOURCES ENGINEERING I	17	24	3
14NQ1A0131	RT32015	TRANSPORTATION ENGINEERING II	20	4	0
14NQ1A0131	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	18	47	3
14NQ1A0131	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	65	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0131	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
14NQ1A0132	RT32011	ENVIRONMENTAL ENGINEERING I	20	13	0
14NQ1A0132	RT32012	GEOTECHNICAL ENGINEERING II	13	9	0
14NQ1A0132	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	15	14	0
14NQ1A0132	RT32014	WATER RESOURCES ENGINEERING I	24	33	3
14NQ1A0132	RT32015	TRANSPORTATION ENGINEERING II	21	33	3
14NQ1A0132	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	24	3
14NQ1A0132	RT32017	COMPUTER AIDED ENGINEERING DRAWING	24	63	2
14NQ1A0132	RT32018	TRANSPORTATION ENGINEERING LAB	22	42	2
14NQ1A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	47	3
14NQ1A0201	RT32022	SWITCHGEAR AND PROTECTION	24	37	3
14NQ1A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	30	24	3
14NQ1A0201	RT32024	POWER SYSTEM ANALYSIS	30	24	3
14NQ1A0201	RT32025	MANAGEMENT SCIENCE	25	52	3
14NQ1A0201	RT32026	POWER SEMICONDUCTOR DRIVES	27	24	3
14NQ1A0201	RT32027	POWER ELECTRONICS LAB	21	42	2
14NQ1A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
14NQ1A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	5	-1	0
14NQ1A0202	RT32022	SWITCHGEAR AND PROTECTION	5	-1	0
14NQ1A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	5	-1	0
14NQ1A0202	RT32024	POWER SYSTEM ANALYSIS	5	-1	0
14NQ1A0202	RT32025	MANAGEMENT SCIENCE	5	-1	0
14NQ1A0202	RT32026	POWER SEMICONDUCTOR DRIVES	5	-1	0
14NQ1A0202	RT32027	POWER ELECTRONICS LAB	11	-1	0
14NQ1A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	11	-1	0
14NQ1A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	36	3
14NQ1A0203	RT32022	SWITCHGEAR AND PROTECTION	29	35	3
14NQ1A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	50	3
14NQ1A0203	RT32024	POWER SYSTEM ANALYSIS	24	39	3
14NQ1A0203	RT32025	MANAGEMENT SCIENCE	26	57	3
14NQ1A0203	RT32026	POWER SEMICONDUCTOR DRIVES	28	17	0
14NQ1A0203	RT32027	POWER ELECTRONICS LAB	25	42	2
14NQ1A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	23	46	2
14NQ1A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	40	3
14NQ1A0204	RT32022	SWITCHGEAR AND PROTECTION	25	32	3
14NQ1A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	41	3
14NQ1A0204	RT32024	POWER SYSTEM ANALYSIS	27	48	3
14NQ1A0204	RT32025	MANAGEMENT SCIENCE	27	39	3
14NQ1A0204	RT32026	POWER SEMICONDUCTOR DRIVES	28	24	3
14NQ1A0204	RT32027	POWER ELECTRONICS LAB	24	49	2
14NQ1A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
14NQ1A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	64	3
14NQ1A0205	RT32022	SWITCHGEAR AND PROTECTION	29	42	3
14NQ1A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	29	36	3
14NQ1A0205	RT32024	POWER SYSTEM ANALYSIS	16	53	3
14NQ1A0205	RT32025	MANAGEMENT SCIENCE	27	63	3
14NQ1A0205	RT32026	POWER SEMICONDUCTOR DRIVES	23	32	3
14NQ1A0205	RT32027	POWER ELECTRONICS LAB	24	47	2
14NQ1A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
14NQ1A0206	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	24	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0206	RT32022	SWITCHGEAR AND PROTECTION	26	30	3
14NQ1A0206	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	27	3
14NQ1A0206	RT32024	POWER SYSTEM ANALYSIS	25	6	0
14NQ1A0206	RT32025	MANAGEMENT SCIENCE	23	25	3
14NQ1A0206	RT32026	POWER SEMICONDUCTOR DRIVES	27	34	3
14NQ1A0206	RT32027	POWER ELECTRONICS LAB	23	46	2
14NQ1A0206	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
14NQ1A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	46	3
14NQ1A0207	RT32022	SWITCHGEAR AND PROTECTION	26	38	3
14NQ1A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	47	3
14NQ1A0207	RT32024	POWER SYSTEM ANALYSIS	27	33	3
14NQ1A0207	RT32025	MANAGEMENT SCIENCE	25	53	3
14NQ1A0207	RT32026	POWER SEMICONDUCTOR DRIVES	26	34	3
14NQ1A0207	RT32027	POWER ELECTRONICS LAB	22	46	2
14NQ1A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
14NQ1A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	24	3
14NQ1A0208	RT32022	SWITCHGEAR AND PROTECTION	23	26	3
14NQ1A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	21	43	3
14NQ1A0208	RT32024	POWER SYSTEM ANALYSIS	23	7	0
14NQ1A0208	RT32025	MANAGEMENT SCIENCE	25	40	3
14NQ1A0208	RT32026	POWER SEMICONDUCTOR DRIVES	20	3	0
14NQ1A0208	RT32027	POWER ELECTRONICS LAB	25	43	2
14NQ1A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	22	44	2
14NQ1A0209	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	42	3
14NQ1A0209	RT32022	SWITCHGEAR AND PROTECTION	28	36	3
14NQ1A0209	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	24	3
14NQ1A0209	RT32024	POWER SYSTEM ANALYSIS	27	35	3
14NQ1A0209	RT32025	MANAGEMENT SCIENCE	25	53	3
14NQ1A0209	RT32026	POWER SEMICONDUCTOR DRIVES	28	29	3
14NQ1A0209	RT32027	POWER ELECTRONICS LAB	20	49	2
14NQ1A0209	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
14NQ1A0301	RT32031	OPERATIONS RESEARCH	28	50	3
14NQ1A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	42	3
14NQ1A0301	RT32033	DESIGN OF MACHINE MEMBERS II	28	35	3
14NQ1A0301	RT32034	ROBOTICS	27	34	3
14NQ1A0301	RT32035	HEAT TRANSFER	29	37	3
14NQ1A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	48	3
14NQ1A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	22	35	3
14NQ1A0301	RT32038	HEAT TRANSFER LAB	24	49	2
14NQ1A0302	RT32031	OPERATIONS RESEARCH	26	66	3
14NQ1A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	44	3
14NQ1A0302	RT32033	DESIGN OF MACHINE MEMBERS II	28	36	3
14NQ1A0302	RT32034	ROBOTICS	27	37	3
14NQ1A0302	RT32035	HEAT TRANSFER	29	13	0
14NQ1A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	26	3
14NQ1A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	25	40	3
14NQ1A0302	RT32038	HEAT TRANSFER LAB	24	49	2
14NQ1A0303	RT32031	OPERATIONS RESEARCH	27	40	3
14NQ1A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	35	3
14NQ1A0303	RT32033	DESIGN OF MACHINE MEMBERS II	27	46	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0303	RT32034	ROBOTICS	29	44	3
14NQ1A0303	RT32035	HEAT TRANSFER	29	67	3
14NQ1A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	35	3
14NQ1A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
14NQ1A0303	RT32038	HEAT TRANSFER LAB	23	48	2
14NQ1A0304	RT32031	OPERATIONS RESEARCH	21	16	0
14NQ1A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
14NQ1A0304	RT32033	DESIGN OF MACHINE MEMBERS II	18	14	0
14NQ1A0304	RT32034	ROBOTICS	23	4	0
14NQ1A0304	RT32035	HEAT TRANSFER	21	31	3
14NQ1A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	29	3
14NQ1A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	20	13	0
14NQ1A0304	RT32038	HEAT TRANSFER LAB	22	45	2
14NQ1A0305	RT32031	OPERATIONS RESEARCH	27	37	3
14NQ1A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	31	3
14NQ1A0305	RT32033	DESIGN OF MACHINE MEMBERS II	25	44	3
14NQ1A0305	RT32034	ROBOTICS	23	34	3
14NQ1A0305	RT32035	HEAT TRANSFER	24	24	3
14NQ1A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	25	3
14NQ1A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	24	31	3
14NQ1A0305	RT32038	HEAT TRANSFER LAB	23	44	2
14NQ1A0306	RT32031	OPERATIONS RESEARCH	18	13	0
14NQ1A0306	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	19	0
14NQ1A0306	RT32033	DESIGN OF MACHINE MEMBERS II	20	27	3
14NQ1A0306	RT32034	ROBOTICS	18	24	3
14NQ1A0306	RT32035	HEAT TRANSFER	22	9	0
14NQ1A0306	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	31	3
14NQ1A0306	RT32037A	REFRIGERATION & AIR CONDITIONING	15	39	3
14NQ1A0306	RT32038	HEAT TRANSFER LAB	24	45	2
14NQ1A0307	RT32031	OPERATIONS RESEARCH	22	27	3
14NQ1A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	12	0
14NQ1A0307	RT32033	DESIGN OF MACHINE MEMBERS II	16	42	3
14NQ1A0307	RT32034	ROBOTICS	27	38	3
14NQ1A0307	RT32035	HEAT TRANSFER	24	37	3
14NQ1A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	30	3
14NQ1A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	18	14	0
14NQ1A0307	RT32038	HEAT TRANSFER LAB	23	46	2
14NQ1A0308	RT32031	OPERATIONS RESEARCH	19	26	3
14NQ1A0308	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	32	3
14NQ1A0308	RT32033	DESIGN OF MACHINE MEMBERS II	22	24	3
14NQ1A0308	RT32034	ROBOTICS	24	31	3
14NQ1A0308	RT32035	HEAT TRANSFER	23	33	3
14NQ1A0308	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	32	3
14NQ1A0308	RT32037A	REFRIGERATION & AIR CONDITIONING	19	11	0
14NQ1A0308	RT32038	HEAT TRANSFER LAB	15	40	2
14NQ1A0309	RT32031	OPERATIONS RESEARCH	21	6	0
14NQ1A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	4	0
14NQ1A0309	RT32033	DESIGN OF MACHINE MEMBERS II	20	20	0
14NQ1A0309	RT32034	ROBOTICS	21	0	0
14NQ1A0309	RT32035	HEAT TRANSFER	15	0	0

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	15	0
14NQ1A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	14	3	0
14NQ1A0309	RT32038	HEAT TRANSFER LAB	24	45	2
14NQ1A0310	RT32031	OPERATIONS RESEARCH	21	53	3
14NQ1A0310	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	15	0
14NQ1A0310	RT32033	DESIGN OF MACHINE MEMBERS II	18	25	3
14NQ1A0310	RT32034	ROBOTICS	22	16	0
14NQ1A0310	RT32035	HEAT TRANSFER	22	7	0
14NQ1A0310	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	19	32	3
14NQ1A0310	RT32037A	REFRIGERATION & AIR CONDITIONING	21	52	3
14NQ1A0310	RT32038	HEAT TRANSFER LAB	18	40	2
14NQ1A0311	RT32031	OPERATIONS RESEARCH	21	11	0
14NQ1A0311	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	38	3
14NQ1A0311	RT32033	DESIGN OF MACHINE MEMBERS II	25	34	3
14NQ1A0311	RT32034	ROBOTICS	22	34	3
14NQ1A0311	RT32035	HEAT TRANSFER	20	46	3
14NQ1A0311	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	28	3
14NQ1A0311	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
14NQ1A0311	RT32038	HEAT TRANSFER LAB	21	45	2
14NQ1A0313	RT32031	OPERATIONS RESEARCH	19	28	3
14NQ1A0313	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	17	0
14NQ1A0313	RT32033	DESIGN OF MACHINE MEMBERS II	24	31	3
14NQ1A0313	RT32034	ROBOTICS	27	16	0
14NQ1A0313	RT32035	HEAT TRANSFER	21	12	0
14NQ1A0313	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	40	3
14NQ1A0313	RT32037A	REFRIGERATION & AIR CONDITIONING	20	0	0
14NQ1A0313	RT32038	HEAT TRANSFER LAB	18	40	2
14NQ1A0314	RT32031	OPERATIONS RESEARCH	17	8	0
14NQ1A0314	RT32032	INTERACTIVE COMPUTER GRAPHICS	18	14	0
14NQ1A0314	RT32033	DESIGN OF MACHINE MEMBERS II	20	14	0
14NQ1A0314	RT32034	ROBOTICS	21	20	0
14NQ1A0314	RT32035	HEAT TRANSFER	27	22	0
14NQ1A0314	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
14NQ1A0314	RT32037A	REFRIGERATION & AIR CONDITIONING	20	24	3
14NQ1A0314	RT32038	HEAT TRANSFER LAB	21	43	2
14NQ1A0315	RT32031	OPERATIONS RESEARCH	22	41	3
14NQ1A0315	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	38	3
14NQ1A0315	RT32033	DESIGN OF MACHINE MEMBERS II	20	27	3
14NQ1A0315	RT32034	ROBOTICS	21	26	3
14NQ1A0315	RT32035	HEAT TRANSFER	17	12	0
14NQ1A0315	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	25	10	0
14NQ1A0315	RT32037A	REFRIGERATION & AIR CONDITIONING	18	52	3
14NQ1A0315	RT32038	HEAT TRANSFER LAB	23	47	2
14NQ1A0316	RT32031	OPERATIONS RESEARCH	8	2	0
14NQ1A0316	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	0	0
14NQ1A0316	RT32033	DESIGN OF MACHINE MEMBERS II	12	4	0
14NQ1A0316	RT32034	ROBOTICS	19	14	0
