



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

College: SASI INSTITUTE OF TECH. & ENGG., KADAKATLA, T.P.GUDEM:K6

Htno	Subcode	Subname	Internal	External	Credits
10K61A0489	R41048	BIO-MEDICAL ENGINEERING	9	-1	0
10K61A0510	R41057	OPEN SOURCE SOFTWARE	10	-1	0
11K61A0342	R41026	INSTRUMENTATION	7	18	0
11K61A0342	R41031	REFRIGERATION & AIR CONDITIONING	15	30	4
11K61A0352	R41026	INSTRUMENTATION	13	6	0
11K61A0352	R41031	REFRIGERATION & AIR CONDITIONING	11	0	0
11K61A0354	R41026	INSTRUMENTATION	11	9	0
11K61A0488	R41041	OPTICAL COMMUNICATIONS	8	29	0
11K61A0488	R41042	EMBEDDED SYSTEMS	11	0	0
11K61A1250	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	9	-1	0
11K61A1250	R41053	DATA WARE HOUSING AND DATA MINING	19	-1	0
11K61A1250	R41054	MOBILE COMPUTING	16	-1	0
11K61A1250	R41057	OPEN SOURCE SOFTWARE	14	-1	0
11K61A1250	R41121	DESIGN PATTERNS	10	-1	0
11K61A1250	R41126	INFORMATION RETRIEVAL SYSTEMS	20	-1	0
12K61A0326	R41031	REFRIGERATION & AIR CONDITIONING	5	9	0
12K61A0326	R41032	CAD/CAM	13	13	0
12K61A0326	R41037	AUTOMOBILE ENGINEERING	14	-1	0
12K61A0341	R41031	REFRIGERATION & AIR CONDITIONING	3	11	0
12K61A0345	R41031	REFRIGERATION & AIR CONDITIONING	14	34	4
12K61A0408	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	8	-1	0
12K61A0479	R41043	DIGITAL IMAGE PROCESSING	10	7	0
12K61A0513	R41053	DATA WARE HOUSING AND DATA MINING	15	17	0
12K61A0513	R41054	MOBILE COMPUTING	17	33	4
12K61A0513	R41057	OPEN SOURCE SOFTWARE	21	-1	0
12K61A0572	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	-1	0
12K61A0572	R41052	UML & DESIGN PATTERNS	12	15	0
12K61A0572	R41053	DATA WARE HOUSING AND DATA MINING	15	8	0
12K61A1205	R41057	OPEN SOURCE SOFTWARE	16	7	0
13K61A0304	RT41036	NANO TECHNOLOGY	17	7	0
13K61A0308	RT41036	NANO TECHNOLOGY	4	-1	0
13K61A0338	RT41033	FINITE ELEMENT METHODS	20	13	0
13K61A0355	RT41032	CAD / CAM	10	19	0
13K61A0355	RT41033	FINITE ELEMENT METHODS	14	9	0
13K61A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	29	3
13K61A0355	RT41036	NANO TECHNOLOGY	16	14	0
13K61A0355	RT41039	AUTOMATION IN MANUFACTURING	19	27	3
13K61A0356	RT41033	FINITE ELEMENT METHODS	16	26	3
13K61A0362	RT41033	FINITE ELEMENT METHODS	10	-1	0
13K61A03B3	RT41033	FINITE ELEMENT METHODS	10	33	3
13K61A03B5	RT41031	AUTOMOBILE ENGINEERING	11	19	0
13K61A0406	RT41043	DIGITAL IMAGE PROCESSING	16	3	0
13K61A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	37	3
13K61A0448	RT41043	DIGITAL IMAGE PROCESSING	22	-1	0

Htno	Subcode	Subname	Internal	External	Credits
13K61A0476	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	17	0
13K61A0556	RT41053	MOBILE COMPUTING	16	19	0
13K61A0568	RT41053	MOBILE COMPUTING	19	8	0
13K61A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	6	0
13K65A0410	R41043	DIGITAL IMAGE PROCESSING	12	6	0
14341A0599	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	29	3
14341A0599	RT41052	UML AND DESIGN PATTERNS	13	27	3
14341A0599	RT41053	MOBILE COMPUTING	16	27	3
14341A0599	RT41054	SOFTWARE TESTING METHODOLOGIES	12	34	3
14341A0599	RT4105B	HADOOP AND BIG DATA	22	12	0
14341A0599	RT4105L	UML AND DESIGN PATTERNS LAB	19	30	2
14341A0599	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	26	2
14341A0599	RT4105N	SOFTWARE TESTING LAB	18	34	2
14341A0599	RT4105O	HADOOP AND BIGDATA LAB	16	41	2
14K61A0103	RT41012	PRESTRESSED CONCRETE	21	33	3
14K61A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	21	36	3
14K61A0107	RT41012	PRESTRESSED CONCRETE	18	29	3
14K61A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	51	3
14K61A0107	RT41014	WATER RESOURCES ENGINEERING - II	18	14	0
14K61A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	18	51	3
14K61A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	43	3
14K61A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	32	2
14K61A0107	RT4101M	GIS AND CAD LAB	16	18	2
14K61A0116	RT41012	PRESTRESSED CONCRETE	20	41	3
14K61A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	30	3
14K61A0122	RT41014	WATER RESOURCES ENGINEERING - II	10	41	3
14K61A0129	RT41012	PRESTRESSED CONCRETE	18	33	3
14K61A0310	RT41032	CAD / CAM	23	9	0
14K61A0313	RT41033	FINITE ELEMENT METHODS	18	22	0
14K61A0316	RT41033	FINITE ELEMENT METHODS	10	34	3
14K61A0316	RT4103L	SIMULATION LAB	7	24	2
14K61A0317	RT41036	NANO TECHNOLOGY	19	46	3
14K61A0321	RT41036	NANO TECHNOLOGY	15	15	0
14K61A0351	RT41033	FINITE ELEMENT METHODS	12	22	0
14K61A0351	RT41036	NANO TECHNOLOGY	22	34	3
14K61A0351	RT41039	AUTOMATION IN MANUFACTURING	10	49	3
14K61A0356	RT41031	AUTOMOBILE ENGINEERING	20	33	3
14K61A0363	RT41031	AUTOMOBILE ENGINEERING	14	34	3
14K61A0367	RT41033	FINITE ELEMENT METHODS	8	0	0
14K61A0370	RT41031	AUTOMOBILE ENGINEERING	11	29	3
14K61A0372	RT41033	FINITE ELEMENT METHODS	11	-1	0
14K61A0375	RT41031	AUTOMOBILE ENGINEERING	15	22	0
14K61A0380	RT41033	FINITE ELEMENT METHODS	10	7	0
14K61A0382	RT41031	AUTOMOBILE ENGINEERING	17	33	3
14K61A0396	RT41033	FINITE ELEMENT METHODS	9	24	0
14K61A03A3	RT41031	AUTOMOBILE ENGINEERING	15	13	0
14K61A0401	RT4104A	OPTICAL COMMUNICATION	22	8	0
14K61A0402	RT41041	VLSI DESIGN	14	11	0
14K61A0402	RT41043	DIGITAL IMAGE PROCESSING	17	6	0
14K61A0402	RT4104A	OPTICAL COMMUNICATION	19	7	0

Htno	Subcode	Subname	Internal	External	Credits
14K61A0412	RT41048	RADAR SYSTEMS	29	31	3
14K61A0424	RT41042	COMPUTER NETWORKS	22	19	0
14K61A0425	RT41042	COMPUTER NETWORKS	19	12	0
14K61A0425	RT4104A	OPTICAL COMMUNICATION	22	-1	0
14K61A0439	RT41043	DIGITAL IMAGE PROCESSING	21	26	3
14K61A0454	RT41041	VLSI DESIGN	19	30	3
14K61A0454	RT41042	COMPUTER NETWORKS	19	30	3
14K61A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	6	16	0
14K61A0466	RT41041	VLSI DESIGN	23	21	0
14K61A0469	RT41042	COMPUTER NETWORKS	15	9	0
14K61A0469	RT41043	DIGITAL IMAGE PROCESSING	22	0	0
14K61A0469	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
14K61A0469	RT41048	RADAR SYSTEMS	22	17	0
14K61A0469	RT4104A	OPTICAL COMMUNICATION	22	5	0
14K61A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	44	3
14K61A0527	RT41052	UML AND DESIGN PATTERNS	18	34	3
14K61A0527	RT41053	MOBILE COMPUTING	15	31	3
14K61A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	17	32	3
14K61A0527	RT4105B	HADOOP AND BIG DATA	21	30	3
14K61A0527	RT4105L	UML AND DESIGN PATTERNS LAB	21	30	2
14K61A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
14K61A0527	RT4105N	SOFTWARE TESTING LAB	20	30	2
14K61A0527	RT4105O	HADOOP AND BIGDATA LAB	17	37	2
14K61A0528	RT41056	INFORMATION RETRIEVAL SYSTEMS	10	5	0
14K61A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	34	3
14K61A0529	RT41056	INFORMATION RETRIEVAL SYSTEMS	11	10	0
14K61A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	15	0
14K61A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	7	28	0
14K61A0589	RT4105B	HADOOP AND BIG DATA	18	7	0
14K61A0594	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	34	3
14K61A0594	RT41056	INFORMATION RETRIEVAL SYSTEMS	13	2	0
14K61A0594	RT4105B	HADOOP AND BIG DATA	18	-1	0
14K61A05A8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	29	3
14K61A05A8	RT41052	UML AND DESIGN PATTERNS	16	19	0
14K61A05A8	RT41053	MOBILE COMPUTING	17	30	3
14K61A05A8	RT41054	SOFTWARE TESTING METHODOLOGIES	11	29	3
14K61A05A8	RT4105B	HADOOP AND BIG DATA	19	12	0
14K61A05A8	RT4105L	UML AND DESIGN PATTERNS LAB	19	27	2
14K61A05A8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	26	2
14K61A05A8	RT4105N	SOFTWARE TESTING LAB	14	36	2
14K61A05A8	RT4105O	HADOOP AND BIGDATA LAB	16	32	2
14K61A05A9	RT41053	MOBILE COMPUTING	19	35	3
14K61A1207	RT41052	UML AND DESIGN PATTERNS	12	9	0
14K61A1207	RT4105B	HADOOP AND BIG DATA	21	5	0
15K61A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	28	39	3
15K61A0101	RT41012	PRESTRESSED CONCRETE	24	45	3
15K61A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	51	3
15K61A0101	RT41014	WATER RESOURCES ENGINEERING - II	24	38	3
15K61A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	62	3
15K61A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	60	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	40	2
15K61A0101	RT4101M	GIS AND CAD LAB	19	25	2
15K61A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	28	52	3
15K61A0102	RT41012	PRESTRESSED CONCRETE	22	51	3
15K61A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	38	3
15K61A0102	RT41014	WATER RESOURCES ENGINEERING - II	21	43	3
15K61A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	27	3
15K61A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	70	3
15K61A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	42	2
15K61A0102	RT4101M	GIS AND CAD LAB	22	30	2
15K61A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	25	51	3
15K61A0104	RT41012	PRESTRESSED CONCRETE	25	39	3
15K61A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	54	3
15K61A0104	RT41014	WATER RESOURCES ENGINEERING - II	26	24	3
15K61A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	41	3
15K61A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	47	3
15K61A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	43	2
15K61A0104	RT4101M	GIS AND CAD LAB	18	29	2
15K61A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	27	41	3
15K61A0105	RT41012	PRESTRESSED CONCRETE	24	70	3
15K61A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	41	3
15K61A0105	RT41014	WATER RESOURCES ENGINEERING - II	27	58	3
15K61A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	54	3
15K61A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	53	3
15K61A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	45	2
15K61A0105	RT4101M	GIS AND CAD LAB	22	40	2
15K61A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	28	59	3
15K61A0106	RT41012	PRESTRESSED CONCRETE	26	41	3
15K61A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	53	3
15K61A0106	RT41014	WATER RESOURCES ENGINEERING - II	27	42	3
15K61A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	70	3
15K61A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	44	3
15K61A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15K61A0106	RT4101M	GIS AND CAD LAB	22	32	2
15K61A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	24	48	3
15K61A0107	RT41012	PRESTRESSED CONCRETE	24	28	3
15K61A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	40	3
15K61A0107	RT41014	WATER RESOURCES ENGINEERING - II	22	24	3
15K61A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	33	3
15K61A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	40	3
15K61A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	37	2
15K61A0107	RT4101M	GIS AND CAD LAB	17	18	2
15K61A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	28	55	3
15K61A0108	RT41012	PRESTRESSED CONCRETE	29	53	3
15K61A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	64	3
15K61A0108	RT41014	WATER RESOURCES ENGINEERING - II	28	61	3
15K61A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	70	3
15K61A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	46	3
15K61A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	40	2
15K61A0108	RT4101M	GIS AND CAD LAB	21	29	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	18	36	3
15K61A0109	RT41012	PRESTRESSED CONCRETE	21	40	3
15K61A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	30	3
15K61A0109	RT41014	WATER RESOURCES ENGINEERING - II	22	35	3
15K61A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	49	3
15K61A0109	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	44	3
15K61A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	22	2
15K61A0109	RT4101M	GIS AND CAD LAB	17	27	2
15K61A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	24	45	3
15K61A0110	RT41012	PRESTRESSED CONCRETE	28	43	3
15K61A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	52	3
15K61A0110	RT41014	WATER RESOURCES ENGINEERING - II	21	56	3
15K61A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	70	3
15K61A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	54	3
15K61A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	42	2
15K61A0110	RT4101M	GIS AND CAD LAB	19	26	2
15K61A0111	RT41011	ENVIRONMENTAL ENGINEERING- II	23	55	3
15K61A0111	RT41012	PRESTRESSED CONCRETE	22	57	3
15K61A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	48	3
15K61A0111	RT41014	WATER RESOURCES ENGINEERING - II	24	52	3
15K61A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	42	3
15K61A0111	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	65	3
15K61A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
15K61A0111	RT4101M	GIS AND CAD LAB	21	34	2
15K61A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	20	24	3
15K61A0112	RT41012	PRESTRESSED CONCRETE	17	12	0
15K61A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	24	3
15K61A0112	RT41014	WATER RESOURCES ENGINEERING - II	17	0	0
15K61A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	4	44	3
15K61A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	14	27	3
15K61A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	0	0
15K61A0112	RT4101M	GIS AND CAD LAB	0	-1	0
15K61A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	22	36	3
15K61A0113	RT41012	PRESTRESSED CONCRETE	25	63	3
15K61A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	41	3
15K61A0113	RT41014	WATER RESOURCES ENGINEERING - II	21	48	3
15K61A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	52	3
15K61A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	43	3
15K61A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	37	2
15K61A0113	RT4101M	GIS AND CAD LAB	17	24	2
15K61A0114	RT41011	ENVIRONMENTAL ENGINEERING- II	19	17	0
15K61A0114	RT41012	PRESTRESSED CONCRETE	21	39	3
15K61A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	32	3
