



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for IV B.Tech I Semester [R13/R10] Regular/Supplementary Examinations Oct/Nov-2018

College: ST.MARYS GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	Credits
10BJ1A0311	R41031	REFRIGERATION & AIR CONDITIONING	11	17	0
10BJ1A0311	R41034	UNCONVENTIONAL MACHINING PROCESSES	11	19	0
10BJ1A0311	R41037	AUTOMOBILE ENGINEERING	15	-1	0
10BJ1A0329	R41031	REFRIGERATION & AIR CONDITIONING	18	29	4
10BJ1A0567	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	31	4
10BJ1A0570	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	9	0
10BJ1A0570	R41052	UML & DESIGN PATTERNS	15	8	0
10BJ1A0570	R41053	DATA WARE HOUSING AND DATA MINING	14	9	0
10BJ1A0570	R41054	MOBILE COMPUTING	19	0	0
10BJ1A0570	R41057	OPEN SOURCE SOFTWARE	14	10	0
11BJ1A0419	R41042	EMBEDDED SYSTEMS	19	0	0
11BJ1A0439	R41043	DIGITAL IMAGE PROCESSING	18	13	0
11BJ1A0535	R41052	UML & DESIGN PATTERNS	17	0	0
11BJ1A0535	R41054	MOBILE COMPUTING	14	35	4
12BJ1A0311	R41033	ALTERNATIVE SOURCES OF ENERGY	20	27	4
12BJ1A0331	R41032	CAD/CAM	22	13	0
12BJ1A0331	R41033	ALTERNATIVE SOURCES OF ENERGY	21	26	4
12BJ1A0331	R41035	MEMS	23	18	0
12BJ1A0343	R41032	CAD/CAM	16	0	0
12BJ1A0349	R41033	ALTERNATIVE SOURCES OF ENERGY	20	30	4
12BJ1A0405	R41044	RADAR SYSTEMS	10	20	0
12BJ1A0411	R41026	INSTRUMENTATION	18	10	0
12BJ1A0411	R41043	DIGITAL IMAGE PROCESSING	20	8	0
12BJ1A0447	R41043	DIGITAL IMAGE PROCESSING	18	6	0
12BJ1A0452	R41041	OPTICAL COMMUNICATIONS	21	33	4
12BJ1A0452	R41043	DIGITAL IMAGE PROCESSING	20	-1	0
12BJ1A0452	R41044	RADAR SYSTEMS	15	15	0
12BJ1A0454	R41043	DIGITAL IMAGE PROCESSING	16	10	0
12BJ1A0454	R41044	RADAR SYSTEMS	18	19	0
12BJ1A0490	R41026	INSTRUMENTATION	16	-1	0
12BJ1A0490	R41043	DIGITAL IMAGE PROCESSING	18	-1	0
12BJ1A0490	R41044	RADAR SYSTEMS	17	23	0
12BJ1A0493	R41026	INSTRUMENTATION	14	9	0
12BJ1A0493	R41043	DIGITAL IMAGE PROCESSING	20	10	0
12BJ1A0493	R41044	RADAR SYSTEMS	19	22	0
12BJ1A04A4	R41026	INSTRUMENTATION	0	-1	0
12BJ1A04A7	R41043	DIGITAL IMAGE PROCESSING	23	8	0
12BJ1A04B3	R41043	DIGITAL IMAGE PROCESSING	19	10	0
12BJ1A04D5	R41043	DIGITAL IMAGE PROCESSING	21	6	0
12BJ1A04E3	R41043	DIGITAL IMAGE PROCESSING	15	20	0
12BJ1A0534	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	7	31	0
12BJ1A0594	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	13	0
12BJ1A0598	R41057	OPEN SOURCE SOFTWARE	20	-1	0
12BJ1A0598	R4105B	SOFTWARE PROJECT MANAGEMENT	23	-1	0

Htno	Subcode	Subname	Internal	External	Credits
13BJ1A0114	RT41012	PRESTRESSED CONCRETE	19	10	0
13BJ1A0149	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	36	3
13BJ1A0224	RT41025	INSTRUMENTATION	4	38	3
13BJ1A0326	RT41033	FINITE ELEMENT METHODS	13	0	0
13BJ1A0326	RT41036	NANO TECHNOLOGY	16	3	0
13BJ1A0341	RT41031	AUTOMOBILE ENGINEERING	12	23	0
13BJ1A0341	RT41033	FINITE ELEMENT METHODS	11	13	0
13BJ1A0341	RT41036	NANO TECHNOLOGY	7	19	0
13BJ1A0341	RT41039	AUTOMATION IN MANUFACTURING	13	-1	0
13BJ1A0392	RT41033	FINITE ELEMENT METHODS	13	-1	0
13BJ1A03B6	RT41033	FINITE ELEMENT METHODS	12	-1	0
13BJ1A03C6	RT41033	FINITE ELEMENT METHODS	13	33	3
13BJ1A03D8	RT41031	AUTOMOBILE ENGINEERING	14	7	0
13BJ1A03D8	RT41032	CAD / CAM	14	20	0
13BJ1A03D8	RT41033	FINITE ELEMENT METHODS	13	6	0
13BJ1A03D9	RT41039	AUTOMATION IN MANUFACTURING	17	-1	0
13BJ1A03E8	RT41033	FINITE ELEMENT METHODS	15	0	0
13BJ1A03F0	RT41033	FINITE ELEMENT METHODS	11	13	0
13BJ1A0434	RT41043	DIGITAL IMAGE PROCESSING	13	13	0
13BJ1A0437	RT41041	VLSI DESIGN	15	2	0
13BJ1A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	16	0
13BJ1A0437	RT41048	RADAR SYSTEMS	16	0	0
13BJ1A0439	RT41043	DIGITAL IMAGE PROCESSING	21	30	3
13BJ1A0440	RT41043	DIGITAL IMAGE PROCESSING	19	12	0
13BJ1A0440	RT4104A	OPTICAL COMMUNICATION	21	19	0
13BJ1A0443	RT41043	DIGITAL IMAGE PROCESSING	20	27	3
13BJ1A0446	RT41041	VLSI DESIGN	13	0	0
13BJ1A0450	RT41043	DIGITAL IMAGE PROCESSING	19	6	0
13BJ1A0457	RT41043	DIGITAL IMAGE PROCESSING	20	0	0
13BJ1A0457	RT41048	RADAR SYSTEMS	18	6	0
13BJ1A0462	RT41043	DIGITAL IMAGE PROCESSING	22	12	0
13BJ1A04E1	RT41043	DIGITAL IMAGE PROCESSING	18	32	3
13BJ1A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	10	0
13BJ1A0595	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	16	0
13BJ5A0304	R41031	REFRIGERATION & AIR CONDITIONING	15	31	4
13BJ5A0306	R41035	MEMS	24	7	0
14BJ1A0107	RT41014	WATER RESOURCES ENGINEERING - II	17	27	3
14BJ1A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	3	0
14BJ1A0122	RT41014	WATER RESOURCES ENGINEERING - II	19	0	0
14BJ1A0129	RT41014	WATER RESOURCES ENGINEERING - II	22	12	0
14BJ1A0137	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	33	3
14BJ1A0140	RT41012	PRESTRESSED CONCRETE	20	30	3
14BJ1A0144	RT41011	ENVIRONMENTAL ENGINEERING- II	22	27	3
14BJ1A0144	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	16	0
14BJ1A0146	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	7	0
14BJ1A0150	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	42	3
14BJ1A0159	RT41011	ENVIRONMENTAL ENGINEERING- II	18	9	0
14BJ1A0159	RT41012	PRESTRESSED CONCRETE	22	3	0
14BJ1A0159	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	8	0
14BJ1A0159	RT41014	WATER RESOURCES ENGINEERING - II	11	7	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0159	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	29	3
14BJ1A0159	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	0	0
14BJ1A0159	RT4101L	ENVIRONMENTAL ENGINEERING LAB	14	40	2
14BJ1A0159	RT4101M	GIS AND CAD LAB	14	40	2
14BJ1A0170	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	38	3
14BJ1A0183	RT41011	ENVIRONMENTAL ENGINEERING- II	16	13	0
14BJ1A0183	RT41014	WATER RESOURCES ENGINEERING - II	12	3	0
14BJ1A0189	RT41014	WATER RESOURCES ENGINEERING - II	13	8	0
14BJ1A0197	RT41012	PRESTRESSED CONCRETE	24	18	0
14BJ1A01A5	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	38	3
14BJ1A01A7	RT41014	WATER RESOURCES ENGINEERING - II	11	19	0
14BJ1A0209	RT41025	INSTRUMENTATION	22	12	0
14BJ1A0218	RT41025	INSTRUMENTATION	23	5	0
14BJ1A0236	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	12	0
14BJ1A0236	RT41025	INSTRUMENTATION	22	30	3
14BJ1A0239	RT41025	INSTRUMENTATION	19	46	3
14BJ1A0240	RT41022	HVAC AND DC TRANSMISSION	23	26	3
14BJ1A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	0	0
14BJ1A0240	RT41025	INSTRUMENTATION	22	-1	0
14BJ1A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	7	0
14BJ1A0303	RT41031	AUTOMOBILE ENGINEERING	16	29	3
14BJ1A0303	RT41033	FINITE ELEMENT METHODS	12	30	3
14BJ1A0303	RT41039	AUTOMATION IN MANUFACTURING	18	12	0
14BJ1A0308	RT41032	CAD / CAM	22	5	0
14BJ1A0308	RT41033	FINITE ELEMENT METHODS	17	9	0
14BJ1A0308	RT41036	NANO TECHNOLOGY	19	5	0
14BJ1A0310	RT41031	AUTOMOBILE ENGINEERING	0	3	0
14BJ1A0310	RT41033	FINITE ELEMENT METHODS	2	0	0
14BJ1A0310	RT41036	NANO TECHNOLOGY	3	16	0
14BJ1A0310	RT41039	AUTOMATION IN MANUFACTURING	3	9	0
14BJ1A0311	RT41032	CAD / CAM	24	4	0
14BJ1A0311	RT41033	FINITE ELEMENT METHODS	19	0	0
14BJ1A0312	RT41033	FINITE ELEMENT METHODS	21	31	3
14BJ1A0316	RT41033	FINITE ELEMENT METHODS	8	-1	0
14BJ1A0316	RT41039	AUTOMATION IN MANUFACTURING	22	-1	0
14BJ1A0317	RT41033	FINITE ELEMENT METHODS	17	9	0
14BJ1A0322	RT41033	FINITE ELEMENT METHODS	17	21	0
14BJ1A0323	RT41033	FINITE ELEMENT METHODS	11	0	0
14BJ1A0330	RT41031	AUTOMOBILE ENGINEERING	22	59	3
14BJ1A0330	RT41032	CAD / CAM	23	15	0
14BJ1A0330	RT41033	FINITE ELEMENT METHODS	15	10	0
14BJ1A0330	RT41039	AUTOMATION IN MANUFACTURING	20	43	3
14BJ1A0337	RT41033	FINITE ELEMENT METHODS	20	18	0
14BJ1A0339	RT41033	FINITE ELEMENT METHODS	13	8	0
14BJ1A0339	RT41039	AUTOMATION IN MANUFACTURING	18	19	0
14BJ1A0341	RT41033	FINITE ELEMENT METHODS	17	11	0
14BJ1A0347	RT41031	AUTOMOBILE ENGINEERING	22	33	3
14BJ1A0347	RT41033	FINITE ELEMENT METHODS	16	11	0
14BJ1A0351	RT41033	FINITE ELEMENT METHODS	9	34	3
14BJ1A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	4	30	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0351	RT41039	AUTOMATION IN MANUFACTURING	15	9	0
14BJ1A0353	RT41031	AUTOMOBILE ENGINEERING	20	31	3
14BJ1A0353	RT41036	NANO TECHNOLOGY	20	5	0
14BJ1A0362	RT41031	AUTOMOBILE ENGINEERING	19	0	0
14BJ1A0362	RT41033	FINITE ELEMENT METHODS	7	11	0
14BJ1A0366	RT41033	FINITE ELEMENT METHODS	11	0	0
14BJ1A0368	RT41031	AUTOMOBILE ENGINEERING	18	3	0
14BJ1A0368	RT41033	FINITE ELEMENT METHODS	15	13	0
14BJ1A0369	RT41031	AUTOMOBILE ENGINEERING	17	10	0
14BJ1A0369	RT41032	CAD / CAM	14	2	0
14BJ1A0369	RT41033	FINITE ELEMENT METHODS	19	9	0
14BJ1A0369	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	7	0
14BJ1A0369	RT41036	NANO TECHNOLOGY	12	2	0
14BJ1A0369	RT41039	AUTOMATION IN MANUFACTURING	21	14	0
14BJ1A0369	RT4103L	SIMULATION LAB	20	41	2
14BJ1A0369	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
14BJ1A0373	RT41031	AUTOMOBILE ENGINEERING	16	24	3
14BJ1A0376	RT41031	AUTOMOBILE ENGINEERING	9	3	0
14BJ1A0376	RT41032	CAD / CAM	19	0	0
14BJ1A0376	RT41033	FINITE ELEMENT METHODS	16	0	0
14BJ1A0377	RT41031	AUTOMOBILE ENGINEERING	21	49	3
14BJ1A0377	RT41033	FINITE ELEMENT METHODS	17	21	0
14BJ1A0378	RT41031	AUTOMOBILE ENGINEERING	10	-1	0
14BJ1A0378	RT41033	FINITE ELEMENT METHODS	8	9	0
14BJ1A0381	RT41033	FINITE ELEMENT METHODS	15	20	0
14BJ1A0386	RT41033	FINITE ELEMENT METHODS	17	13	0
14BJ1A0391	RT41033	FINITE ELEMENT METHODS	18	9	0
14BJ1A0392	RT41033	FINITE ELEMENT METHODS	16	10	0
14BJ1A0393	RT41031	AUTOMOBILE ENGINEERING	18	10	0
14BJ1A0393	RT41032	CAD / CAM	17	-1	0
14BJ1A0393	RT41033	FINITE ELEMENT METHODS	5	18	0
14BJ1A0393	RT41034	UNCONVENTIONAL MACHINING PROCESSES	5	32	0
14BJ1A0394	RT41033	FINITE ELEMENT METHODS	14	19	0
14BJ1A03A3	RT41033	FINITE ELEMENT METHODS	12	43	3
14BJ1A03A7	RT41031	AUTOMOBILE ENGINEERING	10	0	0
14BJ1A03A7	RT41032	CAD / CAM	9	6	0
14BJ1A03A7	RT41033	FINITE ELEMENT METHODS	9	0	0
14BJ1A03A7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	33	3
14BJ1A03A7	RT41036	NANO TECHNOLOGY	8	8	0
14BJ1A03A7	RT41039	AUTOMATION IN MANUFACTURING	12	10	0
14BJ1A03B6	RT41031	AUTOMOBILE ENGINEERING	16	0	0
14BJ1A03B6	RT41033	FINITE ELEMENT METHODS	16	0	0
14BJ1A03C0	RT41031	AUTOMOBILE ENGINEERING	17	11	0
14BJ1A03C0	RT41033	FINITE ELEMENT METHODS	17	24	3
14BJ1A03C2	RT41033	FINITE ELEMENT METHODS	22	-1	0
14BJ1A03C7	RT41031	AUTOMOBILE ENGINEERING	15	26	3
14BJ1A03C7	RT41032	CAD / CAM	13	5	0
14BJ1A03C7	RT41033	FINITE ELEMENT METHODS	14	14	0
14BJ1A03C7	RT41039	AUTOMATION IN MANUFACTURING	15	0	0
14BJ1A03D0	RT41033	FINITE ELEMENT METHODS	13	9	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A03D2	RT41033	FINITE ELEMENT METHODS	11	28	0
14BJ1A0413	RT41041	VLSI DESIGN	19	-1	0
14BJ1A0413	RT41042	COMPUTER NETWORKS	19	-1	0
14BJ1A0413	RT41043	DIGITAL IMAGE PROCESSING	27	-1	0
14BJ1A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	-1	0
14BJ1A0413	RT41048	RADAR SYSTEMS	18	-1	0
14BJ1A0413	RT4104A	OPTICAL COMMUNICATION	16	-1	0
14BJ1A0418	RT41043	DIGITAL IMAGE PROCESSING	20	19	0
14BJ1A0420	RT41043	DIGITAL IMAGE PROCESSING	18	14	0
14BJ1A0435	RT41043	DIGITAL IMAGE PROCESSING	18	3	0
14BJ1A0436	RT41043	DIGITAL IMAGE PROCESSING	27	0	0
14BJ1A0444	RT41043	DIGITAL IMAGE PROCESSING	25	5	0
14BJ1A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	11	0
14BJ1A0444	RT41048	RADAR SYSTEMS	16	2	0
14BJ1A0455	RT41041	VLSI DESIGN	25	15	0
14BJ1A0456	RT41041	VLSI DESIGN	22	13	0
14BJ1A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	-1	0
14BJ1A0458	RT41041	VLSI DESIGN	22	18	0
14BJ1A0468	RT41043	DIGITAL IMAGE PROCESSING	21	3	0
14BJ1A0483	RT41041	VLSI DESIGN	22	31	3
14BJ1A0496	RT41043	DIGITAL IMAGE PROCESSING	23	33	3
14BJ1A04A2	RT41043	DIGITAL IMAGE PROCESSING	26	8	0
14BJ1A04B2	RT41043	DIGITAL IMAGE PROCESSING	24	-1	0
14BJ1A04B3	RT41043	DIGITAL IMAGE PROCESSING	25	4	0
14BJ1A04B8	RT41041	VLSI DESIGN	21	-1	0
14BJ1A04B8	RT41043	DIGITAL IMAGE PROCESSING	25	8	0
14BJ1A04B8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	31	3
14BJ1A04B8	RT41048	RADAR SYSTEMS	18	-1	0
14BJ1A04B8	RT4104A	OPTICAL COMMUNICATION	15	-1	0
14BJ1A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	9	0
14BJ1A0504	RT4105B	HADOOP AND BIG DATA	24	27	3
14BJ1A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	-1	0
14BJ1A0507	RT4105B	HADOOP AND BIG DATA	20	32	3
14BJ1A0516	RT4105B	HADOOP AND BIG DATA	23	19	0
14BJ1A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	10	0
14BJ1A0519	RT4105B	HADOOP AND BIG DATA	20	33	3
14BJ1A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	14	0
14BJ1A0523	RT41052	UML AND DESIGN PATTERNS	13	17	0
14BJ1A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	15	25	3
14BJ1A0523	RT4105B	HADOOP AND BIG DATA	17	24	3
14BJ1A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	12	0
14BJ1A0524	RT4105B	HADOOP AND BIG DATA	22	16	0
14BJ1A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	8	0
14BJ1A0528	RT41053	MOBILE COMPUTING	18	2	0
14BJ1A0528	RT4105B	HADOOP AND BIG DATA	19	22	0
14BJ1A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	7	0
14BJ1A0529	RT41052	UML AND DESIGN PATTERNS	17	0	0
14BJ1A0529	RT41053	MOBILE COMPUTING	17	5	0
14BJ1A0529	RT41054	SOFTWARE TESTING METHODOLOGIES	19	6	0
14BJ1A0529	RT4105B	HADOOP AND BIG DATA	19	6	0