14NQ1A0316	RT32035	HEAT TRANSFER	14	0	0
14NQ1A0316	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	7	13	0
14NQ1A0316	RT32037A	REFRIGERATION & AIR CONDITIONING	7	0	0

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0316	RT32038	HEAT TRANSFER LAB	18	40	2
14NQ1A0320	RT32031	OPERATIONS RESEARCH	20	25	3
14NQ1A0320	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	16	0
14NQ1A0320	RT32033	DESIGN OF MACHINE MEMBERS II	21	17	0
14NQ1A0320	RT32034	ROBOTICS	24	16	0
14NQ1A0320	RT32035	HEAT TRANSFER	22	36	3
14NQ1A0320	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	26	30	3
14NQ1A0320	RT32037A	REFRIGERATION & AIR CONDITIONING	21	8	0
14NQ1A0320	RT32038	HEAT TRANSFER LAB	23	42	2
14NQ1A0321	RT32031	OPERATIONS RESEARCH	28	32	3
14NQ1A0321	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	40	3
14NQ1A0321	RT32033	DESIGN OF MACHINE MEMBERS II	27	35	3
14NQ1A0321	RT32034	ROBOTICS	28	24	3
14NQ1A0321	RT32035	HEAT TRANSFER	23	33	3
14NQ1A0321	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	22	30	3
14NQ1A0321	RT32037A	REFRIGERATION & AIR CONDITIONING	20	38	3
14NQ1A0321	RT32038	HEAT TRANSFER LAB	23	45	2
14NQ1A0322	RT32031	OPERATIONS RESEARCH	7	33	3
14NQ1A0322	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	16	0
14NQ1A0322	RT32033	DESIGN OF MACHINE MEMBERS II	18	26	3
14NQ1A0322	RT32034	ROBOTICS	17	26	3
14NQ1A0322	RT32035	HEAT TRANSFER	16	0	0
14NQ1A0322	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	10	7	0
14NQ1A0322	RT32037A	REFRIGERATION & AIR CONDITIONING	17	14	0
14NQ1A0322	RT32038	HEAT TRANSFER LAB	18	40	2
14NQ1A0323	RT32031	OPERATIONS RESEARCH	23	9	0
14NQ1A0323	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	32	3
14NQ1A0323	RT32033	DESIGN OF MACHINE MEMBERS II	26	44	3
14NQ1A0323	RT32034	ROBOTICS	21	25	3
14NQ1A0323	RT32035	HEAT TRANSFER	26	45	3
14NQ1A0323	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	27	3
14NQ1A0323	RT32037A	REFRIGERATION & AIR CONDITIONING	19	14	0
14NQ1A0323	RT32038	HEAT TRANSFER LAB	18	40	2
14NQ1A0324	RT32031	OPERATIONS RESEARCH	23	45	3
14NQ1A0324	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	38	3
14NQ1A0324	RT32033	DESIGN OF MACHINE MEMBERS II	28	35	3
14NQ1A0324	RT32034	ROBOTICS	24	25	3
14NQ1A0324	RT32035	HEAT TRANSFER	27	33	3
14NQ1A0324	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	36	3
14NQ1A0324	RT32037A	REFRIGERATION & AIR CONDITIONING	20	11	0
14NQ1A0324	RT32038	HEAT TRANSFER LAB	23	45	2
14NQ1A0325	RT32031	OPERATIONS RESEARCH	26	25	3
14NQ1A0325	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	24	3
14NQ1A0325	RT32033	DESIGN OF MACHINE MEMBERS II	22	44	3
14NQ1A0325	RT32034	ROBOTICS	27	15	0
14NQ1A0325	RT32035	HEAT TRANSFER	19	18	0
14NQ1A0325	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	48	3
14NQ1A0325	RT32037A	REFRIGERATION & AIR CONDITIONING	18	32	3
14NQ1A0325	RT32038	HEAT TRANSFER LAB	23	47	2
14NQ1A0327	RT32031	OPERATIONS RESEARCH	25	53	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0327	RT32032	INTERACTIVE COMPUTER GRAPHICS	29	32	3
14NQ1A0327	RT32033	DESIGN OF MACHINE MEMBERS II	25	42	3
14NQ1A0327	RT32034	ROBOTICS	27	37	3
14NQ1A0327	RT32035	HEAT TRANSFER	27	24	3
14NQ1A0327	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	31	3
14NQ1A0327	RT32037A	REFRIGERATION & AIR CONDITIONING	24	51	3
14NQ1A0327	RT32038	HEAT TRANSFER LAB	24	45	2
14NQ1A0328	RT32031	OPERATIONS RESEARCH	20	2	0
14NQ1A0328	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	9	0
14NQ1A0328	RT32033	DESIGN OF MACHINE MEMBERS II	21	34	3
14NQ1A0328	RT32034	ROBOTICS	24	42	3
14NQ1A0328	RT32035	HEAT TRANSFER	27	39	3
14NQ1A0328	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	26	3
14NQ1A0328	RT32037A	REFRIGERATION & AIR CONDITIONING	18	2	0
14NQ1A0328	RT32038	HEAT TRANSFER LAB	18	40	2
14NQ1A0330	RT32031	OPERATIONS RESEARCH	24	30	3
14NQ1A0330	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	11	0
14NQ1A0330	RT32033	DESIGN OF MACHINE MEMBERS II	24	24	3
14NQ1A0330	RT32034	ROBOTICS	25	24	3
14NQ1A0330	RT32035	HEAT TRANSFER	26	24	3
14NQ1A0330	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	28	3
14NQ1A0330	RT32037A	REFRIGERATION & AIR CONDITIONING	19	14	0
14NQ1A0330	RT32038	HEAT TRANSFER LAB	24	48	2
14NQ1A0332	RT32031	OPERATIONS RESEARCH	24	26	3
14NQ1A0332	RT32032	INTERACTIVE COMPUTER GRAPHICS	20	7	0
14NQ1A0332	RT32033	DESIGN OF MACHINE MEMBERS II	21	29	3
14NQ1A0332	RT32034	ROBOTICS	25	15	0
14NQ1A0332	RT32035	HEAT TRANSFER	25	24	3
14NQ1A0332	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	24	3
14NQ1A0332	RT32037A	REFRIGERATION & AIR CONDITIONING	22	31	3
14NQ1A0332	RT32038	HEAT TRANSFER LAB	23	48	2
14NQ1A0333	RT32031	OPERATIONS RESEARCH	22	7	0
14NQ1A0333	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	28	3
14NQ1A0333	RT32033	DESIGN OF MACHINE MEMBERS II	24	51	3
14NQ1A0333	RT32034	ROBOTICS	25	33	3
14NQ1A0333	RT32035	HEAT TRANSFER	25	0	0
14NQ1A0333	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	24	3
14NQ1A0333	RT32037A	REFRIGERATION & AIR CONDITIONING	20	34	3
14NQ1A0333	RT32038	HEAT TRANSFER LAB	23	48	2
14NQ1A0334	RT32031	OPERATIONS RESEARCH	17	9	0
14NQ1A0334	RT32032	INTERACTIVE COMPUTER GRAPHICS	17	24	3
14NQ1A0334	RT32033	DESIGN OF MACHINE MEMBERS II	24	42	3
14NQ1A0334	RT32034	ROBOTICS	18	34	3
14NQ1A0334	RT32035	HEAT TRANSFER	22	27	3
14NQ1A0334	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	28	3
14NQ1A0334	RT32037A	REFRIGERATION & AIR CONDITIONING	18	3	0
14NQ1A0334	RT32038	HEAT TRANSFER LAB	23	44	2
14NQ1A0335	RT32031	OPERATIONS RESEARCH	23	24	3
14NQ1A0335	RT32032	INTERACTIVE COMPUTER GRAPHICS	15	16	0
14NQ1A0335	RT32033	DESIGN OF MACHINE MEMBERS II	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0335	RT32034	ROBOTICS	20	3	0
14NQ1A0335	RT32035	HEAT TRANSFER	23	30	3
14NQ1A0335	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	17	11	0
14NQ1A0335	RT32037A	REFRIGERATION & AIR CONDITIONING	21	3	0
14NQ1A0335	RT32038	HEAT TRANSFER LAB	23	46	2
14NQ1A0337	RT32031	OPERATIONS RESEARCH	25	40	3
14NQ1A0337	RT32032	INTERACTIVE COMPUTER GRAPHICS	26	30	3
14NQ1A0337	RT32033	DESIGN OF MACHINE MEMBERS II	23	37	3
14NQ1A0337	RT32034	ROBOTICS	26	28	3
14NQ1A0337	RT32035	HEAT TRANSFER	23	39	3
14NQ1A0337	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	23	36	3
14NQ1A0337	RT32037A	REFRIGERATION & AIR CONDITIONING	17	26	3
14NQ1A0337	RT32038	HEAT TRANSFER LAB	23	46	2
14NQ1A0338	RT32031	OPERATIONS RESEARCH	26	26	3
14NQ1A0338	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	33	3
14NQ1A0338	RT32033	DESIGN OF MACHINE MEMBERS II	25	47	3
14NQ1A0338	RT32034	ROBOTICS	25	31	3
14NQ1A0338	RT32035	HEAT TRANSFER	27	13	0
14NQ1A0338	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	24	3
14NQ1A0338	RT32037A	REFRIGERATION & AIR CONDITIONING	19	54	3
14NQ1A0338	RT32038	HEAT TRANSFER LAB	24	49	2
14NQ1A0340	RT32031	OPERATIONS RESEARCH	23	24	3
14NQ1A0340	RT32032	INTERACTIVE COMPUTER GRAPHICS	23	20	0
14NQ1A0340	RT32033	DESIGN OF MACHINE MEMBERS II	24	42	3
14NQ1A0340	RT32034	ROBOTICS	25	41	3
14NQ1A0340	RT32035	HEAT TRANSFER	23	64	3
14NQ1A0340	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	24	32	3
14NQ1A0340	RT32037A	REFRIGERATION & AIR CONDITIONING	24	24	3
14NQ1A0340	RT32038	HEAT TRANSFER LAB	22	47	2
14NQ1A0341	RT32031	OPERATIONS RESEARCH	19	27	3
14NQ1A0341	RT32032	INTERACTIVE COMPUTER GRAPHICS	21	24	3
14NQ1A0341	RT32033	DESIGN OF MACHINE MEMBERS II	28	30	3
14NQ1A0341	RT32034	ROBOTICS	24	30	3
14NQ1A0341	RT32035	HEAT TRANSFER	22	32	3
14NQ1A0341	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	43	3
14NQ1A0341	RT32037A	REFRIGERATION & AIR CONDITIONING	22	16	0
14NQ1A0341	RT32038	HEAT TRANSFER LAB	20	42	2
14NQ1A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	24	3
14NQ1A0401	RT32042	DIGITAL SIGNAL PROCESSING	20	19	0
14NQ1A0401	RT32043	DIGITAL COMMUNICATIONS	25	37	3
14NQ1A0401	RT32044	MICROWAVE ENGINEERING	24	42	3
14NQ1A0401	RT32045A	BIO MEDICAL ENGINEERING	16	8	0
14NQ1A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
14NQ1A0401	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
14NQ1A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
14NQ1A0401	RT32049	SEMINAR	40	0	1
14NQ1A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	34	3
14NQ1A0402	RT32042	DIGITAL SIGNAL PROCESSING	17	13	0
14NQ1A0402	RT32043	DIGITAL COMMUNICATIONS	16	24	3
14NQ1A0402	RT32044	MICROWAVE ENGINEERING	20	13	0

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0402	RT32045A	BIO MEDICAL ENGINEERING	13	33	3
14NQ1A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	45	2
14NQ1A0402	RT32047	DIGITAL COMMUNICATIONS LAB	20	41	2
14NQ1A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
14NQ1A0402	RT32049	SEMINAR	42	0	1
14NQ1A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	29	3
14NQ1A0403	RT32042	DIGITAL SIGNAL PROCESSING	18	33	3
14NQ1A0403	RT32043	DIGITAL COMMUNICATIONS	25	28	3
14NQ1A0403	RT32044	MICROWAVE ENGINEERING	23	24	3
14NQ1A0403	RT32045A	BIO MEDICAL ENGINEERING	22	12	0
14NQ1A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14NQ1A0403	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
14NQ1A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	47	2
14NQ1A0403	RT32049	SEMINAR	45	0	1
14NQ1A0404	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	28	3
14NQ1A0404	RT32042	DIGITAL SIGNAL PROCESSING	16	35	3
14NQ1A0404	RT32043	DIGITAL COMMUNICATIONS	16	24	3
14NQ1A0404	RT32044	MICROWAVE ENGINEERING	24	32	3
14NQ1A0404	RT32045A	BIO MEDICAL ENGINEERING	18	52	3
14NQ1A0404	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14NQ1A0404	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2
14NQ1A0404	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	45	2
14NQ1A0404	RT32049	SEMINAR	45	0	1
14NQ1A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	27	3
14NQ1A0406	RT32042	DIGITAL SIGNAL PROCESSING	17	24	3
14NQ1A0406	RT32043	DIGITAL COMMUNICATIONS	20	11	0
14NQ1A0406	RT32044	MICROWAVE ENGINEERING	24	42	3
14NQ1A0406	RT32045A	BIO MEDICAL ENGINEERING	19	28	3
14NQ1A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	44	2
14NQ1A0406	RT32047	DIGITAL COMMUNICATIONS LAB	20	44	2
14NQ1A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	45	2
14NQ1A0406	RT32049	SEMINAR	43	0	1
14NQ1A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	45	3
14NQ1A0407	RT32042	DIGITAL SIGNAL PROCESSING	18	29	3
14NQ1A0407	RT32043	DIGITAL COMMUNICATIONS	23	36	3
14NQ1A0407	RT32044	MICROWAVE ENGINEERING	24	14	0
14NQ1A0407	RT32045A	BIO MEDICAL ENGINEERING	21	35	3
14NQ1A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14NQ1A0407	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14NQ1A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
14NQ1A0407	RT32049	SEMINAR	44	0	1
14NQ1A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	27	3
14NQ1A0408	RT32042	DIGITAL SIGNAL PROCESSING	19	42	3
14NQ1A0408	RT32043	DIGITAL COMMUNICATIONS	18	18	0
14NQ1A0408	RT32044	MICROWAVE ENGINEERING	22	12	0
14NQ1A0408	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
14NQ1A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14NQ1A0408	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14NQ1A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
14NQ1A0408	RT32049	SEMINAR	42	0	1

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	36	3