15K61A0114	RT41014	WATER RESOURCES ENGINEERING - II	19	2	0
15K61A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	11	41	3
15K61A0114	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	29	3
15K61A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	16	21	2
15K61A0114	RT4101M	GIS AND CAD LAB	16	7	0
15K61A0115	RT41011	ENVIRONMENTAL ENGINEERING- II	23	27	3
15K61A0115	RT41012	PRESTRESSED CONCRETE	21	9	0

Htno	Subcode	Subname	Internal	External	Credits
15K61A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	16	41	3
15K61A0115	RT41014	WATER RESOURCES ENGINEERING - II	20	33	3
15K61A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	13	34	3
15K61A0115	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	15	0
15K61A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	33	2
15K61A0115	RT4101M	GIS AND CAD LAB	19	25	2
15K61A0116	RT41011	ENVIRONMENTAL ENGINEERING- II	20	40	3
15K61A0116	RT41012	PRESTRESSED CONCRETE	26	32	3
15K61A0116	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	46	3
15K61A0116	RT41014	WATER RESOURCES ENGINEERING - II	18	14	0
15K61A0116	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	53	3
15K61A0116	RT41016	GROUND IMPROVEMENT TECHNIQUES	15	40	3
15K61A0116	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	38	2
15K61A0116	RT4101M	GIS AND CAD LAB	17	18	2
15K61A0117	RT41011	ENVIRONMENTAL ENGINEERING- II	20	39	3
15K61A0117	RT41012	PRESTRESSED CONCRETE	27	36	3
15K61A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	35	3
15K61A0117	RT41014	WATER RESOURCES ENGINEERING - II	24	42	3
15K61A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	47	3
15K61A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	44	3
15K61A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	32	2
15K61A0117	RT4101M	GIS AND CAD LAB	20	20	2
15K61A0118	RT41011	ENVIRONMENTAL ENGINEERING- II	21	32	3
15K61A0118	RT41012	PRESTRESSED CONCRETE	28	35	3
15K61A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	37	3
15K61A0118	RT41014	WATER RESOURCES ENGINEERING - II	23	37	3
15K61A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	59	3
15K61A0118	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	43	3
15K61A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	37	2
15K61A0118	RT4101M	GIS AND CAD LAB	20	25	2
15K61A0119	RT41011	ENVIRONMENTAL ENGINEERING- II	21	46	3
15K61A0119	RT41012	PRESTRESSED CONCRETE	25	48	3
15K61A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	51	3
15K61A0119	RT41014	WATER RESOURCES ENGINEERING - II	25	68	3
15K61A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	44	3
15K61A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	16	50	3
15K61A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	41	2
15K61A0119	RT4101M	GIS AND CAD LAB	19	20	2
15K61A0120	RT41011	ENVIRONMENTAL ENGINEERING- II	23	12	0
15K61A0120	RT41012	PRESTRESSED CONCRETE	28	31	3
15K61A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	31	3
15K61A0120	RT41014	WATER RESOURCES ENGINEERING - II	21	13	0
15K61A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	51	3
15K61A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	41	3
15K61A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	32	2
15K61A0120	RT4101M	GIS AND CAD LAB	20	30	2
15K61A0121	RT41011	ENVIRONMENTAL ENGINEERING- II	26	37	3
15K61A0121	RT41012	PRESTRESSED CONCRETE	26	69	3
15K61A0121	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	30	3
15K61A0121	RT41014	WATER RESOURCES ENGINEERING - II	22	51	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0121	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	51	3
15K61A0121	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	62	3
15K61A0121	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	40	2
15K61A0121	RT4101M	GIS AND CAD LAB	18	18	2
15K61A0122	RT41011	ENVIRONMENTAL ENGINEERING- II	28	35	3
15K61A0122	RT41012	PRESTRESSED CONCRETE	28	39	3
15K61A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	42	3
15K61A0122	RT41014	WATER RESOURCES ENGINEERING - II	27	44	3
15K61A0122	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	66	3
15K61A0122	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	44	3
15K61A0122	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	39	2
15K61A0122	RT4101M	GIS AND CAD LAB	18	21	2
15K61A0123	RT41011	ENVIRONMENTAL ENGINEERING- II	25	56	3
15K61A0123	RT41012	PRESTRESSED CONCRETE	27	60	3
15K61A0123	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	52	3
15K61A0123	RT41014	WATER RESOURCES ENGINEERING - II	25	69	3
15K61A0123	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	52	3
15K61A0123	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	70	3
15K61A0123	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	38	2
15K61A0123	RT4101M	GIS AND CAD LAB	20	31	2
15K61A0124	RT41011	ENVIRONMENTAL ENGINEERING- II	18	31	3
15K61A0124	RT41012	PRESTRESSED CONCRETE	23	37	3
15K61A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	31	3
15K61A0124	RT41014	WATER RESOURCES ENGINEERING - II	22	12	0
15K61A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	16	44	3
15K61A0124	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	27	3
15K61A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	38	2
15K61A0124	RT4101M	GIS AND CAD LAB	19	30	2
15K61A0125	RT41011	ENVIRONMENTAL ENGINEERING- II	24	38	3
15K61A0125	RT41012	PRESTRESSED CONCRETE	24	67	3
15K61A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	39	3
15K61A0125	RT41014	WATER RESOURCES ENGINEERING - II	21	42	3
15K61A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	48	3
15K61A0125	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	46	3
15K61A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	40	2
15K61A0125	RT4101M	GIS AND CAD LAB	19	20	2
15K61A0126	RT41011	ENVIRONMENTAL ENGINEERING- II	21	31	3
15K61A0126	RT41012	PRESTRESSED CONCRETE	29	42	3
15K61A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	43	3
15K61A0126	RT41014	WATER RESOURCES ENGINEERING - II	25	51	3
15K61A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	66	3
15K61A0126	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	43	3
15K61A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	37	2
15K61A0126	RT4101M	GIS AND CAD LAB	18	23	2
15K61A0127	RT41011	ENVIRONMENTAL ENGINEERING- II	26	55	3
15K61A0127	RT41012	PRESTRESSED CONCRETE	27	49	3
15K61A0127	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	52	3
15K61A0127	RT41014	WATER RESOURCES ENGINEERING - II	27	64	3
15K61A0127	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	50	3
15K61A0127	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	64	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0127	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
15K61A0127	RT4101M	GIS AND CAD LAB	21	24	2
15K61A0128	RT41011	ENVIRONMENTAL ENGINEERING- II	30	57	3
15K61A0128	RT41012	PRESTRESSED CONCRETE	29	52	3
15K61A0128	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	52	3
15K61A0128	RT41014	WATER RESOURCES ENGINEERING - II	27	28	3
15K61A0128	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	69	3
15K61A0128	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	43	3
15K61A0128	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15K61A0128	RT4101M	GIS AND CAD LAB	20	27	2
15K61A0129	RT41011	ENVIRONMENTAL ENGINEERING- II	27	40	3
15K61A0129	RT41012	PRESTRESSED CONCRETE	29	70	3
15K61A0129	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	41	3
15K61A0129	RT41014	WATER RESOURCES ENGINEERING - II	26	59	3
15K61A0129	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	51	3
15K61A0129	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	38	3
15K61A0129	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
15K61A0129	RT4101M	GIS AND CAD LAB	21	40	2
15K61A0130	RT41011	ENVIRONMENTAL ENGINEERING- II	20	11	0
15K61A0130	RT41012	PRESTRESSED CONCRETE	22	28	3
15K61A0130	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	26	3
15K61A0130	RT41014	WATER RESOURCES ENGINEERING - II	23	8	0
15K61A0130	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	16	0
15K61A0130	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	27	3
15K61A0130	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	37	2
15K61A0130	RT4101M	GIS AND CAD LAB	18	28	2
15K61A0131	RT41011	ENVIRONMENTAL ENGINEERING- II	22	60	3
15K61A0131	RT41012	PRESTRESSED CONCRETE	27	58	3
15K61A0131	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	18	63	3
15K61A0131	RT41014	WATER RESOURCES ENGINEERING - II	26	47	3
15K61A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	53	3
15K61A0131	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	69	3
15K61A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	38	2
15K61A0131	RT4101M	GIS AND CAD LAB	19	32	2
15K61A0132	RT41011	ENVIRONMENTAL ENGINEERING- II	30	43	3
15K61A0132	RT41012	PRESTRESSED CONCRETE	26	45	3
15K61A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	41	3
15K61A0132	RT41014	WATER RESOURCES ENGINEERING - II	25	38	3
15K61A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	53	3
15K61A0132	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	39	3
15K61A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15K61A0132	RT4101M	GIS AND CAD LAB	20	25	2
15K61A0133	RT41011	ENVIRONMENTAL ENGINEERING- II	23	41	3
15K61A0133	RT41012	PRESTRESSED CONCRETE	26	70	3
15K61A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	59	3
15K61A0133	RT41014	WATER RESOURCES ENGINEERING - II	24	48	3
15K61A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	56	3
15K61A0133	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	70	3
15K61A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	41	2
15K61A0133	RT4101M	GIS AND CAD LAB	12	18	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A0134	RT41011	ENVIRONMENTAL ENGINEERING- II	22	24	3
15K61A0134	RT41012	PRESTRESSED CONCRETE	27	33	3
15K61A0134	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	23	40	3
15K61A0134	RT41014	WATER RESOURCES ENGINEERING - II	24	7	0
15K61A0134	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	33	3
15K61A0134	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	27	3
15K61A0134	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	33	2
15K61A0134	RT4101M	GIS AND CAD LAB	19	24	2
15K61A0135	RT41011	ENVIRONMENTAL ENGINEERING- II	28	64	3
15K61A0135	RT41012	PRESTRESSED CONCRETE	30	62	3
15K61A0135	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	66	3
15K61A0135	RT41014	WATER RESOURCES ENGINEERING - II	30	53	3
15K61A0135	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	64	3
15K61A0135	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	70	3
15K61A0135	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
15K61A0135	RT4101M	GIS AND CAD LAB	22	35	2
15K61A0136	RT41011	ENVIRONMENTAL ENGINEERING- II	20	38	3
15K61A0136	RT41012	PRESTRESSED CONCRETE	25	31	3
15K61A0136	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	26	3
15K61A0136	RT41014	WATER RESOURCES ENGINEERING - II	20	14	0
15K61A0136	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	48	3
15K61A0136	RT41016	GROUND IMPROVEMENT TECHNIQUES	18	27	3
15K61A0136	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	31	2
15K61A0136	RT4101M	GIS AND CAD LAB	17	19	2
15K61A0137	RT41011	ENVIRONMENTAL ENGINEERING- II	18	28	3
15K61A0137	RT41012	PRESTRESSED CONCRETE	24	24	3
15K61A0137	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	29	3
15K61A0137	RT41014	WATER RESOURCES ENGINEERING - II	22	40	3
15K61A0137	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	40	3
15K61A0137	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	30	3
15K61A0137	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	33	2
15K61A0137	RT4101M	GIS AND CAD LAB	20	32	2
15K61A0138	RT41011	ENVIRONMENTAL ENGINEERING- II	10	0	0
15K61A0138	RT41012	PRESTRESSED CONCRETE	18	0	0
15K61A0138	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	13	0	0
15K61A0138	RT41014	WATER RESOURCES ENGINEERING - II	20	2	0
15K61A0138	RT41015	REMOTE SENSING AND GIS APPLICATIONS	5	-1	0
15K61A0138	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	0	0
15K61A0138	RT4101L	ENVIRONMENTAL ENGINEERING LAB	16	16	0
15K61A0138	RT4101M	GIS AND CAD LAB	15	2	0
15K61A0139	RT41011	ENVIRONMENTAL ENGINEERING- II	20	32	3
15K61A0139	RT41012	PRESTRESSED CONCRETE	21	4	0
15K61A0139	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	20	29	3
15K61A0139	RT41014	WATER RESOURCES ENGINEERING - II	20	25	3
15K61A0139	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	27	3
15K61A0139	RT41016	GROUND IMPROVEMENT TECHNIQUES	17	48	3
15K61A0139	RT4101L	ENVIRONMENTAL ENGINEERING LAB	19	25	2
15K61A0139	RT4101M	GIS AND CAD LAB	14	7	0
15K61A0140	RT41011	ENVIRONMENTAL ENGINEERING- II	22	42	3
15K61A0140	RT41012	PRESTRESSED CONCRETE	26	28	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0140	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	40	3
15K61A0140	RT41014	WATER RESOURCES ENGINEERING - II	24	24	3
15K61A0140	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	57	3
15K61A0140	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	41	3
15K61A0140	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	39	2
15K61A0140	RT4101M	GIS AND CAD LAB	20	30	2
15K61A0141	RT41011	ENVIRONMENTAL ENGINEERING- II	18	43	3
15K61A0141	RT41012	PRESTRESSED CONCRETE	22	51	3
15K61A0141	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	32	3
15K61A0141	RT41014	WATER RESOURCES ENGINEERING - II	19	36	3
15K61A0141	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	45	3
15K61A0141	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	31	3