Htno	Subcode	Subname	Internal	External	Credits
14BJ1A0529	RT4105L	UML AND DESIGN PATTERNS LAB	20	43	2
14BJ1A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
14BJ1A0529	RT4105N	SOFTWARE TESTING LAB	16	42	2
14BJ1A0529	RT4105O	HADOOP AND BIGDATA LAB	20	42	2
14BJ1A0550	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	20	14	0
14BJ1A0561	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	19	18	0
14BJ1A0561	RT4105B	HADOOP AND BIG DATA	19	13	0
14BJ1A0564	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	21	15	0
14BJ1A0564	RT41052	UML AND DESIGN PATTERNS	19	34	3
14BJ1A0564	RT4105B	HADOOP AND BIG DATA	24	40	3
14BJ1A0569	RT4105B	HADOOP AND BIG DATA	22	15	0
14BJ1A0576	RT4105B	HADOOP AND BIG DATA	16	27	3
14BJ1A0584	RT4105B	HADOOP AND BIG DATA	27	27	3
14BJ1A0585	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	17	11	0
14BJ1A0585	RT4105B	HADOOP AND BIG DATA	14	16	0
14BJ1A0594	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	17	6	0
14BJ1A0594	RT41052	UML AND DESIGN PATTERNS	13	6	0
14BJ1A0594	RT41053	MOBILE COMPUTING	17	14	0
14BJ1A0594	RT41054	SOFTWARE TESTING METHODOLOGIES	5	16	0
14BJ1A0594	RT4105B	HADOOP AND BIG DATA	15	7	0
14BJ1A05B1	RT4105B	HADOOP AND BIG DATA	16	38	3
14BJ1A05B2	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	14	8	0
14BJ1A05B2	RT4105B	HADOOP AND BIG DATA	11	15	0
14BJ1A05B5	RT4105I	CRYPTOGRAPHY AND NETWORK SECURITY	23	4	0
14BJ1A05B5	RT41054	SOFTWARE TESTING METHODOLOGIES	19	17	0
14BJ5A0404	RT4104I	VLSI DESIGN	19	16	0
14BJ5A0429	RT41043	DIGITAL IMAGE PROCESSING	24	3	0
14BJ5A0432	RT4104I	VLSI DESIGN	12	28	3
15BJ1A0101	RT4101I	ENVIRONMENTAL ENGINEERING- II	24	35	3
15BJ1A0101	RT41012	PRESTRESSED CONCRETE	20	26	3
15BJ1A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	39	3
15BJ1A0101	RT41014	WATER RESOURCES ENGINEERING - II	23	16	0
15BJ1A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	7	0
15BJ1A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	38	3
15BJ1A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
15BJ1A0101	RT4101M	GIS AND CAD LAB	24	49	2
15BJ1A0102	RT4101I	ENVIRONMENTAL ENGINEERING- II	25	42	3
15BJ1A0102	RT41012	PRESTRESSED CONCRETE	29	32	3
15BJ1A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	43	3
15BJ1A0102	RT41014	WATER RESOURCES ENGINEERING - II	26	39	3
15BJ1A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	50	3
15BJ1A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	60	3
15BJ1A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	48	2
15BJ1A0102	RT4101M	GIS AND CAD LAB	25	50	2
15BJ1A0103	RT4101I	ENVIRONMENTAL ENGINEERING- II	28	30	3
15BJ1A0103	RT41012	PRESTRESSED CONCRETE	22	33	3
15BJ1A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	40	3
15BJ1A0103	RT41014	WATER RESOURCES ENGINEERING - II	26	6	0
15BJ1A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	37	3
15BJ1A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	50	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15BJ1A0103	RT4101M	GIS AND CAD LAB	24	49	2
15BJ1A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	29	45	3
15BJ1A0104	RT41012	PRESTRESSED CONCRETE	29	28	3
15BJ1A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	36	3
15BJ1A0104	RT41014	WATER RESOURCES ENGINEERING - II	29	48	3
15BJ1A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	51	3
15BJ1A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	46	3
15BJ1A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
15BJ1A0104	RT4101M	GIS AND CAD LAB	25	50	2
15BJ1A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	26	12	0
15BJ1A0108	RT41012	PRESTRESSED CONCRETE	24	34	3
15BJ1A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	26	3
15BJ1A0108	RT41014	WATER RESOURCES ENGINEERING - II	19	27	3
15BJ1A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	12	0
15BJ1A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	36	3
15BJ1A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	46	2
15BJ1A0108	RT4101M	GIS AND CAD LAB	22	45	2
15BJ1A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	22	40	3
15BJ1A0109	RT41012	PRESTRESSED CONCRETE	20	27	3
15BJ1A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	33	3
15BJ1A0109	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3
15BJ1A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	46	3
15BJ1A0109	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	30	3
15BJ1A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
15BJ1A0109	RT4101M	GIS AND CAD LAB	22	45	2
15BJ1A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	21	25	3
15BJ1A0110	RT41012	PRESTRESSED CONCRETE	29	35	3
15BJ1A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	38	3
15BJ1A0110	RT41014	WATER RESOURCES ENGINEERING - II	25	5	0
15BJ1A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	37	3
15BJ1A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	42	3
15BJ1A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	41	2
15BJ1A0110	RT4101M	GIS AND CAD LAB	23	48	2
15BJ1A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	27	46	3
15BJ1A0112	RT41012	PRESTRESSED CONCRETE	29	69	3
15BJ1A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	55	3
15BJ1A0112	RT41014	WATER RESOURCES ENGINEERING - II	30	52	3
15BJ1A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	50	3
15BJ1A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	52	3
15BJ1A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	48	2
15BJ1A0112	RT4101M	GIS AND CAD LAB	24	48	2
15BJ1A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	23	17	0
15BJ1A0113	RT41012	PRESTRESSED CONCRETE	23	9	0
15BJ1A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	24	3
15BJ1A0113	RT41014	WATER RESOURCES ENGINEERING - II	20	12	0
15BJ1A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	15	7	0
15BJ1A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	30	3
15BJ1A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	41	2
15BJ1A0113	RT4101M	GIS AND CAD LAB	18	42	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	21	37	3
15BJ1A0114	RT41012	PRESTRESSED CONCRETE	26	28	3
15BJ1A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	44	3
15BJ1A0114	RT41014	WATER RESOURCES ENGINEERING - II	26	24	3
15BJ1A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	40	3
15BJ1A0114	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	39	3
15BJ1A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
15BJ1A0114	RT4101M	GIS AND CAD LAB	22	44	2
15BJ1A0116	RT41011	ENVIRONMENTAL ENGINEERING- II	26	28	3
15BJ1A0116	RT41012	PRESTRESSED CONCRETE	18	30	3
15BJ1A0116	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	42	3
15BJ1A0116	RT41014	WATER RESOURCES ENGINEERING - II	18	6	0
15BJ1A0116	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	35	3
15BJ1A0116	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	48	3
15BJ1A0116	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	42	2
15BJ1A0116	RT4101M	GIS AND CAD LAB	20	44	2
15BJ1A0117	RT41011	ENVIRONMENTAL ENGINEERING- II	23	24	3
15BJ1A0117	RT41012	PRESTRESSED CONCRETE	22	40	3
15BJ1A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	29	3
15BJ1A0117	RT41014	WATER RESOURCES ENGINEERING - II	20	14	0
15BJ1A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	34	3
15BJ1A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	19	0
15BJ1A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
15BJ1A0117	RT4101M	GIS AND CAD LAB	20	45	2
15BJ1A0118	RT41011	ENVIRONMENTAL ENGINEERING- II	21	26	3
15BJ1A0118	RT41012	PRESTRESSED CONCRETE	27	30	3
15BJ1A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	14	0
15BJ1A0118	RT41014	WATER RESOURCES ENGINEERING - II	20	25	3
15BJ1A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	12	0
15BJ1A0118	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	29	3
15BJ1A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	43	2
15BJ1A0118	RT4101M	GIS AND CAD LAB	20	45	2
15BJ1A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	21	40	3
15BJ1A0119	RT41012	PRESTRESSED CONCRETE	25	16	0
15BJ1A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	36	3
15BJ1A0119	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3
15BJ1A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	36	3
15BJ1A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	39	3
15BJ1A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
15BJ1A0119	RT4101M	GIS AND CAD LAB	23	46	2
15BJ1A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	21	15	0
15BJ1A0120	RT41012	PRESTRESSED CONCRETE	15	3	0
15BJ1A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	26	3
15BJ1A0120	RT41014	WATER RESOURCES ENGINEERING - II	13	5	0
15BJ1A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	3	0
15BJ1A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	15	15	0
15BJ1A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	42	2
15BJ1A0120	RT4101M	GIS AND CAD LAB	20	43	2
15BJ1A0124	RT41011	ENVIRONMENTAL ENGINEERING- II	25	35	3
15BJ1A0124	RT41012	PRESTRESSED CONCRETE	19	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	47	3
15BJ1A0124	RT41014	WATER RESOURCES ENGINEERING - II	20	0	0
15BJ1A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	27	3
15BJ1A0124	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	10	0
15BJ1A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	46	2
15BJ1A0124	RT4101M	GIS AND CAD LAB	21	43	2
15BJ1A0125	RT41011	ENVIRONMENTAL ENGINEERING- II	24	31	3
15BJ1A0125	RT41012	PRESTRESSED CONCRETE	29	39	3
15BJ1A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	24	3
15BJ1A0125	RT41014	WATER RESOURCES ENGINEERING - II	23	29	3
15BJ1A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	33	3
15BJ1A0125	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	46	3
15BJ1A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	40	2
15BJ1A0125	RT4101M	GIS AND CAD LAB	19	45	2
15BJ1A0126	RT41011	ENVIRONMENTAL ENGINEERING- II	22	41	3
15BJ1A0126	RT41012	PRESTRESSED CONCRETE	28	32	3
15BJ1A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	55	3
15BJ1A0126	RT41014	WATER RESOURCES ENGINEERING - II	25	63	3
15BJ1A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	58	3
15BJ1A0126	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	55	3
15BJ1A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	45	2
15BJ1A0126	RT4101M	GIS AND CAD LAB	22	46	2
15BJ1A0127	RT41011	ENVIRONMENTAL ENGINEERING- II	25	34	3
15BJ1A0127	RT41012	PRESTRESSED CONCRETE	29	27	3
15BJ1A0127	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	34	3
15BJ1A0127	RT41014	WATER RESOURCES ENGINEERING - II	24	24	3
15BJ1A0127	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	36	3
15BJ1A0127	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	44	3
15BJ1A0127	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
15BJ1A0127	RT4101M	GIS AND CAD LAB	23	45	2
15BJ1A0128	RT41011	ENVIRONMENTAL ENGINEERING- II	23	41	3
15BJ1A0128	RT41012	PRESTRESSED CONCRETE	25	43	3
15BJ1A0128	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	45	3
15BJ1A0128	RT41014	WATER RESOURCES ENGINEERING - II	25	29	3
15BJ1A0128	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	46	3
15BJ1A0128	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	38	3
15BJ1A0128	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	39	2
15BJ1A0128	RT4101M	GIS AND CAD LAB	20	44	2
15BJ1A0130	RT41011	ENVIRONMENTAL ENGINEERING- II	20	24	3
15BJ1A0130	RT41012	PRESTRESSED CONCRETE	22	-1	0
15BJ1A0130	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	12	0
15BJ1A0130	RT41014	WATER RESOURCES ENGINEERING - II	22	24	3
15BJ1A0130	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	16	0
15BJ1A0130	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	29	3
15BJ1A0130	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	41	2
15BJ1A0130	RT4101M	GIS AND CAD LAB	23	46	2
15BJ1A0131	RT41011	ENVIRONMENTAL ENGINEERING- II	21	32	3
15BJ1A0131	RT41012	PRESTRESSED CONCRETE	24	25	3
15BJ1A0131	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	32	3
15BJ1A0131	RT41014	WATER RESOURCES ENGINEERING - II	19	16	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	-1	0
15BJ1A0131	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	18	0
15BJ1A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	42	2
15BJ1A0131	RT4101M	GIS AND CAD LAB	20	42	2
15BJ1A0132	RT41011	ENVIRONMENTAL ENGINEERING- II	19	25	3
15BJ1A0132	RT41012	PRESTRESSED CONCRETE	22	12	0
15BJ1A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	26	3
15BJ1A0132	RT41014	WATER RESOURCES ENGINEERING - II	22	16	0
15BJ1A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	16	0
15BJ1A0132	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	35	3
15BJ1A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	42	2
15BJ1A0132	RT4101M	GIS AND CAD LAB	24	49	2
15BJ1A0133	RT41011	ENVIRONMENTAL ENGINEERING- II	20	31	3
15BJ1A0133	RT41012	PRESTRESSED CONCRETE	20	26	3
15BJ1A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	29	3
15BJ1A0133	RT41014	WATER RESOURCES ENGINEERING - II	18	26	3
15BJ1A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	31	3
15BJ1A0133	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	15	0
15BJ1A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	42	2
15BJ1A0133	RT4101M	GIS AND CAD LAB	20	44	2
15BJ1A0134	RT41011	ENVIRONMENTAL ENGINEERING- II	24	46	3
15BJ1A0134	RT41012	PRESTRESSED CONCRETE	28	48	3
15BJ1A0134	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	28	3
15BJ1A0134	RT41014	WATER RESOURCES ENGINEERING - II	25	28	3
15BJ1A0134	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	35	3
15BJ1A0134	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	30	3
15BJ1A0134	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15BJ1A0134	RT4101M	GIS AND CAD LAB	23	48	2
15BJ1A0138	RT41011	ENVIRONMENTAL ENGINEERING- II	28	49	3
15BJ1A0138	RT41012	PRESTRESSED CONCRETE	25	33	3
15BJ1A0138	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	59	3
15BJ1A0138	RT41014	WATER RESOURCES ENGINEERING - II	25	39	3
15BJ1A0138	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	57	3
15BJ1A0138	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	52	3
15BJ1A0138	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15BJ1A0138	RT4101M	GIS AND CAD LAB	24	49	2
15BJ1A0140	RT41011	ENVIRONMENTAL ENGINEERING- II	27	47	3
15BJ1A0140	RT41012	PRESTRESSED CONCRETE	28	38	3
15BJ1A0140	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	44	3
15BJ1A0140	RT41014	WATER RESOURCES ENGINEERING - II	19	8	0
15BJ1A0140	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	37	3
15BJ1A0140	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	43	3
15BJ1A0140	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	43	2
15BJ1A0140	RT4101M	GIS AND CAD LAB	23	46	2
15BJ1A0141	RT41011	ENVIRONMENTAL ENGINEERING- II	17	36	3
15BJ1A0141	RT41012	PRESTRESSED CONCRETE	24	36	3
15BJ1A0141	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	34	3
15BJ1A0141	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3
15BJ1A0141	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	43	3
15BJ1A0141	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	31	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0141	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	42	2
15BJ1A0141	RT4101M	GIS AND CAD LAB	22	46	2
15BJ1A0142	RT41011	ENVIRONMENTAL ENGINEERING- II	28	52	3
15BJ1A0142	RT41012	PRESTRESSED CONCRETE	28	44	3
15BJ1A0142	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	39	3
15BJ1A0142	RT41014	WATER RESOURCES ENGINEERING - II	28	61	3
15BJ1A0142	RT41015	REMOTE SENSING AND GIS APPLICATIONS	30	42	3
15BJ1A0142	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	57	3
15BJ1A0142	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
15BJ1A0142	RT4101M	GIS AND CAD LAB	25	50	2
15BJ1A0143	RT41011	ENVIRONMENTAL ENGINEERING- II	25	45	3
15BJ1A0143	RT41012	PRESTRESSED CONCRETE	30	53	3
15BJ1A0143	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	58	3
15BJ1A0143	RT41014	WATER RESOURCES ENGINEERING - II	29	47	3
15BJ1A0143	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	52	3
15BJ1A0143	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	54	3
15BJ1A0143	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	48	2
15BJ1A0143	RT4101M	GIS AND CAD LAB	25	50	2
15BJ1A0145	RT41011	ENVIRONMENTAL ENGINEERING- II	23	13	0
15BJ1A0145	RT41012	PRESTRESSED CONCRETE	21	31	3
15BJ1A0145	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	40	3
15BJ1A0145	RT41014	WATER RESOURCES ENGINEERING - II	18	9	0
15BJ1A0145	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	34	3
15BJ1A0145	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	36	3
15BJ1A0145	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	40	2
15BJ1A0145	RT4101M	GIS AND CAD LAB	20	44	2
15BJ1A0148	RT41011	ENVIRONMENTAL ENGINEERING- II	22	-1	0
15BJ1A0148	RT41012	PRESTRESSED CONCRETE	20	-1	0
15BJ1A0148	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	-1	0
15BJ1A0148	RT41014	WATER RESOURCES ENGINEERING - II	25	-1	0
15BJ1A0148	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	-1	0
15BJ1A0148	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	-1	0
15BJ1A0148	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15BJ1A0148	RT4101M	GIS AND CAD LAB	20	40	2
15BJ1A0149	RT41011	ENVIRONMENTAL ENGINEERING- II	26	31	3
15BJ1A0149	RT41012	PRESTRESSED CONCRETE	25	35	3
15BJ1A0149	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	24	3
15BJ1A0149	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3
15BJ1A0149	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	14	0
15BJ1A0149	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	37	3
15BJ1A0149	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	39	2
15BJ1A0149	RT4101M	GIS AND CAD LAB	20	45	2
15BJ1A0150	RT41011	ENVIRONMENTAL ENGINEERING- II	22	37	3
15BJ1A0150	RT41012	PRESTRESSED CONCRETE	27	36	3
15BJ1A0150	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	48	3
15BJ1A0150	RT41014	WATER RESOURCES ENGINEERING - II	27	34	3
15BJ1A0150	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	40	3
15BJ1A0150	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	38	3
15BJ1A0150	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	40	2
15BJ1A0150	RT4101M	GIS AND CAD LAB	20	42	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0151	RT41011	ENVIRONMENTAL ENGINEERING- II	19	28	3
15BJ1A0151	RT41012	PRESTRESSED CONCRETE	21	31	3
15BJ1A0151	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	46	3
15BJ1A0151	RT41014	WATER RESOURCES ENGINEERING - II	20	3	0
15BJ1A0151	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	12	0
15BJ1A0151	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	43	3
15BJ1A0151	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	38	2
15BJ1A0151	RT4101M	GIS AND CAD LAB	20	40	2
15BJ1A0152	RT41011	ENVIRONMENTAL ENGINEERING- II	27	39	3
15BJ1A0152	RT41012	PRESTRESSED CONCRETE	28	54	3
15BJ1A0152	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	38	3
15BJ1A0152	RT41014	WATER RESOURCES ENGINEERING - II	21	25	3
15BJ1A0152	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	44	3
15BJ1A0152	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	50	3
15BJ1A0152	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	43	2
15BJ1A0152	RT4101M	GIS AND CAD LAB	23	47	2
15BJ1A0153	RT41011	ENVIRONMENTAL ENGINEERING- II	24	46	3
15BJ1A0153	RT41012	PRESTRESSED CONCRETE	30	40	3
15BJ1A0153	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	32	3
15BJ1A0153	RT41014	WATER RESOURCES ENGINEERING - II	27	47	3
15BJ1A0153	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	17	0
15BJ1A0153	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	49	3
15BJ1A0153	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15BJ1A0153	RT4101M	GIS AND CAD LAB	22	45	2
15BJ1A0154	RT41011	ENVIRONMENTAL ENGINEERING- II	19	37	3
15BJ1A0154	RT41012	PRESTRESSED CONCRETE	22	28	3
15BJ1A0154	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	38	3
15BJ1A0154	RT41014	WATER RESOURCES ENGINEERING - II	20	10	0
15BJ1A0154	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	40	3
15BJ1A0154	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	27	3
15BJ1A0154	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	45	2
15BJ1A0154	RT4101M	GIS AND CAD LAB	20	46	2
15BJ1A0155	RT41011	ENVIRONMENTAL ENGINEERING- II	21	30	3
15BJ1A0155	RT41012	PRESTRESSED CONCRETE	21	37	3
15BJ1A0155	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	47	3
15BJ1A0155	RT41014	WATER RESOURCES ENGINEERING - II	23	0	0
15BJ1A0155	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	34	3
15BJ1A0155	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	38	3
15BJ1A0155	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
15BJ1A0155	RT4101M	GIS AND CAD LAB	20	45	2
15BJ1A0156	RT41011	ENVIRONMENTAL ENGINEERING- II	18	46	3
15BJ1A0156	RT41012	PRESTRESSED CONCRETE	11	-1	0
15BJ1A0156	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	-1	0
15BJ1A0156	RT41014	WATER RESOURCES ENGINEERING - II	22	27	3
15BJ1A0156	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	46	3
15BJ1A0156	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	39	3
15BJ1A0156	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	40	2
15BJ1A0156	RT4101M	GIS AND CAD LAB	20	35	2
15BJ1A0157	RT41011	ENVIRONMENTAL ENGINEERING- II	24	35	3
15BJ1A0157	RT41012	PRESTRESSED CONCRETE	26	44	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0157	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	28	3
15BJ1A0157	RT41014	WATER RESOURCES ENGINEERING - II	22	41	3
15BJ1A0157	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	27	3
15BJ1A0157	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	35	3
15BJ1A0157	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	40	2
15BJ1A0157	RT4101M	GIS AND CAD LAB	23	46	2
15BJ1A0159	RT41011	ENVIRONMENTAL ENGINEERING- II	23	40	3
15BJ1A0159	RT41012	PRESTRESSED CONCRETE	27	28	3
15BJ1A0159	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	38	3
15BJ1A0159	RT41014	WATER RESOURCES ENGINEERING - II	24	28	3
15BJ1A0159	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	44	3
15BJ1A0159	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	36	3
15BJ1A0159	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	40	2
15BJ1A0159	RT4101M	GIS AND CAD LAB	20	44	2
15BJ1A0160	RT41011	ENVIRONMENTAL ENGINEERING- II	26	46	3
15BJ1A0160	RT41012	PRESTRESSED CONCRETE	29	43	3
15BJ1A0160	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	44	3
15BJ1A0160	RT41014	WATER RESOURCES ENGINEERING - II	26	24	3
15BJ1A0160	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	34	3
15BJ1A0160	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	57	3
15BJ1A0160	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15BJ1A0160	RT4101M	GIS AND CAD LAB	23	44	2
15BJ1A0161	RT41011	ENVIRONMENTAL ENGINEERING- II	28	45	3
15BJ1A0161	RT41012	PRESTRESSED CONCRETE	26	52	3
15BJ1A0161	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	58	3
15BJ1A0161	RT41014	WATER RESOURCES ENGINEERING - II	25	30	3
15BJ1A0161	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	52	3
15BJ1A0161	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	52	3
15BJ1A0161	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15BJ1A0161	RT4101M	GIS AND CAD LAB	24	48	2
15BJ1A0162	RT41011	ENVIRONMENTAL ENGINEERING- II	24	33	3
15BJ1A0162	RT41012	PRESTRESSED CONCRETE	23	27	3
15BJ1A0162	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	25	3
15BJ1A0162	RT41014	WATER RESOURCES ENGINEERING - II	22	34	3
15BJ1A0162	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	34	3
15BJ1A0162	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	7	0
15BJ1A0162	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	47	2
15BJ1A0162	RT4101M	GIS AND CAD LAB	24	48	2
15BJ1A0163	RT41011	ENVIRONMENTAL ENGINEERING- II	26	42	3
15BJ1A0163	RT41012	PRESTRESSED CONCRETE	27	42	3
15BJ1A0163	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	70	3
15BJ1A0163	RT41014	WATER RESOURCES ENGINEERING - II	24	57	3
15BJ1A0163	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	49	3
15BJ1A0163	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	48	3
15BJ1A0163	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
15BJ1A0163	RT4101M	GIS AND CAD LAB	24	48	2
15BJ1A0164	RT41011	ENVIRONMENTAL ENGINEERING- II	23	27	3
15BJ1A0164	RT41012	PRESTRESSED CONCRETE	26	36	3
15BJ1A0164	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	37	3
15BJ1A0164	RT41014	WATER RESOURCES ENGINEERING - II	23	24	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0164	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	34	3
15BJ1A0164	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	50	3
15BJ1A0164	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	40	2
15BJ1A0164	RT4101M	GIS AND CAD LAB	22	46	2
15BJ1A0166	RT41011	ENVIRONMENTAL ENGINEERING- II	24	34	3
15BJ1A0166	RT41012	PRESTRESSED CONCRETE	27	52	3
15BJ1A0166	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	41	3
15BJ1A0166	RT41014	WATER RESOURCES ENGINEERING - II	23	33	3
15BJ1A0166	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	40	3
15BJ1A0166	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	47	3
15BJ1A0166	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	45	2
15BJ1A0166	RT4101M	GIS AND CAD LAB	23	48	2
15BJ1A0167	RT41011	ENVIRONMENTAL ENGINEERING- II	27	49	3
15BJ1A0167	RT41012	PRESTRESSED CONCRETE	29	51	3
15BJ1A0167	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	45	3
15BJ1A0167	RT41014	WATER RESOURCES ENGINEERING - II	28	30	3
15BJ1A0167	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	34	3
15BJ1A0167	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	49	3
15BJ1A0167	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	49	2
15BJ1A0167	RT4101M	GIS AND CAD LAB	25	49	2
15BJ1A0172	RT41011	ENVIRONMENTAL ENGINEERING- II	23	41	3
15BJ1A0172	RT41012	PRESTRESSED CONCRETE	22	37	3
15BJ1A0172	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	53	3
15BJ1A0172	RT41014	WATER RESOURCES ENGINEERING - II	23	43	3
15BJ1A0172	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	52	3