14NQ1A0409	RT32042	DIGITAL SIGNAL PROCESSING	21	34	3
14NQ1A0409	RT32043	DIGITAL COMMUNICATIONS	28	29	3
14NQ1A0409	RT32044	MICROWAVE ENGINEERING	27	36	3
14NQ1A0409	RT32045A	BIO MEDICAL ENGINEERING	21	42	3
14NQ1A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
14NQ1A0409	RT32047	DIGITAL COMMUNICATIONS LAB	22	47	2
14NQ1A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14NQ1A0409	RT32049	SEMINAR	48	0	1
14NQ1A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	35	3
14NQ1A0412	RT32042	DIGITAL SIGNAL PROCESSING	22	35	3
14NQ1A0412	RT32043	DIGITAL COMMUNICATIONS	22	31	3
14NQ1A0412	RT32044	MICROWAVE ENGINEERING	21	17	0
14NQ1A0412	RT32045A	BIO MEDICAL ENGINEERING	17	14	0
14NQ1A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14NQ1A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
14NQ1A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
14NQ1A0412	RT32049	SEMINAR	45	0	1
14NQ1A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	33	3
14NQ1A0413	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
14NQ1A0413	RT32043	DIGITAL COMMUNICATIONS	28	32	3
14NQ1A0413	RT32044	MICROWAVE ENGINEERING	22	15	0
14NQ1A0413	RT32045A	BIO MEDICAL ENGINEERING	20	29	3
14NQ1A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14NQ1A0413	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14NQ1A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14NQ1A0413	RT32049	SEMINAR	46	0	1
14NQ1A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	32	3
14NQ1A0414	RT32042	DIGITAL SIGNAL PROCESSING	20	34	3
14NQ1A0414	RT32043	DIGITAL COMMUNICATIONS	20	27	3
14NQ1A0414	RT32044	MICROWAVE ENGINEERING	20	8	0
14NQ1A0414	RT32045A	BIO MEDICAL ENGINEERING	19	24	3
14NQ1A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
14NQ1A0414	RT32047	DIGITAL COMMUNICATIONS LAB	23	46	2
14NQ1A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
14NQ1A0414	RT32049	SEMINAR	44	0	1
14NQ1A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
14NQ1A0416	RT32042	DIGITAL SIGNAL PROCESSING	21	36	3
14NQ1A0416	RT32043	DIGITAL COMMUNICATIONS	20	32	3
14NQ1A0416	RT32044	MICROWAVE ENGINEERING	24	31	3
14NQ1A0416	RT32045A	BIO MEDICAL ENGINEERING	19	38	3
14NQ1A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	47	2
14NQ1A0416	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
14NQ1A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14NQ1A0416	RT32049	SEMINAR	43	0	1
14NQ1A0417	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	39	3
14NQ1A0417	RT32042	DIGITAL SIGNAL PROCESSING	25	31	3
14NQ1A0417	RT32043	DIGITAL COMMUNICATIONS	27	41	3
14NQ1A0417	RT32044	MICROWAVE ENGINEERING	26	24	3
14NQ1A0417	RT32045A	BIO MEDICAL ENGINEERING	19	30	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0417	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
14NQ1A0417	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14NQ1A0417	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0417	RT32049	SEMINAR	47	0	1
14NQ1A0419	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	21	0
14NQ1A0419	RT32042	DIGITAL SIGNAL PROCESSING	20	12	0
14NQ1A0419	RT32043	DIGITAL COMMUNICATIONS	24	12	0
14NQ1A0419	RT32044	MICROWAVE ENGINEERING	19	11	0
14NQ1A0419	RT32045A	BIO MEDICAL ENGINEERING	20	21	0
14NQ1A0419	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	42	2
14NQ1A0419	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
14NQ1A0419	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	42	2
14NQ1A0419	RT32049	SEMINAR	40	0	1
14NQ1A0420	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	34	3
14NQ1A0420	RT32042	DIGITAL SIGNAL PROCESSING	20	18	0
14NQ1A0420	RT32043	DIGITAL COMMUNICATIONS	23	31	3
14NQ1A0420	RT32044	MICROWAVE ENGINEERING	24	24	3
14NQ1A0420	RT32045A	BIO MEDICAL ENGINEERING	24	37	3
14NQ1A0420	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14NQ1A0420	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14NQ1A0420	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14NQ1A0420	RT32049	SEMINAR	47	0	1
14NQ1A0421	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	22	32	3
14NQ1A0421	RT32042	DIGITAL SIGNAL PROCESSING	17	33	3
14NQ1A0421	RT32043	DIGITAL COMMUNICATIONS	20	17	0
14NQ1A0421	RT32044	MICROWAVE ENGINEERING	21	38	3
14NQ1A0421	RT32045A	BIO MEDICAL ENGINEERING	22	30	3
14NQ1A0421	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14NQ1A0421	RT32047	DIGITAL COMMUNICATIONS LAB	21	43	2
14NQ1A0421	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14NQ1A0421	RT32049	SEMINAR	46	0	1
14NQ1A0422	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	18	0
14NQ1A0422	RT32042	DIGITAL SIGNAL PROCESSING	19	24	3
14NQ1A0422	RT32043	DIGITAL COMMUNICATIONS	17	31	3
14NQ1A0422	RT32044	MICROWAVE ENGINEERING	18	31	3
14NQ1A0422	RT32045A	BIO MEDICAL ENGINEERING	18	16	0
14NQ1A0422	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14NQ1A0422	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
14NQ1A0422	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	46	2
14NQ1A0422	RT32049	SEMINAR	42	0	1
14NQ1A0423	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	29	3
14NQ1A0423	RT32042	DIGITAL SIGNAL PROCESSING	22	31	3
14NQ1A0423	RT32043	DIGITAL COMMUNICATIONS	25	27	3
14NQ1A0423	RT32044	MICROWAVE ENGINEERING	21	24	3
14NQ1A0423	RT32045A	BIO MEDICAL ENGINEERING	20	24	3
14NQ1A0423	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
14NQ1A0423	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14NQ1A0423	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
14NQ1A0423	RT32049	SEMINAR	45	0	1
14NQ1A0424	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	24	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0424	RT32042	DIGITAL SIGNAL PROCESSING	26	30	3
14NQ1A0424	RT32043	DIGITAL COMMUNICATIONS	30	43	3
14NQ1A0424	RT32044	MICROWAVE ENGINEERING	24	17	0
14NQ1A0424	RT32045A	BIO MEDICAL ENGINEERING	21	31	3
14NQ1A0424	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	46	2
14NQ1A0424	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
14NQ1A0424	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14NQ1A0424	RT32049	SEMINAR	45	0	1
14NQ1A0425	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	42	3
14NQ1A0425	RT32042	DIGITAL SIGNAL PROCESSING	27	34	3
14NQ1A0425	RT32043	DIGITAL COMMUNICATIONS	29	42	3
14NQ1A0425	RT32044	MICROWAVE ENGINEERING	28	38	3
14NQ1A0425	RT32045A	BIO MEDICAL ENGINEERING	24	33	3
14NQ1A0425	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14NQ1A0425	RT32047	DIGITAL COMMUNICATIONS LAB	25	50	2
14NQ1A0425	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0425	RT32049	SEMINAR	49	0	1
14NQ1A0426	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	40	3
14NQ1A0426	RT32042	DIGITAL SIGNAL PROCESSING	23	35	3
14NQ1A0426	RT32043	DIGITAL COMMUNICATIONS	27	54	3
14NQ1A0426	RT32044	MICROWAVE ENGINEERING	25	31	3
14NQ1A0426	RT32045A	BIO MEDICAL ENGINEERING	23	30	3
14NQ1A0426	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14NQ1A0426	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14NQ1A0426	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0426	RT32049	SEMINAR	49	0	1
14NQ1A0427	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	30	47	3
14NQ1A0427	RT32042	DIGITAL SIGNAL PROCESSING	23	43	3
14NQ1A0427	RT32043	DIGITAL COMMUNICATIONS	29	41	3
14NQ1A0427	RT32044	MICROWAVE ENGINEERING	26	28	3
14NQ1A0427	RT32045A	BIO MEDICAL ENGINEERING	24	32	3
14NQ1A0427	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14NQ1A0427	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14NQ1A0427	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0427	RT32049	SEMINAR	49	0	1
14NQ1A0428	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	25	3
14NQ1A0428	RT32042	DIGITAL SIGNAL PROCESSING	18	24	3
14NQ1A0428	RT32043	DIGITAL COMMUNICATIONS	19	38	3
14NQ1A0428	RT32044	MICROWAVE ENGINEERING	18	24	3
14NQ1A0428	RT32045A	BIO MEDICAL ENGINEERING	19	30	3
14NQ1A0428	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
14NQ1A0428	RT32047	DIGITAL COMMUNICATIONS LAB	20	46	2
14NQ1A0428	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
14NQ1A0428	RT32049	SEMINAR	46	0	1
14NQ1A0430	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	24	3
14NQ1A0430	RT32042	DIGITAL SIGNAL PROCESSING	19	30	3
14NQ1A0430	RT32043	DIGITAL COMMUNICATIONS	21	34	3
14NQ1A0430	RT32044	MICROWAVE ENGINEERING	20	33	3
14NQ1A0430	RT32045A	BIO MEDICAL ENGINEERING	21	33	3
14NQ1A0430	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0430	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
14NQ1A0430	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14NQ1A0430	RT32049	SEMINAR	45	0	1
14NQ1A0431	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	18	0
14NQ1A0431	RT32042	DIGITAL SIGNAL PROCESSING	22	40	3
14NQ1A0431	RT32043	DIGITAL COMMUNICATIONS	23	34	3
14NQ1A0431	RT32044	MICROWAVE ENGINEERING	27	43	3
14NQ1A0431	RT32045A	BIO MEDICAL ENGINEERING	24	28	3
14NQ1A0431	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14NQ1A0431	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14NQ1A0431	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
14NQ1A0431	RT32049	SEMINAR	48	0	1
14NQ1A0432	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	16	0
14NQ1A0432	RT32042	DIGITAL SIGNAL PROCESSING	17	6	0
14NQ1A0432	RT32043	DIGITAL COMMUNICATIONS	21	36	3
14NQ1A0432	RT32044	MICROWAVE ENGINEERING	19	-1	0
14NQ1A0432	RT32045A	BIO MEDICAL ENGINEERING	19	0	0
14NQ1A0432	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
14NQ1A0432	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
14NQ1A0432	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
14NQ1A0432	RT32049	SEMINAR	42	0	1
14NQ1A0433	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	34	3
14NQ1A0433	RT32042	DIGITAL SIGNAL PROCESSING	21	24	3
14NQ1A0433	RT32043	DIGITAL COMMUNICATIONS	23	41	3
14NQ1A0433	RT32044	MICROWAVE ENGINEERING	22	33	3
14NQ1A0433	RT32045A	BIO MEDICAL ENGINEERING	25	44	3
14NQ1A0433	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14NQ1A0433	RT32047	DIGITAL COMMUNICATIONS LAB	22	45	2
14NQ1A0433	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	46	2
14NQ1A0433	RT32049	SEMINAR	45	0	1
14NQ1A0434	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	44	3
14NQ1A0434	RT32042	DIGITAL SIGNAL PROCESSING	20	36	3
14NQ1A0434	RT32043	DIGITAL COMMUNICATIONS	24	36	3
14NQ1A0434	RT32044	MICROWAVE ENGINEERING	27	44	3
14NQ1A0434	RT32045A	BIO MEDICAL ENGINEERING	22	33	3
14NQ1A0434	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	42	2
14NQ1A0434	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14NQ1A0434	RT32048	DIGITAL SIGNAL PROCESSING LAB	20	42	2
14NQ1A0434	RT32049	SEMINAR	46	0	1
14NQ1A0436	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	36	3
14NQ1A0436	RT32042	DIGITAL SIGNAL PROCESSING	22	38	3
14NQ1A0436	RT32043	DIGITAL COMMUNICATIONS	27	46	3
14NQ1A0436	RT32044	MICROWAVE ENGINEERING	25	35	3
14NQ1A0436	RT32045A	BIO MEDICAL ENGINEERING	23	40	3
14NQ1A0436	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	47	2
14NQ1A0436	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14NQ1A0436	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14NQ1A0436	RT32049	SEMINAR	45	0	1
14NQ1A0437	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	47	3