15K61A0141	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	31	2
15K61A0141	RT4101M	GIS AND CAD LAB	16	19	2
15K61A0142	RT41011	ENVIRONMENTAL ENGINEERING- II	23	45	3
15K61A0142	RT41012	PRESTRESSED CONCRETE	25	49	3
15K61A0142	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	40	3
15K61A0142	RT41014	WATER RESOURCES ENGINEERING - II	25	30	3
15K61A0142	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	55	3
15K61A0142	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	39	3
15K61A0142	RT4101L	ENVIRONMENTAL ENGINEERING LAB	20	39	2
15K61A0142	RT4101M	GIS AND CAD LAB	16	32	2
15K61A0143	RT41011	ENVIRONMENTAL ENGINEERING- II	25	34	3
15K61A0143	RT41012	PRESTRESSED CONCRETE	27	47	3
15K61A0143	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	36	3
15K61A0143	RT41014	WATER RESOURCES ENGINEERING - II	24	31	3
15K61A0143	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	48	3
15K61A0143	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	49	3
15K61A0143	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	34	2
15K61A0143	RT4101M	GIS AND CAD LAB	20	29	2
15K61A0144	RT41011	ENVIRONMENTAL ENGINEERING- II	22	56	3
15K61A0144	RT41012	PRESTRESSED CONCRETE	30	41	3
15K61A0144	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	42	3
15K61A0144	RT41014	WATER RESOURCES ENGINEERING - II	23	34	3
15K61A0144	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	60	3
15K61A0144	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	40	3
15K61A0144	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	36	2
15K61A0144	RT4101M	GIS AND CAD LAB	17	18	2
15K61A0145	RT41011	ENVIRONMENTAL ENGINEERING- II	17	36	3
15K61A0145	RT41012	PRESTRESSED CONCRETE	25	38	3
15K61A0145	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	30	3
15K61A0145	RT41014	WATER RESOURCES ENGINEERING - II	22	24	3
15K61A0145	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	49	3
15K61A0145	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	27	3
15K61A0145	RT4101L	ENVIRONMENTAL ENGINEERING LAB	16	37	2
15K61A0145	RT4101M	GIS AND CAD LAB	16	29	2
15K61A0146	RT41011	ENVIRONMENTAL ENGINEERING- II	24	27	3
15K61A0146	RT41012	PRESTRESSED CONCRETE	21	46	3
15K61A0146	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	14	38	3
15K61A0146	RT41014	WATER RESOURCES ENGINEERING - II	18	41	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0146	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	-1	0
15K61A0146	RT41016	GROUND IMPROVEMENT TECHNIQUES	23	29	3
15K61A0146	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	36	2
15K61A0146	RT4101M	GIS AND CAD LAB	16	17	0
15K61A0147	RT41011	ENVIRONMENTAL ENGINEERING- II	24	38	3
15K61A0147	RT41012	PRESTRESSED CONCRETE	26	56	3
15K61A0147	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	46	3
15K61A0147	RT41014	WATER RESOURCES ENGINEERING - II	24	46	3
15K61A0147	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	32	3
15K61A0147	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	70	3
15K61A0147	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	32	2
15K61A0147	RT4101M	GIS AND CAD LAB	17	18	2
15K61A0148	RT41011	ENVIRONMENTAL ENGINEERING- II	24	43	3
15K61A0148	RT41012	PRESTRESSED CONCRETE	28	35	3
15K61A0148	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	54	3
15K61A0148	RT41014	WATER RESOURCES ENGINEERING - II	24	34	3
15K61A0148	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	53	3
15K61A0148	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	43	3
15K61A0148	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	40	2
15K61A0148	RT4101M	GIS AND CAD LAB	18	31	2
15K61A0149	RT41011	ENVIRONMENTAL ENGINEERING- II	25	46	3
15K61A0149	RT41012	PRESTRESSED CONCRETE	28	70	3
15K61A0149	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	53	3
15K61A0149	RT41014	WATER RESOURCES ENGINEERING - II	25	56	3
15K61A0149	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	52	3
15K61A0149	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	57	3
15K61A0149	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	40	2
15K61A0149	RT4101M	GIS AND CAD LAB	20	28	2
15K61A0150	RT41011	ENVIRONMENTAL ENGINEERING- II	24	42	3
15K61A0150	RT41012	PRESTRESSED CONCRETE	26	42	3
15K61A0150	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	51	3
15K61A0150	RT41014	WATER RESOURCES ENGINEERING - II	26	59	3
15K61A0150	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	70	3
15K61A0150	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	57	3
15K61A0150	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
15K61A0150	RT4101M	GIS AND CAD LAB	19	28	2
15K61A0152	RT41011	ENVIRONMENTAL ENGINEERING- II	19	37	3
15K61A0152	RT41012	PRESTRESSED CONCRETE	19	33	3
15K61A0152	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	33	3
15K61A0152	RT41014	WATER RESOURCES ENGINEERING - II	19	29	3
15K61A0152	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	43	3
15K61A0152	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	48	3
15K61A0152	RT4101L	ENVIRONMENTAL ENGINEERING LAB	17	21	2
15K61A0152	RT4101M	GIS AND CAD LAB	13	17	0
15K61A0153	RT41011	ENVIRONMENTAL ENGINEERING- II	23	48	3
15K61A0153	RT41012	PRESTRESSED CONCRETE	28	35	3
15K61A0153	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	36	3
15K61A0153	RT41014	WATER RESOURCES ENGINEERING - II	24	34	3
15K61A0153	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	62	3
15K61A0153	RT41016	GROUND IMPROVEMENT TECHNIQUES	22	38	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0153	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	41	2
15K61A0153	RT4101M	GIS AND CAD LAB	16	29	2
15K61A0154	RT41011	ENVIRONMENTAL ENGINEERING- II	18	36	3
15K61A0154	RT41012	PRESTRESSED CONCRETE	20	24	3
15K61A0154	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	29	3
15K61A0154	RT41014	WATER RESOURCES ENGINEERING - II	23	42	3
15K61A0154	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	50	3
15K61A0154	RT41016	GROUND IMPROVEMENT TECHNIQUES	19	30	3
15K61A0154	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	30	2
15K61A0154	RT4101M	GIS AND CAD LAB	15	11	0
15K61A0155	RT41011	ENVIRONMENTAL ENGINEERING- II	17	35	3
15K61A0155	RT41012	PRESTRESSED CONCRETE	27	42	3
15K61A0155	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	43	3
15K61A0155	RT41014	WATER RESOURCES ENGINEERING - II	25	24	3
15K61A0155	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	55	3
15K61A0155	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	28	3
15K61A0155	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	31	2
15K61A0155	RT4101M	GIS AND CAD LAB	15	6	0
15K61A0156	RT41011	ENVIRONMENTAL ENGINEERING- II	21	29	3
15K61A0156	RT41012	PRESTRESSED CONCRETE	30	35	3
15K61A0156	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	17	39	3
15K61A0156	RT41014	WATER RESOURCES ENGINEERING - II	24	36	3
15K61A0156	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	33	3
15K61A0156	RT41016	GROUND IMPROVEMENT TECHNIQUES	20	49	3
15K61A0156	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	30	2
15K61A0156	RT4101M	GIS AND CAD LAB	16	18	2
15K61A0157	RT41011	ENVIRONMENTAL ENGINEERING- II	23	55	3
15K61A0157	RT41012	PRESTRESSED CONCRETE	26	33	3
15K61A0157	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	19	39	3
15K61A0157	RT41014	WATER RESOURCES ENGINEERING - II	22	38	3
15K61A0157	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	70	3
15K61A0157	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	32	3
15K61A0157	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	34	2
15K61A0157	RT4101M	GIS AND CAD LAB	19	29	2
15K61A0158	RT41011	ENVIRONMENTAL ENGINEERING- II	29	34	3
15K61A0158	RT41012	PRESTRESSED CONCRETE	30	70	3
15K61A0158	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	49	3
15K61A0158	RT41014	WATER RESOURCES ENGINEERING - II	27	53	3
15K61A0158	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	58	3
15K61A0158	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	59	3
15K61A0158	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
15K61A0158	RT4101M	GIS AND CAD LAB	20	32	2
15K61A0159	RT41011	ENVIRONMENTAL ENGINEERING- II	22	30	3
15K61A0159	RT41012	PRESTRESSED CONCRETE	25	41	3
15K61A0159	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	37	3
15K61A0159	RT41014	WATER RESOURCES ENGINEERING - II	23	25	3
15K61A0159	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	50	3
15K61A0159	RT41016	GROUND IMPROVEMENT TECHNIQUES	21	37	3
15K61A0159	RT4101L	ENVIRONMENTAL ENGINEERING LAB	18	35	2
15K61A0159	RT4101M	GIS AND CAD LAB	17	29	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	24	3
15K61A0201	RT41022	HVAC AND DC TRANSMISSION	15	43	3
15K61A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	20	0
15K61A0201	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	24	3
15K61A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	16	0
15K61A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	11	-1	0
15K61A0201	RT4102M	ELECTRICAL SIMULATION LAB	10	-1	0
15K61A0201	RT4102N	POWER SYSTEMS LAB	19	-1	0
15K61A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	13	29	3
15K61A0203	RT41022	HVAC AND DC TRANSMISSION	15	29	3
15K61A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	9	9	0
15K61A0203	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	14	0
15K61A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	35	3
15K61A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	7	33	2
15K61A0203	RT4102M	ELECTRICAL SIMULATION LAB	7	14	0
15K61A0203	RT4102N	POWER SYSTEMS LAB	9	20	0
15K61A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	50	3
15K61A0204	RT41022	HVAC AND DC TRANSMISSION	22	34	3
15K61A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	47	3
15K61A0204	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	41	3
15K61A0204	RT41028	VLSI DESIGN	25	38	3
15K61A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	27	2
15K61A0204	RT4102M	ELECTRICAL SIMULATION LAB	12	31	2
15K61A0204	RT4102N	POWER SYSTEMS LAB	22	41	2
15K61A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	47	3
15K61A0205	RT41022	HVAC AND DC TRANSMISSION	22	43	3
15K61A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	51	3
15K61A0205	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	44	3
15K61A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	43	3
15K61A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	24	2
15K61A0205	RT4102M	ELECTRICAL SIMULATION LAB	15	40	2
15K61A0205	RT4102N	POWER SYSTEMS LAB	16	44	2
15K61A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	42	3
15K61A0206	RT41022	HVAC AND DC TRANSMISSION	22	55	3
15K61A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	59	3
15K61A0206	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	41	3
15K61A0206	RT41028	VLSI DESIGN	22	38	3
15K61A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	45	2
15K61A0206	RT4102M	ELECTRICAL SIMULATION LAB	21	38	2
15K61A0206	RT4102N	POWER SYSTEMS LAB	22	42	2
15K61A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	41	3
15K61A0207	RT41022	HVAC AND DC TRANSMISSION	25	36	3
15K61A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	34	3
15K61A0207	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	44	3
15K61A0207	RT41028	VLSI DESIGN	25	24	3
15K61A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	42	2
15K61A0207	RT4102M	ELECTRICAL SIMULATION LAB	18	40	2
15K61A0207	RT4102N	POWER SYSTEMS LAB	22	45	2
15K61A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	60	3
15K61A0208	RT41022	HVAC AND DC TRANSMISSION	25	34	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	42	3
15K61A0208	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	50	3
15K61A0208	RT41028	VLSI DESIGN	21	45	3
15K61A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	45	2
15K61A0208	RT4102M	ELECTRICAL SIMULATION LAB	19	36	2
15K61A0208	RT4102N	POWER SYSTEMS LAB	21	49	2
15K61A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	58	3
15K61A0209	RT41022	HVAC AND DC TRANSMISSION	25	59	3
15K61A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	59	3
15K61A0209	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	43	3
15K61A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	62	3
15K61A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	30	2
15K61A0209	RT4102M	ELECTRICAL SIMULATION LAB	20	45	2
15K61A0209	RT4102N	POWER SYSTEMS LAB	22	46	2
15K61A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	43	3
15K61A0210	RT41022	HVAC AND DC TRANSMISSION	26	43	3
15K61A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	57	3
15K61A0210	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	40	3
15K61A0210	RT41028	VLSI DESIGN	22	44	3
15K61A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	37	2
15K61A0210	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
15K61A0210	RT4102N	POWER SYSTEMS LAB	23	48	2
15K61A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	38	3
15K61A0211	RT41022	HVAC AND DC TRANSMISSION	21	40	3
15K61A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	28	3
15K61A0211	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	33	3
15K61A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	48	3
15K61A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15K61A0211	RT4102M	ELECTRICAL SIMULATION LAB	18	40	2
15K61A0211	RT4102N	POWER SYSTEMS LAB	19	43	2
15K61A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	45	3
15K61A0212	RT41022	HVAC AND DC TRANSMISSION	24	32	3
15K61A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	35	3
15K61A0212	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	35	3
15K61A0212	RT41028	VLSI DESIGN	24	35	3
15K61A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	28	2