15BJ1A0172	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	48	3
15BJ1A0172	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
15BJ1A0172	RT4101M	GIS AND CAD LAB	23	47	2
15BJ1A0173	RT41011	ENVIRONMENTAL ENGINEERING- II	22	38	3
15BJ1A0173	RT41012	PRESTRESSED CONCRETE	19	39	3
15BJ1A0173	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	43	3
15BJ1A0173	RT41014	WATER RESOURCES ENGINEERING - II	22	12	0
15BJ1A0173	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	34	3
15BJ1A0173	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	40	3
15BJ1A0173	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	39	2
15BJ1A0173	RT4101M	GIS AND CAD LAB	20	40	2
15BJ1A0174	RT41011	ENVIRONMENTAL ENGINEERING- II	16	34	3
15BJ1A0174	RT41012	PRESTRESSED CONCRETE	20	17	0
15BJ1A0174	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	29	3
15BJ1A0174	RT41014	WATER RESOURCES ENGINEERING - II	4	12	0
15BJ1A0174	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	36	3
15BJ1A0174	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	29	3
15BJ1A0174	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	44	2
15BJ1A0174	RT4101M	GIS AND CAD LAB	21	41	2
15BJ1A0175	RT41011	ENVIRONMENTAL ENGINEERING- II	24	17	0
15BJ1A0175	RT41012	PRESTRESSED CONCRETE	24	27	3
15BJ1A0175	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	3	0
15BJ1A0175	RT41014	WATER RESOURCES ENGINEERING - II	19	2	0
15BJ1A0175	RT41015	REMOTE SENSING AND GIS APPLICATIONS	17	12	0
15BJ1A0175	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	27	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0175	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
15BJ1A0175	RT4101M	GIS AND CAD LAB	22	41	2
15BJ1A0176	RT41011	ENVIRONMENTAL ENGINEERING- II	23	32	3
15BJ1A0176	RT41012	PRESTRESSED CONCRETE	25	29	3
15BJ1A0176	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	49	3
15BJ1A0176	RT41014	WATER RESOURCES ENGINEERING - II	22	27	3
15BJ1A0176	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	54	3
15BJ1A0176	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	46	3
15BJ1A0176	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
15BJ1A0176	RT4101M	GIS AND CAD LAB	22	41	2
15BJ1A0177	RT41011	ENVIRONMENTAL ENGINEERING- II	22	40	3
15BJ1A0177	RT41012	PRESTRESSED CONCRETE	23	49	3
15BJ1A0177	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	43	3
15BJ1A0177	RT41014	WATER RESOURCES ENGINEERING - II	19	2	0
15BJ1A0177	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	34	3
15BJ1A0177	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	38	3
15BJ1A0177	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	46	2
15BJ1A0177	RT4101M	GIS AND CAD LAB	22	41	2
15BJ1A0178	RT41011	ENVIRONMENTAL ENGINEERING- II	21	18	0
15BJ1A0178	RT41012	PRESTRESSED CONCRETE	26	22	0
15BJ1A0178	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	10	2	0
15BJ1A0178	RT41014	WATER RESOURCES ENGINEERING - II	19	4	0
15BJ1A0178	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	5	0
15BJ1A0178	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	5	0
15BJ1A0178	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	45	2
15BJ1A0178	RT4101M	GIS AND CAD LAB	21	41	2
15BJ1A0179	RT41011	ENVIRONMENTAL ENGINEERING- II	22	40	3
15BJ1A0179	RT41012	PRESTRESSED CONCRETE	21	35	3
15BJ1A0179	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	27	3
15BJ1A0179	RT41014	WATER RESOURCES ENGINEERING - II	21	27	3
15BJ1A0179	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	26	3
15BJ1A0179	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	36	3
15BJ1A0179	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
15BJ1A0179	RT4101M	GIS AND CAD LAB	21	41	2
15BJ1A0181	RT41011	ENVIRONMENTAL ENGINEERING- II	25	40	3
15BJ1A0181	RT41012	PRESTRESSED CONCRETE	27	32	3
15BJ1A0181	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	32	3
15BJ1A0181	RT41014	WATER RESOURCES ENGINEERING - II	21	46	3
15BJ1A0181	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	51	3
15BJ1A0181	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	39	3
15BJ1A0181	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	45	2
15BJ1A0181	RT4101M	GIS AND CAD LAB	22	44	2
15BJ1A0184	RT41011	ENVIRONMENTAL ENGINEERING- II	19	14	0
15BJ1A0184	RT41012	PRESTRESSED CONCRETE	17	40	3
15BJ1A0184	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	33	3
15BJ1A0184	RT41014	WATER RESOURCES ENGINEERING - II	19	9	0
15BJ1A0184	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	12	0
15BJ1A0184	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	29	3
15BJ1A0184	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	42	2
15BJ1A0184	RT4101M	GIS AND CAD LAB	21	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	53	3
15BJ1A0201	RT41022	HVAC AND DC TRANSMISSION	24	52	3
15BJ1A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	34	3
15BJ1A0201	RT41025	INSTRUMENTATION	29	41	3
15BJ1A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	51	3
15BJ1A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15BJ1A0201	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15BJ1A0201	RT4102N	POWER SYSTEMS LAB	24	49	2
15BJ1A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	45	3
15BJ1A0203	RT41022	HVAC AND DC TRANSMISSION	27	32	3
15BJ1A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	50	3
15BJ1A0203	RT41025	INSTRUMENTATION	28	52	3
15BJ1A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	55	3
15BJ1A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15BJ1A0203	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15BJ1A0203	RT4102N	POWER SYSTEMS LAB	24	48	2
15BJ1A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	50	3
15BJ1A0204	RT41022	HVAC AND DC TRANSMISSION	27	47	3
15BJ1A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	32	3
15BJ1A0204	RT41025	INSTRUMENTATION	24	34	3
15BJ1A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	38	3
15BJ1A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
15BJ1A0204	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
15BJ1A0204	RT4102N	POWER SYSTEMS LAB	25	50	2
15BJ1A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	7	0
15BJ1A0206	RT41022	HVAC AND DC TRANSMISSION	16	30	3
15BJ1A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	5	0
15BJ1A0206	RT41025	INSTRUMENTATION	28	25	3
15BJ1A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	34	3
15BJ1A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15BJ1A0206	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15BJ1A0206	RT4102N	POWER SYSTEMS LAB	21	45	2
15BJ1A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	45	3
15BJ1A0207	RT41022	HVAC AND DC TRANSMISSION	22	40	3
15BJ1A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	40	3
15BJ1A0207	RT41025	INSTRUMENTATION	25	35	3
15BJ1A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	42	3
15BJ1A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
15BJ1A0207	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15BJ1A0207	RT4102N	POWER SYSTEMS LAB	24	47	2
15BJ1A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	43	3
15BJ1A0208	RT41022	HVAC AND DC TRANSMISSION	23	32	3
15BJ1A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	34	3
15BJ1A0208	RT41025	INSTRUMENTATION	28	45	3
15BJ1A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	36	3
15BJ1A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15BJ1A0208	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
15BJ1A0208	RT4102N	POWER SYSTEMS LAB	22	45	2
15BJ1A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	54	3
15BJ1A0209	RT41022	HVAC AND DC TRANSMISSION	21	56	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	24	3
15BJ1A0209	RT41025	INSTRUMENTATION	30	46	3
15BJ1A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	52	3
15BJ1A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15BJ1A0209	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
15BJ1A0209	RT4102N	POWER SYSTEMS LAB	23	47	2
15BJ1A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	0	0
15BJ1A0212	RT41022	HVAC AND DC TRANSMISSION	27	39	3
15BJ1A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	18	0
15BJ1A0212	RT41025	INSTRUMENTATION	29	16	0
15BJ1A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	26	3
15BJ1A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15BJ1A0212	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
15BJ1A0212	RT4102N	POWER SYSTEMS LAB	23	46	2
15BJ1A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	39	3
15BJ1A0216	RT41022	HVAC AND DC TRANSMISSION	27	44	3
15BJ1A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	34	3
15BJ1A0216	RT41025	INSTRUMENTATION	30	39	3
15BJ1A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	63	3
15BJ1A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
15BJ1A0216	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
15BJ1A0216	RT4102N	POWER SYSTEMS LAB	23	46	2
15BJ1A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	40	3
15BJ1A0218	RT41022	HVAC AND DC TRANSMISSION	24	32	3
15BJ1A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	28	3
15BJ1A0218	RT41025	INSTRUMENTATION	25	35	3
15BJ1A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	37	3
15BJ1A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
15BJ1A0218	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
15BJ1A0218	RT4102N	POWER SYSTEMS LAB	22	45	2
15BJ1A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	37	3
15BJ1A0221	RT41022	HVAC AND DC TRANSMISSION	21	15	0
15BJ1A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	16	0
15BJ1A0221	RT41025	INSTRUMENTATION	27	15	0
15BJ1A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	3	0
15BJ1A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
15BJ1A0221	RT4102M	ELECTRICAL SIMULATION LAB	24	46	2
15BJ1A0221	RT4102N	POWER SYSTEMS LAB	21	45	2
15BJ1A0301	RT41031	AUTOMOBILE ENGINEERING	21	24	3
15BJ1A0301	RT41032	CAD / CAM	15	10	0
15BJ1A0301	RT41033	FINITE ELEMENT METHODS	16	18	0
15BJ1A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	37	3
15BJ1A0301	RT41036	NANO TECHNOLOGY	20	24	3
15BJ1A0301	RT41039	AUTOMATION IN MANUFACTURING	23	10	0
15BJ1A0301	RT4103L	SIMULATION LAB	21	42	2
15BJ1A0301	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0305	RT41031	AUTOMOBILE ENGINEERING	17	38	3
15BJ1A0305	RT41032	CAD / CAM	17	3	0
15BJ1A0305	RT41033	FINITE ELEMENT METHODS	17	0	0
15BJ1A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	17	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0305	RT41036	NANO TECHNOLOGY	17	5	0
15BJ1A0305	RT41039	AUTOMATION IN MANUFACTURING	17	34	3
15BJ1A0305	RT4103L	SIMULATION LAB	15	36	2
15BJ1A0305	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15BJ1A0306	RT41031	AUTOMOBILE ENGINEERING	18	13	0
15BJ1A0306	RT41032	CAD / CAM	13	3	0
15BJ1A0306	RT41033	FINITE ELEMENT METHODS	20	6	0
15BJ1A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	35	3
15BJ1A0306	RT41036	NANO TECHNOLOGY	19	0	0
15BJ1A0306	RT41039	AUTOMATION IN MANUFACTURING	17	35	3
15BJ1A0306	RT4103L	SIMULATION LAB	18	38	2
15BJ1A0306	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0307	RT41031	AUTOMOBILE ENGINEERING	19	28	3
15BJ1A0307	RT41032	CAD / CAM	18	16	0
15BJ1A0307	RT41033	FINITE ELEMENT METHODS	18	6	0
15BJ1A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	33	3
15BJ1A0307	RT41036	NANO TECHNOLOGY	17	10	0
15BJ1A0307	RT41039	AUTOMATION IN MANUFACTURING	20	36	3
15BJ1A0307	RT4103L	SIMULATION LAB	19	38	2
15BJ1A0307	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0308	RT41031	AUTOMOBILE ENGINEERING	23	24	3
15BJ1A0308	RT41032	CAD / CAM	17	26	3
15BJ1A0308	RT41033	FINITE ELEMENT METHODS	21	31	3
15BJ1A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	44	3
15BJ1A0308	RT41036	NANO TECHNOLOGY	17	56	3
15BJ1A0308	RT41039	AUTOMATION IN MANUFACTURING	22	28	3
15BJ1A0308	RT4103L	SIMULATION LAB	19	40	2
15BJ1A0308	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0309	RT41031	AUTOMOBILE ENGINEERING	20	24	3
15BJ1A0309	RT41032	CAD / CAM	21	15	0
15BJ1A0309	RT41033	FINITE ELEMENT METHODS	22	24	3
15BJ1A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	28	3
15BJ1A0309	RT41036	NANO TECHNOLOGY	20	42	3
15BJ1A0309	RT41039	AUTOMATION IN MANUFACTURING	21	48	3
15BJ1A0309	RT4103L	SIMULATION LAB	18	42	2
15BJ1A0309	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15BJ1A0310	RT41031	AUTOMOBILE ENGINEERING	23	56	3
15BJ1A0310	RT41032	CAD / CAM	22	33	3
15BJ1A0310	RT41033	FINITE ELEMENT METHODS	19	24	3
15BJ1A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	42	3
15BJ1A0310	RT41036	NANO TECHNOLOGY	19	31	3
15BJ1A0310	RT41039	AUTOMATION IN MANUFACTURING	19	42	3
15BJ1A0310	RT4103L	SIMULATION LAB	21	42	2
15BJ1A0310	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15BJ1A0311	RT41031	AUTOMOBILE ENGINEERING	26	48	3
15BJ1A0311	RT41032	CAD / CAM	24	29	3
15BJ1A0311	RT41033	FINITE ELEMENT METHODS	28	35	3
15BJ1A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	49	3
15BJ1A0311	RT41036	NANO TECHNOLOGY	23	25	3
15BJ1A0311	RT41039	AUTOMATION IN MANUFACTURING	23	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0311	RT4103L	SIMULATION LAB	24	48	2
15BJ1A0311	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
15BJ1A0313	RT41031	AUTOMOBILE ENGINEERING	17	14	0
15BJ1A0313	RT41032	CAD / CAM	22	13	0
15BJ1A0313	RT41033	FINITE ELEMENT METHODS	20	31	3
15BJ1A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	38	3
15BJ1A0313	RT41036	NANO TECHNOLOGY	18	41	3
15BJ1A0313	RT41039	AUTOMATION IN MANUFACTURING	19	14	0
15BJ1A0313	RT4103L	SIMULATION LAB	20	43	2
15BJ1A0313	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0316	RT41031	AUTOMOBILE ENGINEERING	19	45	3
15BJ1A0316	RT41032	CAD / CAM	16	17	0
15BJ1A0316	RT41033	FINITE ELEMENT METHODS	17	8	0
15BJ1A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	28	3
15BJ1A0316	RT41036	NANO TECHNOLOGY	19	0	0
15BJ1A0316	RT41039	AUTOMATION IN MANUFACTURING	21	37	3
15BJ1A0316	RT4103L	SIMULATION LAB	21	43	2
15BJ1A0316	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0318	RT41031	AUTOMOBILE ENGINEERING	23	47	3
15BJ1A0318	RT41032	CAD / CAM	19	11	0
15BJ1A0318	RT41033	FINITE ELEMENT METHODS	18	13	0
15BJ1A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	59	3
15BJ1A0318	RT41036	NANO TECHNOLOGY	20	24	3
15BJ1A0318	RT41039	AUTOMATION IN MANUFACTURING	23	45	3
15BJ1A0318	RT4103L	SIMULATION LAB	23	46	2
15BJ1A0318	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15BJ1A0321	RT41031	AUTOMOBILE ENGINEERING	22	41	3
15BJ1A0321	RT41032	CAD / CAM	23	49	3
15BJ1A0321	RT41033	FINITE ELEMENT METHODS	19	28	3
15BJ1A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	44	3
15BJ1A0321	RT41036	NANO TECHNOLOGY	18	36	3
15BJ1A0321	RT41039	AUTOMATION IN MANUFACTURING	24	49	3
15BJ1A0321	RT4103L	SIMULATION LAB	22	42	2
15BJ1A0321	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0322	RT41031	AUTOMOBILE ENGINEERING	24	31	3
15BJ1A0322	RT41032	CAD / CAM	23	24	3
15BJ1A0322	RT41033	FINITE ELEMENT METHODS	19	31	3
15BJ1A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	41	3
15BJ1A0322	RT41036	NANO TECHNOLOGY	20	46	3
15BJ1A0322	RT41039	AUTOMATION IN MANUFACTURING	20	24	3
15BJ1A0322	RT4103L	SIMULATION LAB	24	48	2
15BJ1A0322	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15BJ1A0324	RT41031	AUTOMOBILE ENGINEERING	26	51	3
15BJ1A0324	RT41032	CAD / CAM	26	31	3
15BJ1A0324	RT41033	FINITE ELEMENT METHODS	24	30	3
15BJ1A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	30	3
15BJ1A0324	RT41036	NANO TECHNOLOGY	22	24	3
15BJ1A0324	RT41039	AUTOMATION IN MANUFACTURING	25	48	3
15BJ1A0324	RT4103L	SIMULATION LAB	23	46	2
15BJ1A0324	RT4103M	DESIGN FABRICATION PROJECT	45	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0325	RT41031	AUTOMOBILE ENGINEERING	21	47	3
15BJ1A0325	RT41032	CAD / CAM	18	4	0
15BJ1A0325	RT41033	FINITE ELEMENT METHODS	21	0	0
15BJ1A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	39	3
15BJ1A0325	RT41036	NANO TECHNOLOGY	16	24	3
15BJ1A0325	RT41039	AUTOMATION IN MANUFACTURING	23	40	3
15BJ1A0325	RT4103L	SIMULATION LAB	22	44	2
15BJ1A0325	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0328	RT41031	AUTOMOBILE ENGINEERING	20	38	3
15BJ1A0328	RT41032	CAD / CAM	22	24	3
15BJ1A0328	RT41033	FINITE ELEMENT METHODS	19	27	3
15BJ1A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	40	3
15BJ1A0328	RT41036	NANO TECHNOLOGY	16	24	3
15BJ1A0328	RT41039	AUTOMATION IN MANUFACTURING	21	3	0
15BJ1A0328	RT4103L	SIMULATION LAB	22	42	2
15BJ1A0328	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0330	RT41031	AUTOMOBILE ENGINEERING	20	31	3
15BJ1A0330	RT41032	CAD / CAM	22	25	3
15BJ1A0330	RT41033	FINITE ELEMENT METHODS	21	31	3
15BJ1A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	36	3
15BJ1A0330	RT41036	NANO TECHNOLOGY	19	51	3
15BJ1A0330	RT41039	AUTOMATION IN MANUFACTURING	17	30	3
15BJ1A0330	RT4103L	SIMULATION LAB	24	48	2
15BJ1A0330	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15BJ1A0331	RT41031	AUTOMOBILE ENGINEERING	19	13	0
15BJ1A0331	RT41032	CAD / CAM	23	18	0
15BJ1A0331	RT41033	FINITE ELEMENT METHODS	21	24	3
15BJ1A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	8	0
15BJ1A0331	RT41036	NANO TECHNOLOGY	18	4	0
15BJ1A0331	RT41039	AUTOMATION IN MANUFACTURING	20	34	3
15BJ1A0331	RT4103L	SIMULATION LAB	23	42	2
15BJ1A0331	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0332	RT41031	AUTOMOBILE ENGINEERING	16	27	3
15BJ1A0332	RT41032	CAD / CAM	17	25	3
15BJ1A0332	RT41033	FINITE ELEMENT METHODS	20	9	0
15BJ1A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	42	3
15BJ1A0332	RT41036	NANO TECHNOLOGY	18	24	3
15BJ1A0332	RT41039	AUTOMATION IN MANUFACTURING	22	40	3
15BJ1A0332	RT4103L	SIMULATION LAB	22	38	2
15BJ1A0332	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0333	RT41031	AUTOMOBILE ENGINEERING	17	1	0
15BJ1A0333	RT41032	CAD / CAM	9	2	0
15BJ1A0333	RT41033	FINITE ELEMENT METHODS	16	10	0
15BJ1A0333	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	42	3
15BJ1A0333	RT41036	NANO TECHNOLOGY	13	0	0
15BJ1A0333	RT41039	AUTOMATION IN MANUFACTURING	16	3	0
15BJ1A0333	RT4103L	SIMULATION LAB	23	40	2
15BJ1A0333	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0334	RT41031	AUTOMOBILE ENGINEERING	18	30	3
15BJ1A0334	RT41032	CAD / CAM	24	15	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0334	RT41033	FINITE ELEMENT METHODS	23	24	3
15BJ1A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	27	3
15BJ1A0334	RT41036	NANO TECHNOLOGY	22	29	3
15BJ1A0334	RT41039	AUTOMATION IN MANUFACTURING	23	4	0
15BJ1A0334	RT4103L	SIMULATION LAB	21	42	2
15BJ1A0334	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15BJ1A0335	RT41031	AUTOMOBILE ENGINEERING	16	24	3
15BJ1A0335	RT41032	CAD / CAM	21	5	0
15BJ1A0335	RT41033	FINITE ELEMENT METHODS	21	12	0
15BJ1A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	15	0
15BJ1A0335	RT41036	NANO TECHNOLOGY	17	16	0
15BJ1A0335	RT41039	AUTOMATION IN MANUFACTURING	18	38	3
15BJ1A0335	RT4103L	SIMULATION LAB	22	44	2
15BJ1A0335	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0336	RT41031	AUTOMOBILE ENGINEERING	23	38	3
15BJ1A0336	RT41032	CAD / CAM	22	37	3
15BJ1A0336	RT41033	FINITE ELEMENT METHODS	26	24	3
15BJ1A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	48	3
15BJ1A0336	RT41036	NANO TECHNOLOGY	23	30	3
15BJ1A0336	RT41039	AUTOMATION IN MANUFACTURING	23	40	3
15BJ1A0336	RT4103L	SIMULATION LAB	23	47	2
15BJ1A0336	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15BJ1A0337	RT41031	AUTOMOBILE ENGINEERING	23	7	0
15BJ1A0337	RT41032	CAD / CAM	15	11	0
15BJ1A0337	RT41033	FINITE ELEMENT METHODS	15	16	0
15BJ1A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	33	3
15BJ1A0337	RT41036	NANO TECHNOLOGY	16	0	0
15BJ1A0337	RT41039	AUTOMATION IN MANUFACTURING	19	9	0
15BJ1A0337	RT4103L	SIMULATION LAB	22	42	2
15BJ1A0337	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0345	RT41031	AUTOMOBILE ENGINEERING	24	24	3
15BJ1A0345	RT41032	CAD / CAM	22	0	0
15BJ1A0345	RT41033	FINITE ELEMENT METHODS	18	6	0
15BJ1A0345	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	25	3
15BJ1A0345	RT41036	NANO TECHNOLOGY	19	12	0
15BJ1A0345	RT41039	AUTOMATION IN MANUFACTURING	18	6	0
15BJ1A0345	RT4103L	SIMULATION LAB	20	41	2
15BJ1A0345	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15BJ1A0346	RT41031	AUTOMOBILE ENGINEERING	23	37	3
15BJ1A0346	RT41032	CAD / CAM	23	12	0
15BJ1A0346	RT41033	FINITE ELEMENT METHODS	23	12	0
15BJ1A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	29	3
15BJ1A0346	RT41036	NANO TECHNOLOGY	17	31	3
15BJ1A0346	RT41039	AUTOMATION IN MANUFACTURING	23	42	3
15BJ1A0346	RT4103L	SIMULATION LAB	20	42	2
15BJ1A0346	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0348	RT41031	AUTOMOBILE ENGINEERING	17	7	0
15BJ1A0348	RT41032	CAD / CAM	17	13	0
15BJ1A0348	RT41033	FINITE ELEMENT METHODS	23	9	0
15BJ1A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	30	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0348	RT41036	NANO TECHNOLOGY	16	4	0
15BJ1A0348	RT41039	AUTOMATION IN MANUFACTURING	17	38	3
15BJ1A0348	RT4103L	SIMULATION LAB	20	42	2
15BJ1A0348	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0349	RT41031	AUTOMOBILE ENGINEERING	18	54	3
15BJ1A0349	RT41032	CAD / CAM	22	39	3
15BJ1A0349	RT41033	FINITE ELEMENT METHODS	20	33	3
15BJ1A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	52	3
15BJ1A0349	RT41036	NANO TECHNOLOGY	22	35	3
15BJ1A0349	RT41039	AUTOMATION IN MANUFACTURING	24	15	0
15BJ1A0349	RT4103L	SIMULATION LAB	20	41	2
15BJ1A0349	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0350	RT41031	AUTOMOBILE ENGINEERING	22	16	0
15BJ1A0350	RT41032	CAD / CAM	16	9	0
15BJ1A0350	RT41033	FINITE ELEMENT METHODS	22	31	3
15BJ1A0350	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	31	3
15BJ1A0350	RT41036	NANO TECHNOLOGY	18	50	3
15BJ1A0350	RT41039	AUTOMATION IN MANUFACTURING	17	30	3
15BJ1A0350	RT4103L	SIMULATION LAB	22	42	2
15BJ1A0350	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0352	RT41031	AUTOMOBILE ENGINEERING	19	44	3
15BJ1A0352	RT41032	CAD / CAM	18	26	3
15BJ1A0352	RT41033	FINITE ELEMENT METHODS	18	17	0
15BJ1A0352	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	31	3
15BJ1A0352	RT41036	NANO TECHNOLOGY	16	27	3
15BJ1A0352	RT41039	AUTOMATION IN MANUFACTURING	19	42	3
15BJ1A0352	RT4103L	SIMULATION LAB	23	46	2
15BJ1A0352	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15BJ1A0353	RT41031	AUTOMOBILE ENGINEERING	18	35	3
15BJ1A0353	RT41032	CAD / CAM	17	33	3
15BJ1A0353	RT41033	FINITE ELEMENT METHODS	25	17	0
15BJ1A0353	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	55	3
15BJ1A0353	RT41036	NANO TECHNOLOGY	19	24	3
15BJ1A0353	RT41039	AUTOMATION IN MANUFACTURING	17	46	3
15BJ1A0353	RT4103L	SIMULATION LAB	22	44	2
15BJ1A0353	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0355	RT41031	AUTOMOBILE ENGINEERING	21	42	3
15BJ1A0355	RT41032	CAD / CAM	18	19	0
15BJ1A0355	RT41033	FINITE ELEMENT METHODS	19	13	0
15BJ1A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	38	3
15BJ1A0355	RT41036	NANO TECHNOLOGY	14	4	0
15BJ1A0355	RT41039	AUTOMATION IN MANUFACTURING	20	24	3
15BJ1A0355	RT4103L	SIMULATION LAB	18	38	2
15BJ1A0355	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15BJ1A0356	RT41031	AUTOMOBILE ENGINEERING	22	43	3
15BJ1A0356	RT41032	CAD / CAM	21	9	0
15BJ1A0356	RT41033	FINITE ELEMENT METHODS	22	30	3
15BJ1A0356	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	33	3
15BJ1A0356	RT41036	NANO TECHNOLOGY	18	56	3
15BJ1A0356	RT41039	AUTOMATION IN MANUFACTURING	24	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0356	RT4103L	SIMULATION LAB	23	46	2
15BJ1A0356	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15BJ1A0359	RT41031	AUTOMOBILE ENGINEERING	18	14	0
15BJ1A0359	RT41032	CAD / CAM	23	0	0
15BJ1A0359	RT41033	FINITE ELEMENT METHODS	17	10	0
15BJ1A0359	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	3	0
15BJ1A0359	RT41036	NANO TECHNOLOGY	15	2	0
15BJ1A0359	RT41039	AUTOMATION IN MANUFACTURING	19	11	0
15BJ1A0359	RT4103L	SIMULATION LAB	23	42	2
15BJ1A0359	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15BJ1A0360	RT41031	AUTOMOBILE ENGINEERING	15	5	0
15BJ1A0360	RT41032	CAD / CAM	19	17	0
15BJ1A0360	RT41033	FINITE ELEMENT METHODS	19	0	0
15BJ1A0360	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	32	3
15BJ1A0360	RT41036	NANO TECHNOLOGY	18	12	0
15BJ1A0360	RT41039	AUTOMATION IN MANUFACTURING	24	25	3
15BJ1A0360	RT4103L	SIMULATION LAB	18	36	2
15BJ1A0360	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15BJ1A0362	RT41031	AUTOMOBILE ENGINEERING	23	55	3
15BJ1A0362	RT41032	CAD / CAM	22	39	3
15BJ1A0362	RT41033	FINITE ELEMENT METHODS	21	18	0
15BJ1A0362	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
15BJ1A0362	RT41036	NANO TECHNOLOGY	18	28	3
15BJ1A0362	RT41039	AUTOMATION IN MANUFACTURING	21	24	3
15BJ1A0362	RT4103L	SIMULATION LAB	22	44	2
15BJ1A0362	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0363	RT41031	AUTOMOBILE ENGINEERING	24	0	0
15BJ1A0363	RT41032	CAD / CAM	20	7	0
15BJ1A0363	RT41033	FINITE ELEMENT METHODS	21	24	3
15BJ1A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	34	3
15BJ1A0363	RT41036	NANO TECHNOLOGY	27	44	3
15BJ1A0363	RT41039	AUTOMATION IN MANUFACTURING	23	31	3
15BJ1A0363	RT4103L	SIMULATION LAB	22	44	2
15BJ1A0363	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0364	RT41031	AUTOMOBILE ENGINEERING	22	42	3
15BJ1A0364	RT41032	CAD / CAM	19	13	0
15BJ1A0364	RT41033	FINITE ELEMENT METHODS	19	9	0
15BJ1A0364	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	28	3
15BJ1A0364	RT41036	NANO TECHNOLOGY	26	26	3
15BJ1A0364	RT41039	AUTOMATION IN MANUFACTURING	21	54	3
15BJ1A0364	RT4103L	SIMULATION LAB	23	44	2
15BJ1A0364	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15BJ1A0366	RT41031	AUTOMOBILE ENGINEERING	18	27	3
15BJ1A0366	RT41032	CAD / CAM	21	24	3
15BJ1A0366	RT41033	FINITE ELEMENT METHODS	16	9	0
15BJ1A0366	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	34	3
15BJ1A0366	RT41036	NANO TECHNOLOGY	21	24	3
15BJ1A0366	RT41039	AUTOMATION IN MANUFACTURING	20	42	3
15BJ1A0366	RT4103L	SIMULATION LAB	20	40	2
15BJ1A0366	RT4103M	DESIGN FABRICATION PROJECT	45	0	1