14NQ1A0437	RT32042	DIGITAL SIGNAL PROCESSING	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0437	RT32043	DIGITAL COMMUNICATIONS	27	29	3
14NQ1A0437	RT32044	MICROWAVE ENGINEERING	25	26	3
14NQ1A0437	RT32045A	BIO MEDICAL ENGINEERING	19	37	3
14NQ1A0437	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
14NQ1A0437	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
14NQ1A0437	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
14NQ1A0437	RT32049	SEMINAR	43	0	1
14NQ1A0438	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	37	3
14NQ1A0438	RT32042	DIGITAL SIGNAL PROCESSING	24	54	3
14NQ1A0438	RT32043	DIGITAL COMMUNICATIONS	28	59	3
14NQ1A0438	RT32044	MICROWAVE ENGINEERING	27	46	3
14NQ1A0438	RT32045A	BIO MEDICAL ENGINEERING	25	52	3
14NQ1A0438	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	49	2
14NQ1A0438	RT32047	DIGITAL COMMUNICATIONS LAB	24	50	2
14NQ1A0438	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0438	RT32049	SEMINAR	48	0	1
14NQ1A0439	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	29	36	3
14NQ1A0439	RT32042	DIGITAL SIGNAL PROCESSING	25	38	3
14NQ1A0439	RT32043	DIGITAL COMMUNICATIONS	27	29	3
14NQ1A0439	RT32044	MICROWAVE ENGINEERING	27	33	3
14NQ1A0439	RT32045A	BIO MEDICAL ENGINEERING	24	40	3
14NQ1A0439	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
14NQ1A0439	RT32047	DIGITAL COMMUNICATIONS LAB	23	48	2
14NQ1A0439	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0439	RT32049	SEMINAR	48	0	1
14NQ1A0440	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	25	3
14NQ1A0440	RT32042	DIGITAL SIGNAL PROCESSING	19	36	3
14NQ1A0440	RT32043	DIGITAL COMMUNICATIONS	26	31	3
14NQ1A0440	RT32044	MICROWAVE ENGINEERING	22	36	3
14NQ1A0440	RT32045A	BIO MEDICAL ENGINEERING	19	28	3
14NQ1A0440	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
14NQ1A0440	RT32047	DIGITAL COMMUNICATIONS LAB	22	46	2
14NQ1A0440	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0440	RT32049	SEMINAR	45	0	1
14NQ1A0441	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	52	3
14NQ1A0441	RT32042	DIGITAL SIGNAL PROCESSING	23	31	3
14NQ1A0441	RT32043	DIGITAL COMMUNICATIONS	24	42	3
14NQ1A0441	RT32044	MICROWAVE ENGINEERING	23	29	3
14NQ1A0441	RT32045A	BIO MEDICAL ENGINEERING	23	26	3
14NQ1A0441	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14NQ1A0441	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
14NQ1A0441	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0441	RT32049	SEMINAR	43	0	1
14NQ1A0442	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	25	3
14NQ1A0442	RT32042	DIGITAL SIGNAL PROCESSING	17	17	0
14NQ1A0442	RT32043	DIGITAL COMMUNICATIONS	26	39	3
14NQ1A0442	RT32044	MICROWAVE ENGINEERING	22	16	0
14NQ1A0442	RT32045A	BIO MEDICAL ENGINEERING	23	31	3
14NQ1A0442	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14NQ1A0442	RT32047	DIGITAL COMMUNICATIONS LAB	21	44	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0442	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	47	2
14NQ1A0442	RT32049	SEMINAR	45	0	1
14NQ1A0443	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	27	3
14NQ1A0443	RT32042	DIGITAL SIGNAL PROCESSING	17	27	3
14NQ1A0443	RT32043	DIGITAL COMMUNICATIONS	22	28	3
14NQ1A0443	RT32044	MICROWAVE ENGINEERING	18	19	0
14NQ1A0443	RT32045A	BIO MEDICAL ENGINEERING	17	24	3
14NQ1A0443	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	-1	0
14NQ1A0443	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
14NQ1A0443	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	44	2
14NQ1A0443	RT32049	SEMINAR	43	0	1
14NQ1A0444	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
14NQ1A0444	RT32042	DIGITAL SIGNAL PROCESSING	19	10	0
14NQ1A0444	RT32043	DIGITAL COMMUNICATIONS	20	30	3
14NQ1A0444	RT32044	MICROWAVE ENGINEERING	23	30	3
14NQ1A0444	RT32045A	BIO MEDICAL ENGINEERING	22	28	3
14NQ1A0444	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	48	2
14NQ1A0444	RT32047	DIGITAL COMMUNICATIONS LAB	21	45	2
14NQ1A0444	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
14NQ1A0444	RT32049	SEMINAR	48	0	1
14NQ1A0445	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	17	0
14NQ1A0445	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
14NQ1A0445	RT32043	DIGITAL COMMUNICATIONS	23	24	3
14NQ1A0445	RT32044	MICROWAVE ENGINEERING	25	17	0
14NQ1A0445	RT32045A	BIO MEDICAL ENGINEERING	22	24	3
14NQ1A0445	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
14NQ1A0445	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
14NQ1A0445	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	43	2
14NQ1A0445	RT32049	SEMINAR	42	0	1
14NQ1A0446	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	30	3
14NQ1A0446	RT32042	DIGITAL SIGNAL PROCESSING	24	49	3
14NQ1A0446	RT32043	DIGITAL COMMUNICATIONS	28	36	3
14NQ1A0446	RT32044	MICROWAVE ENGINEERING	27	34	3
14NQ1A0446	RT32045A	BIO MEDICAL ENGINEERING	23	30	3
14NQ1A0446	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
14NQ1A0446	RT32047	DIGITAL COMMUNICATIONS LAB	23	45	2
14NQ1A0446	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
14NQ1A0446	RT32049	SEMINAR	49	0	1
14NQ1A0447	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	24	3
14NQ1A0447	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
14NQ1A0447	RT32043	DIGITAL COMMUNICATIONS	23	28	3
14NQ1A0447	RT32044	MICROWAVE ENGINEERING	21	24	3
14NQ1A0447	RT32045A	BIO MEDICAL ENGINEERING	19	31	3
14NQ1A0447	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
14NQ1A0447	RT32047	DIGITAL COMMUNICATIONS LAB	21	42	2
14NQ1A0447	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	47	2
14NQ1A0447	RT32049	SEMINAR	45	0	1
14NQ1A0448	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	4	0
14NQ1A0448	RT32042	DIGITAL SIGNAL PROCESSING	17	8	0
14NQ1A0448	RT32043	DIGITAL COMMUNICATIONS	19	0	0

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0448	RT32044	MICROWAVE ENGINEERING	19	29	3
14NQ1A0448	RT32045A	BIO MEDICAL ENGINEERING	23	11	0
14NQ1A0448	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	46	2
14NQ1A0448	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
14NQ1A0448	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	46	2
14NQ1A0448	RT32049	SEMINAR	45	0	1
14NQ1A0501	RT32051	SOFTWARE ENGINEERING	28	30	3
14NQ1A0501	RT32052	DATA WARE HOUSING AND MINING	28	24	3
14NQ1A0501	RT32053	COMPUTER NETWORKS	27	16	0
14NQ1A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	37	3
14NQ1A0501	RT32055	WEB TECHNOLOGIES	25	24	3
14NQ1A0501	RT32056	IPR AND PATENTS	26	29	2
14NQ1A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	48	2
14NQ1A0501	RT32058	SOFTWARE ENGINEERING LAB	23	47	2
14NQ1A0501	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0502	RT32051	SOFTWARE ENGINEERING	27	31	3
14NQ1A0502	RT32052	DATA WARE HOUSING AND MINING	25	24	3
14NQ1A0502	RT32053	COMPUTER NETWORKS	27	24	3
14NQ1A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	28	3
14NQ1A0502	RT32055	WEB TECHNOLOGIES	29	18	0
14NQ1A0502	RT32056	IPR AND PATENTS	26	44	2
14NQ1A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14NQ1A0502	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
14NQ1A0502	RT32059	WEB TECHNOLOGIES LAB	24	47	2
14NQ1A0503	RT32051	SOFTWARE ENGINEERING	27	40	3
14NQ1A0503	RT32052	DATA WARE HOUSING AND MINING	26	35	3
14NQ1A0503	RT32053	COMPUTER NETWORKS	28	41	3
14NQ1A0503	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	41	3
14NQ1A0503	RT32055	WEB TECHNOLOGIES	27	33	3
14NQ1A0503	RT32056	IPR AND PATENTS	27	35	2
14NQ1A0503	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14NQ1A0503	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0503	RT32059	WEB TECHNOLOGIES LAB	24	47	2
14NQ1A0504	RT32051	SOFTWARE ENGINEERING	18	9	0
14NQ1A0504	RT32052	DATA WARE HOUSING AND MINING	22	35	3
14NQ1A0504	RT32053	COMPUTER NETWORKS	22	31	3
14NQ1A0504	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	24	3
14NQ1A0504	RT32055	WEB TECHNOLOGIES	21	26	3
14NQ1A0504	RT32056	IPR AND PATENTS	22	33	2
14NQ1A0504	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14NQ1A0504	RT32058	SOFTWARE ENGINEERING LAB	24	45	2
14NQ1A0504	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14NQ1A0505	RT32051	SOFTWARE ENGINEERING	29	34	3
14NQ1A0505	RT32052	DATA WARE HOUSING AND MINING	24	24	3
14NQ1A0505	RT32053	COMPUTER NETWORKS	27	12	0
14NQ1A0505	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	36	3
14NQ1A0505	RT32055	WEB TECHNOLOGIES	28	26	3
14NQ1A0505	RT32056	IPR AND PATENTS	19	24	2
14NQ1A0505	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	46	2
14NQ1A0505	RT32058	SOFTWARE ENGINEERING LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0505	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0507	RT32051	SOFTWARE ENGINEERING	15	39	3
14NQ1A0507	RT32052	DATA WARE HOUSING AND MINING	21	16	0
14NQ1A0507	RT32053	COMPUTER NETWORKS	23	28	3
14NQ1A0507	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	29	24	3
14NQ1A0507	RT32055	WEB TECHNOLOGIES	23	14	0
14NQ1A0507	RT32056	IPR AND PATENTS	20	38	2
14NQ1A0507	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
14NQ1A0507	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
14NQ1A0507	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14NQ1A0508	RT32051	SOFTWARE ENGINEERING	29	24	3
14NQ1A0508	RT32052	DATA WARE HOUSING AND MINING	29	46	3
14NQ1A0508	RT32053	COMPUTER NETWORKS	28	34	3
14NQ1A0508	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	30	3
14NQ1A0508	RT32055	WEB TECHNOLOGIES	21	32	3
14NQ1A0508	RT32056	IPR AND PATENTS	22	40	2
14NQ1A0508	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14NQ1A0508	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0508	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0509	RT32051	SOFTWARE ENGINEERING	29	41	3
14NQ1A0509	RT32052	DATA WARE HOUSING AND MINING	28	42	3
14NQ1A0509	RT32053	COMPUTER NETWORKS	27	40	3
14NQ1A0509	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	33	3
14NQ1A0509	RT32055	WEB TECHNOLOGIES	27	29	3
14NQ1A0509	RT32056	IPR AND PATENTS	21	44	2
14NQ1A0509	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14NQ1A0509	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0509	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14NQ1A0510	RT32051	SOFTWARE ENGINEERING	22	37	3
14NQ1A0510	RT32052	DATA WARE HOUSING AND MINING	23	13	0
14NQ1A0510	RT32053	COMPUTER NETWORKS	22	24	3
14NQ1A0510	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	19	36	3
14NQ1A0510	RT32055	WEB TECHNOLOGIES	26	26	3
14NQ1A0510	RT32056	IPR AND PATENTS	23	39	2
14NQ1A0510	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
14NQ1A0510	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
14NQ1A0510	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14NQ1A0511	RT32051	SOFTWARE ENGINEERING	29	24	3
14NQ1A0511	RT32052	DATA WARE HOUSING AND MINING	24	16	0
14NQ1A0511	RT32053	COMPUTER NETWORKS	25	24	3
14NQ1A0511	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	18	0
14NQ1A0511	RT32055	WEB TECHNOLOGIES	27	10	0
14NQ1A0511	RT32056	IPR AND PATENTS	24	41	2
14NQ1A0511	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	45	2
14NQ1A0511	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14NQ1A0511	RT32059	WEB TECHNOLOGIES LAB	23	44	2
14NQ1A0512	RT32051	SOFTWARE ENGINEERING	24	16	0
14NQ1A0512	RT32052	DATA WARE HOUSING AND MINING	26	35	3