15K61A0212	RT4102M	ELECTRICAL SIMULATION LAB	18	36	2
15K61A0212	RT4102N	POWER SYSTEMS LAB	22	44	2
15K61A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	15	0
15K61A0214	RT41022	HVAC AND DC TRANSMISSION	19	13	0
15K61A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	43	3
15K61A0214	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	39	3
15K61A0214	RT41028	VLSI DESIGN	20	36	3
15K61A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15K61A0214	RT4102M	ELECTRICAL SIMULATION LAB	17	37	2
15K61A0214	RT4102N	POWER SYSTEMS LAB	22	43	2
15K61A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	34	3
15K61A0215	RT41022	HVAC AND DC TRANSMISSION	24	50	3
15K61A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	62	3
15K61A0215	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	54	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0215	RT41028	VLSI DESIGN	22	33	3
15K61A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	40	2
15K61A0215	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
15K61A0215	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	53	3
15K61A0216	RT41022	HVAC AND DC TRANSMISSION	18	41	3
15K61A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	24	3
15K61A0216	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	41	3
15K61A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	42	3
15K61A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	43	2
15K61A0216	RT4102M	ELECTRICAL SIMULATION LAB	20	36	2
15K61A0216	RT4102N	POWER SYSTEMS LAB	22	45	2
15K61A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	40	3
15K61A0217	RT41022	HVAC AND DC TRANSMISSION	26	32	3
15K61A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	45	3
15K61A0217	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	33	3
15K61A0217	RT41028	VLSI DESIGN	19	37	3
15K61A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	43	2
15K61A0217	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
15K61A0217	RT4102N	POWER SYSTEMS LAB	23	43	2
15K61A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	43	3
15K61A0218	RT41022	HVAC AND DC TRANSMISSION	22	30	3
15K61A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	59	3
15K61A0218	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	40	3
15K61A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	46	3
15K61A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
15K61A0218	RT4102M	ELECTRICAL SIMULATION LAB	22	38	2
15K61A0218	RT4102N	POWER SYSTEMS LAB	21	46	2
15K61A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	43	3
15K61A0219	RT41022	HVAC AND DC TRANSMISSION	22	51	3
15K61A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	46	3
15K61A0219	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	53	3
15K61A0219	RT41028	VLSI DESIGN	24	48	3
15K61A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	35	2
15K61A0219	RT4102M	ELECTRICAL SIMULATION LAB	19	30	2
15K61A0219	RT4102N	POWER SYSTEMS LAB	24	47	2
15K61A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	49	3
15K61A0220	RT41022	HVAC AND DC TRANSMISSION	21	35	3
15K61A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	24	3
15K61A0220	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	34	3
15K61A0220	RT41028	VLSI DESIGN	19	36	3
15K61A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	38	2
15K61A0220	RT4102M	ELECTRICAL SIMULATION LAB	16	22	2
15K61A0220	RT4102N	POWER SYSTEMS LAB	21	43	2
15K61A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	54	3
15K61A0221	RT41022	HVAC AND DC TRANSMISSION	24	32	3
15K61A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	38	3
15K61A0221	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	38	3
15K61A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	52	3
15K61A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	34	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0221	RT4102M	ELECTRICAL SIMULATION LAB	20	41	2
15K61A0221	RT4102N	POWER SYSTEMS LAB	22	44	2
15K61A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	31	3
15K61A0222	RT41022	HVAC AND DC TRANSMISSION	24	42	3
15K61A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	37	3
15K61A0222	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	41	3
15K61A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	49	3
15K61A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	41	2
15K61A0222	RT4102M	ELECTRICAL SIMULATION LAB	18	43	2
15K61A0222	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	49	3
15K61A0223	RT41022	HVAC AND DC TRANSMISSION	17	50	3
15K61A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	37	3
15K61A0223	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	44	3
15K61A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	51	3
15K61A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	40	2
15K61A0223	RT4102M	ELECTRICAL SIMULATION LAB	14	22	2
15K61A0223	RT4102N	POWER SYSTEMS LAB	15	37	2
15K61A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	24	3
15K61A0224	RT41022	HVAC AND DC TRANSMISSION	17	31	3
15K61A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	26	3
15K61A0224	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	37	3
15K61A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	27	3
15K61A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	32	2
15K61A0224	RT4102M	ELECTRICAL SIMULATION LAB	18	39	2
15K61A0224	RT4102N	POWER SYSTEMS LAB	19	37	2
15K61A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	50	3
15K61A0225	RT41022	HVAC AND DC TRANSMISSION	26	25	3
15K61A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	31	3
15K61A0225	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	42	3
15K61A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	52	3
15K61A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	48	2
15K61A0225	RT4102M	ELECTRICAL SIMULATION LAB	22	42	2
15K61A0225	RT4102N	POWER SYSTEMS LAB	20	48	2
15K61A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	49	3
15K61A0227	RT41022	HVAC AND DC TRANSMISSION	18	51	3
15K61A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	44	3
15K61A0227	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	8	0
15K61A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	56	3
15K61A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	42	2
15K61A0227	RT4102M	ELECTRICAL SIMULATION LAB	14	35	2
15K61A0227	RT4102N	POWER SYSTEMS LAB	18	46	2
15K61A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	48	3
15K61A0228	RT41022	HVAC AND DC TRANSMISSION	23	55	3
15K61A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	58	3
15K61A0228	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	47	3
15K61A0228	RT41028	VLSI DESIGN	27	48	3
15K61A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15K61A0228	RT4102M	ELECTRICAL SIMULATION LAB	21	45	2
15K61A0228	RT4102N	POWER SYSTEMS LAB	25	47	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	41	3
15K61A0229	RT41022	HVAC AND DC TRANSMISSION	22	49	3
15K61A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	34	3
15K61A0229	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	43	3
15K61A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	37	3
15K61A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	33	2
15K61A0229	RT4102M	ELECTRICAL SIMULATION LAB	20	32	2
15K61A0229	RT4102N	POWER SYSTEMS LAB	22	48	2
15K61A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	24	3
15K61A0231	RT41022	HVAC AND DC TRANSMISSION	16	5	0
15K61A0231	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	24	3
15K61A0231	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	32	3
15K61A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	29	3
15K61A0231	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	8	20	0
15K61A0231	RT4102M	ELECTRICAL SIMULATION LAB	12	21	2
15K61A0231	RT4102N	POWER SYSTEMS LAB	13	43	2
15K61A0232	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	14	0
15K61A0232	RT41022	HVAC AND DC TRANSMISSION	18	35	3
15K61A0232	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	48	3
15K61A0232	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	38	3
15K61A0232	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	36	3
15K61A0232	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	32	2
15K61A0232	RT4102M	ELECTRICAL SIMULATION LAB	18	30	2
15K61A0232	RT4102N	POWER SYSTEMS LAB	19	37	2
15K61A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	32	3
15K61A0233	RT41022	HVAC AND DC TRANSMISSION	14	41	3
15K61A0233	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	4	0
15K61A0233	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	13	0
15K61A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	13	16	0
15K61A0233	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	32	2
15K61A0233	RT4102M	ELECTRICAL SIMULATION LAB	14	40	2
15K61A0233	RT4102N	POWER SYSTEMS LAB	8	38	2
15K61A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	64	3
15K61A0234	RT41022	HVAC AND DC TRANSMISSION	25	48	3
15K61A0234	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	29	3
15K61A0234	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	50	3
15K61A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	59	3
15K61A0234	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
15K61A0234	RT4102M	ELECTRICAL SIMULATION LAB	22	46	2
15K61A0234	RT4102N	POWER SYSTEMS LAB	22	41	2
15K61A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	54	3
15K61A0235	RT41022	HVAC AND DC TRANSMISSION	20	32	3
15K61A0235	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	31	3
15K61A0235	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	41	3
15K61A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	40	3
15K61A0235	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	25	2
15K61A0235	RT4102M	ELECTRICAL SIMULATION LAB	19	37	2
15K61A0235	RT4102N	POWER SYSTEMS LAB	19	43	2
15K61A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	26	3
15K61A0237	RT41022	HVAC AND DC TRANSMISSION	16	43	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0237	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	12	0
15K61A0237	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	37	3
15K61A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	42	3
15K61A0237	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	39	2
15K61A0237	RT4102M	ELECTRICAL SIMULATION LAB	13	35	2
15K61A0237	RT4102N	POWER SYSTEMS LAB	20	43	2
15K61A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	41	3
15K61A0238	RT41022	HVAC AND DC TRANSMISSION	21	49	3
15K61A0238	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	61	3
15K61A0238	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	33	3
15K61A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	52	3
15K61A0238	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	27	2
15K61A0238	RT4102M	ELECTRICAL SIMULATION LAB	20	37	2
15K61A0238	RT4102N	POWER SYSTEMS LAB	20	45	2
15K61A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	27	3
15K61A0240	RT41022	HVAC AND DC TRANSMISSION	19	42	3
15K61A0240	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	28	3
15K61A0240	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	37	3
15K61A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	38	3
15K61A0240	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	30	2
15K61A0240	RT4102M	ELECTRICAL SIMULATION LAB	21	41	2
15K61A0240	RT4102N	POWER SYSTEMS LAB	23	46	2
15K61A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	51	3
15K61A0241	RT41022	HVAC AND DC TRANSMISSION	23	24	3
15K61A0241	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	24	3
15K61A0241	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	37	3
15K61A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	39	3
15K61A0241	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	35	2
15K61A0241	RT4102M	ELECTRICAL SIMULATION LAB	21	41	2
15K61A0241	RT4102N	POWER SYSTEMS LAB	22	44	2
15K61A0242	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	40	3
15K61A0242	RT41022	HVAC AND DC TRANSMISSION	24	46	3
15K61A0242	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	51	3
15K61A0242	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	32	3
15K61A0242	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	45	3
15K61A0242	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	40	2
15K61A0242	RT4102M	ELECTRICAL SIMULATION LAB	19	40	2
15K61A0242	RT4102N	POWER SYSTEMS LAB	23	48	2
15K61A0243	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	67	3
15K61A0243	RT41022	HVAC AND DC TRANSMISSION	28	49	3
15K61A0243	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	46	3
15K61A0243	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	45	3
15K61A0243	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	51	3
15K61A0243	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
15K61A0243	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
15K61A0243	RT4102N	POWER SYSTEMS LAB	23	49	2
15K61A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
15K61A0244	RT41022	HVAC AND DC TRANSMISSION	21	43	3
15K61A0244	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	24	3
15K61A0244	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	45	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0244	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	38	3
15K61A0244	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
15K61A0244	RT4102M	ELECTRICAL SIMULATION LAB	19	41	2
15K61A0244	RT4102N	POWER SYSTEMS LAB	22	46	2
15K61A0245	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	49	3
15K61A0245	RT41022	HVAC AND DC TRANSMISSION	21	32	3
15K61A0245	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	40	3