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0368	RT41031	AUTOMOBILE ENGINEERING	24	45	3
15BJ1A0368	RT41032	CAD / CAM	18	24	3
15BJ1A0368	RT41033	FINITE ELEMENT METHODS	23	27	3
15BJ1A0368	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	51	3
15BJ1A0368	RT41036	NANO TECHNOLOGY	29	38	3
15BJ1A0368	RT41039	AUTOMATION IN MANUFACTURING	26	37	3
15BJ1A0368	RT4103L	SIMULATION LAB	24	48	2
15BJ1A0368	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15BJ1A0370	RT41031	AUTOMOBILE ENGINEERING	20	13	0
15BJ1A0370	RT41032	CAD / CAM	17	7	0
15BJ1A0370	RT41033	FINITE ELEMENT METHODS	20	24	3
15BJ1A0370	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	26	3
15BJ1A0370	RT41036	NANO TECHNOLOGY	20	29	3
15BJ1A0370	RT41039	AUTOMATION IN MANUFACTURING	24	18	0
15BJ1A0370	RT4103L	SIMULATION LAB	21	42	2
15BJ1A0370	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0371	RT41031	AUTOMOBILE ENGINEERING	21	24	3
15BJ1A0371	RT41032	CAD / CAM	13	8	0
15BJ1A0371	RT41033	FINITE ELEMENT METHODS	19	11	0
15BJ1A0371	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	24	3
15BJ1A0371	RT41036	NANO TECHNOLOGY	21	11	0
15BJ1A0371	RT41039	AUTOMATION IN MANUFACTURING	23	27	3
15BJ1A0371	RT4103L	SIMULATION LAB	19	39	2
15BJ1A0371	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15BJ1A0373	RT41031	AUTOMOBILE ENGINEERING	20	24	3
15BJ1A0373	RT41032	CAD / CAM	17	24	3
15BJ1A0373	RT41033	FINITE ELEMENT METHODS	16	0	0
15BJ1A0373	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	37	3
15BJ1A0373	RT41036	NANO TECHNOLOGY	23	13	0
15BJ1A0373	RT41039	AUTOMATION IN MANUFACTURING	21	27	3
15BJ1A0373	RT4103L	SIMULATION LAB	20	41	2
15BJ1A0373	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0374	RT41031	AUTOMOBILE ENGINEERING	18	42	3
15BJ1A0374	RT41032	CAD / CAM	18	24	3
15BJ1A0374	RT41033	FINITE ELEMENT METHODS	18	9	0
15BJ1A0374	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	39	3
15BJ1A0374	RT41036	NANO TECHNOLOGY	17	6	0
15BJ1A0374	RT41039	AUTOMATION IN MANUFACTURING	23	24	3
15BJ1A0374	RT4103L	SIMULATION LAB	23	46	2
15BJ1A0374	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15BJ1A0375	RT41031	AUTOMOBILE ENGINEERING	27	44	3
15BJ1A0375	RT41032	CAD / CAM	28	25	3
15BJ1A0375	RT41033	FINITE ELEMENT METHODS	26	55	3
15BJ1A0375	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	43	3
15BJ1A0375	RT41036	NANO TECHNOLOGY	28	61	3
15BJ1A0375	RT41039	AUTOMATION IN MANUFACTURING	26	35	3
15BJ1A0375	RT4103L	SIMULATION LAB	25	49	2
15BJ1A0375	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
15BJ1A0377	RT41031	AUTOMOBILE ENGINEERING	26	46	3
15BJ1A0377	RT41032	CAD / CAM	19	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0377	RT41033	FINITE ELEMENT METHODS	17	8	0
15BJ1A0377	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	32	3
15BJ1A0377	RT41036	NANO TECHNOLOGY	20	26	3
15BJ1A0377	RT41039	AUTOMATION IN MANUFACTURING	21	44	3
15BJ1A0377	RT4103L	SIMULATION LAB	22	42	2
15BJ1A0377	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0378	RT41031	AUTOMOBILE ENGINEERING	19	47	3
15BJ1A0378	RT41032	CAD / CAM	15	40	3
15BJ1A0378	RT41033	FINITE ELEMENT METHODS	18	13	0
15BJ1A0378	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	54	3
15BJ1A0378	RT41036	NANO TECHNOLOGY	18	0	0
15BJ1A0378	RT41039	AUTOMATION IN MANUFACTURING	22	54	3
15BJ1A0378	RT4103L	SIMULATION LAB	20	41	2
15BJ1A0378	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0379	RT41031	AUTOMOBILE ENGINEERING	18	41	3
15BJ1A0379	RT41032	CAD / CAM	17	11	0
15BJ1A0379	RT41033	FINITE ELEMENT METHODS	19	28	3
15BJ1A0379	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	47	3
15BJ1A0379	RT41036	NANO TECHNOLOGY	21	26	3
15BJ1A0379	RT41039	AUTOMATION IN MANUFACTURING	23	28	3
15BJ1A0379	RT4103L	SIMULATION LAB	23	46	2
15BJ1A0379	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0389	RT41031	AUTOMOBILE ENGINEERING	20	16	0
15BJ1A0389	RT41032	CAD / CAM	15	11	0
15BJ1A0389	RT41033	FINITE ELEMENT METHODS	19	31	3
15BJ1A0389	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	41	3
15BJ1A0389	RT41036	NANO TECHNOLOGY	21	30	3
15BJ1A0389	RT41039	AUTOMATION IN MANUFACTURING	21	14	0
15BJ1A0389	RT4103L	SIMULATION LAB	23	40	2
15BJ1A0389	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15BJ1A0390	RT41031	AUTOMOBILE ENGINEERING	19	38	3
15BJ1A0390	RT41032	CAD / CAM	12	8	0
15BJ1A0390	RT41033	FINITE ELEMENT METHODS	21	13	0
15BJ1A0390	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	30	3
15BJ1A0390	RT41036	NANO TECHNOLOGY	26	42	3
15BJ1A0390	RT41039	AUTOMATION IN MANUFACTURING	21	46	3
15BJ1A0390	RT4103L	SIMULATION LAB	21	42	2
15BJ1A0390	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0392	RT41031	AUTOMOBILE ENGINEERING	25	3	0
15BJ1A0392	RT41032	CAD / CAM	20	24	3
15BJ1A0392	RT41033	FINITE ELEMENT METHODS	27	6	0
15BJ1A0392	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	33	3
15BJ1A0392	RT41036	NANO TECHNOLOGY	22	30	3
15BJ1A0392	RT41039	AUTOMATION IN MANUFACTURING	24	44	3
15BJ1A0392	RT4103L	SIMULATION LAB	22	42	2
15BJ1A0392	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0393	RT41031	AUTOMOBILE ENGINEERING	15	33	3
15BJ1A0393	RT41032	CAD / CAM	18	14	0
15BJ1A0393	RT41033	FINITE ELEMENT METHODS	21	10	0
15BJ1A0393	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	36	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0393	RT41036	NANO TECHNOLOGY	14	26	3
15BJ1A0393	RT41039	AUTOMATION IN MANUFACTURING	18	24	3
15BJ1A0393	RT4103L	SIMULATION LAB	20	40	2
15BJ1A0393	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15BJ1A0395	RT41031	AUTOMOBILE ENGINEERING	27	32	3
15BJ1A0395	RT41032	CAD / CAM	23	9	0
15BJ1A0395	RT41033	FINITE ELEMENT METHODS	25	24	3
15BJ1A0395	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	49	3
15BJ1A0395	RT41036	NANO TECHNOLOGY	18	63	3
15BJ1A0395	RT41039	AUTOMATION IN MANUFACTURING	24	45	3
15BJ1A0395	RT4103L	SIMULATION LAB	22	43	2
15BJ1A0395	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15BJ1A0401	RT41041	VLSI DESIGN	23	47	3
15BJ1A0401	RT41042	COMPUTER NETWORKS	22	31	3
15BJ1A0401	RT41043	DIGITAL IMAGE PROCESSING	24	48	3
15BJ1A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	45	3
15BJ1A0401	RT41048	RADAR SYSTEMS	20	53	3
15BJ1A0401	RT4104A	OPTICAL COMMUNICATION	24	43	3
15BJ1A0401	RT4104L	V L S I LAB	23	48	2
15BJ1A0401	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15BJ1A0402	RT41041	VLSI DESIGN	20	43	3
15BJ1A0402	RT41042	COMPUTER NETWORKS	18	32	3
15BJ1A0402	RT41043	DIGITAL IMAGE PROCESSING	23	11	0
15BJ1A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	42	3
15BJ1A0402	RT41048	RADAR SYSTEMS	19	30	3
15BJ1A0402	RT4104A	OPTICAL COMMUNICATION	22	24	3
15BJ1A0402	RT4104L	V L S I LAB	23	48	2
15BJ1A0402	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0403	RT41041	VLSI DESIGN	18	37	3
15BJ1A0403	RT41042	COMPUTER NETWORKS	17	16	0
15BJ1A0403	RT41043	DIGITAL IMAGE PROCESSING	20	28	3
15BJ1A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	17	0
15BJ1A0403	RT41048	RADAR SYSTEMS	22	39	3
15BJ1A0403	RT4104A	OPTICAL COMMUNICATION	20	14	0
15BJ1A0403	RT4104L	V L S I LAB	22	46	2
15BJ1A0403	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0404	RT41041	VLSI DESIGN	23	24	3
15BJ1A0404	RT41042	COMPUTER NETWORKS	21	30	3
15BJ1A0404	RT41043	DIGITAL IMAGE PROCESSING	21	6	0
15BJ1A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	31	3
15BJ1A0404	RT41048	RADAR SYSTEMS	23	9	0
15BJ1A0404	RT4104A	OPTICAL COMMUNICATION	20	13	0
15BJ1A0404	RT4104L	V L S I LAB	21	46	2
15BJ1A0404	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0405	RT41041	VLSI DESIGN	23	27	3
15BJ1A0405	RT41042	COMPUTER NETWORKS	22	26	3
15BJ1A0405	RT41043	DIGITAL IMAGE PROCESSING	23	11	0
15BJ1A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	37	3
15BJ1A0405	RT41048	RADAR SYSTEMS	21	44	3
15BJ1A0405	RT4104A	OPTICAL COMMUNICATION	21	29	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0405	RT4104L	V L S I LAB	23	46	2
15BJ1A0405	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0406	RT41041	VLSI DESIGN	23	47	3
15BJ1A0406	RT41042	COMPUTER NETWORKS	20	42	3
15BJ1A0406	RT41043	DIGITAL IMAGE PROCESSING	24	29	3
15BJ1A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	51	3
15BJ1A0406	RT41048	RADAR SYSTEMS	22	35	3
15BJ1A0406	RT4104A	OPTICAL COMMUNICATION	23	38	3
15BJ1A0406	RT4104L	V L S I LAB	23	48	2
15BJ1A0406	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15BJ1A0407	RT41041	VLSI DESIGN	20	16	0
15BJ1A0407	RT41042	COMPUTER NETWORKS	21	11	0
15BJ1A0407	RT41043	DIGITAL IMAGE PROCESSING	20	27	3
15BJ1A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	6	0
15BJ1A0407	RT41048	RADAR SYSTEMS	22	8	0
15BJ1A0407	RT4104A	OPTICAL COMMUNICATION	20	0	0
15BJ1A0407	RT4104L	V L S I LAB	19	42	2
15BJ1A0407	RT4104M	MICROWAVE ENGINEERING LAB	21	47	2
15BJ1A0408	RT41041	VLSI DESIGN	24	33	3
15BJ1A0408	RT41042	COMPUTER NETWORKS	18	29	3
15BJ1A0408	RT41043	DIGITAL IMAGE PROCESSING	23	0	0
15BJ1A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	49	3
15BJ1A0408	RT41048	RADAR SYSTEMS	24	9	0
15BJ1A0408	RT4104A	OPTICAL COMMUNICATION	22	32	3
15BJ1A0408	RT4104L	V L S I LAB	23	46	2
15BJ1A0408	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0410	RT41041	VLSI DESIGN	20	29	3
15BJ1A0410	RT41042	COMPUTER NETWORKS	20	26	3
15BJ1A0410	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15BJ1A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	24	3
15BJ1A0410	RT41048	RADAR SYSTEMS	20	39	3
15BJ1A0410	RT4104A	OPTICAL COMMUNICATION	22	30	3
15BJ1A0410	RT4104L	V L S I LAB	18	40	2
15BJ1A0410	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0413	RT41041	VLSI DESIGN	24	28	3
15BJ1A0413	RT41042	COMPUTER NETWORKS	21	29	3
15BJ1A0413	RT41043	DIGITAL IMAGE PROCESSING	24	14	0
15BJ1A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	7	0
15BJ1A0413	RT41048	RADAR SYSTEMS	24	28	3
15BJ1A0413	RT4104A	OPTICAL COMMUNICATION	22	26	3
15BJ1A0413	RT4104L	V L S I LAB	25	46	2
15BJ1A0413	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0415	RT41041	VLSI DESIGN	22	16	0
15BJ1A0415	RT41042	COMPUTER NETWORKS	15	13	0
15BJ1A0415	RT41043	DIGITAL IMAGE PROCESSING	22	25	3
15BJ1A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	24	3
15BJ1A0415	RT41048	RADAR SYSTEMS	23	17	0
15BJ1A0415	RT4104A	OPTICAL COMMUNICATION	21	12	0
15BJ1A0415	RT4104L	V L S I LAB	18	43	2
15BJ1A0415	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0417	RT41041	VLSI DESIGN	21	24	3
15BJ1A0417	RT41042	COMPUTER NETWORKS	19	25	3
15BJ1A0417	RT41043	DIGITAL IMAGE PROCESSING	24	3	0
15BJ1A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	4	0
15BJ1A0417	RT41048	RADAR SYSTEMS	23	0	0
15BJ1A0417	RT4104A	OPTICAL COMMUNICATION	25	6	0
15BJ1A0417	RT4104L	V L S I LAB	19	42	2
15BJ1A0417	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0420	RT41041	VLSI DESIGN	18	24	3
15BJ1A0420	RT41042	COMPUTER NETWORKS	21	14	0
15BJ1A0420	RT41043	DIGITAL IMAGE PROCESSING	27	24	3
15BJ1A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	24	3
15BJ1A0420	RT41048	RADAR SYSTEMS	25	24	3
15BJ1A0420	RT4104A	OPTICAL COMMUNICATION	26	16	0
15BJ1A0420	RT4104L	V L S I LAB	18	43	2
15BJ1A0420	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0422	RT41041	VLSI DESIGN	21	25	3
15BJ1A0422	RT41042	COMPUTER NETWORKS	15	28	3
15BJ1A0422	RT41043	DIGITAL IMAGE PROCESSING	22	4	0
15BJ1A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	32	3
15BJ1A0422	RT41048	RADAR SYSTEMS	25	32	3
15BJ1A0422	RT4104A	OPTICAL COMMUNICATION	22	15	0
15BJ1A0422	RT4104L	V L S I LAB	18	43	2
15BJ1A0422	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0423	RT41041	VLSI DESIGN	21	28	3
15BJ1A0423	RT41042	COMPUTER NETWORKS	18	14	0
15BJ1A0423	RT41043	DIGITAL IMAGE PROCESSING	22	31	3
15BJ1A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	38	3
15BJ1A0423	RT41048	RADAR SYSTEMS	18	31	3
15BJ1A0423	RT4104A	OPTICAL COMMUNICATION	22	11	0
15BJ1A0423	RT4104L	V L S I LAB	18	43	2
15BJ1A0423	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0425	RT41041	VLSI DESIGN	22	24	3
15BJ1A0425	RT41042	COMPUTER NETWORKS	15	19	0
15BJ1A0425	RT41043	DIGITAL IMAGE PROCESSING	24	3	0
15BJ1A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	28	3
15BJ1A0425	RT41048	RADAR SYSTEMS	21	27	3
15BJ1A0425	RT4104A	OPTICAL COMMUNICATION	21	13	0
15BJ1A0425	RT4104L	V L S I LAB	19	43	2
15BJ1A0425	RT4104M	MICROWAVE ENGINEERING LAB	21	47	2
15BJ1A0426	RT41041	VLSI DESIGN	22	24	3
15BJ1A0426	RT41042	COMPUTER NETWORKS	21	24	3
15BJ1A0426	RT41043	DIGITAL IMAGE PROCESSING	21	29	3
15BJ1A0426	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	11	0
15BJ1A0426	RT41048	RADAR SYSTEMS	21	38	3
15BJ1A0426	RT4104A	OPTICAL COMMUNICATION	24	35	3
15BJ1A0426	RT4104L	V L S I LAB	24	46	2
15BJ1A0426	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0428	RT41041	VLSI DESIGN	20	29	3
15BJ1A0428	RT41042	COMPUTER NETWORKS	15	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0428	RT41043	DIGITAL IMAGE PROCESSING	23	0	0
15BJ1A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	9	0
15BJ1A0428	RT41048	RADAR SYSTEMS	20	2	0
15BJ1A0428	RT4104A	OPTICAL COMMUNICATION	25	2	0
15BJ1A0428	RT4104L	V L S I LAB	18	44	2
15BJ1A0428	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0429	RT41041	VLSI DESIGN	21	15	0
15BJ1A0429	RT41042	COMPUTER NETWORKS	17	3	0
15BJ1A0429	RT41043	DIGITAL IMAGE PROCESSING	23	7	0
15BJ1A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	13	0
15BJ1A0429	RT41048	RADAR SYSTEMS	22	13	0
15BJ1A0429	RT4104A	OPTICAL COMMUNICATION	22	0	0
15BJ1A0429	RT4104L	V L S I LAB	18	40	2
15BJ1A0429	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15BJ1A0430	RT41041	VLSI DESIGN	20	35	3
15BJ1A0430	RT41042	COMPUTER NETWORKS	20	40	3
15BJ1A0430	RT41043	DIGITAL IMAGE PROCESSING	24	7	0
15BJ1A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	47	3
15BJ1A0430	RT41048	RADAR SYSTEMS	22	13	0
15BJ1A0430	RT4104A	OPTICAL COMMUNICATION	22	42	3
15BJ1A0430	RT4104L	V L S I LAB	18	35	2
15BJ1A0430	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15BJ1A0434	RT41041	VLSI DESIGN	16	28	3
15BJ1A0434	RT41042	COMPUTER NETWORKS	14	26	3
15BJ1A0434	RT41043	DIGITAL IMAGE PROCESSING	23	14	0
15BJ1A0434	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	14	26	3
15BJ1A0434	RT41048	RADAR SYSTEMS	19	7	0
15BJ1A0434	RT4104A	OPTICAL COMMUNICATION	23	13	0
15BJ1A0434	RT4104L	V L S I LAB	18	40	2
15BJ1A0434	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0435	RT41041	VLSI DESIGN	20	12	0
15BJ1A0435	RT41042	COMPUTER NETWORKS	19	29	3
15BJ1A0435	RT41043	DIGITAL IMAGE PROCESSING	22	5	0
15BJ1A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	36	3
15BJ1A0435	RT41048	RADAR SYSTEMS	19	29	3
15BJ1A0435	RT4104A	OPTICAL COMMUNICATION	20	24	3
15BJ1A0435	RT4104L	V L S I LAB	18	42	2
15BJ1A0435	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0436	RT41041	VLSI DESIGN	20	0	0
15BJ1A0436	RT41042	COMPUTER NETWORKS	18	8	0
15BJ1A0436	RT41043	DIGITAL IMAGE PROCESSING	24	29	3
15BJ1A0436	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	2	0
15BJ1A0436	RT41048	RADAR SYSTEMS	22	12	0
15BJ1A0436	RT4104A	OPTICAL COMMUNICATION	21	3	0
15BJ1A0436	RT4104L	V L S I LAB	18	43	2
15BJ1A0436	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0437	RT41041	VLSI DESIGN	20	27	3
15BJ1A0437	RT41042	COMPUTER NETWORKS	21	40	3
15BJ1A0437	RT41043	DIGITAL IMAGE PROCESSING	24	16	0
15BJ1A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	47	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0437	RT41048	RADAR SYSTEMS	25	24	3
15BJ1A0437	RT4104A	OPTICAL COMMUNICATION	23	38	3
15BJ1A0437	RT4104L	V L S I LAB	22	47	2
15BJ1A0437	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0439	RT41041	VLSI DESIGN	19	48	3
15BJ1A0439	RT41042	COMPUTER NETWORKS	23	24	3
15BJ1A0439	RT41043	DIGITAL IMAGE PROCESSING	23	35	3
15BJ1A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	24	3
15BJ1A0439	RT41048	RADAR SYSTEMS	26	39	3
15BJ1A0439	RT4104A	OPTICAL COMMUNICATION	26	18	0
15BJ1A0439	RT4104L	V L S I LAB	19	40	2
15BJ1A0439	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0440	RT41041	VLSI DESIGN	21	15	0
15BJ1A0440	RT41042	COMPUTER NETWORKS	22	34	3
15BJ1A0440	RT41043	DIGITAL IMAGE PROCESSING	17	0	0
15BJ1A0440	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	30	3
15BJ1A0440	RT41048	RADAR SYSTEMS	22	26	3
15BJ1A0440	RT4104A	OPTICAL COMMUNICATION	20	24	3
15BJ1A0440	RT4104L	V L S I LAB	18	40	2
15BJ1A0440	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0443	RT41041	VLSI DESIGN	24	24	3
15BJ1A0443	RT41042	COMPUTER NETWORKS	19	24	3
15BJ1A0443	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
15BJ1A0443	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	48	3
15BJ1A0443	RT41048	RADAR SYSTEMS	23	25	3
15BJ1A0443	RT4104A	OPTICAL COMMUNICATION	28	2	0
15BJ1A0443	RT4104L	V L S I LAB	18	44	2
15BJ1A0443	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0444	RT41041	VLSI DESIGN	19	18	0
15BJ1A0444	RT41042	COMPUTER NETWORKS	18	5	0
15BJ1A0444	RT41043	DIGITAL IMAGE PROCESSING	21	0	0
15BJ1A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	11	0
15BJ1A0444	RT41048	RADAR SYSTEMS	22	3	0
15BJ1A0444	RT4104A	OPTICAL COMMUNICATION	23	0	0
15BJ1A0444	RT4104L	V L S I LAB	18	40	2
15BJ1A0444	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
15BJ1A0445	RT41041	VLSI DESIGN	14	8	0
15BJ1A0445	RT41042	COMPUTER NETWORKS	21	30	3
15BJ1A0445	RT41043	DIGITAL IMAGE PROCESSING	26	24	3
15BJ1A0445	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	32	3
15BJ1A0445	RT41048	RADAR SYSTEMS	21	29	3
15BJ1A0445	RT4104A	OPTICAL COMMUNICATION	21	17	0
15BJ1A0445	RT4104L	V L S I LAB	18	43	2
15BJ1A0445	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0446	RT41041	VLSI DESIGN	27	44	3
15BJ1A0446	RT41042	COMPUTER NETWORKS	24	43	3
15BJ1A0446	RT41043	DIGITAL IMAGE PROCESSING	25	27	3
15BJ1A0446	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	36	3
15BJ1A0446	RT41048	RADAR SYSTEMS	26	30	3
15BJ1A0446	RT4104A	OPTICAL COMMUNICATION	24	40	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0446	RT4104L	V L S I LAB	25	46	2
15BJ1A0446	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15BJ1A0449	RT41041	VLSI DESIGN	24	34	3
15BJ1A0449	RT41042	COMPUTER NETWORKS	24	28	3
15BJ1A0449	RT41043	DIGITAL IMAGE PROCESSING	27	32	3
15BJ1A0449	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	50	3
15BJ1A0449	RT41048	RADAR SYSTEMS	26	41	3
15BJ1A0449	RT4104A	OPTICAL COMMUNICATION	23	39	3
15BJ1A0449	RT4104L	V L S I LAB	25	50	2
15BJ1A0449	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15BJ1A0450	RT41041	VLSI DESIGN	15	5	0
15BJ1A0450	RT41042	COMPUTER NETWORKS	19	6	0
15BJ1A0450	RT41043	DIGITAL IMAGE PROCESSING	16	0	0
15BJ1A0450	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	31	3
15BJ1A0450	RT41048	RADAR SYSTEMS	20	10	0
15BJ1A0450	RT4104A	OPTICAL COMMUNICATION	22	12	0
15BJ1A0450	RT4104L	V L S I LAB	18	40	2
15BJ1A0450	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0451	RT41041	VLSI DESIGN	17	0	0
15BJ1A0451	RT41042	COMPUTER NETWORKS	19	0	0
15BJ1A0451	RT41043	DIGITAL IMAGE PROCESSING	18	3	0
15BJ1A0451	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	0	0
15BJ1A0451	RT41048	RADAR SYSTEMS	15	0	0
15BJ1A0451	RT4104A	OPTICAL COMMUNICATION	14	0	0
15BJ1A0451	RT4104L	V L S I LAB	18	38	2
15BJ1A0451	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0452	RT41041	VLSI DESIGN	21	24	3
15BJ1A0452	RT41042	COMPUTER NETWORKS	18	25	3
15BJ1A0452	RT41043	DIGITAL IMAGE PROCESSING	22	9	0
15BJ1A0452	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	15	0
15BJ1A0452	RT41048	RADAR SYSTEMS	21	31	3
15BJ1A0452	RT4104A	OPTICAL COMMUNICATION	20	-1	0
15BJ1A0452	RT4104L	V L S I LAB	21	42	2
15BJ1A0452	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0454	RT41041	VLSI DESIGN	21	0	0
15BJ1A0454	RT41042	COMPUTER NETWORKS	21	3	0
15BJ1A0454	RT41043	DIGITAL IMAGE PROCESSING	23	14	0
15BJ1A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	2	0
15BJ1A0454	RT41048	RADAR SYSTEMS	25	6	0
15BJ1A0454	RT4104A	OPTICAL COMMUNICATION	21	0	0
15BJ1A0454	RT4104L	V L S I LAB	18	38	2
15BJ1A0454	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0455	RT41041	VLSI DESIGN	23	28	3
15BJ1A0455	RT41042	COMPUTER NETWORKS	17	12	0
15BJ1A0455	RT41043	DIGITAL IMAGE PROCESSING	20	0	0
15BJ1A0455	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	30	3
15BJ1A0455	RT41048	RADAR SYSTEMS	23	8	0
15BJ1A0455	RT4104A	OPTICAL COMMUNICATION	23	0	0
15BJ1A0455	RT4104L	V L S I LAB	16	40	2
15BJ1A0455	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0456	RT41041	VLSI DESIGN	22	38	3
15BJ1A0456	RT41042	COMPUTER NETWORKS	19	26	3
15BJ1A0456	RT41043	DIGITAL IMAGE PROCESSING	26	30	3
15BJ1A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	27	3
15BJ1A0456	RT41048	RADAR SYSTEMS	23	39	3
15BJ1A0456	RT4104A	OPTICAL COMMUNICATION	24	40	3
15BJ1A0456	RT4104L	V L S I LAB	20	49	2
15BJ1A0456	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0457	RT41041	VLSI DESIGN	21	12	0
15BJ1A0457	RT41042	COMPUTER NETWORKS	20	20	0
15BJ1A0457	RT41043	DIGITAL IMAGE PROCESSING	24	9	0
15BJ1A0457	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	9	0
15BJ1A0457	RT41048	RADAR SYSTEMS	26	26	3
15BJ1A0457	RT4104A	OPTICAL COMMUNICATION	25	17	0
15BJ1A0457	RT4104L	V L S I LAB	18	38	2
15BJ1A0457	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0458	RT41041	VLSI DESIGN	18	13	0
15BJ1A0458	RT41042	COMPUTER NETWORKS	20	27	3
15BJ1A0458	RT41043	DIGITAL IMAGE PROCESSING	24	9	0
15BJ1A0458	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	2	0
15BJ1A0458	RT41048	RADAR SYSTEMS	23	8	0
15BJ1A0458	RT4104A	OPTICAL COMMUNICATION	21	2	0
15BJ1A0458	RT4104L	V L S I LAB	20	42	2
15BJ1A0458	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0459	RT41041	VLSI DESIGN	24	36	3
15BJ1A0459	RT41042	COMPUTER NETWORKS	21	33	3
15BJ1A0459	RT41043	DIGITAL IMAGE PROCESSING	23	12	0
15BJ1A0459	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	32	3
15BJ1A0459	RT41048	RADAR SYSTEMS	24	34	3
15BJ1A0459	RT4104A	OPTICAL COMMUNICATION	22	31	3
15BJ1A0459	RT4104L	V L S I LAB	23	49	2
15BJ1A0459	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15BJ1A0460	RT41041	VLSI DESIGN	21	29	3
15BJ1A0460	RT41042	COMPUTER NETWORKS	19	31	3
15BJ1A0460	RT41043	DIGITAL IMAGE PROCESSING	22	15	0
15BJ1A0460	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	42	3
15BJ1A0460	RT41048	RADAR SYSTEMS	22	34	3
15BJ1A0460	RT4104A	OPTICAL COMMUNICATION	21	37	3
15BJ1A0460	RT4104L	V L S I LAB	16	41	2
15BJ1A0460	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0461	RT41041	VLSI DESIGN	17	29	3
15BJ1A0461	RT41042	COMPUTER NETWORKS	19	26	3
15BJ1A0461	RT41043	DIGITAL IMAGE PROCESSING	25	5	0
15BJ1A0461	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	29	3
15BJ1A0461	RT41048	RADAR SYSTEMS	20	24	3
15BJ1A0461	RT4104A	OPTICAL COMMUNICATION	19	18	0
15BJ1A0461	RT4104L	V L S I LAB	20	43	2
15BJ1A0461	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0462	RT41041	VLSI DESIGN	26	29	3
15BJ1A0462	RT41042	COMPUTER NETWORKS	21	30	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0462	RT41043	DIGITAL IMAGE PROCESSING	23	28	3
15BJ1A0462	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	43	3
15BJ1A0462	RT41048	RADAR SYSTEMS	20	27	3
15BJ1A0462	RT4104A	OPTICAL COMMUNICATION	23	15	0
15BJ1A0462	RT4104L	V L S I LAB	20	44	2
15BJ1A0462	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0463	RT41041	VLSI DESIGN	24	58	3
15BJ1A0463	RT41042	COMPUTER NETWORKS	25	43	3
15BJ1A0463	RT41043	DIGITAL IMAGE PROCESSING	28	32	3
15BJ1A0463	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	50	3
15BJ1A0463	RT41048	RADAR SYSTEMS	29	32	3
15BJ1A0463	RT4104A	OPTICAL COMMUNICATION	27	44	3
15BJ1A0463	RT4104L	V L S I LAB	24	49	2
15BJ1A0463	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15BJ1A0464	RT41041	VLSI DESIGN	22	35	3
15BJ1A0464	RT41042	COMPUTER NETWORKS	22	33	3
15BJ1A0464	RT41043	DIGITAL IMAGE PROCESSING	24	44	3
15BJ1A0464	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	39	3
15BJ1A0464	RT41048	RADAR SYSTEMS	24	51	3
15BJ1A0464	RT4104A	OPTICAL COMMUNICATION	23	46	3
15BJ1A0464	RT4104L	V L S I LAB	23	46	2
15BJ1A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0465	RT41041	VLSI DESIGN	22	30	3
15BJ1A0465	RT41042	COMPUTER NETWORKS	21	33	3
15BJ1A0465	RT41043	DIGITAL IMAGE PROCESSING	25	24	3
15BJ1A0465	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	40	3
15BJ1A0465	RT41048	RADAR SYSTEMS	23	37	3
15BJ1A0465	RT4104A	OPTICAL COMMUNICATION	24	34	3
15BJ1A0465	RT4104L	V L S I LAB	25	50	2
15BJ1A0465	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15BJ1A0466	RT41041	VLSI DESIGN	21	16	0
15BJ1A0466	RT41042	COMPUTER NETWORKS	21	10	0
15BJ1A0466	RT41043	DIGITAL IMAGE PROCESSING	22	7	0
15BJ1A0466	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	22	0
15BJ1A0466	RT41048	RADAR SYSTEMS	21	6	0
15BJ1A0466	RT4104A	OPTICAL COMMUNICATION	19	3	0
15BJ1A0466	RT4104L	V L S I LAB	21	42	2
15BJ1A0466	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
15BJ1A0467	RT41041	VLSI DESIGN	22	13	0
15BJ1A0467	RT41042	COMPUTER NETWORKS	22	38	3
15BJ1A0467	RT41043	DIGITAL IMAGE PROCESSING	22	3	0
15BJ1A0467	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3
15BJ1A0467	RT41048	RADAR SYSTEMS	23	10	0
15BJ1A0467	RT4104A	OPTICAL COMMUNICATION	17	15	0
15BJ1A0467	RT4104L	V L S I LAB	16	41	2
15BJ1A0467	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0468	RT41041	VLSI DESIGN	21	24	3
15BJ1A0468	RT41042	COMPUTER NETWORKS	19	25	3
15BJ1A0468	RT41043	DIGITAL IMAGE PROCESSING	23	18	0
15BJ1A0468	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	38	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0468	RT41048	RADAR SYSTEMS	23	29	3
15BJ1A0468	RT4104A	OPTICAL COMMUNICATION	23	29	3
15BJ1A0468	RT4104L	V L S I LAB	20	42	2
15BJ1A0468	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15BJ1A0469	RT41041	VLSI DESIGN	19	32	3
15BJ1A0469	RT41042	COMPUTER NETWORKS	18	33	3
15BJ1A0469	RT41043	DIGITAL IMAGE PROCESSING	19	0	0
15BJ1A0469	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	38	3
15BJ1A0469	RT41048	RADAR SYSTEMS	24	31	3
15BJ1A0469	RT4104A	OPTICAL COMMUNICATION	24	10	0
15BJ1A0469	RT4104L	V L S I LAB	18	41	2
15BJ1A0469	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0470	RT41041	VLSI DESIGN	22	2	0
15BJ1A0470	RT41042	COMPUTER NETWORKS	19	12	0
15BJ1A0470	RT41043	DIGITAL IMAGE PROCESSING	20	7	0
15BJ1A0470	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	13	0
15BJ1A0470	RT41048	RADAR SYSTEMS	22	0	0
15BJ1A0470	RT4104A	OPTICAL COMMUNICATION	22	0	0
15BJ1A0470	RT4104L	V L S I LAB	19	35	2
15BJ1A0470	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0471	RT41041	VLSI DESIGN	20	41	3
15BJ1A0471	RT41042	COMPUTER NETWORKS	20	32	3
15BJ1A0471	RT41043	DIGITAL IMAGE PROCESSING	18	10	0
15BJ1A0471	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	39	3
15BJ1A0471	RT41048	RADAR SYSTEMS	24	14	0
15BJ1A0471	RT4104A	OPTICAL COMMUNICATION	20	33	3
15BJ1A0471	RT4104L	V L S I LAB	14	30	2
15BJ1A0471	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
15BJ1A0473	RT41041	VLSI DESIGN	21	26	3
15BJ1A0473	RT41042	COMPUTER NETWORKS	20	26	3
15BJ1A0473	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
15BJ1A0473	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	32	3
15BJ1A0473	RT41048	RADAR SYSTEMS	18	37	3
15BJ1A0473	RT4104A	OPTICAL COMMUNICATION	24	35	3
15BJ1A0473	RT4104L	V L S I LAB	18	41	2
15BJ1A0473	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0474	RT41041	VLSI DESIGN	22	24	3
15BJ1A0474	RT41042	COMPUTER NETWORKS	18	27	3
15BJ1A0474	RT41043	DIGITAL IMAGE PROCESSING	22	5	0
15BJ1A0474	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	34	3
15BJ1A0474	RT41048	RADAR SYSTEMS	24	27	3
15BJ1A0474	RT4104A	OPTICAL COMMUNICATION	22	24	3
15BJ1A0474	RT4104L	V L S I LAB	17	30	2
15BJ1A0474	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15BJ1A0475	RT41041	VLSI DESIGN	22	27	3
15BJ1A0475	RT41042	COMPUTER NETWORKS	19	6	0
15BJ1A0475	RT41043	DIGITAL IMAGE PROCESSING	26	32	3
15BJ1A0475	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3
15BJ1A0475	RT41048	RADAR SYSTEMS	21	26	3
15BJ1A0475	RT4104A	OPTICAL COMMUNICATION	20	12	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0475	RT4104L	V L S I LAB	21	44	2
15BJ1A0475	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0485	RT41041	VLSI DESIGN	20	31	3
15BJ1A0485	RT41042	COMPUTER NETWORKS	20	26	3
15BJ1A0485	RT41043	DIGITAL IMAGE PROCESSING	21	0	0
15BJ1A0485	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	41	3
15BJ1A0485	RT41048	RADAR SYSTEMS	27	24	3
15BJ1A0485	RT4104A	OPTICAL COMMUNICATION	24	36	3
15BJ1A0485	RT4104L	V L S I LAB	20	46	2
15BJ1A0485	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15BJ1A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	24	3
15BJ1A0501	RT41052	UML AND DESIGN PATTERNS	16	24	3
15BJ1A0501	RT41053	MOBILE COMPUTING	18	17	0
15BJ1A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	16	24	3
15BJ1A0501	RT4105B	HADOOP AND BIG DATA	15	38	3
15BJ1A0501	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15BJ1A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0501	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0501	RT4105O	HADOOP AND BIGDATA LAB	21	45	2
15BJ1A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	36	3
15BJ1A0502	RT41052	UML AND DESIGN PATTERNS	21	34	3
15BJ1A0502	RT41053	MOBILE COMPUTING	20	24	3
15BJ1A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	22	25	3
15BJ1A0502	RT4105B	HADOOP AND BIG DATA	28	49	3
15BJ1A0502	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0502	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0502	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15BJ1A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	45	3
15BJ1A0503	RT41052	UML AND DESIGN PATTERNS	26	55	3
15BJ1A0503	RT41053	MOBILE COMPUTING	27	34	3
15BJ1A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
15BJ1A0503	RT4105B	HADOOP AND BIG DATA	28	51	3
15BJ1A0503	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15BJ1A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15BJ1A0503	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0503	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	10	0
15BJ1A0504	RT41052	UML AND DESIGN PATTERNS	20	16	0
15BJ1A0504	RT41053	MOBILE COMPUTING	24	24	3
15BJ1A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	20	31	3
15BJ1A0504	RT4105B	HADOOP AND BIG DATA	21	25	3
15BJ1A0504	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15BJ1A0504	RT4105N	SOFTWARE TESTING LAB	22	48	2
15BJ1A0504	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
15BJ1A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	50	3
15BJ1A0505	RT41052	UML AND DESIGN PATTERNS	27	35	3
15BJ1A0505	RT41053	MOBILE COMPUTING	25	43	3
15BJ1A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	25	35	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0505	RT4105B	HADOOP AND BIG DATA	28	50	3
15BJ1A0505	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15BJ1A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15BJ1A0505	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0505	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	26	3
15BJ1A0506	RT41052	UML AND DESIGN PATTERNS	24	32	3
15BJ1A0506	RT41053	MOBILE COMPUTING	27	31	3
15BJ1A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	24	27	3
15BJ1A0506	RT4105B	HADOOP AND BIG DATA	27	35	3
15BJ1A0506	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15BJ1A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15BJ1A0506	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0506	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15BJ1A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	15	0
15BJ1A0507	RT41052	UML AND DESIGN PATTERNS	22	36	3
15BJ1A0507	RT41053	MOBILE COMPUTING	16	37	3
15BJ1A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	19	29	3
15BJ1A0507	RT4105B	HADOOP AND BIG DATA	19	36	3
15BJ1A0507	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0507	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0507	RT4105O	HADOOP AND BIGDATA LAB	24	43	2
15BJ1A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
15BJ1A0510	RT41052	UML AND DESIGN PATTERNS	24	24	3
15BJ1A0510	RT41053	MOBILE COMPUTING	20	24	3
15BJ1A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	23	35	3
15BJ1A0510	RT4105B	HADOOP AND BIG DATA	24	32	3
15BJ1A0510	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15BJ1A0510	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0510	RT4105O	HADOOP AND BIGDATA LAB	24	46	2
15BJ1A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	37	3
15BJ1A0513	RT41052	UML AND DESIGN PATTERNS	19	24	3
15BJ1A0513	RT41053	MOBILE COMPUTING	23	27	3
15BJ1A0513	RT41054	SOFTWARE TESTING METHODOLOGIES	24	30	3
15BJ1A0513	RT4105B	HADOOP AND BIG DATA	25	41	3
15BJ1A0513	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15BJ1A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15BJ1A0513	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0513	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	0	7	0
15BJ1A0514	RT41052	UML AND DESIGN PATTERNS	0	0	0
15BJ1A0514	RT41053	MOBILE COMPUTING	0	3	0
15BJ1A0514	RT41054	SOFTWARE TESTING METHODOLOGIES	0	-1	0
15BJ1A0514	RT4105B	HADOOP AND BIG DATA	0	-1	0
15BJ1A0514	RT4105L	UML AND DESIGN PATTERNS LAB	13	-1	0
15BJ1A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	13	-1	0
15BJ1A0514	RT4105N	SOFTWARE TESTING LAB	13	-1	0
15BJ1A0514	RT4105O	HADOOP AND BIGDATA LAB	13	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	19	0
15BJ1A0516	RT41052	UML AND DESIGN PATTERNS	24	24	3
15BJ1A0516	RT41053	MOBILE COMPUTING	22	15	0
15BJ1A0516	RT41054	SOFTWARE TESTING METHODOLOGIES	20	25	3
15BJ1A0516	RT4105B	HADOOP AND BIG DATA	19	22	0
15BJ1A0516	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15BJ1A0516	RT4105N	SOFTWARE TESTING LAB	17	43	2
15BJ1A0516	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15BJ1A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	37	3
15BJ1A0517	RT41052	UML AND DESIGN PATTERNS	25	38	3
15BJ1A0517	RT41053	MOBILE COMPUTING	26	29	3
15BJ1A0517	RT41054	SOFTWARE TESTING METHODOLOGIES	27	48	3
15BJ1A0517	RT4105B	HADOOP AND BIG DATA	27	35	3
15BJ1A0517	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15BJ1A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	50	2
15BJ1A0517	RT4105N	SOFTWARE TESTING LAB	25	50	2
15BJ1A0517	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	13	0
15BJ1A0518	RT41052	UML AND DESIGN PATTERNS	17	19	0
15BJ1A0518	RT41053	MOBILE COMPUTING	18	13	0
15BJ1A0518	RT41054	SOFTWARE TESTING METHODOLOGIES	19	24	3
15BJ1A0518	RT4105B	HADOOP AND BIG DATA	16	18	0
15BJ1A0518	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15BJ1A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0518	RT4105N	SOFTWARE TESTING LAB	18	44	2