14NQ1A0512	RT32053	COMPUTER NETWORKS	23	39	3
14NQ1A0512	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	24	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0512	RT32055	WEB TECHNOLOGIES	25	31	3
14NQ1A0512	RT32056	IPR AND PATENTS	21	41	2
14NQ1A0512	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
14NQ1A0512	RT32058	SOFTWARE ENGINEERING LAB	24	47	2
14NQ1A0512	RT32059	WEB TECHNOLOGIES LAB	24	47	2
14NQ1A0514	RT32051	SOFTWARE ENGINEERING	23	30	3
14NQ1A0514	RT32052	DATA WARE HOUSING AND MINING	26	37	3
14NQ1A0514	RT32053	COMPUTER NETWORKS	26	24	3
14NQ1A0514	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	29	3
14NQ1A0514	RT32055	WEB TECHNOLOGIES	25	12	0
14NQ1A0514	RT32056	IPR AND PATENTS	20	24	2
14NQ1A0514	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
14NQ1A0514	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
14NQ1A0514	RT32059	WEB TECHNOLOGIES LAB	22	45	2
14NQ1A0515	RT32051	SOFTWARE ENGINEERING	18	31	3
14NQ1A0515	RT32052	DATA WARE HOUSING AND MINING	20	13	0
14NQ1A0515	RT32053	COMPUTER NETWORKS	23	12	0
14NQ1A0515	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	38	3
14NQ1A0515	RT32055	WEB TECHNOLOGIES	25	32	3
14NQ1A0515	RT32056	IPR AND PATENTS	19	35	2
14NQ1A0515	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	43	2
14NQ1A0515	RT32058	SOFTWARE ENGINEERING LAB	21	44	2
14NQ1A0515	RT32059	WEB TECHNOLOGIES LAB	21	42	2
14NQ1A0516	RT32051	SOFTWARE ENGINEERING	14	18	0
14NQ1A0516	RT32052	DATA WARE HOUSING AND MINING	17	9	0
14NQ1A0516	RT32053	COMPUTER NETWORKS	17	14	0
14NQ1A0516	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	23	12	0
14NQ1A0516	RT32055	WEB TECHNOLOGIES	21	6	0
14NQ1A0516	RT32056	IPR AND PATENTS	18	44	2
14NQ1A0516	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	40	2
14NQ1A0516	RT32058	SOFTWARE ENGINEERING LAB	20	40	2
14NQ1A0516	RT32059	WEB TECHNOLOGIES LAB	18	37	2
14NQ1A0517	RT32051	SOFTWARE ENGINEERING	21	13	0
14NQ1A0517	RT32052	DATA WARE HOUSING AND MINING	20	16	0
14NQ1A0517	RT32053	COMPUTER NETWORKS	21	13	0
14NQ1A0517	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	15	16	0
14NQ1A0517	RT32055	WEB TECHNOLOGIES	26	11	0
14NQ1A0517	RT32056	IPR AND PATENTS	20	21	0
14NQ1A0517	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14NQ1A0517	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14NQ1A0517	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14NQ1A0518	RT32051	SOFTWARE ENGINEERING	29	62	3
14NQ1A0518	RT32052	DATA WARE HOUSING AND MINING	28	54	3
14NQ1A0518	RT32053	COMPUTER NETWORKS	28	44	3
14NQ1A0518	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	34	3
14NQ1A0518	RT32055	WEB TECHNOLOGIES	28	31	3
14NQ1A0518	RT32056	IPR AND PATENTS	21	42	2
14NQ1A0518	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	50	2
14NQ1A0518	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
14NQ1A0518	RT32059	WEB TECHNOLOGIES LAB	24	50	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0519	RT32051	SOFTWARE ENGINEERING	24	26	3
14NQ1A0519	RT32052	DATA WARE HOUSING AND MINING	24	14	0
14NQ1A0519	RT32053	COMPUTER NETWORKS	26	17	0
14NQ1A0519	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	34	3
14NQ1A0519	RT32055	WEB TECHNOLOGIES	25	37	3
14NQ1A0519	RT32056	IPR AND PATENTS	24	30	2
14NQ1A0519	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	48	2
14NQ1A0519	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
14NQ1A0519	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14NQ1A0520	RT32051	SOFTWARE ENGINEERING	25	39	3
14NQ1A0520	RT32052	DATA WARE HOUSING AND MINING	24	19	0
14NQ1A0520	RT32053	COMPUTER NETWORKS	26	35	3
14NQ1A0520	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
14NQ1A0520	RT32055	WEB TECHNOLOGIES	27	30	3
14NQ1A0520	RT32056	IPR AND PATENTS	21	54	2
14NQ1A0520	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
14NQ1A0520	RT32058	SOFTWARE ENGINEERING LAB	22	45	2
14NQ1A0520	RT32059	WEB TECHNOLOGIES LAB	23	44	2
14NQ1A0521	RT32051	SOFTWARE ENGINEERING	21	17	0
14NQ1A0521	RT32052	DATA WARE HOUSING AND MINING	22	24	3
14NQ1A0521	RT32053	COMPUTER NETWORKS	22	27	3
14NQ1A0521	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
14NQ1A0521	RT32055	WEB TECHNOLOGIES	27	27	3
14NQ1A0521	RT32056	IPR AND PATENTS	20	31	2
14NQ1A0521	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
14NQ1A0521	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14NQ1A0521	RT32059	WEB TECHNOLOGIES LAB	22	45	2
14NQ1A0522	RT32051	SOFTWARE ENGINEERING	27	32	3
14NQ1A0522	RT32052	DATA WARE HOUSING AND MINING	23	52	3
14NQ1A0522	RT32053	COMPUTER NETWORKS	27	39	3
14NQ1A0522	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	39	3
14NQ1A0522	RT32055	WEB TECHNOLOGIES	27	27	3
14NQ1A0522	RT32056	IPR AND PATENTS	24	39	2
14NQ1A0522	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14NQ1A0522	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0522	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0523	RT32051	SOFTWARE ENGINEERING	16	25	3
14NQ1A0523	RT32052	DATA WARE HOUSING AND MINING	21	7	0
14NQ1A0523	RT32053	COMPUTER NETWORKS	19	17	0
14NQ1A0523	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	15	0
14NQ1A0523	RT32055	WEB TECHNOLOGIES	24	19	0
14NQ1A0523	RT32056	IPR AND PATENTS	21	9	0
14NQ1A0523	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	45	2
14NQ1A0523	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14NQ1A0523	RT32059	WEB TECHNOLOGIES LAB	23	44	2
14NQ1A0524	RT32051	SOFTWARE ENGINEERING	23	37	3
14NQ1A0524	RT32052	DATA WARE HOUSING AND MINING	26	35	3
14NQ1A0524	RT32053	COMPUTER NETWORKS	27	32	3
14NQ1A0524	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	37	3
14NQ1A0524	RT32055	WEB TECHNOLOGIES	25	27	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0524	RT32056	IPR AND PATENTS	18	53	2
14NQ1A0524	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14NQ1A0524	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14NQ1A0524	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0525	RT32051	SOFTWARE ENGINEERING	16	10	0
14NQ1A0525	RT32052	DATA WARE HOUSING AND MINING	22	16	0
14NQ1A0525	RT32053	COMPUTER NETWORKS	21	18	0
14NQ1A0525	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	24	3
14NQ1A0525	RT32055	WEB TECHNOLOGIES	27	12	0
14NQ1A0525	RT32056	IPR AND PATENTS	23	28	2
14NQ1A0525	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	46	2
14NQ1A0525	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14NQ1A0525	RT32059	WEB TECHNOLOGIES LAB	24	47	2
14NQ1A0526	RT32051	SOFTWARE ENGINEERING	27	35	3
14NQ1A0526	RT32052	DATA WARE HOUSING AND MINING	27	52	3
14NQ1A0526	RT32053	COMPUTER NETWORKS	26	39	3
14NQ1A0526	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	35	3
14NQ1A0526	RT32055	WEB TECHNOLOGIES	23	27	3
14NQ1A0526	RT32056	IPR AND PATENTS	21	40	2
14NQ1A0526	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14NQ1A0526	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0526	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0527	RT32051	SOFTWARE ENGINEERING	20	25	3
14NQ1A0527	RT32052	DATA WARE HOUSING AND MINING	20	4	0
14NQ1A0527	RT32053	COMPUTER NETWORKS	24	16	0
14NQ1A0527	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	15	0
14NQ1A0527	RT32055	WEB TECHNOLOGIES	25	8	0
14NQ1A0527	RT32056	IPR AND PATENTS	19	26	2
14NQ1A0527	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14NQ1A0527	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
14NQ1A0527	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14NQ1A0528	RT32051	SOFTWARE ENGINEERING	12	32	3
14NQ1A0528	RT32052	DATA WARE HOUSING AND MINING	20	9	0
14NQ1A0528	RT32053	COMPUTER NETWORKS	16	14	0
14NQ1A0528	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	17	28	3
14NQ1A0528	RT32055	WEB TECHNOLOGIES	23	4	0
14NQ1A0528	RT32056	IPR AND PATENTS	20	38	2
14NQ1A0528	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	44	2
14NQ1A0528	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
14NQ1A0528	RT32059	WEB TECHNOLOGIES LAB	22	42	2
14NQ1A0532	RT32051	SOFTWARE ENGINEERING	22	16	0
14NQ1A0532	RT32052	DATA WARE HOUSING AND MINING	22	25	3
14NQ1A0532	RT32053	COMPUTER NETWORKS	25	32	3
14NQ1A0532	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	28	3
14NQ1A0532	RT32055	WEB TECHNOLOGIES	28	31	3
14NQ1A0532	RT32056	IPR AND PATENTS	21	39	2
14NQ1A0532	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14NQ1A0532	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14NQ1A0532	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14NQ1A0533	RT32051	SOFTWARE ENGINEERING	29	38	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0533	RT32052	DATA WARE HOUSING AND MINING	26	44	3
14NQ1A0533	RT32053	COMPUTER NETWORKS	26	43	3
14NQ1A0533	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	44	3
14NQ1A0533	RT32055	WEB TECHNOLOGIES	27	27	3
14NQ1A0533	RT32056	IPR AND PATENTS	24	39	2
14NQ1A0533	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
14NQ1A0533	RT32058	SOFTWARE ENGINEERING LAB	24	49	2
14NQ1A0533	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14NQ1A0534	RT32051	SOFTWARE ENGINEERING	26	32	3
14NQ1A0534	RT32052	DATA WARE HOUSING AND MINING	25	24	3
14NQ1A0534	RT32053	COMPUTER NETWORKS	22	17	0
14NQ1A0534	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	38	3
14NQ1A0534	RT32055	WEB TECHNOLOGIES	26	31	3
14NQ1A0534	RT32056	IPR AND PATENTS	25	41	2
14NQ1A0534	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	48	2
14NQ1A0534	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0534	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14NQ1A0536	RT32051	SOFTWARE ENGINEERING	14	30	3
14NQ1A0536	RT32052	DATA WARE HOUSING AND MINING	14	16	0
14NQ1A0536	RT32053	COMPUTER NETWORKS	21	16	0
14NQ1A0536	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	18	9	0
14NQ1A0536	RT32055	WEB TECHNOLOGIES	23	5	0
14NQ1A0536	RT32056	IPR AND PATENTS	18	53	2
14NQ1A0536	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	42	2
14NQ1A0536	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
14NQ1A0536	RT32059	WEB TECHNOLOGIES LAB	22	40	2
14NQ1A0537	RT32051	SOFTWARE ENGINEERING	27	46	3
14NQ1A0537	RT32052	DATA WARE HOUSING AND MINING	27	38	3
14NQ1A0537	RT32053	COMPUTER NETWORKS	27	39	3
14NQ1A0537	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	28	46	3
14NQ1A0537	RT32055	WEB TECHNOLOGIES	29	40	3
14NQ1A0537	RT32056	IPR AND PATENTS	28	35	2
14NQ1A0537	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	48	2
14NQ1A0537	RT32058	SOFTWARE ENGINEERING LAB	25	50	2
14NQ1A0537	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14NQ1A0538	RT32051	SOFTWARE ENGINEERING	15	26	3
14NQ1A0538	RT32052	DATA WARE HOUSING AND MINING	23	44	3
14NQ1A0538	RT32053	COMPUTER NETWORKS	17	25	3
14NQ1A0538	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	17	0
14NQ1A0538	RT32055	WEB TECHNOLOGIES	23	14	0
14NQ1A0538	RT32056	IPR AND PATENTS	23	24	2
14NQ1A0538	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
14NQ1A0538	RT32058	SOFTWARE ENGINEERING LAB	22	47	2
14NQ1A0538	RT32059	WEB TECHNOLOGIES LAB	23	47	2
14NQ1A0539	RT32051	SOFTWARE ENGINEERING	16	15	0
14NQ1A0539	RT32052	DATA WARE HOUSING AND MINING	20	0	0
14NQ1A0539	RT32053	COMPUTER NETWORKS	18	7	0
14NQ1A0539	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	15	0
14NQ1A0539	RT32055	WEB TECHNOLOGIES	20	7	0