15K61A0245	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	44	3
15K61A0245	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	42	3
15K61A0245	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	40	2
15K61A0245	RT4102M	ELECTRICAL SIMULATION LAB	19	42	2
15K61A0245	RT4102N	POWER SYSTEMS LAB	22	46	2
15K61A0246	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	37	3
15K61A0246	RT41022	HVAC AND DC TRANSMISSION	21	48	3
15K61A0246	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	50	3
15K61A0246	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	16	0
15K61A0246	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	59	3
15K61A0246	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	28	2
15K61A0246	RT4102M	ELECTRICAL SIMULATION LAB	16	32	2
15K61A0246	RT4102N	POWER SYSTEMS LAB	21	46	2
15K61A0247	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	35	3
15K61A0247	RT41022	HVAC AND DC TRANSMISSION	23	49	3
15K61A0247	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	30	3
15K61A0247	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	26	3
15K61A0247	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	52	3
15K61A0247	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	46	2
15K61A0247	RT4102M	ELECTRICAL SIMULATION LAB	21	38	2
15K61A0247	RT4102N	POWER SYSTEMS LAB	22	48	2
15K61A0248	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	45	3
15K61A0248	RT41022	HVAC AND DC TRANSMISSION	24	45	3
15K61A0248	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	30	3
15K61A0248	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	18	28	3
15K61A0248	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	34	3
15K61A0248	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	46	2
15K61A0248	RT4102M	ELECTRICAL SIMULATION LAB	13	35	2
15K61A0248	RT4102N	POWER SYSTEMS LAB	17	44	2
15K61A0249	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	21	0
15K61A0249	RT41022	HVAC AND DC TRANSMISSION	19	16	0
15K61A0249	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	10	0
15K61A0249	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	17	11	0
15K61A0249	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	25	3
15K61A0249	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	30	2
15K61A0249	RT4102M	ELECTRICAL SIMULATION LAB	18	26	2
15K61A0249	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0250	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	50	3
15K61A0250	RT41022	HVAC AND DC TRANSMISSION	21	41	3
15K61A0250	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	59	3
15K61A0250	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	55	3
15K61A0250	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	53	3
15K61A0250	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	47	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0250	RT4102M	ELECTRICAL SIMULATION LAB	18	34	2
15K61A0250	RT4102N	POWER SYSTEMS LAB	21	47	2
15K61A0251	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	49	3
15K61A0251	RT41022	HVAC AND DC TRANSMISSION	15	49	3
15K61A0251	RT41023	POWER SYSTEM OPERATION AND CONTROL	13	40	3
15K61A0251	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	16	0
15K61A0251	RT41028	VLSI DESIGN	21	31	3
15K61A0251	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	14	28	2
15K61A0251	RT4102M	ELECTRICAL SIMULATION LAB	13	24	2
15K61A0251	RT4102N	POWER SYSTEMS LAB	18	44	2
15K61A0252	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	33	3
15K61A0252	RT41022	HVAC AND DC TRANSMISSION	20	35	3
15K61A0252	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	29	3
15K61A0252	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	32	3
15K61A0252	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	55	3
15K61A0252	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
15K61A0252	RT4102M	ELECTRICAL SIMULATION LAB	17	30	2
15K61A0252	RT4102N	POWER SYSTEMS LAB	20	45	2
15K61A0253	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	55	3
15K61A0253	RT41022	HVAC AND DC TRANSMISSION	24	31	3
15K61A0253	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	35	3
15K61A0253	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	24	3
15K61A0253	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	50	3
15K61A0253	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
15K61A0253	RT4102M	ELECTRICAL SIMULATION LAB	18	37	2
15K61A0253	RT4102N	POWER SYSTEMS LAB	21	40	2
15K61A0254	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	32	3
15K61A0254	RT41022	HVAC AND DC TRANSMISSION	26	50	3
15K61A0254	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	49	3
15K61A0254	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	40	3
15K61A0254	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	44	3
15K61A0254	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	35	2
15K61A0254	RT4102M	ELECTRICAL SIMULATION LAB	19	43	2
15K61A0254	RT4102N	POWER SYSTEMS LAB	19	45	2
15K61A0255	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	61	3
15K61A0255	RT41022	HVAC AND DC TRANSMISSION	19	49	3
15K61A0255	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	35	3
15K61A0255	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	17	0
15K61A0255	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	49	3
15K61A0255	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	38	2
15K61A0255	RT4102M	ELECTRICAL SIMULATION LAB	17	41	2
15K61A0255	RT4102N	POWER SYSTEMS LAB	19	44	2
15K61A0256	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	65	3
15K61A0256	RT41022	HVAC AND DC TRANSMISSION	18	48	3
15K61A0256	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	30	3
15K61A0256	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	27	3
15K61A0256	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	64	3
15K61A0256	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	47	2
15K61A0256	RT4102M	ELECTRICAL SIMULATION LAB	18	39	2
15K61A0256	RT4102N	POWER SYSTEMS LAB	17	45	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0257	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	49	3
15K61A0257	RT41022	HVAC AND DC TRANSMISSION	21	32	3
15K61A0257	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	42	3
15K61A0257	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	33	3
15K61A0257	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	37	3
15K61A0257	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	46	2
15K61A0257	RT4102M	ELECTRICAL SIMULATION LAB	19	39	2
15K61A0257	RT4102N	POWER SYSTEMS LAB	21	43	2
15K61A0258	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	26	3
15K61A0258	RT41022	HVAC AND DC TRANSMISSION	20	49	3
15K61A0258	RT41023	POWER SYSTEM OPERATION AND CONTROL	17	43	3
15K61A0258	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	24	3
15K61A0258	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	38	3
15K61A0258	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
15K61A0258	RT4102M	ELECTRICAL SIMULATION LAB	18	35	2
15K61A0258	RT4102N	POWER SYSTEMS LAB	20	45	2
15K61A0259	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	44	3
15K61A0259	RT41022	HVAC AND DC TRANSMISSION	19	55	3
15K61A0259	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	42	3
15K61A0259	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	16	0
15K61A0259	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	32	3
15K61A0259	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	35	2
15K61A0259	RT4102M	ELECTRICAL SIMULATION LAB	18	36	2
15K61A0259	RT4102N	POWER SYSTEMS LAB	18	46	2
15K61A0261	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	40	3
15K61A0261	RT41022	HVAC AND DC TRANSMISSION	21	48	3
15K61A0261	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	24	3
15K61A0261	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	24	3
15K61A0261	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	67	3
15K61A0261	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	48	2
15K61A0261	RT4102M	ELECTRICAL SIMULATION LAB	18	41	2
15K61A0261	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0262	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	55	3
15K61A0262	RT41022	HVAC AND DC TRANSMISSION	21	25	3
15K61A0262	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	38	3
15K61A0262	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	42	3
15K61A0262	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	34	3
15K61A0262	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
15K61A0262	RT4102M	ELECTRICAL SIMULATION LAB	19	38	2
15K61A0262	RT4102N	POWER SYSTEMS LAB	22	48	2
15K61A0263	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	41	3
15K61A0263	RT41022	HVAC AND DC TRANSMISSION	21	44	3
15K61A0263	RT41023	POWER SYSTEM OPERATION AND CONTROL	18	51	3
15K61A0263	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	29	3
15K61A0263	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	43	3
15K61A0263	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	35	2
15K61A0263	RT4102M	ELECTRICAL SIMULATION LAB	16	37	2
15K61A0263	RT4102N	POWER SYSTEMS LAB	19	45	2
15K61A0264	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	70	3
15K61A0264	RT41022	HVAC AND DC TRANSMISSION	28	49	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0264	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	42	3
15K61A0264	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	36	3
15K61A0264	RT41028	VLSI DESIGN	29	45	3
15K61A0264	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	47	2
15K61A0264	RT4102M	ELECTRICAL SIMULATION LAB	18	41	2
15K61A0264	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0265	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	63	3
15K61A0265	RT41022	HVAC AND DC TRANSMISSION	24	47	3
15K61A0265	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	24	3
15K61A0265	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	28	3
15K61A0265	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	42	3
15K61A0265	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	48	2
15K61A0265	RT4102M	ELECTRICAL SIMULATION LAB	22	40	2
15K61A0265	RT4102N	POWER SYSTEMS LAB	20	45	2
15K61A0266	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	36	3
15K61A0266	RT41022	HVAC AND DC TRANSMISSION	18	18	0
15K61A0266	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	4	0
15K61A0266	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	16	47	3
15K61A0266	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	35	3
15K61A0266	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	35	2
15K61A0266	RT4102M	ELECTRICAL SIMULATION LAB	12	23	2
15K61A0266	RT4102N	POWER SYSTEMS LAB	11	35	2
15K61A0267	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	54	3
15K61A0267	RT41022	HVAC AND DC TRANSMISSION	23	44	3
15K61A0267	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	60	3
15K61A0267	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	27	3
15K61A0267	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	46	3
15K61A0267	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	49	2
15K61A0267	RT4102M	ELECTRICAL SIMULATION LAB	23	47	2
15K61A0267	RT4102N	POWER SYSTEMS LAB	24	47	2
15K61A0268	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	53	3
15K61A0268	RT41022	HVAC AND DC TRANSMISSION	22	56	3
15K61A0268	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	45	3
15K61A0268	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	34	3
15K61A0268	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	46	3
15K61A0268	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
15K61A0268	RT4102M	ELECTRICAL SIMULATION LAB	18	36	2
15K61A0268	RT4102N	POWER SYSTEMS LAB	20	45	2
15K61A0271	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	51	3
15K61A0271	RT41022	HVAC AND DC TRANSMISSION	19	42	3
15K61A0271	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	30	3
15K61A0271	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	30	3
15K61A0271	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	54	3
15K61A0271	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	47	2
15K61A0271	RT4102M	ELECTRICAL SIMULATION LAB	18	38	2
15K61A0271	RT4102N	POWER SYSTEMS LAB	22	46	2
15K61A0272	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	58	3
15K61A0272	RT41022	HVAC AND DC TRANSMISSION	26	41	3
15K61A0272	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	36	3
15K61A0272	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	25	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0272	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	65	3
15K61A0272	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	38	2
15K61A0272	RT4102M	ELECTRICAL SIMULATION LAB	19	29	2
15K61A0272	RT4102N	POWER SYSTEMS LAB	23	43	2
15K61A0273	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	32	3
15K61A0273	RT41022	HVAC AND DC TRANSMISSION	18	24	3
15K61A0273	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	43	3
15K61A0273	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	16	6	0
15K61A0273	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	37	3
15K61A0273	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	16	47	2
15K61A0273	RT4102M	ELECTRICAL SIMULATION LAB	14	25	2
15K61A0273	RT4102N	POWER SYSTEMS LAB	19	45	2
15K61A0274	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	27	3
15K61A0274	RT41022	HVAC AND DC TRANSMISSION	17	33	3
15K61A0274	RT41023	POWER SYSTEM OPERATION AND CONTROL	12	6	0
15K61A0274	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	20	0	0
15K61A0274	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	12	0
15K61A0274	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	38	2