15BJ1A0518	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	32	3
15BJ1A0519	RT41052	UML AND DESIGN PATTERNS	16	0	0
15BJ1A0519	RT41053	MOBILE COMPUTING	22	10	0
15BJ1A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	18	7	0
15BJ1A0519	RT4105B	HADOOP AND BIG DATA	20	2	0
15BJ1A0519	RT4105L	UML AND DESIGN PATTERNS LAB	18	40	2
15BJ1A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15BJ1A0519	RT4105N	SOFTWARE TESTING LAB	15	40	2
15BJ1A0519	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15BJ1A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	11	0
15BJ1A0521	RT41052	UML AND DESIGN PATTERNS	15	0	0
15BJ1A0521	RT41053	MOBILE COMPUTING	21	0	0
15BJ1A0521	RT41054	SOFTWARE TESTING METHODOLOGIES	19	0	0
15BJ1A0521	RT4105B	HADOOP AND BIG DATA	16	0	0
15BJ1A0521	RT4105L	UML AND DESIGN PATTERNS LAB	19	38	2
15BJ1A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15BJ1A0521	RT4105N	SOFTWARE TESTING LAB	13	35	2
15BJ1A0521	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
15BJ1A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	5	0
15BJ1A0522	RT41052	UML AND DESIGN PATTERNS	16	6	0
15BJ1A0522	RT41053	MOBILE COMPUTING	20	17	0
15BJ1A0522	RT41054	SOFTWARE TESTING METHODOLOGIES	18	27	3
15BJ1A0522	RT4105B	HADOOP AND BIG DATA	21	0	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0522	RT4105L	UML AND DESIGN PATTERNS LAB	19	39	2
15BJ1A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15BJ1A0522	RT4105N	SOFTWARE TESTING LAB	13	35	2
15BJ1A0522	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
15BJ1A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	31	3
15BJ1A0523	RT41052	UML AND DESIGN PATTERNS	21	18	0
15BJ1A0523	RT41053	MOBILE COMPUTING	28	24	3
15BJ1A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	16	24	3
15BJ1A0523	RT4105B	HADOOP AND BIG DATA	19	34	3
15BJ1A0523	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15BJ1A0523	RT4105N	SOFTWARE TESTING LAB	19	46	2
15BJ1A0523	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	35	3
15BJ1A0525	RT41052	UML AND DESIGN PATTERNS	24	30	3
15BJ1A0525	RT41053	MOBILE COMPUTING	23	13	0
15BJ1A0525	RT41054	SOFTWARE TESTING METHODOLOGIES	26	29	3
15BJ1A0525	RT4105B	HADOOP AND BIG DATA	26	47	3
15BJ1A0525	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0525	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0525	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	-1	0
15BJ1A0526	RT41052	UML AND DESIGN PATTERNS	12	-1	0
15BJ1A0526	RT41053	MOBILE COMPUTING	20	-1	0
15BJ1A0526	RT41054	SOFTWARE TESTING METHODOLOGIES	11	-1	0
15BJ1A0526	RT4105B	HADOOP AND BIG DATA	7	-1	0
15BJ1A0526	RT4105L	UML AND DESIGN PATTERNS LAB	13	-1	0
15BJ1A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	13	-1	0
15BJ1A0526	RT4105N	SOFTWARE TESTING LAB	13	-1	0
15BJ1A0526	RT4105O	HADOOP AND BIGDATA LAB	13	-1	0
15BJ1A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	25	3
15BJ1A0527	RT41052	UML AND DESIGN PATTERNS	24	26	3
15BJ1A0527	RT41053	MOBILE COMPUTING	23	18	0
15BJ1A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	23	42	3
15BJ1A0527	RT4105B	HADOOP AND BIG DATA	24	31	3
15BJ1A0527	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15BJ1A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0527	RT4105N	SOFTWARE TESTING LAB	22	48	2
15BJ1A0527	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15BJ1A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	31	3
15BJ1A0528	RT41052	UML AND DESIGN PATTERNS	16	14	0
15BJ1A0528	RT41053	MOBILE COMPUTING	16	26	3
15BJ1A0528	RT41054	SOFTWARE TESTING METHODOLOGIES	17	28	3
15BJ1A0528	RT4105B	HADOOP AND BIG DATA	18	32	3
15BJ1A0528	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0528	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15BJ1A0528	RT4105N	SOFTWARE TESTING LAB	20	48	2
15BJ1A0528	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15BJ1A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	26	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0529	RT41052	UML AND DESIGN PATTERNS	14	25	0
15BJ1A0529	RT41053	MOBILE COMPUTING	19	16	0
15BJ1A0529	RT41054	SOFTWARE TESTING METHODOLOGIES	20	3	0
15BJ1A0529	RT4105B	HADOOP AND BIG DATA	12	18	0
15BJ1A0529	RT4105L	UML AND DESIGN PATTERNS LAB	19	46	2
15BJ1A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15BJ1A0529	RT4105N	SOFTWARE TESTING LAB	16	42	2
15BJ1A0529	RT4105O	HADOOP AND BIGDATA LAB	20	41	2
15BJ1A0530	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	18	0
15BJ1A0530	RT41052	UML AND DESIGN PATTERNS	15	12	0
15BJ1A0530	RT41053	MOBILE COMPUTING	18	16	0
15BJ1A0530	RT41054	SOFTWARE TESTING METHODOLOGIES	17	25	3
15BJ1A0530	RT4105B	HADOOP AND BIG DATA	20	29	3
15BJ1A0530	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15BJ1A0530	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0530	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0530	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15BJ1A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	12	0
15BJ1A0531	RT41052	UML AND DESIGN PATTERNS	20	17	0
15BJ1A0531	RT41053	MOBILE COMPUTING	20	24	3
15BJ1A0531	RT41054	SOFTWARE TESTING METHODOLOGIES	19	34	3
15BJ1A0531	RT4105B	HADOOP AND BIG DATA	19	29	3
15BJ1A0531	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15BJ1A0531	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15BJ1A0531	RT4105N	SOFTWARE TESTING LAB	14	38	2
15BJ1A0531	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	25	3
15BJ1A0532	RT41052	UML AND DESIGN PATTERNS	21	26	3
15BJ1A0532	RT41053	MOBILE COMPUTING	23	31	3
15BJ1A0532	RT41054	SOFTWARE TESTING METHODOLOGIES	21	41	3
15BJ1A0532	RT4105B	HADOOP AND BIG DATA	22	35	3
15BJ1A0532	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A0532	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15BJ1A0532	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0532	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0533	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	11	0
15BJ1A0533	RT41052	UML AND DESIGN PATTERNS	19	25	3
15BJ1A0533	RT41053	MOBILE COMPUTING	26	37	3
15BJ1A0533	RT41054	SOFTWARE TESTING METHODOLOGIES	24	17	0
15BJ1A0533	RT4105B	HADOOP AND BIG DATA	19	6	0
15BJ1A0533	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0533	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15BJ1A0533	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0533	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15BJ1A0534	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	33	3
15BJ1A0534	RT41052	UML AND DESIGN PATTERNS	21	48	3
15BJ1A0534	RT41053	MOBILE COMPUTING	25	29	3
15BJ1A0534	RT41054	SOFTWARE TESTING METHODOLOGIES	20	47	3
15BJ1A0534	RT4105B	HADOOP AND BIG DATA	27	39	3
15BJ1A0534	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0534	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15BJ1A0534	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0534	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15BJ1A0536	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	19	0
15BJ1A0536	RT41052	UML AND DESIGN PATTERNS	18	3	0
15BJ1A0536	RT41053	MOBILE COMPUTING	21	9	0
15BJ1A0536	RT41054	SOFTWARE TESTING METHODOLOGIES	18	25	3
15BJ1A0536	RT4105B	HADOOP AND BIG DATA	17	7	0
15BJ1A0536	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0536	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0536	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0536	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15BJ1A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
15BJ1A0539	RT41052	UML AND DESIGN PATTERNS	20	32	3
15BJ1A0539	RT41053	MOBILE COMPUTING	20	31	3
15BJ1A0539	RT41054	SOFTWARE TESTING METHODOLOGIES	19	36	3
15BJ1A0539	RT4105B	HADOOP AND BIG DATA	21	41	3
15BJ1A0539	RT4105L	UML AND DESIGN PATTERNS LAB	19	-1	0
15BJ1A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	-1	0
15BJ1A0539	RT4105N	SOFTWARE TESTING LAB	16	-1	0
15BJ1A0539	RT4105O	HADOOP AND BIGDATA LAB	20	-1	0
15BJ1A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	26	3
15BJ1A0542	RT41052	UML AND DESIGN PATTERNS	21	30	3
15BJ1A0542	RT41053	MOBILE COMPUTING	20	34	3
15BJ1A0542	RT41054	SOFTWARE TESTING METHODOLOGIES	20	8	0
15BJ1A0542	RT4105B	HADOOP AND BIG DATA	20	15	0
15BJ1A0542	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0542	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0542	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0542	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	36	3
15BJ1A0543	RT41052	UML AND DESIGN PATTERNS	23	44	3
15BJ1A0543	RT41053	MOBILE COMPUTING	23	37	3
15BJ1A0543	RT41054	SOFTWARE TESTING METHODOLOGIES	23	36	3
15BJ1A0543	RT4105B	HADOOP AND BIG DATA	23	42	3
15BJ1A0543	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15BJ1A0543	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0543	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	26	3
15BJ1A0544	RT41052	UML AND DESIGN PATTERNS	23	29	3
15BJ1A0544	RT41053	MOBILE COMPUTING	23	24	3
15BJ1A0544	RT41054	SOFTWARE TESTING METHODOLOGIES	25	38	3
15BJ1A0544	RT4105B	HADOOP AND BIG DATA	27	24	3
15BJ1A0544	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15BJ1A0544	RT4105N	SOFTWARE TESTING LAB	25	50	2
15BJ1A0544	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	40	3
15BJ1A0545	RT41052	UML AND DESIGN PATTERNS	22	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0545	RT41053	MOBILE COMPUTING	20	29	3
15BJ1A0545	RT41054	SOFTWARE TESTING METHODOLOGIES	19	24	3
15BJ1A0545	RT4105B	HADOOP AND BIG DATA	18	40	3
15BJ1A0545	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15BJ1A0545	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0545	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	14	0
15BJ1A0546	RT41052	UML AND DESIGN PATTERNS	18	28	3
15BJ1A0546	RT41053	MOBILE COMPUTING	17	19	0
15BJ1A0546	RT41054	SOFTWARE TESTING METHODOLOGIES	24	11	0
15BJ1A0546	RT4105B	HADOOP AND BIG DATA	17	15	0
15BJ1A0546	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15BJ1A0546	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15BJ1A0546	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0546	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15BJ1A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
15BJ1A0548	RT41052	UML AND DESIGN PATTERNS	16	28	3
15BJ1A0548	RT41053	MOBILE COMPUTING	24	28	3
15BJ1A0548	RT41054	SOFTWARE TESTING METHODOLOGIES	21	24	3
15BJ1A0548	RT4105B	HADOOP AND BIG DATA	20	31	3
15BJ1A0548	RT4105L	UML AND DESIGN PATTERNS LAB	20	41	2
15BJ1A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15BJ1A0548	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0548	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15BJ1A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	49	3
15BJ1A0549	RT41052	UML AND DESIGN PATTERNS	22	37	3
15BJ1A0549	RT41053	MOBILE COMPUTING	22	29	3
15BJ1A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	26	51	3
15BJ1A0549	RT4105B	HADOOP AND BIG DATA	25	41	3
15BJ1A0549	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15BJ1A0549	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0549	RT4105O	HADOOP AND BIGDATA LAB	22	43	2
15BJ1A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	9	-1	0
15BJ1A0550	RT41052	UML AND DESIGN PATTERNS	13	-1	0
15BJ1A0550	RT41053	MOBILE COMPUTING	23	-1	0
15BJ1A0550	RT41054	SOFTWARE TESTING METHODOLOGIES	16	-1	0
15BJ1A0550	RT4105B	HADOOP AND BIG DATA	5	-1	0
15BJ1A0550	RT4105L	UML AND DESIGN PATTERNS LAB	13	-1	0
15BJ1A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	13	-1	0
15BJ1A0550	RT4105N	SOFTWARE TESTING LAB	13	-1	0
15BJ1A0550	RT4105O	HADOOP AND BIGDATA LAB	13	-1	0
15BJ1A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	41	3
15BJ1A0551	RT41052	UML AND DESIGN PATTERNS	24	33	3
15BJ1A0551	RT41053	MOBILE COMPUTING	25	41	3
15BJ1A0551	RT41054	SOFTWARE TESTING METHODOLOGIES	27	34	3
15BJ1A0551	RT4105B	HADOOP AND BIG DATA	29	53	3
15BJ1A0551	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0551	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0551	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	16	0
15BJ1A0554	RT41052	UML AND DESIGN PATTERNS	17	33	3
15BJ1A0554	RT41053	MOBILE COMPUTING	18	24	3
15BJ1A0554	RT41054	SOFTWARE TESTING METHODOLOGIES	19	32	3
15BJ1A0554	RT4105B	HADOOP AND BIG DATA	20	13	0
15BJ1A0554	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15BJ1A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0554	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0554	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15BJ1A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	45	3
15BJ1A0555	RT41052	UML AND DESIGN PATTERNS	23	38	3
15BJ1A0555	RT41053	MOBILE COMPUTING	24	37	3
15BJ1A0555	RT41054	SOFTWARE TESTING METHODOLOGIES	27	49	3
15BJ1A0555	RT4105B	HADOOP AND BIG DATA	26	36	3
15BJ1A0555	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15BJ1A0555	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15BJ1A0555	RT4105N	SOFTWARE TESTING LAB	25	50	2
15BJ1A0555	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0556	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
15BJ1A0556	RT41052	UML AND DESIGN PATTERNS	11	29	3
15BJ1A0556	RT41053	MOBILE COMPUTING	22	24	3
15BJ1A0556	RT41054	SOFTWARE TESTING METHODOLOGIES	16	4	0
15BJ1A0556	RT4105B	HADOOP AND BIG DATA	16	34	3
15BJ1A0556	RT4105L	UML AND DESIGN PATTERNS LAB	19	40	2
15BJ1A0556	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15BJ1A0556	RT4105N	SOFTWARE TESTING LAB	18	44	2
15BJ1A0556	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
15BJ1A0558	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	12	0
15BJ1A0558	RT41052	UML AND DESIGN PATTERNS	17	3	0
15BJ1A0558	RT41053	MOBILE COMPUTING	16	19	0
15BJ1A0558	RT41054	SOFTWARE TESTING METHODOLOGIES	14	9	0
15BJ1A0558	RT4105B	HADOOP AND BIG DATA	16	11	0
15BJ1A0558	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0558	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15BJ1A0558	RT4105N	SOFTWARE TESTING LAB	20	46	2
15BJ1A0558	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15BJ1A0559	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	41	3
15BJ1A0559	RT41052	UML AND DESIGN PATTERNS	23	35	3
15BJ1A0559	RT41053	MOBILE COMPUTING	24	31	3
15BJ1A0559	RT41054	SOFTWARE TESTING METHODOLOGIES	20	38	3
15BJ1A0559	RT4105B	HADOOP AND BIG DATA	22	39	3
15BJ1A0559	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0559	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0559	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0559	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
15BJ1A0560	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	15	0
15BJ1A0560	RT41052	UML AND DESIGN PATTERNS	17	18	0
15BJ1A0560	RT41053	MOBILE COMPUTING	26	15	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0560	RT41054	SOFTWARE TESTING METHODOLOGIES	24	25	3
15BJ1A0560	RT4105B	HADOOP AND BIG DATA	18	16	0
15BJ1A0560	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A0560	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15BJ1A0560	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0560	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	51	3
15BJ1A0561	RT41052	UML AND DESIGN PATTERNS	23	34	3
15BJ1A0561	RT41053	MOBILE COMPUTING	25	40	3
15BJ1A0561	RT41054	SOFTWARE TESTING METHODOLOGIES	20	34	3
15BJ1A0561	RT4105B	HADOOP AND BIG DATA	22	54	3
15BJ1A0561	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15BJ1A0561	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0561	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	31	3
15BJ1A0562	RT41052	UML AND DESIGN PATTERNS	22	32	3
15BJ1A0562	RT41053	MOBILE COMPUTING	23	24	3
15BJ1A0562	RT41054	SOFTWARE TESTING METHODOLOGIES	20	35	3
15BJ1A0562	RT4105B	HADOOP AND BIG DATA	19	45	3
15BJ1A0562	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15BJ1A0562	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0562	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0563	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	29	3
15BJ1A0563	RT41052	UML AND DESIGN PATTERNS	23	47	3
15BJ1A0563	RT41053	MOBILE COMPUTING	25	35	3
15BJ1A0563	RT41054	SOFTWARE TESTING METHODOLOGIES	23	25	3
15BJ1A0563	RT4105B	HADOOP AND BIG DATA	20	34	3
15BJ1A0563	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15BJ1A0563	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0563	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0563	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15BJ1A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	25	3
15BJ1A0564	RT41052	UML AND DESIGN PATTERNS	27	35	3
15BJ1A0564	RT41053	MOBILE COMPUTING	26	24	3
15BJ1A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	16	41	3
15BJ1A0564	RT4105B	HADOOP AND BIG DATA	23	29	3
15BJ1A0564	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15BJ1A0564	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0564	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0565	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	43	3
15BJ1A0565	RT41052	UML AND DESIGN PATTERNS	22	29	3
15BJ1A0565	RT41053	MOBILE COMPUTING	27	36	3
15BJ1A0565	RT41054	SOFTWARE TESTING METHODOLOGIES	22	32	3
15BJ1A0565	RT4105B	HADOOP AND BIG DATA	28	52	3
15BJ1A0565	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A0565	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15BJ1A0565	RT4105N	SOFTWARE TESTING LAB	22	49	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0565	RT4105O	HADOOP AND BIGDATA LAB	22	43	2
15BJ1A0566	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	25	3
15BJ1A0566	RT41052	UML AND DESIGN PATTERNS	19	28	3
15BJ1A0566	RT41053	MOBILE COMPUTING	22	24	3
15BJ1A0566	RT41054	SOFTWARE TESTING METHODOLOGIES	17	25	3
15BJ1A0566	RT4105B	HADOOP AND BIG DATA	19	41	3
15BJ1A0566	RT4105L	UML AND DESIGN PATTERNS LAB	24	48	2
15BJ1A0566	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15BJ1A0566	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0566	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A0567	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	15	0
15BJ1A0567	RT41052	UML AND DESIGN PATTERNS	18	37	3
15BJ1A0567	RT41053	MOBILE COMPUTING	19	31	3
15BJ1A0567	RT41054	SOFTWARE TESTING METHODOLOGIES	18	29	3
15BJ1A0567	RT4105B	HADOOP AND BIG DATA	22	31	3
15BJ1A0567	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0567	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0567	RT4105N	SOFTWARE TESTING LAB	24	49	2
15BJ1A0567	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15BJ1A0568	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	15	0
15BJ1A0568	RT41052	UML AND DESIGN PATTERNS	17	26	3
15BJ1A0568	RT41053	MOBILE COMPUTING	20	10	0
15BJ1A0568	RT41054	SOFTWARE TESTING METHODOLOGIES	20	33	3
15BJ1A0568	RT4105B	HADOOP AND BIG DATA	17	24	3
15BJ1A0568	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15BJ1A0568	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15BJ1A0568	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0568	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15BJ1A0569	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	24	3
15BJ1A0569	RT41052	UML AND DESIGN PATTERNS	24	26	3
15BJ1A0569	RT41053	MOBILE COMPUTING	25	25	3
15BJ1A0569	RT41054	SOFTWARE TESTING METHODOLOGIES	22	31	3
15BJ1A0569	RT4105B	HADOOP AND BIG DATA	28	42	3
15BJ1A0569	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15BJ1A0569	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15BJ1A0569	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0569	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	28	3
15BJ1A0572	RT41052	UML AND DESIGN PATTERNS	25	30	3
15BJ1A0572	RT41053	MOBILE COMPUTING	28	32	3
15BJ1A0572	RT41054	SOFTWARE TESTING METHODOLOGIES	25	46	3
15BJ1A0572	RT4105B	HADOOP AND BIG DATA	26	37	3
15BJ1A0572	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15BJ1A0572	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15BJ1A0572	RT4105N	SOFTWARE TESTING LAB	24	50	2
15BJ1A0572	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A0573	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
15BJ1A0573	RT41052	UML AND DESIGN PATTERNS	22	34	3
15BJ1A0573	RT41053	MOBILE COMPUTING	26	29	3
15BJ1A0573	RT41054	SOFTWARE TESTING METHODOLOGIES	25	28	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0573	RT4105B	HADOOP AND BIG DATA	21	34	3
15BJ1A0573	RT4105L	UML AND DESIGN PATTERNS LAB	23	49	2
15BJ1A0573	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0573	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A0573	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15BJ1A0574	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	18	0
15BJ1A0574	RT41052	UML AND DESIGN PATTERNS	19	25	3
15BJ1A0574	RT41053	MOBILE COMPUTING	25	24	3
15BJ1A0574	RT41054	SOFTWARE TESTING METHODOLOGIES	22	30	3
15BJ1A0574	RT4105B	HADOOP AND BIG DATA	18	27	3
15BJ1A0574	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15BJ1A0574	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15BJ1A0574	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0574	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A0577	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	10	0
15BJ1A0577	RT41052	UML AND DESIGN PATTERNS	16	18	0
15BJ1A0577	RT41053	MOBILE COMPUTING	21	24	3
15BJ1A0577	RT41054	SOFTWARE TESTING METHODOLOGIES	18	31	3
15BJ1A0577	RT4105B	HADOOP AND BIG DATA	22	33	3
15BJ1A0577	RT4105L	UML AND DESIGN PATTERNS LAB	20	46	2
15BJ1A0577	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
15BJ1A0577	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0577	RT4105O	HADOOP AND BIGDATA LAB	20	42	2
15BJ1A0579	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	14	0
15BJ1A0579	RT41052	UML AND DESIGN PATTERNS	17	26	3
15BJ1A0579	RT41053	MOBILE COMPUTING	20	18	0
15BJ1A0579	RT41054	SOFTWARE TESTING METHODOLOGIES	20	29	3
15BJ1A0579	RT4105B	HADOOP AND BIG DATA	20	35	3
15BJ1A0579	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15BJ1A0579	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15BJ1A0579	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0579	RT4105O	HADOOP AND BIGDATA LAB	21	44	2
15BJ1A0581	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	12	0
15BJ1A0581	RT41052	UML AND DESIGN PATTERNS	16	43	3
15BJ1A0581	RT41053	MOBILE COMPUTING	22	39	3
15BJ1A0581	RT41054	SOFTWARE TESTING METHODOLOGIES	22	24	3
15BJ1A0581	RT4105B	HADOOP AND BIG DATA	22	17	0
15BJ1A0581	RT4105L	UML AND DESIGN PATTERNS LAB	21	47	2
15BJ1A0581	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15BJ1A0581	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A0581	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A0582	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	25	3
15BJ1A0582	RT41052	UML AND DESIGN PATTERNS	17	33	3
15BJ1A0582	RT41053	MOBILE COMPUTING	19	35	3
15BJ1A0582	RT41054	SOFTWARE TESTING METHODOLOGIES	19	46	3
15BJ1A0582	RT4105B	HADOOP AND BIG DATA	22	29	3
15BJ1A0582	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15BJ1A0582	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
15BJ1A0582	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0582	RT4105O	HADOOP AND BIGDATA LAB	22	44	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	44	3
15BJ1A0583	RT41052	UML AND DESIGN PATTERNS	19	36	3
15BJ1A0583	RT41053	MOBILE COMPUTING	27	28	3
15BJ1A0583	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3
15BJ1A0583	RT4105B	HADOOP AND BIG DATA	21	38	3
15BJ1A0583	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A0583	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A0583	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0583	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15BJ1A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	28	3
15BJ1A0584	RT41052	UML AND DESIGN PATTERNS	19	31	3
15BJ1A0584	RT41053	MOBILE COMPUTING	22	31	3
15BJ1A0584	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
15BJ1A0584	RT4105B	HADOOP AND BIG DATA	20	42	3
15BJ1A0584	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15BJ1A0584	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0584	RT4105N	SOFTWARE TESTING LAB	19	46	2
15BJ1A0584	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15BJ1A0585	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	34	3
15BJ1A0585	RT41052	UML AND DESIGN PATTERNS	26	45	3
15BJ1A0585	RT41053	MOBILE COMPUTING	26	39	3
15BJ1A0585	RT41054	SOFTWARE TESTING METHODOLOGIES	22	41	3
15BJ1A0585	RT4105B	HADOOP AND BIG DATA	23	30	3
15BJ1A0585	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A0585	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0585	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0585	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15BJ1A0587	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	13	0
15BJ1A0587	RT41052	UML AND DESIGN PATTERNS	14	26	3
15BJ1A0587	RT41053	MOBILE COMPUTING	27	18	0
15BJ1A0587	RT41054	SOFTWARE TESTING METHODOLOGIES	19	30	3
15BJ1A0587	RT4105B	HADOOP AND BIG DATA	18	25	3
15BJ1A0587	RT4105L	UML AND DESIGN PATTERNS LAB	19	42	2
15BJ1A0587	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0587	RT4105N	SOFTWARE TESTING LAB	19	46	2
15BJ1A0587	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A0588	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	44	3
15BJ1A0588	RT41052	UML AND DESIGN PATTERNS	24	31	3
15BJ1A0588	RT41053	MOBILE COMPUTING	29	24	3
15BJ1A0588	RT41054	SOFTWARE TESTING METHODOLOGIES	23	34	3
15BJ1A0588	RT4105B	HADOOP AND BIG DATA	24	46	3
15BJ1A0588	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15BJ1A0588	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15BJ1A0588	RT4105N	SOFTWARE TESTING LAB	20	48	2
15BJ1A0588	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15BJ1A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
15BJ1A0589	RT41052	UML AND DESIGN PATTERNS	17	24	3
15BJ1A0589	RT41053	MOBILE COMPUTING	20	19	0
15BJ1A0589	RT41054	SOFTWARE TESTING METHODOLOGIES	22	24	3
15BJ1A0589	RT4105B	HADOOP AND BIG DATA	19	26	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0589	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15BJ1A0589	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0589	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A0589	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
15BJ1A0590	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	29	3
15BJ1A0590	RT41052	UML AND DESIGN PATTERNS	22	36	3
15BJ1A0590	RT41053	MOBILE COMPUTING	22	33	3
15BJ1A0590	RT41054	SOFTWARE TESTING METHODOLOGIES	22	30	3
15BJ1A0590	RT4105B	HADOOP AND BIG DATA	23	34	3
15BJ1A0590	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15BJ1A0590	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A0590	RT4105N	SOFTWARE TESTING LAB	18	44	2
15BJ1A0590	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15BJ1A0592	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	15	0
15BJ1A0592	RT41052	UML AND DESIGN PATTERNS	17	25	3
15BJ1A0592	RT41053	MOBILE COMPUTING	21	24	3
15BJ1A0592	RT41054	SOFTWARE TESTING METHODOLOGIES	16	36	3
15BJ1A0592	RT4105B	HADOOP AND BIG DATA	19	24	3
15BJ1A0592	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15BJ1A0592	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15BJ1A0592	RT4105N	SOFTWARE TESTING LAB	19	46	2
15BJ1A0592	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A0593	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	6	0
15BJ1A0593	RT41052	UML AND DESIGN PATTERNS	15	25	3
15BJ1A0593	RT41053	MOBILE COMPUTING	16	24	3
15BJ1A0593	RT41054	SOFTWARE TESTING METHODOLOGIES	18	24	3
15BJ1A0593	RT4105B	HADOOP AND BIG DATA	17	30	3
15BJ1A0593	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15BJ1A0593	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15BJ1A0593	RT4105N	SOFTWARE TESTING LAB	20	48	2
15BJ1A0593	RT4105O	HADOOP AND BIGDATA LAB	20	41	2
15BJ1A0595	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	16	0
15BJ1A0595	RT41052	UML AND DESIGN PATTERNS	14	27	3
15BJ1A0595	RT41053	MOBILE COMPUTING	17	9	0
15BJ1A0595	RT41054	SOFTWARE TESTING METHODOLOGIES	16	6	0
15BJ1A0595	RT4105B	HADOOP AND BIG DATA	21	6	0
15BJ1A0595	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15BJ1A0595	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15BJ1A0595	RT4105N	SOFTWARE TESTING LAB	18	44	2
15BJ1A0595	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15BJ1A0596	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	29	3
15BJ1A0596	RT41052	UML AND DESIGN PATTERNS	18	28	3
15BJ1A0596	RT41053	MOBILE COMPUTING	20	29	3
15BJ1A0596	RT41054	SOFTWARE TESTING METHODOLOGIES	16	26	3
15BJ1A0596	RT4105B	HADOOP AND BIG DATA	18	27	3
15BJ1A0596	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
15BJ1A0596	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A0596	RT4105N	SOFTWARE TESTING LAB	20	46	2
15BJ1A0596	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15BJ1A0597	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	5	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A0597	RT41052	UML AND DESIGN PATTERNS	7	-1	0
15BJ1A0597	RT41053	MOBILE COMPUTING	18	-1	0
15BJ1A0597	RT41054	SOFTWARE TESTING METHODOLOGIES	14	-1	0
15BJ1A0597	RT4105B	HADOOP AND BIG DATA	8	4	0
15BJ1A0597	RT4105L	UML AND DESIGN PATTERNS LAB	21	44	2
15BJ1A0597	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15BJ1A0597	RT4105N	SOFTWARE TESTING LAB	18	43	2
15BJ1A0597	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
15BJ1A0598	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	9	0
15BJ1A0598	RT41052	UML AND DESIGN PATTERNS	16	11	0
15BJ1A0598	RT41053	MOBILE COMPUTING	16	25	3
15BJ1A0598	RT41054	SOFTWARE TESTING METHODOLOGIES	19	25	3
15BJ1A0598	RT4105B	HADOOP AND BIG DATA	21	15	0
15BJ1A0598	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15BJ1A0598	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15BJ1A0598	RT4105N	SOFTWARE TESTING LAB	19	46	2
15BJ1A0598	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A05A2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	31	3
15BJ1A05A2	RT41052	UML AND DESIGN PATTERNS	20	31	3
15BJ1A05A2	RT41053	MOBILE COMPUTING	19	31	3
15BJ1A05A2	RT41054	SOFTWARE TESTING METHODOLOGIES	18	31	3
15BJ1A05A2	RT4105B	HADOOP AND BIG DATA	20	29	3
15BJ1A05A2	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
15BJ1A05A2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15BJ1A05A2	RT4105N	SOFTWARE TESTING LAB	18	44	2
15BJ1A05A2	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A05A3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	40	3
15BJ1A05A3	RT41052	UML AND DESIGN PATTERNS	17	42	3
15BJ1A05A3	RT41053	MOBILE COMPUTING	21	29	3
15BJ1A05A3	RT41054	SOFTWARE TESTING METHODOLOGIES	16	32	3
15BJ1A05A3	RT4105B	HADOOP AND BIG DATA	20	17	0
15BJ1A05A3	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A05A3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15BJ1A05A3	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05A3	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15BJ1A05A4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	10	0
15BJ1A05A4	RT41052	UML AND DESIGN PATTERNS	18	6	0
15BJ1A05A4	RT41053	MOBILE COMPUTING	16	8	0
15BJ1A05A4	RT41054	SOFTWARE TESTING METHODOLOGIES	16	39	3
15BJ1A05A4	RT4105B	HADOOP AND BIG DATA	17	6	0
15BJ1A05A4	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15BJ1A05A4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A05A4	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05A4	RT4105O	HADOOP AND BIGDATA LAB	21	42	2
15BJ1A05A5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	29	3
15BJ1A05A5	RT41052	UML AND DESIGN PATTERNS	17	26	3
15BJ1A05A5	RT41053	MOBILE COMPUTING	20	35	3
15BJ1A05A5	RT41054	SOFTWARE TESTING METHODOLOGIES	18	24	3
15BJ1A05A5	RT4105B	HADOOP AND BIG DATA	17	4	0
15BJ1A05A5	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05A5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A05A5	RT4105N	SOFTWARE TESTING LAB	18	44	2
15BJ1A05A5	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A05A6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	24	3
15BJ1A05A6	RT41052	UML AND DESIGN PATTERNS	23	25	3
15BJ1A05A6	RT41053	MOBILE COMPUTING	20	15	0
15BJ1A05A6	RT41054	SOFTWARE TESTING METHODOLOGIES	20	16	0
15BJ1A05A6	RT4105B	HADOOP AND BIG DATA	18	24	3
15BJ1A05A6	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A05A6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15BJ1A05A6	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05A6	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A05A7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	39	3
15BJ1A05A7	RT41052	UML AND DESIGN PATTERNS	18	33	3
15BJ1A05A7	RT41053	MOBILE COMPUTING	21	39	3
15BJ1A05A7	RT41054	SOFTWARE TESTING METHODOLOGIES	22	31	3
15BJ1A05A7	RT4105B	HADOOP AND BIG DATA	17	27	3
15BJ1A05A7	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15BJ1A05A7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A05A7	RT4105N	SOFTWARE TESTING LAB	21	48	2
15BJ1A05A7	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A05A9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
15BJ1A05A9	RT41052	UML AND DESIGN PATTERNS	20	26	3
15BJ1A05A9	RT41053	MOBILE COMPUTING	24	17	0
15BJ1A05A9	RT41054	SOFTWARE TESTING METHODOLOGIES	16	39	3
15BJ1A05A9	RT4105B	HADOOP AND BIG DATA	19	27	3
15BJ1A05A9	RT4105L	UML AND DESIGN PATTERNS LAB	21	43	2
15BJ1A05A9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A05A9	RT4105N	SOFTWARE TESTING LAB	20	48	2
15BJ1A05A9	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A05B0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	36	3
15BJ1A05B0	RT41052	UML AND DESIGN PATTERNS	22	24	3
15BJ1A05B0	RT41053	MOBILE COMPUTING	24	27	3
15BJ1A05B0	RT41054	SOFTWARE TESTING METHODOLOGIES	23	24	3
15BJ1A05B0	RT4105B	HADOOP AND BIG DATA	18	35	3
15BJ1A05B0	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15BJ1A05B0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	46	2
15BJ1A05B0	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A05B0	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15BJ1A05B1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	40	3
15BJ1A05B1	RT41052	UML AND DESIGN PATTERNS	21	39	3
15BJ1A05B1	RT41053	MOBILE COMPUTING	22	32	3
15BJ1A05B1	RT41054	SOFTWARE TESTING METHODOLOGIES	24	43	3
15BJ1A05B1	RT4105B	HADOOP AND BIG DATA	24	51	3
15BJ1A05B1	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15BJ1A05B1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15BJ1A05B1	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05B1	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ1A05B3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	31	3
15BJ1A05B3	RT41052	UML AND DESIGN PATTERNS	19	33	3