14NQ1A0539	RT32056	IPR AND PATENTS	19	14	0

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0539	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14NQ1A0539	RT32058	SOFTWARE ENGINEERING LAB	22	43	2
14NQ1A0539	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14NQ1A0540	RT32051	SOFTWARE ENGINEERING	23	40	3
14NQ1A0540	RT32052	DATA WARE HOUSING AND MINING	23	17	0
14NQ1A0540	RT32053	COMPUTER NETWORKS	27	28	3
14NQ1A0540	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
14NQ1A0540	RT32055	WEB TECHNOLOGIES	22	27	3
14NQ1A0540	RT32056	IPR AND PATENTS	18	38	2
14NQ1A0540	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
14NQ1A0540	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14NQ1A0540	RT32059	WEB TECHNOLOGIES LAB	22	44	2
14NQ1A0541	RT32051	SOFTWARE ENGINEERING	18	34	3
14NQ1A0541	RT32052	DATA WARE HOUSING AND MINING	21	24	3
14NQ1A0541	RT32053	COMPUTER NETWORKS	21	34	3
14NQ1A0541	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	15	0
14NQ1A0541	RT32055	WEB TECHNOLOGIES	20	35	3
14NQ1A0541	RT32056	IPR AND PATENTS	23	35	2
14NQ1A0541	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	42	2
14NQ1A0541	RT32058	SOFTWARE ENGINEERING LAB	21	42	2
14NQ1A0541	RT32059	WEB TECHNOLOGIES LAB	20	42	2
14NQ1A0542	RT32051	SOFTWARE ENGINEERING	26	30	3
14NQ1A0542	RT32052	DATA WARE HOUSING AND MINING	28	48	3
14NQ1A0542	RT32053	COMPUTER NETWORKS	27	41	3
14NQ1A0542	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	51	3
14NQ1A0542	RT32055	WEB TECHNOLOGIES	28	27	3
14NQ1A0542	RT32056	IPR AND PATENTS	20	27	2
14NQ1A0542	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	22	45	2
14NQ1A0542	RT32058	SOFTWARE ENGINEERING LAB	23	46	2
14NQ1A0542	RT32059	WEB TECHNOLOGIES LAB	23	46	2
14NQ1A0544	RT32051	SOFTWARE ENGINEERING	22	26	3
14NQ1A0544	RT32052	DATA WARE HOUSING AND MINING	22	14	0
14NQ1A0544	RT32053	COMPUTER NETWORKS	18	24	3
14NQ1A0544	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	21	30	3
14NQ1A0544	RT32055	WEB TECHNOLOGIES	27	29	3
14NQ1A0544	RT32056	IPR AND PATENTS	17	29	2
14NQ1A0544	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	21	43	2
14NQ1A0544	RT32058	SOFTWARE ENGINEERING LAB	23	45	2
14NQ1A0544	RT32059	WEB TECHNOLOGIES LAB	24	45	2
14NQ1A0545	RT32051	SOFTWARE ENGINEERING	28	27	3
14NQ1A0545	RT32052	DATA WARE HOUSING AND MINING	26	31	3
14NQ1A0545	RT32053	COMPUTER NETWORKS	26	24	3
14NQ1A0545	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	24	32	3
14NQ1A0545	RT32055	WEB TECHNOLOGIES	25	14	0
14NQ1A0545	RT32056	IPR AND PATENTS	25	41	2
14NQ1A0545	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	25	49	2
14NQ1A0545	RT32058	SOFTWARE ENGINEERING LAB	25	48	2
14NQ1A0545	RT32059	WEB TECHNOLOGIES LAB	25	49	2
14NQ1A0548	RT32051	SOFTWARE ENGINEERING	26	18	0
14NQ1A0548	RT32052	DATA WARE HOUSING AND MINING	20	15	0

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A0548	RT32053	COMPUTER NETWORKS	23	26	3
14NQ1A0548	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	20	2	0
14NQ1A0548	RT32055	WEB TECHNOLOGIES	16	14	0
14NQ1A0548	RT32056	IPR AND PATENTS	24	24	2
14NQ1A0548	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	43	2
14NQ1A0548	RT32058	SOFTWARE ENGINEERING LAB	22	46	2
14NQ1A0548	RT32059	WEB TECHNOLOGIES LAB	21	44	2
14NQ1A0549	RT32051	SOFTWARE ENGINEERING	27	37	3
14NQ1A0549	RT32052	DATA WARE HOUSING AND MINING	24	49	3
14NQ1A0549	RT32053	COMPUTER NETWORKS	26	36	3
14NQ1A0549	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	33	3
14NQ1A0549	RT32055	WEB TECHNOLOGIES	27	27	3
14NQ1A0549	RT32056	IPR AND PATENTS	27	38	2
14NQ1A0549	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	47	2
14NQ1A0549	RT32058	SOFTWARE ENGINEERING LAB	24	46	2
14NQ1A0549	RT32059	WEB TECHNOLOGIES LAB	24	48	2
14NQ1A0550	RT32051	SOFTWARE ENGINEERING	26	44	3
14NQ1A0550	RT32052	DATA WARE HOUSING AND MINING	27	29	3
14NQ1A0550	RT32053	COMPUTER NETWORKS	26	37	3
14NQ1A0550	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	26	48	3
14NQ1A0550	RT32055	WEB TECHNOLOGIES	29	38	3
14NQ1A0550	RT32056	IPR AND PATENTS	21	33	2
14NQ1A0550	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	24	49	2
14NQ1A0550	RT32058	SOFTWARE ENGINEERING LAB	24	48	2
14NQ1A0550	RT32059	WEB TECHNOLOGIES LAB	24	49	2
14NQ1A0551	RT32051	SOFTWARE ENGINEERING	21	24	3
14NQ1A0551	RT32052	DATA WARE HOUSING AND MINING	22	11	0
14NQ1A0551	RT32053	COMPUTER NETWORKS	23	24	3
14NQ1A0551	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	22	12	0
14NQ1A0551	RT32055	WEB TECHNOLOGIES	25	3	0
14NQ1A0551	RT32056	IPR AND PATENTS	18	52	2
14NQ1A0551	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	41	2
14NQ1A0551	RT32058	SOFTWARE ENGINEERING LAB	20	42	2
14NQ1A0551	RT32059	WEB TECHNOLOGIES LAB	20	40	2
14NQ1A3501	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	13	27	3
14NQ1A3501	RT32352	FARM MACHINERY AND EQUIPMENT I	20	37	3
14NQ1A3501	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	13	27	3
14NQ1A3501	RT32354	DAIRY AND FOOD ENGINEERING	21	25	3
14NQ1A3501	RT32355	THEORY OF STRUCTURES	18	18	0
14NQ1A3501	RT32356A	OPERATIONS RESEARCH	23	34	3
14NQ1A3501	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	23	44	2
14NQ1A3501	RT32358	SOIL AND WATER ENGINEERING LAB	23	46	2
14NQ1A3502	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	22	24	3
14NQ1A3502	RT32352	FARM MACHINERY AND EQUIPMENT I	22	39	3
14NQ1A3502	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	20	26	3
14NQ1A3502	RT32354	DAIRY AND FOOD ENGINEERING	20	34	3
14NQ1A3502	RT32355	THEORY OF STRUCTURES	21	39	3
14NQ1A3502	RT32356A	OPERATIONS RESEARCH	25	34	3
14NQ1A3502	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	24	45	2
14NQ1A3502	RT32358	SOIL AND WATER ENGINEERING LAB	24	46	2

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A3503	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	20	43	3
14NQ1A3503	RT32352	FARM MACHINERY AND EQUIPMENT I	22	46	3
14NQ1A3503	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	20	33	3
14NQ1A3503	RT32354	DAIRY AND FOOD ENGINEERING	23	33	3
14NQ1A3503	RT32355	THEORY OF STRUCTURES	22	44	3
14NQ1A3503	RT32356A	OPERATIONS RESEARCH	22	25	3
14NQ1A3503	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	49	2
14NQ1A3503	RT32358	SOIL AND WATER ENGINEERING LAB	24	46	2
14NQ1A3504	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	17	24	3
14NQ1A3504	RT32352	FARM MACHINERY AND EQUIPMENT I	22	37	3
14NQ1A3504	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	16	24	3
14NQ1A3504	RT32354	DAIRY AND FOOD ENGINEERING	21	27	3
14NQ1A3504	RT32355	THEORY OF STRUCTURES	16	12	0
14NQ1A3504	RT32356A	OPERATIONS RESEARCH	17	9	0
14NQ1A3504	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	23	44	2
14NQ1A3504	RT32358	SOIL AND WATER ENGINEERING LAB	22	44	2
14NQ1A3505	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	23	44	3
14NQ1A3505	RT32352	FARM MACHINERY AND EQUIPMENT I	22	48	3
14NQ1A3505	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	24	30	3
14NQ1A3505	RT32354	DAIRY AND FOOD ENGINEERING	24	42	3
14NQ1A3505	RT32355	THEORY OF STRUCTURES	24	56	3
14NQ1A3505	RT32356A	OPERATIONS RESEARCH	18	32	3
14NQ1A3505	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	48	2
14NQ1A3505	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3506	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	19	25	3
14NQ1A3506	RT32352	FARM MACHINERY AND EQUIPMENT I	23	34	3
14NQ1A3506	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	21	24	3
14NQ1A3506	RT32354	DAIRY AND FOOD ENGINEERING	22	24	3
14NQ1A3506	RT32355	THEORY OF STRUCTURES	20	29	3
14NQ1A3506	RT32356A	OPERATIONS RESEARCH	24	30	3
14NQ1A3506	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	45	2
14NQ1A3506	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3507	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	18	31	3
14NQ1A3507	RT32352	FARM MACHINERY AND EQUIPMENT I	21	42	3
14NQ1A3507	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	16	31	3
14NQ1A3507	RT32354	DAIRY AND FOOD ENGINEERING	20	39	3
14NQ1A3507	RT32355	THEORY OF STRUCTURES	21	48	3
14NQ1A3507	RT32356A	OPERATIONS RESEARCH	23	38	3
14NQ1A3507	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	49	2
14NQ1A3507	RT32358	SOIL AND WATER ENGINEERING LAB	24	46	2
14NQ1A3508	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	16	13	0
14NQ1A3508	RT32352	FARM MACHINERY AND EQUIPMENT I	20	26	3
14NQ1A3508	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	16	24	3
14NQ1A3508	RT32354	DAIRY AND FOOD ENGINEERING	16	24	3
14NQ1A3508	RT32355	THEORY OF STRUCTURES	21	30	3
14NQ1A3508	RT32356A	OPERATIONS RESEARCH	17	26	3
14NQ1A3508	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	24	43	2
14NQ1A3508	RT32358	SOIL AND WATER ENGINEERING LAB	24	44	2
14NQ1A3509	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	20	46	3
14NQ1A3509	RT32352	FARM MACHINERY AND EQUIPMENT I	21	44	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A3509	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	21	30	3
14NQ1A3509	RT32354	DAIRY AND FOOD ENGINEERING	20	34	3
14NQ1A3509	RT32355	THEORY OF STRUCTURES	18	46	3
14NQ1A3509	RT32356A	OPERATIONS RESEARCH	22	37	3
14NQ1A3509	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	48	2
14NQ1A3509	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3510	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	18	32	3
14NQ1A3510	RT32352	FARM MACHINERY AND EQUIPMENT I	19	38	3
14NQ1A3510	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	20	31	3
14NQ1A3510	RT32354	DAIRY AND FOOD ENGINEERING	20	27	3
14NQ1A3510	RT32355	THEORY OF STRUCTURES	17	38	3
14NQ1A3510	RT32356A	OPERATIONS RESEARCH	20	32	3
14NQ1A3510	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	24	44	2
14NQ1A3510	RT32358	SOIL AND WATER ENGINEERING LAB	24	46	2
14NQ1A3511	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	19	34	3
14NQ1A3511	RT32352	FARM MACHINERY AND EQUIPMENT I	21	39	3
14NQ1A3511	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	23	32	3
14NQ1A3511	RT32354	DAIRY AND FOOD ENGINEERING	23	34	3
14NQ1A3511	RT32355	THEORY OF STRUCTURES	22	36	3
14NQ1A3511	RT32356A	OPERATIONS RESEARCH	22	32	3
14NQ1A3511	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	48	2
14NQ1A3511	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3512	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	5	14	0
14NQ1A3512	RT32352	FARM MACHINERY AND EQUIPMENT I	20	36	3
14NQ1A3512	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	4	14	0
14NQ1A3512	RT32354	DAIRY AND FOOD ENGINEERING	3	24	0
14NQ1A3512	RT32355	THEORY OF STRUCTURES	20	16	0
14NQ1A3512	RT32356A	OPERATIONS RESEARCH	23	36	3
14NQ1A3512	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	19	40	2
14NQ1A3512	RT32358	SOIL AND WATER ENGINEERING LAB	22	42	2
14NQ1A3514	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	20	40	3
14NQ1A3514	RT32352	FARM MACHINERY AND EQUIPMENT I	23	44	3
14NQ1A3514	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	23	29	3
14NQ1A3514	RT32354	DAIRY AND FOOD ENGINEERING	18	37	3
14NQ1A3514	RT32355	THEORY OF STRUCTURES	21	38	3
14NQ1A3514	RT32356A	OPERATIONS RESEARCH	24	36	3
14NQ1A3514	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	49	2
14NQ1A3514	RT32358	SOIL AND WATER ENGINEERING LAB	24	46	2