15K61A0274	RT4102M	ELECTRICAL SIMULATION LAB	15	39	2
15K61A0274	RT4102N	POWER SYSTEMS LAB	19	41	2
15K61A0275	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	53	3
15K61A0275	RT41022	HVAC AND DC TRANSMISSION	26	50	3
15K61A0275	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	26	3
15K61A0275	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	24	3
15K61A0275	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	50	3
15K61A0275	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	48	2
15K61A0275	RT4102M	ELECTRICAL SIMULATION LAB	18	44	2
15K61A0275	RT4102N	POWER SYSTEMS LAB	22	48	2
15K61A0276	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	36	3
15K61A0276	RT41022	HVAC AND DC TRANSMISSION	18	24	3
15K61A0276	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	16	0
15K61A0276	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	36	3
15K61A0276	RT41028	VLSI DESIGN	22	26	3
15K61A0276	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	28	2
15K61A0276	RT4102M	ELECTRICAL SIMULATION LAB	18	25	2
15K61A0276	RT4102N	POWER SYSTEMS LAB	19	45	2
15K61A0277	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	44	3
15K61A0277	RT41022	HVAC AND DC TRANSMISSION	21	46	3
15K61A0277	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	44	3
15K61A0277	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	30	3
15K61A0277	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	52	3
15K61A0277	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	10	35	2
15K61A0277	RT4102M	ELECTRICAL SIMULATION LAB	15	36	2
15K61A0277	RT4102N	POWER SYSTEMS LAB	18	47	2
15K61A0278	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	61	3
15K61A0278	RT41022	HVAC AND DC TRANSMISSION	19	54	3
15K61A0278	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	61	3
15K61A0278	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	24	3
15K61A0278	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	53	3
15K61A0278	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	48	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0278	RT4102M	ELECTRICAL SIMULATION LAB	19	45	2
15K61A0278	RT4102N	POWER SYSTEMS LAB	22	45	2
15K61A0279	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	56	3
15K61A0279	RT41022	HVAC AND DC TRANSMISSION	20	43	3
15K61A0279	RT41023	POWER SYSTEM OPERATION AND CONTROL	21	31	3
15K61A0279	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	24	3
15K61A0279	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	38	3
15K61A0279	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	36	2
15K61A0279	RT4102M	ELECTRICAL SIMULATION LAB	22	40	2
15K61A0279	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0280	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	49	3
15K61A0280	RT41022	HVAC AND DC TRANSMISSION	21	36	3
15K61A0280	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	33	3
15K61A0280	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	15	0
15K61A0280	RT41028	VLSI DESIGN	27	35	3
15K61A0280	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	12	37	2
15K61A0280	RT4102M	ELECTRICAL SIMULATION LAB	17	36	2
15K61A0280	RT4102N	POWER SYSTEMS LAB	20	46	2
15K61A0282	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	44	3
15K61A0282	RT41022	HVAC AND DC TRANSMISSION	18	37	3
15K61A0282	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	43	3
15K61A0282	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	48	3
15K61A0282	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	45	3
15K61A0282	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	48	2
15K61A0282	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
15K61A0282	RT4102N	POWER SYSTEMS LAB	23	46	2
15K61A0283	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	41	3
15K61A0283	RT41022	HVAC AND DC TRANSMISSION	20	49	3
15K61A0283	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	53	3
15K61A0283	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	36	3
15K61A0283	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	48	3
15K61A0283	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	48	2
15K61A0283	RT4102M	ELECTRICAL SIMULATION LAB	18	39	2
15K61A0283	RT4102N	POWER SYSTEMS LAB	23	47	2
15K61A0284	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	53	3
15K61A0284	RT41022	HVAC AND DC TRANSMISSION	19	40	3
15K61A0284	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	36	3
15K61A0284	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	52	3
15K61A0284	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	44	3
15K61A0284	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
15K61A0284	RT4102M	ELECTRICAL SIMULATION LAB	19	46	2
15K61A0284	RT4102N	POWER SYSTEMS LAB	22	46	2
15K61A0285	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	43	3
15K61A0285	RT41022	HVAC AND DC TRANSMISSION	19	24	3
15K61A0285	RT41023	POWER SYSTEM OPERATION AND CONTROL	19	26	3
15K61A0285	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	37	3
15K61A0285	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	46	3
15K61A0285	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	46	2
15K61A0285	RT4102M	ELECTRICAL SIMULATION LAB	22	39	2
15K61A0285	RT4102N	POWER SYSTEMS LAB	20	44	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A0286	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	47	3
15K61A0286	RT41022	HVAC AND DC TRANSMISSION	20	46	3
15K61A0286	RT41023	POWER SYSTEM OPERATION AND CONTROL	16	46	3
15K61A0286	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	44	3
15K61A0286	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	51	3
15K61A0286	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	47	2
15K61A0286	RT4102M	ELECTRICAL SIMULATION LAB	17	33	2
15K61A0286	RT4102N	POWER SYSTEMS LAB	21	45	2
15K61A0287	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	38	3
15K61A0287	RT41022	HVAC AND DC TRANSMISSION	21	49	3
15K61A0287	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	49	3
15K61A0287	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	25	44	3
15K61A0287	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	70	3
15K61A0287	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	47	2
15K61A0287	RT4102M	ELECTRICAL SIMULATION LAB	23	48	2
15K61A0287	RT4102N	POWER SYSTEMS LAB	21	48	2
15K61A0288	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	62	3
15K61A0288	RT41022	HVAC AND DC TRANSMISSION	24	46	3
15K61A0288	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	37	3
15K61A0288	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	62	3
15K61A0288	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	56	3
15K61A0288	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
15K61A0288	RT4102M	ELECTRICAL SIMULATION LAB	24	50	2
15K61A0288	RT4102N	POWER SYSTEMS LAB	24	49	2
15K61A0301	RT41031	AUTOMOBILE ENGINEERING	24	42	3
15K61A0301	RT41032	CAD / CAM	18	26	3
15K61A0301	RT41033	FINITE ELEMENT METHODS	16	14	0
15K61A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	24	3
15K61A0301	RT41036	NANO TECHNOLOGY	17	38	3
15K61A0301	RT41039	AUTOMATION IN MANUFACTURING	16	48	3
15K61A0301	RT4103L	SIMULATION LAB	17	40	2
15K61A0301	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0303	RT41031	AUTOMOBILE ENGINEERING	27	36	3
15K61A0303	RT41032	CAD / CAM	18	48	3
15K61A0303	RT41033	FINITE ELEMENT METHODS	16	30	3
15K61A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	37	3
15K61A0303	RT41036	NANO TECHNOLOGY	18	46	3
15K61A0303	RT41039	AUTOMATION IN MANUFACTURING	22	56	3
15K61A0303	RT4103L	SIMULATION LAB	17	45	2
15K61A0303	RT4103M	DESIGN FABRICATION PROJECT	29	0	1
15K61A0304	RT41031	AUTOMOBILE ENGINEERING	26	63	3
15K61A0304	RT41032	CAD / CAM	20	36	3
15K61A0304	RT41033	FINITE ELEMENT METHODS	19	54	3
15K61A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	51	3
15K61A0304	RT41036	NANO TECHNOLOGY	19	42	3
15K61A0304	RT41039	AUTOMATION IN MANUFACTURING	23	56	3
15K61A0304	RT4103L	SIMULATION LAB	18	44	2
15K61A0304	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A0305	RT41031	AUTOMOBILE ENGINEERING	25	24	3
15K61A0305	RT41032	CAD / CAM	16	18	0

Htno	Subcode	Subname	Internal	External	Credits
15K61A0305	RT41033	FINITE ELEMENT METHODS	18	24	3
15K61A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	35	3
15K61A0305	RT41036	NANO TECHNOLOGY	22	24	3
15K61A0305	RT41039	AUTOMATION IN MANUFACTURING	19	45	3
15K61A0305	RT4103L	SIMULATION LAB	18	31	2
15K61A0305	RT4103M	DESIGN FABRICATION PROJECT	29	0	1
15K61A0306	RT41031	AUTOMOBILE ENGINEERING	28	50	3
15K61A0306	RT41032	CAD / CAM	21	41	3
15K61A0306	RT41033	FINITE ELEMENT METHODS	16	11	0
15K61A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	30	3
15K61A0306	RT41036	NANO TECHNOLOGY	22	58	3
15K61A0306	RT41039	AUTOMATION IN MANUFACTURING	20	56	3
15K61A0306	RT4103L	SIMULATION LAB	22	47	2
15K61A0306	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A0307	RT41031	AUTOMOBILE ENGINEERING	25	33	3
15K61A0307	RT41032	CAD / CAM	21	43	3
15K61A0307	RT41033	FINITE ELEMENT METHODS	14	33	3
15K61A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	40	3
15K61A0307	RT41036	NANO TECHNOLOGY	20	48	3
15K61A0307	RT41039	AUTOMATION IN MANUFACTURING	23	-3	0
15K61A0307	RT4103L	SIMULATION LAB	22	44	2
15K61A0307	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0308	RT41031	AUTOMOBILE ENGINEERING	21	35	3
15K61A0308	RT41032	CAD / CAM	17	31	3
15K61A0308	RT41033	FINITE ELEMENT METHODS	14	26	3
15K61A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	46	3
15K61A0308	RT41036	NANO TECHNOLOGY	21	30	3
15K61A0308	RT41039	AUTOMATION IN MANUFACTURING	18	31	3
15K61A0308	RT4103L	SIMULATION LAB	17	24	2
15K61A0308	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0309	RT41031	AUTOMOBILE ENGINEERING	24	24	3
15K61A0309	RT41032	CAD / CAM	17	39	3
15K61A0309	RT41033	FINITE ELEMENT METHODS	18	17	0
15K61A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	14	0
15K61A0309	RT41036	NANO TECHNOLOGY	27	24	3
15K61A0309	RT41039	AUTOMATION IN MANUFACTURING	24	24	3
15K61A0309	RT4103L	SIMULATION LAB	17	23	2
15K61A0309	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0310	RT41031	AUTOMOBILE ENGINEERING	20	47	3
15K61A0310	RT41032	CAD / CAM	20	38	3
15K61A0310	RT41033	FINITE ELEMENT METHODS	19	25	3
15K61A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	43	3
15K61A0310	RT41036	NANO TECHNOLOGY	22	40	3
15K61A0310	RT41039	AUTOMATION IN MANUFACTURING	22	47	3
15K61A0310	RT4103L	SIMULATION LAB	17	45	2
15K61A0310	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0311	RT41031	AUTOMOBILE ENGINEERING	24	34	3
15K61A0311	RT41032	CAD / CAM	19	40	3
15K61A0311	RT41033	FINITE ELEMENT METHODS	17	31	3
15K61A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	52	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0311	RT41036	NANO TECHNOLOGY	21	47	3
15K61A0311	RT41039	AUTOMATION IN MANUFACTURING	21	57	3
15K61A0311	RT4103L	SIMULATION LAB	19	30	2
15K61A0311	RT4103M	DESIGN FABRICATION PROJECT	32	0	1
15K61A0312	RT41031	AUTOMOBILE ENGINEERING	23	52	3
15K61A0312	RT41032	CAD / CAM	18	33	3
15K61A0312	RT41033	FINITE ELEMENT METHODS	20	34	3
15K61A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	47	3
15K61A0312	RT41036	NANO TECHNOLOGY	22	30	3
15K61A0312	RT41039	AUTOMATION IN MANUFACTURING	21	39	3
15K61A0312	RT4103L	SIMULATION LAB	17	39	2
15K61A0312	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0313	RT41031	AUTOMOBILE ENGINEERING	13	27	3
15K61A0313	RT41032	CAD / CAM	12	7	0
15K61A0313	RT41033	FINITE ELEMENT METHODS	9	22	0
15K61A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	30	3
15K61A0313	RT41036	NANO TECHNOLOGY	14	17	0
15K61A0313	RT41039	AUTOMATION IN MANUFACTURING	14	44	3
15K61A0313	RT4103L	SIMULATION LAB	17	22	2
15K61A0313	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0314	RT41031	AUTOMOBILE ENGINEERING	19	21	0
15K61A0314	RT41032	CAD / CAM	15	26	3
15K61A0314	RT41033	FINITE ELEMENT METHODS	16	0	0
15K61A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	12	0
15K61A0314	RT41036	NANO TECHNOLOGY	19	24	3
15K61A0314	RT41039	AUTOMATION IN MANUFACTURING	16	2	0
15K61A0314	RT4103L	SIMULATION LAB	16	28	2
15K61A0314	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15K61A0315	RT41031	AUTOMOBILE ENGINEERING	24	26	3
15K61A0315	RT41032	CAD / CAM	18	52	3
15K61A0315	RT41033	FINITE ELEMENT METHODS	17	33	3
15K61A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	40	3
15K61A0315	RT41036	NANO TECHNOLOGY	28	44	3
15K61A0315	RT41039	AUTOMATION IN MANUFACTURING	21	53	3
15K61A0315	RT4103L	SIMULATION LAB	18	34	2
15K61A0315	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A0316	RT41031	AUTOMOBILE ENGINEERING	24	55	3
15K61A0316	RT41032	CAD / CAM	20	31	3
15K61A0316	RT41033	FINITE ELEMENT METHODS	18	25	3
15K61A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	47	3
15K61A0316	RT41036	NANO TECHNOLOGY	25	44	3
15K61A0316	RT41039	AUTOMATION IN MANUFACTURING	25	36	3
15K61A0316	RT4103L	SIMULATION LAB	18	23	2
15K61A0316	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A0317	RT41031	AUTOMOBILE ENGINEERING	25	41	3
15K61A0317	RT41032	CAD / CAM	17	40	3
15K61A0317	RT41033	FINITE ELEMENT METHODS	18	32	3
15K61A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	49	3
15K61A0317	RT41036	NANO TECHNOLOGY	28	34	3
15K61A0317	RT41039	AUTOMATION IN MANUFACTURING	21	63	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0317	RT4103L	SIMULATION LAB	19	23	2
15K61A0317	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A0318	RT41031	AUTOMOBILE ENGINEERING	25	40	3
15K61A0318	RT41032	CAD / CAM	20	29	3
15K61A0318	RT41033	FINITE ELEMENT METHODS	19	15	0
15K61A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	24	3