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05B3	RT41053	MOBILE COMPUTING	28	34	3
15BJ1A05B3	RT41054	SOFTWARE TESTING METHODOLOGIES	21	31	3
15BJ1A05B3	RT4105B	HADOOP AND BIG DATA	18	29	3
15BJ1A05B3	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15BJ1A05B3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15BJ1A05B3	RT4105N	SOFTWARE TESTING LAB	20	44	2
15BJ1A05B3	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A05B4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	11	0
15BJ1A05B4	RT41052	UML AND DESIGN PATTERNS	19	25	3
15BJ1A05B4	RT41053	MOBILE COMPUTING	19	29	3
15BJ1A05B4	RT41054	SOFTWARE TESTING METHODOLOGIES	16	44	3
15BJ1A05B4	RT4105B	HADOOP AND BIG DATA	16	29	3
15BJ1A05B4	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
15BJ1A05B4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
15BJ1A05B4	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05B4	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
15BJ1A05B5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	0	0
15BJ1A05B5	RT41052	UML AND DESIGN PATTERNS	15	1	0
15BJ1A05B5	RT41053	MOBILE COMPUTING	19	6	0
15BJ1A05B5	RT41054	SOFTWARE TESTING METHODOLOGIES	17	8	0
15BJ1A05B5	RT4105B	HADOOP AND BIG DATA	19	12	0
15BJ1A05B5	RT4105L	UML AND DESIGN PATTERNS LAB	19	38	2
15BJ1A05B5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15BJ1A05B5	RT4105N	SOFTWARE TESTING LAB	20	46	2
15BJ1A05B5	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
15BJ1A05B7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	17	0
15BJ1A05B7	RT41052	UML AND DESIGN PATTERNS	18	26	3
15BJ1A05B7	RT41053	MOBILE COMPUTING	19	15	0
15BJ1A05B7	RT41054	SOFTWARE TESTING METHODOLOGIES	21	26	3
15BJ1A05B7	RT4105B	HADOOP AND BIG DATA	21	19	0
15BJ1A05B7	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A05B7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15BJ1A05B7	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A05B7	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15BJ1A05C2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	41	3
15BJ1A05C2	RT41052	UML AND DESIGN PATTERNS	22	53	3
15BJ1A05C2	RT41053	MOBILE COMPUTING	25	46	3
15BJ1A05C2	RT41054	SOFTWARE TESTING METHODOLOGIES	23	42	3
15BJ1A05C2	RT4105B	HADOOP AND BIG DATA	27	39	3
15BJ1A05C2	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
15BJ1A05C2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
15BJ1A05C2	RT4105N	SOFTWARE TESTING LAB	23	49	2
15BJ1A05C2	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15BJ1A05C3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	24	3
15BJ1A05C3	RT41052	UML AND DESIGN PATTERNS	18	26	3
15BJ1A05C3	RT41053	MOBILE COMPUTING	17	24	3
15BJ1A05C3	RT41054	SOFTWARE TESTING METHODOLOGIES	20	28	3
15BJ1A05C3	RT4105B	HADOOP AND BIG DATA	19	24	3
15BJ1A05C3	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15BJ1A05C3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15BJ1A05C3	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05C3	RT4105O	HADOOP AND BIGDATA LAB	22	43	2
15BJ1A05C7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	7	0
15BJ1A05C7	RT41052	UML AND DESIGN PATTERNS	19	14	0
15BJ1A05C7	RT41053	MOBILE COMPUTING	21	15	0
15BJ1A05C7	RT41054	SOFTWARE TESTING METHODOLOGIES	16	0	0
15BJ1A05C7	RT4105B	HADOOP AND BIG DATA	20	7	0
15BJ1A05C7	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
15BJ1A05C7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
15BJ1A05C7	RT4105N	SOFTWARE TESTING LAB	20	46	2
15BJ1A05C7	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15BJ1A05C9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	31	3
15BJ1A05C9	RT41052	UML AND DESIGN PATTERNS	18	30	3
15BJ1A05C9	RT41053	MOBILE COMPUTING	23	34	3
15BJ1A05C9	RT41054	SOFTWARE TESTING METHODOLOGIES	16	26	3
15BJ1A05C9	RT4105B	HADOOP AND BIG DATA	19	35	3
15BJ1A05C9	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
15BJ1A05C9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15BJ1A05C9	RT4105N	SOFTWARE TESTING LAB	22	49	2
15BJ1A05C9	RT4105O	HADOOP AND BIGDATA LAB	21	43	2
15BJ1A05D0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	12	0
15BJ1A05D0	RT41052	UML AND DESIGN PATTERNS	15	5	0
15BJ1A05D0	RT41053	MOBILE COMPUTING	3	14	0
15BJ1A05D0	RT41054	SOFTWARE TESTING METHODOLOGIES	19	18	0
15BJ1A05D0	RT4105B	HADOOP AND BIG DATA	17	0	0
15BJ1A05D0	RT4105L	UML AND DESIGN PATTERNS LAB	18	38	2
15BJ1A05D0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15BJ1A05D0	RT4105N	SOFTWARE TESTING LAB	14	-1	0
15BJ1A05D0	RT4105O	HADOOP AND BIGDATA LAB	18	-1	0
15BJ1A05D2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	13	0
15BJ1A05D2	RT41052	UML AND DESIGN PATTERNS	17	15	0
15BJ1A05D2	RT41053	MOBILE COMPUTING	21	27	3
15BJ1A05D2	RT41054	SOFTWARE TESTING METHODOLOGIES	19	39	3
15BJ1A05D2	RT4105B	HADOOP AND BIG DATA	17	15	0
15BJ1A05D2	RT4105L	UML AND DESIGN PATTERNS LAB	22	45	2
15BJ1A05D2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
15BJ1A05D2	RT4105N	SOFTWARE TESTING LAB	20	48	2
15BJ1A05D2	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15BJ5A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	45	3
15BJ5A0119	RT41012	PRESTRESSED CONCRETE	25	39	3
15BJ5A0119	RT41014	WATER RESOURCES ENGINEERING - II	15	4	0
15BJ5A0121	RT41012	PRESTRESSED CONCRETE	15	17	0
15BJ5A0121	RT41014	WATER RESOURCES ENGINEERING - II	17	4	0
15BJ5A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	0	0
15BJ5A0206	RT41025	INSTRUMENTATION	17	7	0
15BJ5A0216	RT41022	HVAC AND DC TRANSMISSION	20	30	3
15BJ5A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	25	3
15BJ5A0217	RT41022	HVAC AND DC TRANSMISSION	21	35	3
15BJ5A0217	RT41025	INSTRUMENTATION	25	6	0
15BJ5A0306	RT41032	CAD / CAM	18	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15BJ5A0306	RT41033	FINITE ELEMENT METHODS	18	-1	0
15BJ5A0306	RT41036	NANO TECHNOLOGY	18	-1	0
15BJ5A0306	RT41039	AUTOMATION IN MANUFACTURING	17	-1	0
15BJ5A0308	RT41033	FINITE ELEMENT METHODS	18	0	0
15BJ5A0312	RT41033	FINITE ELEMENT METHODS	17	28	3
15BJ5A0330	RT41033	FINITE ELEMENT METHODS	21	32	3
15BJ5A0405	RT41041	VLSI DESIGN	20	15	0
15BJ5A0405	RT41048	RADAR SYSTEMS	18	24	3
15BJ5A0405	RT4104A	OPTICAL COMMUNICATION	15	20	0
15BJ5A0410	RT4104A	OPTICAL COMMUNICATION	16	24	3
15BJ5A0417	RT41041	VLSI DESIGN	16	20	0
15BJ5A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	33	3
15KT1A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	32	3
15KT1A0519	RT41052	UML AND DESIGN PATTERNS	17	28	3
15KT1A0519	RT41053	MOBILE COMPUTING	25	24	3
15KT1A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3
15KT1A0519	RT4105B	HADOOP AND BIG DATA	25	43	3
15KT1A0519	RT4105L	UML AND DESIGN PATTERNS LAB	23	48	2
15KT1A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15KT1A0519	RT4105N	SOFTWARE TESTING LAB	23	49	2
15KT1A0519	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
16BJ5A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	27	39	3
16BJ5A0101	RT41012	PRESTRESSED CONCRETE	27	44	3
16BJ5A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	51	3
16BJ5A0101	RT41014	WATER RESOURCES ENGINEERING - II	27	42	3
16BJ5A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	48	3
16BJ5A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	40	3
16BJ5A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	48	2
16BJ5A0101	RT4101M	GIS AND CAD LAB	25	50	2
16BJ5A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	23	34	3
16BJ5A0103	RT41012	PRESTRESSED CONCRETE	23	53	3
16BJ5A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	33	3
16BJ5A0103	RT41014	WATER RESOURCES ENGINEERING - II	22	9	0
16BJ5A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	2	0
16BJ5A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	46	3
16BJ5A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	48	2
16BJ5A0103	RT4101M	GIS AND CAD LAB	21	44	2
16BJ5A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	27	35	3
16BJ5A0104	RT41012	PRESTRESSED CONCRETE	28	41	3
16BJ5A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	39	3
16BJ5A0104	RT41014	WATER RESOURCES ENGINEERING - II	27	13	0
16BJ5A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	48	3
16BJ5A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	44	3
16BJ5A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
16BJ5A0104	RT4101M	GIS AND CAD LAB	23	46	2
16BJ5A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	26	39	3
16BJ5A0105	RT41012	PRESTRESSED CONCRETE	27	26	3
16BJ5A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	46	3
16BJ5A0105	RT41014	WATER RESOURCES ENGINEERING - II	28	25	3
16BJ5A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	35	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	49	3
16BJ5A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
16BJ5A0105	RT4101M	GIS AND CAD LAB	22	45	2
16BJ5A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	22	26	3
16BJ5A0106	RT41012	PRESTRESSED CONCRETE	22	29	3
16BJ5A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	29	3
16BJ5A0106	RT41014	WATER RESOURCES ENGINEERING - II	20	24	3
16BJ5A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	30	3
16BJ5A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	30	3
16BJ5A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	45	2
16BJ5A0106	RT4101M	GIS AND CAD LAB	20	42	2
16BJ5A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	21	31	3
16BJ5A0108	RT41012	PRESTRESSED CONCRETE	23	12	0
16BJ5A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	36	3
16BJ5A0108	RT41014	WATER RESOURCES ENGINEERING - II	22	2	0
16BJ5A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	17	0
16BJ5A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	37	3
16BJ5A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	44	2
16BJ5A0108	RT4101M	GIS AND CAD LAB	21	41	2
16BJ5A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	22	41	3
16BJ5A0110	RT41012	PRESTRESSED CONCRETE	27	39	3
16BJ5A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	43	3
16BJ5A0110	RT41014	WATER RESOURCES ENGINEERING - II	29	29	3
16BJ5A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	48	3
16BJ5A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	38	3
16BJ5A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	45	2
16BJ5A0110	RT4101M	GIS AND CAD LAB	20	43	2
16BJ5A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	24	38	3
16BJ5A0111	RT41012	PRESTRESSED CONCRETE	23	43	3
16BJ5A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	38	3
16BJ5A0111	RT41014	WATER RESOURCES ENGINEERING - II	25	30	3
16BJ5A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	53	3
16BJ5A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	43	3
16BJ5A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	39	2
16BJ5A0111	RT4101M	GIS AND CAD LAB	20	40	2
16BJ5A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	26	36	3
16BJ5A0112	RT41012	PRESTRESSED CONCRETE	25	30	3
16BJ5A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	29	3
16BJ5A0112	RT41014	WATER RESOURCES ENGINEERING - II	22	24	3
16BJ5A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	32	3
16BJ5A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	43	3
16BJ5A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	44	2
16BJ5A0112	RT4101M	GIS AND CAD LAB	21	40	2
16BJ5A0117	RT41011	ENVIRONMENTAL ENGINEERING- II	21	28	3
16BJ5A0117	RT41012	PRESTRESSED CONCRETE	20	46	3
16BJ5A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	36	3
16BJ5A0117	RT41014	WATER RESOURCES ENGINEERING - II	25	5	0
16BJ5A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	19	34	3
16BJ5A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	46	3
16BJ5A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	14	39	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0117	RT4101M	GIS AND CAD LAB	14	38	2
16BJ5A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	21	42	3
16BJ5A0119	RT41012	PRESTRESSED CONCRETE	25	33	3
16BJ5A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	36	3
16BJ5A0119	RT41014	WATER RESOURCES ENGINEERING - II	22	27	3
16BJ5A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	42	3
16BJ5A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	33	3
16BJ5A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	45	2
16BJ5A0119	RT4101M	GIS AND CAD LAB	21	42	2
16BJ5A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	23	33	3
16BJ5A0120	RT41012	PRESTRESSED CONCRETE	24	27	3
16BJ5A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	27	3
16BJ5A0120	RT41014	WATER RESOURCES ENGINEERING - II	22	24	3
16BJ5A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	15	14	0
16BJ5A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	27	3
16BJ5A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	39	2
16BJ5A0120	RT4101M	GIS AND CAD LAB	21	45	2
16BJ5A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	37	3
16BJ5A0201	RT41022	HVAC AND DC TRANSMISSION	25	32	3
16BJ5A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	44	3
16BJ5A0201	RT41025	INSTRUMENTATION	25	58	3
16BJ5A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	59	3
16BJ5A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2
16BJ5A0201	RT4102M	ELECTRICAL SIMULATION LAB	20	44	2
16BJ5A0201	RT4102N	POWER SYSTEMS LAB	19	45	2
16BJ5A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	51	3
16BJ5A0202	RT41022	HVAC AND DC TRANSMISSION	24	31	3
16BJ5A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	31	3
16BJ5A0202	RT41025	INSTRUMENTATION	22	24	3
16BJ5A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	48	3
16BJ5A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0202	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
16BJ5A0202	RT4102N	POWER SYSTEMS LAB	22	45	2
16BJ5A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	35	3
16BJ5A0203	RT41022	HVAC AND DC TRANSMISSION	25	43	3
16BJ5A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	24	3
16BJ5A0203	RT41025	INSTRUMENTATION	25	38	3
16BJ5A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	32	3
16BJ5A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16BJ5A0203	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
16BJ5A0203	RT4102N	POWER SYSTEMS LAB	24	47	2
16BJ5A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	42	3
16BJ5A0204	RT41022	HVAC AND DC TRANSMISSION	22	43	3
16BJ5A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	33	3
16BJ5A0204	RT41025	INSTRUMENTATION	29	50	3
16BJ5A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	37	3
16BJ5A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0204	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
16BJ5A0204	RT4102N	POWER SYSTEMS LAB	22	45	2
16BJ5A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0205	RT41022	HVAC AND DC TRANSMISSION	25	32	3
16BJ5A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	28	3
16BJ5A0205	RT41025	INSTRUMENTATION	30	42	3
16BJ5A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	45	3
16BJ5A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0205	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16BJ5A0205	RT4102N	POWER SYSTEMS LAB	23	46	2
16BJ5A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	34	3
16BJ5A0206	RT41022	HVAC AND DC TRANSMISSION	24	24	3
16BJ5A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	14	0
16BJ5A0206	RT41025	INSTRUMENTATION	27	29	3
16BJ5A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	43	3
16BJ5A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0206	RT4102M	ELECTRICAL SIMULATION LAB	24	47	2
16BJ5A0206	RT4102N	POWER SYSTEMS LAB	22	48	2
16BJ5A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	34	3
16BJ5A0207	RT41022	HVAC AND DC TRANSMISSION	30	50	3
16BJ5A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	16	0
16BJ5A0207	RT41025	INSTRUMENTATION	29	39	3
16BJ5A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	51	3
16BJ5A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BJ5A0207	RT4102M	ELECTRICAL SIMULATION LAB	25	50	2
16BJ5A0207	RT4102N	POWER SYSTEMS LAB	24	49	2
16BJ5A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	44	3
16BJ5A0208	RT41022	HVAC AND DC TRANSMISSION	24	24	3
16BJ5A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	18	0
16BJ5A0208	RT41025	INSTRUMENTATION	23	33	3
16BJ5A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	27	3
16BJ5A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
16BJ5A0208	RT4102M	ELECTRICAL SIMULATION LAB	21	46	2
16BJ5A0208	RT4102N	POWER SYSTEMS LAB	21	45	2
16BJ5A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	35	3
16BJ5A0209	RT41022	HVAC AND DC TRANSMISSION	28	40	3
16BJ5A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	35	3
16BJ5A0209	RT41025	INSTRUMENTATION	27	48	3
16BJ5A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	52	3
16BJ5A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16BJ5A0209	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16BJ5A0209	RT4102N	POWER SYSTEMS LAB	24	49	2
16BJ5A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	40	3
16BJ5A0210	RT41022	HVAC AND DC TRANSMISSION	26	26	3
16BJ5A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	24	3
16BJ5A0210	RT41025	INSTRUMENTATION	25	25	3
16BJ5A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	26	3
16BJ5A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BJ5A0210	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16BJ5A0210	RT4102N	POWER SYSTEMS LAB	25	49	2
16BJ5A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	38	3
16BJ5A0211	RT41022	HVAC AND DC TRANSMISSION	19	35	3
16BJ5A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	16	0