14NQ1A3515	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	8	18	0
14NQ1A3515	RT32352	FARM MACHINERY AND EQUIPMENT I	20	33	3
14NQ1A3515	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	7	24	0
14NQ1A3515	RT32354	DAIRY AND FOOD ENGINEERING	17	24	3
14NQ1A3515	RT32355	THEORY OF STRUCTURES	16	8	0
14NQ1A3515	RT32356A	OPERATIONS RESEARCH	17	36	3
14NQ1A3515	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	20	43	2
14NQ1A3515	RT32358	SOIL AND WATER ENGINEERING LAB	22	42	2
14NQ1A3516	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	19	29	3
14NQ1A3516	RT32352	FARM MACHINERY AND EQUIPMENT I	25	44	3
14NQ1A3516	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	25	34	3
14NQ1A3516	RT32354	DAIRY AND FOOD ENGINEERING	24	41	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A3516	RT32355	THEORY OF STRUCTURES	23	32	3
14NQ1A3516	RT32356A	OPERATIONS RESEARCH	23	32	3
14NQ1A3516	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	49	2
14NQ1A3516	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3517	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	17	15	0
14NQ1A3517	RT32352	FARM MACHINERY AND EQUIPMENT I	22	17	0
14NQ1A3517	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	19	24	3
14NQ1A3517	RT32354	DAIRY AND FOOD ENGINEERING	23	24	3
14NQ1A3517	RT32355	THEORY OF STRUCTURES	16	34	3
14NQ1A3517	RT32356A	OPERATIONS RESEARCH	18	32	3
14NQ1A3517	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	44	2
14NQ1A3517	RT32358	SOIL AND WATER ENGINEERING LAB	24	46	2
14NQ1A3518	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	22	41	3
14NQ1A3518	RT32352	FARM MACHINERY AND EQUIPMENT I	22	43	3
14NQ1A3518	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	21	34	3
14NQ1A3518	RT32354	DAIRY AND FOOD ENGINEERING	24	34	3
14NQ1A3518	RT32355	THEORY OF STRUCTURES	18	24	3
14NQ1A3518	RT32356A	OPERATIONS RESEARCH	19	30	3
14NQ1A3518	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	23	46	2
14NQ1A3518	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3519	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	18	40	3
14NQ1A3519	RT32352	FARM MACHINERY AND EQUIPMENT I	18	27	3
14NQ1A3519	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	18	26	3
14NQ1A3519	RT32354	DAIRY AND FOOD ENGINEERING	16	24	3
14NQ1A3519	RT32355	THEORY OF STRUCTURES	19	12	0
14NQ1A3519	RT32356A	OPERATIONS RESEARCH	20	36	3
14NQ1A3519	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	24	47	2
14NQ1A3519	RT32358	SOIL AND WATER ENGINEERING LAB	24	45	2
14NQ1A3520	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	4	24	0
14NQ1A3520	RT32352	FARM MACHINERY AND EQUIPMENT I	20	29	3
14NQ1A3520	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	5	13	0
14NQ1A3520	RT32354	DAIRY AND FOOD ENGINEERING	21	9	0
14NQ1A3520	RT32355	THEORY OF STRUCTURES	21	18	0
14NQ1A3520	RT32356A	OPERATIONS RESEARCH	22	15	0
14NQ1A3520	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	23	43	2
14NQ1A3520	RT32358	SOIL AND WATER ENGINEERING LAB	22	42	2
14NQ1A3521	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	21	36	3
14NQ1A3521	RT32352	FARM MACHINERY AND EQUIPMENT I	22	43	3
14NQ1A3521	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	19	27	3
14NQ1A3521	RT32354	DAIRY AND FOOD ENGINEERING	20	26	3
14NQ1A3521	RT32355	THEORY OF STRUCTURES	17	34	3
14NQ1A3521	RT32356A	OPERATIONS RESEARCH	22	18	0
14NQ1A3521	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	47	2
14NQ1A3521	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ1A3522	RT32351	IRRIGATION AND DRAINAGE ENGINEERING	18	41	3
14NQ1A3522	RT32352	FARM MACHINERY AND EQUIPMENT I	25	48	3
14NQ1A3522	RT32353	DESIGN OF SOIL & WATER CONSERVATION AND FAR	20	34	3
14NQ1A3522	RT32354	DAIRY AND FOOD ENGINEERING	21	24	3
14NQ1A3522	RT32355	THEORY OF STRUCTURES	20	43	3
14NQ1A3522	RT32356A	OPERATIONS RESEARCH	24	30	3

Htno	Subcode	Subname	Internal	External	Credits
14NQ1A3522	RT32357	AGRICULTURAL PROCESS ENGINEERING LAB	25	49	2
14NQ1A3522	RT32358	SOIL AND WATER ENGINEERING LAB	24	47	2
14NQ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	21	11	0
14NQ5A0203	RT32022	SWITCHGEAR AND PROTECTION	21	24	3
14NQ5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	20	14	0
14NQ5A0203	RT32024	POWER SYSTEM ANALYSIS	21	24	3
14NQ5A0203	RT32025	MANAGEMENT SCIENCE	24	30	3
14NQ5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	20	27	3
14NQ5A0203	RT32027	POWER ELECTRONICS LAB	21	42	2
14NQ5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
14NQ5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	19	32	3
14NQ5A0302	RT32031	OPERATIONS RESEARCH	22	3	0
14NQ5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	15	13	0
14NQ5A0302	RT32034	ROBOTICS	20	22	0
14NQ5A0305	RT32031	OPERATIONS RESEARCH	15	7	0
14NQ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	4	7	0
14NQ5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	5	5	0
14NQ5A0305	RT32034	ROBOTICS	17	24	3
14NQ5A0305	RT32035	HEAT TRANSFER	17	24	3
14NQ5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	-1	0
14NQ5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	14	-1	0
14NQ5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	19	21	0
14NQ5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	30	3
14NQ5A0407	RT32045A	BIO MEDICAL ENGINEERING	21	30	3
14NQ5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	18	0	0
14NQ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	16	12	0
14NQ5A0409	RT32043	DIGITAL COMMUNICATIONS	17	24	3
14NQ5A0409	RT32044	MICROWAVE ENGINEERING	20	6	0
14NQ5A0409	RT32045A	BIO MEDICAL ENGINEERING	22	28	3
15NQ5A0101	RT32011	ENVIRONMENTAL ENGINEERING I	25	39	3
15NQ5A0101	RT32012	GEOTECHNICAL ENGINEERING II	19	30	3
15NQ5A0101	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	44	3
15NQ5A0101	RT32014	WATER RESOURCES ENGINEERING I	28	29	3
15NQ5A0101	RT32015	TRANSPORTATION ENGINEERING II	24	24	3
15NQ5A0101	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	23	62	3
15NQ5A0101	RT32017	COMPUTER AIDED ENGINEERING DRAWING	26	64	2
15NQ5A0101	RT32018	TRANSPORTATION ENGINEERING LAB	24	47	2
15NQ5A0103	RT32011	ENVIRONMENTAL ENGINEERING I	24	5	0
15NQ5A0103	RT32012	GEOTECHNICAL ENGINEERING II	20	24	3
15NQ5A0103	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	22	37	3
15NQ5A0103	RT32014	WATER RESOURCES ENGINEERING I	24	52	3
15NQ5A0103	RT32015	TRANSPORTATION ENGINEERING II	21	35	3
15NQ5A0103	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	24	3
15NQ5A0103	RT32017	COMPUTER AIDED ENGINEERING DRAWING	25	55	2
15NQ5A0103	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15NQ5A0104	RT32011	ENVIRONMENTAL ENGINEERING I	25	31	3
15NQ5A0104	RT32012	GEOTECHNICAL ENGINEERING II	15	34	3
15NQ5A0104	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	20	24	3
15NQ5A0104	RT32014	WATER RESOURCES ENGINEERING I	24	34	3
15NQ5A0104	RT32015	TRANSPORTATION ENGINEERING II	19	27	3

Htno	Subcode	Subname	Internal	External	Credits
15NQ5A0104	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	21	47	3
15NQ5A0104	RT32017	COMPUTER AIDED ENGINEERING DRAWING	29	65	2
15NQ5A0104	RT32018	TRANSPORTATION ENGINEERING LAB	24	48	2
15NQ5A0105	RT32011	ENVIRONMENTAL ENGINEERING I	21	38	3
15NQ5A0105	RT32012	GEOTECHNICAL ENGINEERING II	14	38	3
15NQ5A0105	RT32013	DESIGN AND DRAWING OF STEEL STRUCTURES	23	25	3
15NQ5A0105	RT32014	WATER RESOURCES ENGINEERING I	24	36	3
15NQ5A0105	RT32015	TRANSPORTATION ENGINEERING II	21	17	0
15NQ5A0105	RT32016A	ENVIRONMENTAL POLLUTION AND CONTROL	17	52	3
15NQ5A0105	RT32017	COMPUTER AIDED ENGINEERING DRAWING	27	66	2
15NQ5A0105	RT32018	TRANSPORTATION ENGINEERING LAB	23	47	2
15NQ5A0201	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	37	3
15NQ5A0201	RT32022	SWITCHGEAR AND PROTECTION	21	32	3
15NQ5A0201	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	32	3
15NQ5A0201	RT32024	POWER SYSTEM ANALYSIS	20	5	0
15NQ5A0201	RT32025	MANAGEMENT SCIENCE	23	25	3
15NQ5A0201	RT32026	POWER SEMICONDUCTOR DRIVES	19	41	3
15NQ5A0201	RT32027	POWER ELECTRONICS LAB	23	45	2
15NQ5A0201	RT32028	ELECTRICAL MEASUREMENTS LAB	24	45	2
15NQ5A0202	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	28	3
15NQ5A0202	RT32022	SWITCHGEAR AND PROTECTION	22	26	3
15NQ5A0202	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	66	3
15NQ5A0202	RT32024	POWER SYSTEM ANALYSIS	25	13	0
15NQ5A0202	RT32025	MANAGEMENT SCIENCE	24	57	3
15NQ5A0202	RT32026	POWER SEMICONDUCTOR DRIVES	23	34	3
15NQ5A0202	RT32027	POWER ELECTRONICS LAB	23	47	2
15NQ5A0202	RT32028	ELECTRICAL MEASUREMENTS LAB	24	48	2
15NQ5A0203	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	26	3
15NQ5A0203	RT32022	SWITCHGEAR AND PROTECTION	18	26	3
15NQ5A0203	RT32023	UTILIZATION OF ELECTRICAL ENERGY	25	37	3
15NQ5A0203	RT32024	POWER SYSTEM ANALYSIS	23	17	0
15NQ5A0203	RT32025	MANAGEMENT SCIENCE	28	31	3
15NQ5A0203	RT32026	POWER SEMICONDUCTOR DRIVES	22	17	0
15NQ5A0203	RT32027	POWER ELECTRONICS LAB	23	42	2
15NQ5A0203	RT32028	ELECTRICAL MEASUREMENTS LAB	24	43	2
15NQ5A0204	RT32021	MICROPROCESSORS & MICROCONTROLLERS	23	29	3
15NQ5A0204	RT32022	SWITCHGEAR AND PROTECTION	27	40	3
15NQ5A0204	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	29	3
15NQ5A0204	RT32024	POWER SYSTEM ANALYSIS	29	38	3
15NQ5A0204	RT32025	MANAGEMENT SCIENCE	25	57	3
15NQ5A0204	RT32026	POWER SEMICONDUCTOR DRIVES	29	42	3
15NQ5A0204	RT32027	POWER ELECTRONICS LAB	22	47	2
15NQ5A0204	RT32028	ELECTRICAL MEASUREMENTS LAB	24	49	2
15NQ5A0205	RT32021	MICROPROCESSORS & MICROCONTROLLERS	20	40	3
15NQ5A0205	RT32022	SWITCHGEAR AND PROTECTION	27	40	3
15NQ5A0205	RT32023	UTILIZATION OF ELECTRICAL ENERGY	26	48	3
15NQ5A0205	RT32024	POWER SYSTEM ANALYSIS	30	56	3
15NQ5A0205	RT32025	MANAGEMENT SCIENCE	26	34	3
15NQ5A0205	RT32026	POWER SEMICONDUCTOR DRIVES	29	35	3
15NQ5A0205	RT32027	POWER ELECTRONICS LAB	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15NQ5A0205	RT32028	ELECTRICAL MEASUREMENTS LAB	25	49	2
15NQ5A0207	RT32021	MICROPROCESSORS & MICROCONTROLLERS	22	27	3
15NQ5A0207	RT32022	SWITCHGEAR AND PROTECTION	25	29	3
15NQ5A0207	RT32023	UTILIZATION OF ELECTRICAL ENERGY	28	59	3
15NQ5A0207	RT32024	POWER SYSTEM ANALYSIS	29	24	3
15NQ5A0207	RT32025	MANAGEMENT SCIENCE	25	61	3
15NQ5A0207	RT32026	POWER SEMICONDUCTOR DRIVES	23	34	3
15NQ5A0207	RT32027	POWER ELECTRONICS LAB	23	46	2
15NQ5A0207	RT32028	ELECTRICAL MEASUREMENTS LAB	22	46	2
15NQ5A0208	RT32021	MICROPROCESSORS & MICROCONTROLLERS	24	40	3
15NQ5A0208	RT32022	SWITCHGEAR AND PROTECTION	25	36	3
15NQ5A0208	RT32023	UTILIZATION OF ELECTRICAL ENERGY	27	40	3
15NQ5A0208	RT32024	POWER SYSTEM ANALYSIS	26	36	3
15NQ5A0208	RT32025	MANAGEMENT SCIENCE	25	39	3
15NQ5A0208	RT32026	POWER SEMICONDUCTOR DRIVES	29	17	0
15NQ5A0208	RT32027	POWER ELECTRONICS LAB	22	46	2
15NQ5A0208	RT32028	ELECTRICAL MEASUREMENTS LAB	24	46	2
15NQ5A0301	RT32031	OPERATIONS RESEARCH	19	30	3
15NQ5A0301	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	24	3
15NQ5A0301	RT32033	DESIGN OF MACHINE MEMBERS II	20	30	3
15NQ5A0301	RT32034	ROBOTICS	22	16	0
15NQ5A0301	RT32035	HEAT TRANSFER	26	55	3
15NQ5A0301	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	30	3
15NQ5A0301	RT32037A	REFRIGERATION & AIR CONDITIONING	20	12	0
15NQ5A0301	RT32038	HEAT TRANSFER LAB	22	42	2
15NQ5A0302	RT32031	OPERATIONS RESEARCH	18	29	3
15NQ5A0302	RT32032	INTERACTIVE COMPUTER GRAPHICS	19	34	3