15K61A0318	RT41036	NANO TECHNOLOGY	25	40	3
15K61A0318	RT41039	AUTOMATION IN MANUFACTURING	18	15	0
15K61A0318	RT4103L	SIMULATION LAB	17	35	2
15K61A0318	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15K61A0319	RT41031	AUTOMOBILE ENGINEERING	28	36	3
15K61A0319	RT41032	CAD / CAM	27	52	3
15K61A0319	RT41033	FINITE ELEMENT METHODS	29	37	3
15K61A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	44	3
15K61A0319	RT41036	NANO TECHNOLOGY	24	44	3
15K61A0319	RT41039	AUTOMATION IN MANUFACTURING	23	59	3
15K61A0319	RT4103L	SIMULATION LAB	18	30	2
15K61A0319	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15K61A0320	RT41031	AUTOMOBILE ENGINEERING	27	51	3
15K61A0320	RT41032	CAD / CAM	12	11	0
15K61A0320	RT41033	FINITE ELEMENT METHODS	22	25	3
15K61A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	50	3
15K61A0320	RT41036	NANO TECHNOLOGY	26	7	0
15K61A0320	RT41039	AUTOMATION IN MANUFACTURING	21	13	0
15K61A0320	RT4103L	SIMULATION LAB	22	47	2
15K61A0320	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0321	RT41031	AUTOMOBILE ENGINEERING	26	46	3
15K61A0321	RT41032	CAD / CAM	22	38	3
15K61A0321	RT41033	FINITE ELEMENT METHODS	21	38	3
15K61A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	58	3
15K61A0321	RT41036	NANO TECHNOLOGY	26	39	3
15K61A0321	RT41039	AUTOMATION IN MANUFACTURING	23	59	3
15K61A0321	RT4103L	SIMULATION LAB	24	47	2
15K61A0321	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15K61A0322	RT41031	AUTOMOBILE ENGINEERING	9	16	0
15K61A0322	RT41032	CAD / CAM	11	10	0
15K61A0322	RT41033	FINITE ELEMENT METHODS	11	6	0
15K61A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	11	0
15K61A0322	RT41036	NANO TECHNOLOGY	17	9	0
15K61A0322	RT41039	AUTOMATION IN MANUFACTURING	13	5	0
15K61A0322	RT4103L	SIMULATION LAB	12	13	0
15K61A0322	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
15K61A0324	RT41031	AUTOMOBILE ENGINEERING	28	37	3
15K61A0324	RT41032	CAD / CAM	20	53	3
15K61A0324	RT41033	FINITE ELEMENT METHODS	24	42	3
15K61A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	51	3
15K61A0324	RT41036	NANO TECHNOLOGY	24	41	3
15K61A0324	RT41039	AUTOMATION IN MANUFACTURING	24	52	3
15K61A0324	RT4103L	SIMULATION LAB	23	44	2
15K61A0324	RT4103M	DESIGN FABRICATION PROJECT	48	0	1

Htno	Subcode	Subname	Internal	External	Credits
15K61A0325	RT41031	AUTOMOBILE ENGINEERING	27	64	3
15K61A0325	RT41032	CAD / CAM	24	32	3
15K61A0325	RT41033	FINITE ELEMENT METHODS	21	35	3
15K61A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	42	3
15K61A0325	RT41036	NANO TECHNOLOGY	27	40	3
15K61A0325	RT41039	AUTOMATION IN MANUFACTURING	22	40	3
15K61A0325	RT4103L	SIMULATION LAB	20	34	2
15K61A0325	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15K61A0326	RT41031	AUTOMOBILE ENGINEERING	27	29	3
15K61A0326	RT41032	CAD / CAM	12	28	3
15K61A0326	RT41033	FINITE ELEMENT METHODS	15	20	0
15K61A0326	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	45	3
15K61A0326	RT41036	NANO TECHNOLOGY	26	24	3
15K61A0326	RT41039	AUTOMATION IN MANUFACTURING	21	47	3
15K61A0326	RT4103L	SIMULATION LAB	20	34	2
15K61A0326	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A0327	RT41031	AUTOMOBILE ENGINEERING	25	38	3
15K61A0327	RT41032	CAD / CAM	12	28	3
15K61A0327	RT41033	FINITE ELEMENT METHODS	17	24	3
15K61A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	24	3
15K61A0327	RT41036	NANO TECHNOLOGY	18	4	0
15K61A0327	RT41039	AUTOMATION IN MANUFACTURING	16	4	0
15K61A0327	RT4103L	SIMULATION LAB	17	30	2
15K61A0327	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A0328	RT41031	AUTOMOBILE ENGINEERING	24	33	3
15K61A0328	RT41032	CAD / CAM	23	47	3
15K61A0328	RT41033	FINITE ELEMENT METHODS	20	30	3
15K61A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	36	3
15K61A0328	RT41036	NANO TECHNOLOGY	22	50	3
15K61A0328	RT41039	AUTOMATION IN MANUFACTURING	27	38	3
15K61A0328	RT4103L	SIMULATION LAB	20	45	2
15K61A0328	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A0329	RT41031	AUTOMOBILE ENGINEERING	21	31	3
15K61A0329	RT41032	CAD / CAM	16	27	3
15K61A0329	RT41033	FINITE ELEMENT METHODS	18	24	3
15K61A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	40	3
15K61A0329	RT41036	NANO TECHNOLOGY	19	26	3
15K61A0329	RT41039	AUTOMATION IN MANUFACTURING	17	41	3
15K61A0329	RT4103L	SIMULATION LAB	17	22	2
15K61A0329	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15K61A0330	RT41031	AUTOMOBILE ENGINEERING	24	32	3
15K61A0330	RT41032	CAD / CAM	17	33	3
15K61A0330	RT41033	FINITE ELEMENT METHODS	17	34	3
15K61A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
15K61A0330	RT41036	NANO TECHNOLOGY	26	31	3
15K61A0330	RT41039	AUTOMATION IN MANUFACTURING	19	47	3
15K61A0330	RT4103L	SIMULATION LAB	18	23	2
15K61A0330	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0331	RT41031	AUTOMOBILE ENGINEERING	22	41	3
15K61A0331	RT41032	CAD / CAM	22	32	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0331	RT41033	FINITE ELEMENT METHODS	14	26	3
15K61A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	24	3
15K61A0331	RT41036	NANO TECHNOLOGY	21	52	3
15K61A0331	RT41039	AUTOMATION IN MANUFACTURING	23	29	3
15K61A0331	RT4103L	SIMULATION LAB	22	45	2
15K61A0331	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0332	RT41031	AUTOMOBILE ENGINEERING	28	33	3
15K61A0332	RT41032	CAD / CAM	26	53	3
15K61A0332	RT41033	FINITE ELEMENT METHODS	24	44	3
15K61A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	46	3
15K61A0332	RT41036	NANO TECHNOLOGY	27	55	3
15K61A0332	RT41039	AUTOMATION IN MANUFACTURING	27	53	3
15K61A0332	RT4103L	SIMULATION LAB	21	47	2
15K61A0332	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A0333	RT41031	AUTOMOBILE ENGINEERING	28	69	3
15K61A0333	RT41032	CAD / CAM	24	38	3
15K61A0333	RT41033	FINITE ELEMENT METHODS	19	34	3
15K61A0333	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	44	3
15K61A0333	RT41036	NANO TECHNOLOGY	25	34	3
15K61A0333	RT41039	AUTOMATION IN MANUFACTURING	22	55	3
15K61A0333	RT4103L	SIMULATION LAB	23	48	2
15K61A0333	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0334	RT41031	AUTOMOBILE ENGINEERING	26	40	3
15K61A0334	RT41032	CAD / CAM	20	41	3
15K61A0334	RT41033	FINITE ELEMENT METHODS	22	41	3
15K61A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	53	3
15K61A0334	RT41036	NANO TECHNOLOGY	26	44	3
15K61A0334	RT41039	AUTOMATION IN MANUFACTURING	24	61	3
15K61A0334	RT4103L	SIMULATION LAB	17	34	2
15K61A0334	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A0335	RT41031	AUTOMOBILE ENGINEERING	22	29	3
15K61A0335	RT41032	CAD / CAM	16	7	0
15K61A0335	RT41033	FINITE ELEMENT METHODS	15	7	0
15K61A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	24	3
15K61A0335	RT41036	NANO TECHNOLOGY	17	24	3
15K61A0335	RT41039	AUTOMATION IN MANUFACTURING	21	9	0
15K61A0335	RT4103L	SIMULATION LAB	17	24	2
15K61A0335	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0336	RT41031	AUTOMOBILE ENGINEERING	23	26	3
15K61A0336	RT41032	CAD / CAM	19	51	3
15K61A0336	RT41033	FINITE ELEMENT METHODS	16	31	3
15K61A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	44	3
15K61A0336	RT41036	NANO TECHNOLOGY	20	53	3
15K61A0336	RT41039	AUTOMATION IN MANUFACTURING	23	57	3
15K61A0336	RT4103L	SIMULATION LAB	18	24	2
15K61A0336	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15K61A0337	RT41031	AUTOMOBILE ENGINEERING	21	40	3
15K61A0337	RT41032	CAD / CAM	14	26	3
15K61A0337	RT41033	FINITE ELEMENT METHODS	11	29	3
15K61A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	36	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0337	RT41036	NANO TECHNOLOGY	20	25	3
15K61A0337	RT41039	AUTOMATION IN MANUFACTURING	16	30	3
15K61A0337	RT4103L	SIMULATION LAB	18	36	2
15K61A0337	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15K61A0343	RT41031	AUTOMOBILE ENGINEERING	20	44	3
15K61A0343	RT41032	CAD / CAM	17	24	3
15K61A0343	RT41033	FINITE ELEMENT METHODS	16	27	3
15K61A0343	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	50	3
15K61A0343	RT41036	NANO TECHNOLOGY	17	30	3
15K61A0343	RT41039	AUTOMATION IN MANUFACTURING	17	53	3
15K61A0343	RT4103L	SIMULATION LAB	14	20	2
15K61A0343	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15K61A0346	RT41031	AUTOMOBILE ENGINEERING	27	49	3
15K61A0346	RT41032	CAD / CAM	19	37	3
15K61A0346	RT41033	FINITE ELEMENT METHODS	18	32	3
15K61A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	37	3
15K61A0346	RT41036	NANO TECHNOLOGY	17	39	3
15K61A0346	RT41039	AUTOMATION IN MANUFACTURING	18	36	3
15K61A0346	RT4103L	SIMULATION LAB	18	30	2
15K61A0346	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0347	RT41031	AUTOMOBILE ENGINEERING	18	28	3
15K61A0347	RT41032	CAD / CAM	10	37	3
15K61A0347	RT41033	FINITE ELEMENT METHODS	11	0	0
15K61A0347	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	30	3
15K61A0347	RT41036	NANO TECHNOLOGY	20	32	3
15K61A0347	RT41039	AUTOMATION IN MANUFACTURING	19	42	3
15K61A0347	RT4103L	SIMULATION LAB	15	14	0
15K61A0347	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A0348	RT41031	AUTOMOBILE ENGINEERING	26	61	3
15K61A0348	RT41032	CAD / CAM	16	33	3
15K61A0348	RT41033	FINITE ELEMENT METHODS	12	39	3
15K61A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	41	3
15K61A0348	RT41036	NANO TECHNOLOGY	23	34	3
15K61A0348	RT41039	AUTOMATION IN MANUFACTURING	23	41	3
15K61A0348	RT4103L	SIMULATION LAB	19	30	2
15K61A0348	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0349	RT41031	AUTOMOBILE ENGINEERING	27	31	3
15K61A0349	RT41032	CAD / CAM	21	32	3
15K61A0349	RT41033	FINITE ELEMENT METHODS	21	27	3
15K61A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	53	3
15K61A0349	RT41036	NANO TECHNOLOGY	28	24	3
15K61A0349	RT41039	AUTOMATION IN MANUFACTURING	23	58	3
15K61A0349	RT4103L	SIMULATION LAB	17	31	2
15K61A0349	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0350	RT41031	AUTOMOBILE ENGINEERING	18	46	3
15K61A0350	RT41032	CAD / CAM	18	26	3
15K61A0350	RT41033	FINITE ELEMENT METHODS	20	30	3
15K61A0350	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	32	3
15K61A0350	RT41036	NANO TECHNOLOGY	17	33	3
15K61A0350	RT41039	AUTOMATION IN MANUFACTURING	21	47	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0350	RT4103L	SIMULATION LAB	21	43	2
15K61A0350	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A0351	RT41031	AUTOMOBILE ENGINEERING	18	24	3
15K61A0351	RT41032	CAD / CAM	18	6	0
15K61A0351	RT41033	FINITE ELEMENT METHODS	16	17	0
15K61A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	35	3
15K61A0351	RT41036	NANO TECHNOLOGY	22	42	3
15K61A0351	RT41039	AUTOMATION IN MANUFACTURING	20	31	3
15K61A0351	RT4103L	SIMULATION LAB	16	14	0
15K61A0351	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
15K61A0352	RT41031	AUTOMOBILE ENGINEERING	26	69	3
15K61A0352	RT41032	CAD / CAM	29	34	3
15K61A0352	RT41033	FINITE ELEMENT METHODS	21	25	3
15K61A0352	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	66	3
15K61A0352	RT41036	NANO TECHNOLOGY	27	33	3
15K61A0352	RT41039	AUTOMATION IN MANUFACTURING	23	53	3
15K61A0352	RT4103L	SIMULATION LAB	22	45	2
15K61A0352	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15K61A0353	RT41031	AUTOMOBILE ENGINEERING	24	24	3
15K61A0353	RT41032	CAD / CAM	20	42	3
15K61A0353	RT41033	FINITE ELEMENT METHODS	21	24	3
15K61A0353	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	43	3
15K61A0353	RT41036	NANO TECHNOLOGY	21	24	3
15K61A0353	RT41039	AUTOMATION IN MANUFACTURING	20	58	3
15K61A0353	RT4103L	SIMULATION LAB	21	45	2
15K61A0353	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0354	RT41031	AUTOMOBILE ENGINEERING	16	37	3
15K61A0354	RT41032	CAD / CAM	12	21	0
15K61A0354	RT41033	FINITE ELEMENT METHODS	7	6	0
15K61A0354	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	29	3
15K61A0354	RT41036	NANO TECHNOLOGY	20	1	0
15K61A0354	RT41039	AUTOMATION IN MANUFACTURING	18	24	3
15K61A0354	RT4103L	SIMULATION LAB	16	12	0
15K61A0354	RT4103M	DESIGN FABRICATION PROJECT	32	0	1
15K61A0355	RT41031	AUTOMOBILE ENGINEERING	24	33	3
15K61A0355	RT41032	CAD / CAM	16	49	3
15K61A0355	RT41033	FINITE ELEMENT METHODS	17	32	3
15K61A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	51	3
15K61A0355	RT41036	NANO TECHNOLOGY	16	46	3
15K61A0355	RT41039	AUTOMATION IN MANUFACTURING	24	62	3
15K61A0355	RT4103L	SIMULATION LAB	16	45	2
15K61A0355	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A0356	RT41031	AUTOMOBILE ENGINEERING	23	7	0
15K61A0356	RT41032	CAD / CAM	19	25	3
15K61A0356	RT41033	FINITE ELEMENT METHODS	10	30	3
15K61A0356	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	43	3
15K61A0356	RT41036	NANO TECHNOLOGY	21	16	0
15K61A0356	RT41039	AUTOMATION IN MANUFACTURING	18	25	3
15K61A0356	RT4103L	SIMULATION LAB	15	22	2
15K61A0356	RT4103M	DESIGN FABRICATION PROJECT	42	0	1



Htno	Subcode	Subname	Internal	External	Credits
15K61A0357	RT41031	AUTOMOBILE ENGINEERING	20	32	3
15K61A0357	RT41032	CAD / CAM	17	33	3
15K61A0357	RT41033	FINITE ELEMENT METHODS	17	36	3
15K61A0357	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	41	3
15K61A0357	RT41036	NANO TECHNOLOGY	18	33	3
15K61A0357	RT41039	AUTOMATION IN MANUFACTURING	21	56	3
15K61A0357	RT4103L	SIMULATION LAB	16	24	2
15K61A0357	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15K61A0358	RT41031	AUTOMOBILE ENGINEERING	23	43	3
15K61A0358	RT41032	CAD / CAM	17	37	3
15K61A0358	RT41033	FINITE ELEMENT METHODS	17	32	3
15K61A0358	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	32	3
15K61A0358	RT41036	NANO TECHNOLOGY	23	44	3
15K61A0358	RT41039	AUTOMATION IN MANUFACTURING	18	32	3
15K61A0358	RT4103L	SIMULATION LAB	19	47	2
15K61A0358	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15K61A0359	RT41031	AUTOMOBILE ENGINEERING	22	10	0