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0211	RT41025	INSTRUMENTATION	23	25	3
16BJ5A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	36	3
16BJ5A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0211	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
16BJ5A0211	RT4102N	POWER SYSTEMS LAB	22	45	2
16BJ5A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	31	3
16BJ5A0212	RT41022	HVAC AND DC TRANSMISSION	23	34	3
16BJ5A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	10	0
16BJ5A0212	RT41025	INSTRUMENTATION	18	25	3
16BJ5A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	24	3
16BJ5A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	44	2
16BJ5A0212	RT4102M	ELECTRICAL SIMULATION LAB	20	44	2
16BJ5A0212	RT4102N	POWER SYSTEMS LAB	18	43	2
16BJ5A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	32	3
16BJ5A0213	RT41022	HVAC AND DC TRANSMISSION	26	32	3
16BJ5A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	32	3
16BJ5A0213	RT41025	INSTRUMENTATION	22	41	3
16BJ5A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	42	3
16BJ5A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0213	RT4102M	ELECTRICAL SIMULATION LAB	24	49	2
16BJ5A0213	RT4102N	POWER SYSTEMS LAB	22	46	2
16BJ5A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	61	3
16BJ5A0214	RT41022	HVAC AND DC TRANSMISSION	29	58	3
16BJ5A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	48	3
16BJ5A0214	RT41025	INSTRUMENTATION	30	42	3
16BJ5A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	62	3
16BJ5A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16BJ5A0214	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16BJ5A0214	RT4102N	POWER SYSTEMS LAB	23	48	2
16BJ5A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	35	3
16BJ5A0215	RT41022	HVAC AND DC TRANSMISSION	22	25	3
16BJ5A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	32	3
16BJ5A0215	RT41025	INSTRUMENTATION	29	26	3
16BJ5A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	39	3
16BJ5A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	45	2
16BJ5A0215	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16BJ5A0215	RT4102N	POWER SYSTEMS LAB	21	46	2
16BJ5A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	39	3
16BJ5A0216	RT41022	HVAC AND DC TRANSMISSION	26	44	3
16BJ5A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	33	3
16BJ5A0216	RT41025	INSTRUMENTATION	26	37	3
16BJ5A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	34	3
16BJ5A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0216	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
16BJ5A0216	RT4102N	POWER SYSTEMS LAB	22	46	2
16BJ5A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	32	3
16BJ5A0217	RT41022	HVAC AND DC TRANSMISSION	28	43	3
16BJ5A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	30	3
16BJ5A0217	RT41025	INSTRUMENTATION	30	51	3
16BJ5A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	38	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
16BJ5A0217	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16BJ5A0217	RT4102N	POWER SYSTEMS LAB	22	48	2
16BJ5A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	31	3
16BJ5A0218	RT41022	HVAC AND DC TRANSMISSION	26	40	3
16BJ5A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	13	0
16BJ5A0218	RT41025	INSTRUMENTATION	29	26	3
16BJ5A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	53	3
16BJ5A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16BJ5A0218	RT4102M	ELECTRICAL SIMULATION LAB	25	48	2
16BJ5A0218	RT4102N	POWER SYSTEMS LAB	23	48	2
16BJ5A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	24	3
16BJ5A0219	RT41022	HVAC AND DC TRANSMISSION	16	24	3
16BJ5A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	5	0
16BJ5A0219	RT41025	INSTRUMENTATION	19	4	0
16BJ5A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	25	3
16BJ5A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
16BJ5A0219	RT4102M	ELECTRICAL SIMULATION LAB	20	44	2
16BJ5A0219	RT4102N	POWER SYSTEMS LAB	19	45	2
16BJ5A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	43	3
16BJ5A0221	RT41022	HVAC AND DC TRANSMISSION	29	43	3
16BJ5A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	29	3
16BJ5A0221	RT41025	INSTRUMENTATION	30	51	3
16BJ5A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	55	3
16BJ5A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BJ5A0221	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16BJ5A0221	RT4102N	POWER SYSTEMS LAB	25	50	2
16BJ5A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	24	3
16BJ5A0223	RT41022	HVAC AND DC TRANSMISSION	29	35	3
16BJ5A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	25	3
16BJ5A0223	RT41025	INSTRUMENTATION	29	34	3
16BJ5A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	33	3
16BJ5A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16BJ5A0223	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2
16BJ5A0223	RT4102N	POWER SYSTEMS LAB	23	48	2
16BJ5A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	53	3
16BJ5A0224	RT41022	HVAC AND DC TRANSMISSION	29	58	3
16BJ5A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	10	0
16BJ5A0224	RT41025	INSTRUMENTATION	26	36	3
16BJ5A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	53	3
16BJ5A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	50	2
16BJ5A0224	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16BJ5A0224	RT4102N	POWER SYSTEMS LAB	25	50	2
16BJ5A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	37	3
16BJ5A0225	RT41022	HVAC AND DC TRANSMISSION	22	31	3
16BJ5A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	24	3
16BJ5A0225	RT41025	INSTRUMENTATION	23	28	3
16BJ5A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	29	3
16BJ5A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	49	2
16BJ5A0225	RT4102M	ELECTRICAL SIMULATION LAB	24	48	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0225	RT4102N	POWER SYSTEMS LAB	24	46	2
16BJ5A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	31	3
16BJ5A0227	RT41022	HVAC AND DC TRANSMISSION	20	30	3
16BJ5A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	24	3
16BJ5A0227	RT41025	INSTRUMENTATION	26	29	3
16BJ5A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	30	3
16BJ5A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	44	2
16BJ5A0227	RT4102M	ELECTRICAL SIMULATION LAB	12	44	2
16BJ5A0227	RT4102N	POWER SYSTEMS LAB	14	45	2
16BJ5A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	24	3
16BJ5A0228	RT41022	HVAC AND DC TRANSMISSION	24	39	3
16BJ5A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	24	3
16BJ5A0228	RT41025	INSTRUMENTATION	29	41	3
16BJ5A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	34	3
16BJ5A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16BJ5A0228	RT4102M	ELECTRICAL SIMULATION LAB	25	49	2
16BJ5A0228	RT4102N	POWER SYSTEMS LAB	24	47	2
16BJ5A0301	RT41031	AUTOMOBILE ENGINEERING	24	70	3
16BJ5A0301	RT41032	CAD / CAM	20	47	3
16BJ5A0301	RT41033	FINITE ELEMENT METHODS	20	44	3
16BJ5A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	43	3
16BJ5A0301	RT41036	NANO TECHNOLOGY	20	43	3
16BJ5A0301	RT41039	AUTOMATION IN MANUFACTURING	26	47	3
16BJ5A0301	RT4103L	SIMULATION LAB	20	42	2
16BJ5A0301	RT4103M	DESIGN FABRICATION PROJECT	50	0	1
16BJ5A0303	RT41031	AUTOMOBILE ENGINEERING	21	14	0
16BJ5A0303	RT41032	CAD / CAM	17	27	3
16BJ5A0303	RT41033	FINITE ELEMENT METHODS	15	6	0
16BJ5A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	48	3
16BJ5A0303	RT41036	NANO TECHNOLOGY	17	10	0
16BJ5A0303	RT41039	AUTOMATION IN MANUFACTURING	23	32	3
16BJ5A0303	RT4103L	SIMULATION LAB	20	41	2
16BJ5A0303	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16BJ5A0305	RT41031	AUTOMOBILE ENGINEERING	15	45	3
16BJ5A0305	RT41032	CAD / CAM	18	13	0
16BJ5A0305	RT41033	FINITE ELEMENT METHODS	16	24	3
16BJ5A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	49	3
16BJ5A0305	RT41036	NANO TECHNOLOGY	23	43	3
16BJ5A0305	RT41039	AUTOMATION IN MANUFACTURING	22	32	3
16BJ5A0305	RT4103L	SIMULATION LAB	22	40	2
16BJ5A0305	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16BJ5A0306	RT41031	AUTOMOBILE ENGINEERING	23	48	3
16BJ5A0306	RT41032	CAD / CAM	22	26	3
16BJ5A0306	RT41033	FINITE ELEMENT METHODS	24	36	3
16BJ5A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	47	3
16BJ5A0306	RT41036	NANO TECHNOLOGY	22	35	3
16BJ5A0306	RT41039	AUTOMATION IN MANUFACTURING	24	52	3
16BJ5A0306	RT4103L	SIMULATION LAB	23	46	2
16BJ5A0306	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
16BJ5A0307	RT41031	AUTOMOBILE ENGINEERING	25	70	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0307	RT41032	CAD / CAM	23	47	3
16BJ5A0307	RT41033	FINITE ELEMENT METHODS	20	47	3
16BJ5A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	52	3
16BJ5A0307	RT41036	NANO TECHNOLOGY	18	31	3
16BJ5A0307	RT41039	AUTOMATION IN MANUFACTURING	23	47	3
16BJ5A0307	RT4103L	SIMULATION LAB	23	47	2
16BJ5A0307	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16BJ5A0308	RT41031	AUTOMOBILE ENGINEERING	26	51	3
16BJ5A0308	RT41032	CAD / CAM	22	24	3
16BJ5A0308	RT41033	FINITE ELEMENT METHODS	23	14	0
16BJ5A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	35	3
16BJ5A0308	RT41036	NANO TECHNOLOGY	23	11	0
16BJ5A0308	RT41039	AUTOMATION IN MANUFACTURING	26	36	3
16BJ5A0308	RT4103L	SIMULATION LAB	24	49	2
16BJ5A0308	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
16BJ5A0309	RT41031	AUTOMOBILE ENGINEERING	22	38	3
16BJ5A0309	RT41032	CAD / CAM	17	16	0
16BJ5A0309	RT41033	FINITE ELEMENT METHODS	16	27	3
16BJ5A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	48	3
16BJ5A0309	RT41036	NANO TECHNOLOGY	22	30	3
16BJ5A0309	RT41039	AUTOMATION IN MANUFACTURING	24	24	3
16BJ5A0309	RT4103L	SIMULATION LAB	20	42	2
16BJ5A0309	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16BJ5A0310	RT41031	AUTOMOBILE ENGINEERING	24	55	3
16BJ5A0310	RT41032	CAD / CAM	21	36	3
16BJ5A0310	RT41033	FINITE ELEMENT METHODS	20	36	3
16BJ5A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	32	3
16BJ5A0310	RT41036	NANO TECHNOLOGY	22	42	3
16BJ5A0310	RT41039	AUTOMATION IN MANUFACTURING	24	53	3
16BJ5A0310	RT4103L	SIMULATION LAB	23	44	2
16BJ5A0310	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16BJ5A0311	RT41031	AUTOMOBILE ENGINEERING	25	61	3
16BJ5A0311	RT41032	CAD / CAM	16	33	3
16BJ5A0311	RT41033	FINITE ELEMENT METHODS	23	35	3
16BJ5A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	44	3
16BJ5A0311	RT41036	NANO TECHNOLOGY	15	31	3
16BJ5A0311	RT41039	AUTOMATION IN MANUFACTURING	22	50	3
16BJ5A0311	RT4103L	SIMULATION LAB	20	40	2
16BJ5A0311	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16BJ5A0312	RT41031	AUTOMOBILE ENGINEERING	24	38	3
16BJ5A0312	RT41032	CAD / CAM	20	31	3
16BJ5A0312	RT41033	FINITE ELEMENT METHODS	24	24	3
16BJ5A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	49	3
16BJ5A0312	RT41036	NANO TECHNOLOGY	19	10	0
16BJ5A0312	RT41039	AUTOMATION IN MANUFACTURING	21	34	3
16BJ5A0312	RT4103L	SIMULATION LAB	23	46	2
16BJ5A0312	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16BJ5A0315	RT41031	AUTOMOBILE ENGINEERING	26	45	3
16BJ5A0315	RT41032	CAD / CAM	22	25	3
16BJ5A0315	RT41033	FINITE ELEMENT METHODS	23	28	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	50	3
16BJ5A0315	RT41036	NANO TECHNOLOGY	19	59	3
16BJ5A0315	RT41039	AUTOMATION IN MANUFACTURING	20	37	3
16BJ5A0315	RT4103L	SIMULATION LAB	22	45	2
16BJ5A0315	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16BJ5A0316	RT41031	AUTOMOBILE ENGINEERING	26	48	3
16BJ5A0316	RT41032	CAD / CAM	22	39	3
16BJ5A0316	RT41033	FINITE ELEMENT METHODS	23	32	3
16BJ5A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	38	3
16BJ5A0316	RT41036	NANO TECHNOLOGY	15	27	3
16BJ5A0316	RT41039	AUTOMATION IN MANUFACTURING	26	54	3
16BJ5A0316	RT4103L	SIMULATION LAB	24	48	2
16BJ5A0316	RT4103M	DESIGN FABRICATION PROJECT	49	0	1
16BJ5A0317	RT41031	AUTOMOBILE ENGINEERING	20	45	3
16BJ5A0317	RT41032	CAD / CAM	17	38	3
16BJ5A0317	RT41033	FINITE ELEMENT METHODS	18	28	3
16BJ5A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	32	3
16BJ5A0317	RT41036	NANO TECHNOLOGY	18	31	3
16BJ5A0317	RT41039	AUTOMATION IN MANUFACTURING	19	47	3
16BJ5A0317	RT4103L	SIMULATION LAB	23	41	2
16BJ5A0317	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16BJ5A0319	RT41031	AUTOMOBILE ENGINEERING	18	29	3
16BJ5A0319	RT41032	CAD / CAM	18	32	3
16BJ5A0319	RT41033	FINITE ELEMENT METHODS	16	11	0
16BJ5A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	46	3
16BJ5A0319	RT41036	NANO TECHNOLOGY	21	25	3
16BJ5A0319	RT41039	AUTOMATION IN MANUFACTURING	21	32	3
16BJ5A0319	RT4103L	SIMULATION LAB	22	40	2
16BJ5A0319	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
16BJ5A0320	RT41031	AUTOMOBILE ENGINEERING	13	31	3
16BJ5A0320	RT41032	CAD / CAM	10	5	0
16BJ5A0320	RT41033	FINITE ELEMENT METHODS	15	17	0
16BJ5A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	14	0
16BJ5A0320	RT41036	NANO TECHNOLOGY	17	14	0
16BJ5A0320	RT41039	AUTOMATION IN MANUFACTURING	15	14	0
16BJ5A0320	RT4103L	SIMULATION LAB	18	36	2
16BJ5A0320	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16BJ5A0401	RT41041	VLSI DESIGN	23	30	3
16BJ5A0401	RT41042	COMPUTER NETWORKS	21	29	3
16BJ5A0401	RT41043	DIGITAL IMAGE PROCESSING	24	31	3
16BJ5A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	38	3
16BJ5A0401	RT41048	RADAR SYSTEMS	26	30	3
16BJ5A0401	RT4104A	OPTICAL COMMUNICATION	24	24	3
16BJ5A0401	RT4104L	V L S I LAB	25	49	2
16BJ5A0401	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
16BJ5A0402	RT41041	VLSI DESIGN	23	32	3
16BJ5A0402	RT41042	COMPUTER NETWORKS	24	37	3
16BJ5A0402	RT41043	DIGITAL IMAGE PROCESSING	28	31	3
16BJ5A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	49	3
16BJ5A0402	RT41048	RADAR SYSTEMS	28	33	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0402	RT4104A	OPTICAL COMMUNICATION	23	38	3
16BJ5A0402	RT4104L	V L S I LAB	24	48	2
16BJ5A0402	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
16BJ5A0403	RT41041	VLSI DESIGN	25	48	3
16BJ5A0403	RT41042	COMPUTER NETWORKS	24	29	3
16BJ5A0403	RT41043	DIGITAL IMAGE PROCESSING	23	42	3
16BJ5A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	62	3
16BJ5A0403	RT41048	RADAR SYSTEMS	28	34	3
16BJ5A0403	RT4104A	OPTICAL COMMUNICATION	25	43	3
16BJ5A0403	RT4104L	V L S I LAB	25	50	2
16BJ5A0403	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
16BJ5A0404	RT41041	VLSI DESIGN	23	33	3
16BJ5A0404	RT41042	COMPUTER NETWORKS	22	14	0
16BJ5A0404	RT41043	DIGITAL IMAGE PROCESSING	23	10	0
16BJ5A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	45	3
16BJ5A0404	RT41048	RADAR SYSTEMS	26	41	3
16BJ5A0404	RT4104A	OPTICAL COMMUNICATION	25	34	3
16BJ5A0404	RT4104L	V L S I LAB	25	49	2
16BJ5A0404	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
16BJ5A0405	RT41041	VLSI DESIGN	24	60	3
16BJ5A0405	RT41042	COMPUTER NETWORKS	26	37	3
16BJ5A0405	RT41043	DIGITAL IMAGE PROCESSING	25	48	3
16BJ5A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	52	3
16BJ5A0405	RT41048	RADAR SYSTEMS	30	34	3
16BJ5A0405	RT4104A	OPTICAL COMMUNICATION	26	38	3
16BJ5A0405	RT4104L	V L S I LAB	25	50	2
16BJ5A0405	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
16BJ5A0406	RT41041	VLSI DESIGN	26	38	3
16BJ5A0406	RT41042	COMPUTER NETWORKS	22	44	3
16BJ5A0406	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
16BJ5A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	32	3
16BJ5A0406	RT41048	RADAR SYSTEMS	25	37	3
16BJ5A0406	RT4104A	OPTICAL COMMUNICATION	25	26	3
16BJ5A0406	RT4104L	V L S I LAB	25	49	2
16BJ5A0406	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
16BJ5A0408	RT41041	VLSI DESIGN	24	42	3
16BJ5A0408	RT41042	COMPUTER NETWORKS	24	17	0
16BJ5A0408	RT41043	DIGITAL IMAGE PROCESSING	28	35	3
16BJ5A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	42	3
16BJ5A0408	RT41048	RADAR SYSTEMS	24	24	3
16BJ5A0408	RT4104A	OPTICAL COMMUNICATION	23	31	3
16BJ5A0408	RT4104L	V L S I LAB	25	49	2
16BJ5A0408	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
16BJ5A0409	RT41041	VLSI DESIGN	21	24	3
16BJ5A0409	RT41042	COMPUTER NETWORKS	19	24	3
16BJ5A0409	RT41043	DIGITAL IMAGE PROCESSING	22	12	0
16BJ5A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	29	3
16BJ5A0409	RT41048	RADAR SYSTEMS	22	39	3
16BJ5A0409	RT4104A	OPTICAL COMMUNICATION	18	24	3
16BJ5A0409	RT4104L	V L S I LAB	18	42	2