15NQ5A0302	RT32033	DESIGN OF MACHINE MEMBERS II	18	25	3
15NQ5A0302	RT32034	ROBOTICS	24	31	3
15NQ5A0302	RT32035	HEAT TRANSFER	24	41	3
15NQ5A0302	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	28	48	3
15NQ5A0302	RT32037A	REFRIGERATION & AIR CONDITIONING	22	29	3
15NQ5A0302	RT32038	HEAT TRANSFER LAB	24	48	2
15NQ5A0303	RT32031	OPERATIONS RESEARCH	5	7	0
15NQ5A0303	RT32032	INTERACTIVE COMPUTER GRAPHICS	5	0	0
15NQ5A0303	RT32033	DESIGN OF MACHINE MEMBERS II	5	2	0
15NQ5A0303	RT32034	ROBOTICS	5	0	0
15NQ5A0303	RT32035	HEAT TRANSFER	5	0	0
15NQ5A0303	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	5	-1	0
15NQ5A0303	RT32037A	REFRIGERATION & AIR CONDITIONING	5	-1	0
15NQ5A0303	RT32038	HEAT TRANSFER LAB	15	-1	0
15NQ5A0304	RT32031	OPERATIONS RESEARCH	18	6	0
15NQ5A0304	RT32032	INTERACTIVE COMPUTER GRAPHICS	16	16	0
15NQ5A0304	RT32033	DESIGN OF MACHINE MEMBERS II	20	28	3
15NQ5A0304	RT32034	ROBOTICS	22	24	3
15NQ5A0304	RT32035	HEAT TRANSFER	23	0	0
15NQ5A0304	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	18	27	3
15NQ5A0304	RT32037A	REFRIGERATION & AIR CONDITIONING	19	24	3
15NQ5A0304	RT32038	HEAT TRANSFER LAB	23	48	2
15NQ5A0305	RT32031	OPERATIONS RESEARCH	21	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15NQ5A0305	RT32032	INTERACTIVE COMPUTER GRAPHICS	14	26	3
15NQ5A0305	RT32033	DESIGN OF MACHINE MEMBERS II	26	29	3
15NQ5A0305	RT32034	ROBOTICS	21	18	0
15NQ5A0305	RT32035	HEAT TRANSFER	19	12	0
15NQ5A0305	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	33	3
15NQ5A0305	RT32037A	REFRIGERATION & AIR CONDITIONING	20	17	0
15NQ5A0305	RT32038	HEAT TRANSFER LAB	20	42	2
15NQ5A0307	RT32031	OPERATIONS RESEARCH	26	37	3
15NQ5A0307	RT32032	INTERACTIVE COMPUTER GRAPHICS	22	40	3
15NQ5A0307	RT32033	DESIGN OF MACHINE MEMBERS II	22	34	3
15NQ5A0307	RT32034	ROBOTICS	27	24	3
15NQ5A0307	RT32035	HEAT TRANSFER	25	53	3
15NQ5A0307	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	20	51	3
15NQ5A0307	RT32037A	REFRIGERATION & AIR CONDITIONING	23	15	0
15NQ5A0307	RT32038	HEAT TRANSFER LAB	24	48	2
15NQ5A0309	RT32031	OPERATIONS RESEARCH	19	32	3
15NQ5A0309	RT32032	INTERACTIVE COMPUTER GRAPHICS	11	14	0
15NQ5A0309	RT32033	DESIGN OF MACHINE MEMBERS II	14	35	3
15NQ5A0309	RT32034	ROBOTICS	20	37	3
15NQ5A0309	RT32035	HEAT TRANSFER	16	24	3
15NQ5A0309	RT32036	INDUSTRIAL ENGINEERING MANAGEMENT	21	24	3
15NQ5A0309	RT32037A	REFRIGERATION & AIR CONDITIONING	21	24	3
15NQ5A0309	RT32038	HEAT TRANSFER LAB	22	44	2
15NQ5A0401	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	41	3
15NQ5A0401	RT32042	DIGITAL SIGNAL PROCESSING	20	13	0
15NQ5A0401	RT32043	DIGITAL COMMUNICATIONS	25	24	3
15NQ5A0401	RT32044	MICROWAVE ENGINEERING	26	38	3
15NQ5A0401	RT32045A	BIO MEDICAL ENGINEERING	23	29	3
15NQ5A0401	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15NQ5A0401	RT32047	DIGITAL COMMUNICATIONS LAB	23	47	2
15NQ5A0401	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	48	2
15NQ5A0401	RT32049	SEMINAR	48	0	1
15NQ5A0402	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	35	3
15NQ5A0402	RT32042	DIGITAL SIGNAL PROCESSING	16	27	3
15NQ5A0402	RT32043	DIGITAL COMMUNICATIONS	21	6	0
15NQ5A0402	RT32044	MICROWAVE ENGINEERING	25	24	3
15NQ5A0402	RT32045A	BIO MEDICAL ENGINEERING	24	17	0
15NQ5A0402	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	44	2
15NQ5A0402	RT32047	DIGITAL COMMUNICATIONS LAB	22	43	2
15NQ5A0402	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15NQ5A0402	RT32049	SEMINAR	42	0	1
15NQ5A0403	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	23	24	3
15NQ5A0403	RT32042	DIGITAL SIGNAL PROCESSING	18	24	3
15NQ5A0403	RT32043	DIGITAL COMMUNICATIONS	26	19	0
15NQ5A0403	RT32044	MICROWAVE ENGINEERING	23	28	3
15NQ5A0403	RT32045A	BIO MEDICAL ENGINEERING	23	27	3
15NQ5A0403	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15NQ5A0403	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15NQ5A0403	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	44	2
15NQ5A0403	RT32049	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	Credits
15NQ5A0405	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	16	23	0
15NQ5A0405	RT32042	DIGITAL SIGNAL PROCESSING	15	9	0
15NQ5A0405	RT32043	DIGITAL COMMUNICATIONS	17	18	0
15NQ5A0405	RT32044	MICROWAVE ENGINEERING	16	9	0
15NQ5A0405	RT32045A	BIO MEDICAL ENGINEERING	17	14	0
15NQ5A0405	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	41	2
15NQ5A0405	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
15NQ5A0405	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	41	2
15NQ5A0405	RT32049	SEMINAR	42	0	1
15NQ5A0406	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	19	0
15NQ5A0406	RT32042	DIGITAL SIGNAL PROCESSING	15	5	0
15NQ5A0406	RT32043	DIGITAL COMMUNICATIONS	17	2	0
15NQ5A0406	RT32044	MICROWAVE ENGINEERING	16	18	0
15NQ5A0406	RT32045A	BIO MEDICAL ENGINEERING	17	16	0
15NQ5A0406	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15NQ5A0406	RT32047	DIGITAL COMMUNICATIONS LAB	20	42	2
15NQ5A0406	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15NQ5A0406	RT32049	SEMINAR	40	0	1
15NQ5A0407	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	20	37	3
15NQ5A0407	RT32042	DIGITAL SIGNAL PROCESSING	19	27	3
15NQ5A0407	RT32043	DIGITAL COMMUNICATIONS	19	6	0
15NQ5A0407	RT32044	MICROWAVE ENGINEERING	21	24	3
15NQ5A0407	RT32045A	BIO MEDICAL ENGINEERING	20	14	0
15NQ5A0407	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	42	2
15NQ5A0407	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
15NQ5A0407	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	42	2
15NQ5A0407	RT32049	SEMINAR	43	0	1
15NQ5A0408	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	39	3
15NQ5A0408	RT32042	DIGITAL SIGNAL PROCESSING	18	26	3
15NQ5A0408	RT32043	DIGITAL COMMUNICATIONS	25	31	3
15NQ5A0408	RT32044	MICROWAVE ENGINEERING	23	40	3
15NQ5A0408	RT32045A	BIO MEDICAL ENGINEERING	22	32	3
15NQ5A0408	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15NQ5A0408	RT32047	DIGITAL COMMUNICATIONS LAB	20	43	2
15NQ5A0408	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	43	2
15NQ5A0408	RT32049	SEMINAR	46	0	1
15NQ5A0409	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	28	46	3
15NQ5A0409	RT32042	DIGITAL SIGNAL PROCESSING	23	29	3
15NQ5A0409	RT32043	DIGITAL COMMUNICATIONS	28	39	3
15NQ5A0409	RT32044	MICROWAVE ENGINEERING	29	31	3
15NQ5A0409	RT32045A	BIO MEDICAL ENGINEERING	27	28	3
15NQ5A0409	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15NQ5A0409	RT32047	DIGITAL COMMUNICATIONS LAB	25	49	2
15NQ5A0409	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15NQ5A0409	RT32049	SEMINAR	48	0	1
15NQ5A0410	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	25	39	3
15NQ5A0410	RT32042	DIGITAL SIGNAL PROCESSING	19	15	0
15NQ5A0410	RT32043	DIGITAL COMMUNICATIONS	24	24	3
15NQ5A0410	RT32044	MICROWAVE ENGINEERING	24	30	3
15NQ5A0410	RT32045A	BIO MEDICAL ENGINEERING	24	43	3

Htno	Subcode	Subname	Internal	External	Credits
15NQ5A0410	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15NQ5A0410	RT32047	DIGITAL COMMUNICATIONS LAB	24	47	2
15NQ5A0410	RT32048	DIGITAL SIGNAL PROCESSING LAB	25	49	2
15NQ5A0410	RT32049	SEMINAR	48	0	1
15NQ5A0411	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	24	39	3
15NQ5A0411	RT32042	DIGITAL SIGNAL PROCESSING	18	34	3
15NQ5A0411	RT32043	DIGITAL COMMUNICATIONS	24	17	0
15NQ5A0411	RT32044	MICROWAVE ENGINEERING	26	37	3
15NQ5A0411	RT32045A	BIO MEDICAL ENGINEERING	21	28	3
15NQ5A0411	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	46	2
15NQ5A0411	RT32047	DIGITAL COMMUNICATIONS LAB	23	44	2
15NQ5A0411	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	46	2
15NQ5A0411	RT32049	SEMINAR	49	0	1
15NQ5A0412	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	12	0
15NQ5A0412	RT32042	DIGITAL SIGNAL PROCESSING	18	12	0
15NQ5A0412	RT32043	DIGITAL COMMUNICATIONS	23	24	3
15NQ5A0412	RT32044	MICROWAVE ENGINEERING	21	39	3
15NQ5A0412	RT32045A	BIO MEDICAL ENGINEERING	22	31	3
15NQ5A0412	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	44	2
15NQ5A0412	RT32047	DIGITAL COMMUNICATIONS LAB	22	42	2
15NQ5A0412	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15NQ5A0412	RT32049	SEMINAR	40	0	1
15NQ5A0413	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	17	24	3
15NQ5A0413	RT32042	DIGITAL SIGNAL PROCESSING	15	16	0
15NQ5A0413	RT32043	DIGITAL COMMUNICATIONS	17	28	3
15NQ5A0413	RT32044	MICROWAVE ENGINEERING	16	14	0
15NQ5A0413	RT32045A	BIO MEDICAL ENGINEERING	17	16	0
15NQ5A0413	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	43	2
15NQ5A0413	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15NQ5A0413	RT32048	DIGITAL SIGNAL PROCESSING LAB	22	43	2
15NQ5A0413	RT32049	SEMINAR	42	0	1
15NQ5A0414	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	21	6	0
15NQ5A0414	RT32042	DIGITAL SIGNAL PROCESSING	17	0	0
15NQ5A0414	RT32043	DIGITAL COMMUNICATIONS	17	0	0
15NQ5A0414	RT32044	MICROWAVE ENGINEERING	15	0	0
15NQ5A0414	RT32045A	BIO MEDICAL ENGINEERING	17	15	0
15NQ5A0414	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	44	2
15NQ5A0414	RT32047	DIGITAL COMMUNICATIONS LAB	23	43	2
15NQ5A0414	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	44	2
15NQ5A0414	RT32049	SEMINAR	43	0	1
15NQ5A0415	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	26	51	3
15NQ5A0415	RT32042	DIGITAL SIGNAL PROCESSING	18	37	3
15NQ5A0415	RT32043	DIGITAL COMMUNICATIONS	28	24	3
15NQ5A0415	RT32044	MICROWAVE ENGINEERING	24	45	3
15NQ5A0415	RT32045A	BIO MEDICAL ENGINEERING	22	38	3
15NQ5A0415	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
15NQ5A0415	RT32047	DIGITAL COMMUNICATIONS LAB	24	48	2
15NQ5A0415	RT32048	DIGITAL SIGNAL PROCESSING LAB	24	48	2
15NQ5A0415	RT32049	SEMINAR	47	0	1
15NQ5A0416	RT32041	MICROPROCESSORS AND MICROCONTROLLERS	27	31	3

Htno	Subcode	Subname	Internal	External	Credits
15NQ5A0416	RT32042	DIGITAL SIGNAL PROCESSING	17	28	3
15NQ5A0416	RT32043	DIGITAL COMMUNICATIONS	25	14	0
15NQ5A0416	RT32044	MICROWAVE ENGINEERING	23	48	3
15NQ5A0416	RT32045A	BIO MEDICAL ENGINEERING	23	27	3
15NQ5A0416	RT32046	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	45	2
15NQ5A0416	RT32047	DIGITAL COMMUNICATIONS LAB	22	44	2
15NQ5A0416	RT32048	DIGITAL SIGNAL PROCESSING LAB	23	45	2
15NQ5A0416	RT32049	SEMINAR	45	0	1
15NQ5A0501	RT32051	SOFTWARE ENGINEERING	17	27	3
15NQ5A0501	RT32052	DATA WARE HOUSING AND MINING	22	24	3
15NQ5A0501	RT32053	COMPUTER NETWORKS	22	29	3
15NQ5A0501	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	25	24	3
15NQ5A0501	RT32055	WEB TECHNOLOGIES	25	14	0
15NQ5A0501	RT32056	IPR AND PATENTS	24	36	2
15NQ5A0501	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	44	2
15NQ5A0501	RT32058	SOFTWARE ENGINEERING LAB	22	42	2
15NQ5A0501	RT32059	WEB TECHNOLOGIES LAB	23	46	2
15NQ5A0502	RT32051	SOFTWARE ENGINEERING	20	26	3
15NQ5A0502	RT32052	DATA WARE HOUSING AND MINING	20	40	3
15NQ5A0502	RT32053	COMPUTER NETWORKS	26	4	0
15NQ5A0502	RT32054	DESIGN AND ANALYSIS OF ALGORITHMS	27	39	3
15NQ5A0502	RT32055	WEB TECHNOLOGIES	21	14	0
15NQ5A0502	RT32056	IPR AND PATENTS	23	31	2
15NQ5A0502	RT32057	COMPUTER NETWORKS AND NETWORK PROGRAMMING	23	47	2
15NQ5A0502	RT32058	SOFTWARE ENGINEERING LAB	23	42	2
15NQ5A0502	RT32059	WEB TECHNOLOGIES LAB	23	46	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