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0409	RT4104M	MICROWAVE ENGINEERING LAB	21	46	2
16BJ5A0412	RT41041	VLSI DESIGN	23	26	3
16BJ5A0412	RT41042	COMPUTER NETWORKS	21	25	3
16BJ5A0412	RT41043	DIGITAL IMAGE PROCESSING	21	31	3
16BJ5A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	45	3
16BJ5A0412	RT41048	RADAR SYSTEMS	23	29	3
16BJ5A0412	RT4104A	OPTICAL COMMUNICATION	22	8	0
16BJ5A0412	RT4104L	V L S I LAB	20	45	2
16BJ5A0412	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
16BJ5A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	36	3
16BJ5A0501	RT41052	UML AND DESIGN PATTERNS	26	32	3
16BJ5A0501	RT41053	MOBILE COMPUTING	27	34	3
16BJ5A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	22	38	3
16BJ5A0501	RT4105B	HADOOP AND BIG DATA	27	41	3
16BJ5A0501	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
16BJ5A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
16BJ5A0501	RT4105N	SOFTWARE TESTING LAB	24	49	2
16BJ5A0501	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
16BJ5A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	42	3
16BJ5A0502	RT41052	UML AND DESIGN PATTERNS	25	47	3
16BJ5A0502	RT41053	MOBILE COMPUTING	28	43	3
16BJ5A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	25	52	3
16BJ5A0502	RT4105B	HADOOP AND BIG DATA	28	45	3
16BJ5A0502	RT4105L	UML AND DESIGN PATTERNS LAB	25	50	2
16BJ5A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
16BJ5A0502	RT4105N	SOFTWARE TESTING LAB	24	49	2
16BJ5A0502	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
16BJ5A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	28	3
16BJ5A0506	RT41052	UML AND DESIGN PATTERNS	17	14	0
16BJ5A0506	RT41053	MOBILE COMPUTING	25	18	0
16BJ5A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	21	32	3
16BJ5A0506	RT4105B	HADOOP AND BIG DATA	22	24	3
16BJ5A0506	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
16BJ5A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
16BJ5A0506	RT4105N	SOFTWARE TESTING LAB	20	48	2
16BJ5A0506	RT4105O	HADOOP AND BIGDATA LAB	22	44	2
16BJ5A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
16BJ5A0507	RT41052	UML AND DESIGN PATTERNS	19	24	3
16BJ5A0507	RT41053	MOBILE COMPUTING	22	24	3
16BJ5A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	19	27	3
16BJ5A0507	RT4105B	HADOOP AND BIG DATA	24	34	3
16BJ5A0507	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
16BJ5A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
16BJ5A0507	RT4105N	SOFTWARE TESTING LAB	14	38	2
16BJ5A0507	RT4105O	HADOOP AND BIGDATA LAB	18	40	2
16BJ5A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	6	0
16BJ5A0508	RT41052	UML AND DESIGN PATTERNS	18	9	0
16BJ5A0508	RT41053	MOBILE COMPUTING	19	9	0
16BJ5A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	22	3	0
16BJ5A0508	RT4105B	HADOOP AND BIG DATA	22	25	3

Htno	Subcode	Subname	Internal	External	Credits
16BJ5A0508	RT4105L	UML AND DESIGN PATTERNS LAB	21	46	2
16BJ5A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
16BJ5A0508	RT4105N	SOFTWARE TESTING LAB	23	49	2
16BJ5A0508	RT4105O	HADOOP AND BIGDATA LAB	23	46	2

**NOTE:1 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 12-12-2018]

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

** Note:**

- * -1 in the filed of externals indicates student absent for the respective subject.
- * -2 in the filed of externals indicates student Withheld for the respective subject.
- * -3 in the filed of externals indicates student Malpractice for the respective subject.

Date:03-12-2018

N. Mohan Rao
Controller of Examinations