15K61A0359	RT41032	CAD / CAM	10	31	3
15K61A0359	RT41033	FINITE ELEMENT METHODS	17	8	0
15K61A0359	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	29	3
15K61A0359	RT41036	NANO TECHNOLOGY	16	29	3
15K61A0359	RT41039	AUTOMATION IN MANUFACTURING	10	18	0
15K61A0359	RT4103L	SIMULATION LAB	20	21	2
15K61A0359	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15K61A0360	RT41031	AUTOMOBILE ENGINEERING	25	62	3
15K61A0360	RT41032	CAD / CAM	23	32	3
15K61A0360	RT41033	FINITE ELEMENT METHODS	17	34	3
15K61A0360	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	50	3
15K61A0360	RT41036	NANO TECHNOLOGY	26	31	3
15K61A0360	RT41039	AUTOMATION IN MANUFACTURING	22	48	3
15K61A0360	RT4103L	SIMULATION LAB	21	35	2
15K61A0360	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A0361	RT41031	AUTOMOBILE ENGINEERING	20	27	3
15K61A0361	RT41032	CAD / CAM	11	29	3
15K61A0361	RT41033	FINITE ELEMENT METHODS	17	31	3
15K61A0361	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	30	3
15K61A0361	RT41036	NANO TECHNOLOGY	16	16	0
15K61A0361	RT41039	AUTOMATION IN MANUFACTURING	17	52	3
15K61A0361	RT4103L	SIMULATION LAB	22	34	2
15K61A0361	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15K61A0362	RT41031	AUTOMOBILE ENGINEERING	19	41	3
15K61A0362	RT41032	CAD / CAM	16	27	3
15K61A0362	RT41033	FINITE ELEMENT METHODS	17	32	3
15K61A0362	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	36	3
15K61A0362	RT41036	NANO TECHNOLOGY	20	39	3
15K61A0362	RT41039	AUTOMATION IN MANUFACTURING	21	49	3
15K61A0362	RT4103L	SIMULATION LAB	18	33	2
15K61A0362	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15K61A0363	RT41031	AUTOMOBILE ENGINEERING	19	24	3
15K61A0363	RT41032	CAD / CAM	16	18	0

Htno	Subcode	Subname	Internal	External	Credits
15K61A0363	RT41033	FINITE ELEMENT METHODS	15	25	3
15K61A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	35	3
15K61A0363	RT41036	NANO TECHNOLOGY	17	37	3
15K61A0363	RT41039	AUTOMATION IN MANUFACTURING	19	39	3
15K61A0363	RT4103L	SIMULATION LAB	16	28	2
15K61A0363	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0364	RT41031	AUTOMOBILE ENGINEERING	21	47	3
15K61A0364	RT41032	CAD / CAM	12	19	0
15K61A0364	RT41033	FINITE ELEMENT METHODS	16	34	3
15K61A0364	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	47	3
15K61A0364	RT41036	NANO TECHNOLOGY	22	33	3
15K61A0364	RT41039	AUTOMATION IN MANUFACTURING	20	37	3
15K61A0364	RT4103L	SIMULATION LAB	17	33	2
15K61A0364	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0365	RT41031	AUTOMOBILE ENGINEERING	26	30	3
15K61A0365	RT41032	CAD / CAM	19	33	3
15K61A0365	RT41033	FINITE ELEMENT METHODS	20	34	3
15K61A0365	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	48	3
15K61A0365	RT41036	NANO TECHNOLOGY	20	17	0
15K61A0365	RT41039	AUTOMATION IN MANUFACTURING	23	57	3
15K61A0365	RT4103L	SIMULATION LAB	22	42	2
15K61A0365	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15K61A0366	RT41031	AUTOMOBILE ENGINEERING	21	41	3
15K61A0366	RT41032	CAD / CAM	20	31	3
15K61A0366	RT41033	FINITE ELEMENT METHODS	22	13	0
15K61A0366	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	27	3
15K61A0366	RT41036	NANO TECHNOLOGY	19	31	3
15K61A0366	RT41039	AUTOMATION IN MANUFACTURING	22	34	3
15K61A0366	RT4103L	SIMULATION LAB	18	42	2
15K61A0366	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15K61A0367	RT41031	AUTOMOBILE ENGINEERING	17	49	3
15K61A0367	RT41032	CAD / CAM	9	54	3
15K61A0367	RT41033	FINITE ELEMENT METHODS	26	40	3
15K61A0367	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	53	3
15K61A0367	RT41036	NANO TECHNOLOGY	23	47	3
15K61A0367	RT41039	AUTOMATION IN MANUFACTURING	22	52	3
15K61A0367	RT4103L	SIMULATION LAB	23	45	2
15K61A0367	RT4103M	DESIGN FABRICATION PROJECT	20	0	1
15K61A0368	RT41031	AUTOMOBILE ENGINEERING	19	31	3
15K61A0368	RT41032	CAD / CAM	19	36	3
15K61A0368	RT41033	FINITE ELEMENT METHODS	19	36	3
15K61A0368	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	41	3
15K61A0368	RT41036	NANO TECHNOLOGY	17	31	3
15K61A0368	RT41039	AUTOMATION IN MANUFACTURING	19	43	3
15K61A0368	RT4103L	SIMULATION LAB	17	32	2
15K61A0368	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A0369	RT41031	AUTOMOBILE ENGINEERING	23	41	3
15K61A0369	RT41032	CAD / CAM	19	48	3
15K61A0369	RT41033	FINITE ELEMENT METHODS	29	40	3
15K61A0369	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	47	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0369	RT41036	NANO TECHNOLOGY	22	31	3
15K61A0369	RT41039	AUTOMATION IN MANUFACTURING	24	63	3
15K61A0369	RT4103L	SIMULATION LAB	23	45	2
15K61A0369	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A0370	RT41031	AUTOMOBILE ENGINEERING	22	41	3
15K61A0370	RT41032	CAD / CAM	14	26	3
15K61A0370	RT41033	FINITE ELEMENT METHODS	17	34	3
15K61A0370	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	31	3
15K61A0370	RT41036	NANO TECHNOLOGY	14	32	3
15K61A0370	RT41039	AUTOMATION IN MANUFACTURING	21	40	3
15K61A0370	RT4103L	SIMULATION LAB	21	38	2
15K61A0370	RT4103M	DESIGN FABRICATION PROJECT	28	0	1
15K61A0372	RT41031	AUTOMOBILE ENGINEERING	21	18	0
15K61A0372	RT41032	CAD / CAM	11	29	3
15K61A0372	RT41033	FINITE ELEMENT METHODS	15	25	3
15K61A0372	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	32	3
15K61A0372	RT41036	NANO TECHNOLOGY	16	36	3
15K61A0372	RT41039	AUTOMATION IN MANUFACTURING	18	39	3
15K61A0372	RT4103L	SIMULATION LAB	21	27	2
15K61A0372	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0373	RT41031	AUTOMOBILE ENGINEERING	19	54	3
15K61A0373	RT41032	CAD / CAM	16	29	3
15K61A0373	RT41033	FINITE ELEMENT METHODS	17	37	3
15K61A0373	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	37	3
15K61A0373	RT41036	NANO TECHNOLOGY	19	33	3
15K61A0373	RT41039	AUTOMATION IN MANUFACTURING	21	41	3
15K61A0373	RT4103L	SIMULATION LAB	23	36	2
15K61A0373	RT4103M	DESIGN FABRICATION PROJECT	37	0	1
15K61A0374	RT41031	AUTOMOBILE ENGINEERING	23	37	3
15K61A0374	RT41032	CAD / CAM	17	15	0
15K61A0374	RT41033	FINITE ELEMENT METHODS	20	38	3
15K61A0374	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	48	3
15K61A0374	RT41036	NANO TECHNOLOGY	21	31	3
15K61A0374	RT41039	AUTOMATION IN MANUFACTURING	22	61	3
15K61A0374	RT4103L	SIMULATION LAB	21	35	2
15K61A0374	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
15K61A0377	RT41031	AUTOMOBILE ENGINEERING	24	41	3
15K61A0377	RT41032	CAD / CAM	18	56	3
15K61A0377	RT41033	FINITE ELEMENT METHODS	20	24	3
15K61A0377	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	32	3
15K61A0377	RT41036	NANO TECHNOLOGY	18	39	3
15K61A0377	RT41039	AUTOMATION IN MANUFACTURING	19	43	3
15K61A0377	RT4103L	SIMULATION LAB	18	32	2
15K61A0377	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0378	RT41031	AUTOMOBILE ENGINEERING	21	17	0
15K61A0378	RT41032	CAD / CAM	12	11	0
15K61A0378	RT41033	FINITE ELEMENT METHODS	15	30	3
15K61A0378	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	41	3
15K61A0378	RT41036	NANO TECHNOLOGY	23	35	3
15K61A0378	RT41039	AUTOMATION IN MANUFACTURING	22	28	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0378	RT4103L	SIMULATION LAB	18	35	2
15K61A0378	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
15K61A0379	RT41031	AUTOMOBILE ENGINEERING	23	52	3
15K61A0379	RT41032	CAD / CAM	17	50	3
15K61A0379	RT41033	FINITE ELEMENT METHODS	18	34	3
15K61A0379	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	41	3
15K61A0379	RT41036	NANO TECHNOLOGY	21	31	3
15K61A0379	RT41039	AUTOMATION IN MANUFACTURING	16	45	3
15K61A0379	RT4103L	SIMULATION LAB	17	38	2
15K61A0379	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0380	RT41031	AUTOMOBILE ENGINEERING	24	38	3
15K61A0380	RT41032	CAD / CAM	22	45	3
15K61A0380	RT41033	FINITE ELEMENT METHODS	23	38	3
15K61A0380	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	49	3
15K61A0380	RT41036	NANO TECHNOLOGY	24	24	3
15K61A0380	RT41039	AUTOMATION IN MANUFACTURING	25	36	3
15K61A0380	RT4103L	SIMULATION LAB	21	43	2
15K61A0380	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0381	RT41031	AUTOMOBILE ENGINEERING	27	53	3
15K61A0381	RT41032	CAD / CAM	26	34	3
15K61A0381	RT41033	FINITE ELEMENT METHODS	23	48	3
15K61A0381	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	42	3
15K61A0381	RT41036	NANO TECHNOLOGY	27	62	3
15K61A0381	RT41039	AUTOMATION IN MANUFACTURING	26	64	3
15K61A0381	RT4103L	SIMULATION LAB	18	49	2
15K61A0381	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15K61A0382	RT41031	AUTOMOBILE ENGINEERING	22	29	3
15K61A0382	RT41032	CAD / CAM	20	54	3
15K61A0382	RT41033	FINITE ELEMENT METHODS	21	46	3
15K61A0382	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	34	3
15K61A0382	RT41036	NANO TECHNOLOGY	25	44	3
15K61A0382	RT41039	AUTOMATION IN MANUFACTURING	25	34	3
15K61A0382	RT4103L	SIMULATION LAB	24	47	2
15K61A0382	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15K61A0383	RT41031	AUTOMOBILE ENGINEERING	21	55	3
15K61A0383	RT41032	CAD / CAM	24	54	3
15K61A0383	RT41033	FINITE ELEMENT METHODS	19	34	3
15K61A0383	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	47	3
15K61A0383	RT41036	NANO TECHNOLOGY	24	42	3
15K61A0383	RT41039	AUTOMATION IN MANUFACTURING	23	50	3
15K61A0383	RT4103L	SIMULATION LAB	19	36	2
15K61A0383	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0384	RT41031	AUTOMOBILE ENGINEERING	26	51	3
15K61A0384	RT41032	CAD / CAM	19	41	3
15K61A0384	RT41033	FINITE ELEMENT METHODS	17	31	3
15K61A0384	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	42	3
15K61A0384	RT41036	NANO TECHNOLOGY	19	24	3
15K61A0384	RT41039	AUTOMATION IN MANUFACTURING	24	55	3
15K61A0384	RT4103L	SIMULATION LAB	24	35	2
15K61A0384	RT4103M	DESIGN FABRICATION PROJECT	44	0	1

Htno	Subcode	Subname	Internal	External	Credits
15K61A0385	RT41031	AUTOMOBILE ENGINEERING	18	40	3
15K61A0385	RT41032	CAD / CAM	21	30	3
15K61A0385	RT41033	FINITE ELEMENT METHODS	16	24	3
15K61A0385	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	30	3
15K61A0385	RT41036	NANO TECHNOLOGY	24	41	3
15K61A0385	RT41039	AUTOMATION IN MANUFACTURING	20	41	3
15K61A0385	RT4103L	SIMULATION LAB	17	32	2
15K61A0385	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15K61A0386	RT41031	AUTOMOBILE ENGINEERING	23	24	3
15K61A0386	RT41032	CAD / CAM	11	13	0
15K61A0386	RT41033	FINITE ELEMENT METHODS	13	0	0
15K61A0386	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	13	0
15K61A0386	RT41036	NANO TECHNOLOGY	7	5	0
15K61A0386	RT41039	AUTOMATION IN MANUFACTURING	8	40	3
15K61A0386	RT4103L	SIMULATION LAB	17	20	2
15K61A0386	RT4103M	DESIGN FABRICATION PROJECT	27	0	1
15K61A0387	RT41031	AUTOMOBILE ENGINEERING	22	43	3
15K61A0387	RT41032	CAD / CAM	9	10	0
15K61A0387	RT41033	FINITE ELEMENT METHODS	18	6	0
15K61A0387	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	8	0
15K61A0387	RT41036	NANO TECHNOLOGY	9	17	0
15K61A0387	RT41039	AUTOMATION IN MANUFACTURING	14	37	3
15K61A0387	RT4103L	SIMULATION LAB	16	28	2
15K61A0387	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
15K61A0388	RT41031	AUTOMOBILE ENGINEERING	23	26	3
15K61A0388	RT41032	CAD / CAM	16	29	3
15K61A0388	RT41033	FINITE ELEMENT METHODS	16	24	3
15K61A0388	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	24	3
15K61A0388	RT41036	NANO TECHNOLOGY	20	8	0
15K61A0388	RT41039	AUTOMATION IN MANUFACTURING	18	53	3
15K61A0388	RT4103L	SIMULATION LAB	16	26	2
15K61A0388	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A0389	RT41031	AUTOMOBILE ENGINEERING	26	42	3
15K61A0389	RT41032	CAD / CAM	13	31	3
15K61A0389	RT41033	FINITE ELEMENT METHODS	16	9	0
15K61A0389	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	40	3
15K61A0389	RT41036	NANO TECHNOLOGY	20	51	3
15K61A0389	RT41039	AUTOMATION IN MANUFACTURING	25	30	3
15K61A0389	RT4103L	SIMULATION LAB	17	20	2
15K61A0389	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A0390	RT41031	AUTOMOBILE ENGINEERING	21	26	3
15K61A0390	RT41032	CAD / CAM	22	39	3
15K61A0390	RT41033	FINITE ELEMENT METHODS	19	37	3
15K61A0390	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	40	3
15K61A0390	RT41036	NANO TECHNOLOGY	23	40	3
15K61A0390	RT41039	AUTOMATION IN MANUFACTURING	22	41	3
15K61A0390	RT4103L	SIMULATION LAB	19	44	2
15K61A0390	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0391	RT41031	AUTOMOBILE ENGINEERING	22	51	3
15K61A0391	RT41032	CAD / CAM	20	26	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0391	RT41033	FINITE ELEMENT METHODS	20	33	3
15K61A0391	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	24	3
15K61A0391	RT41036	NANO TECHNOLOGY	21	25	3
15K61A0391	RT41039	AUTOMATION IN MANUFACTURING	24	41	3
15K61A0391	RT4103L	SIMULATION LAB	17	33	2
15K61A0391	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15K61A0392	RT41031	AUTOMOBILE ENGINEERING	20	31	3
15K61A0392	RT41032	CAD / CAM	14	29	3
15K61A0392	RT41033	FINITE ELEMENT METHODS	17	24	3
15K61A0392	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	31	3
15K61A0392	RT41036	NANO TECHNOLOGY	20	17	0
15K61A0392	RT41039	AUTOMATION IN MANUFACTURING	15	46	3
15K61A0392	RT4103L	SIMULATION LAB	17	31	2
15K61A0392	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15K61A0393	RT41031	AUTOMOBILE ENGINEERING	27	39	3
15K61A0393	RT41032	CAD / CAM	14	32	3
15K61A0393	RT41033	FINITE ELEMENT METHODS	19	24	3
15K61A0393	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	41	3
15K61A0393	RT41036	NANO TECHNOLOGY	21	43	3
15K61A0393	RT41039	AUTOMATION IN MANUFACTURING	20	40	3
15K61A0393	RT4103L	SIMULATION LAB	18	33	2
15K61A0393	RT4103M	DESIGN FABRICATION PROJECT	32	0	1
15K61A0394	RT41031	AUTOMOBILE ENGINEERING	26	48	3
15K61A0394	RT41032	CAD / CAM	17	39	3
15K61A0394	RT41033	FINITE ELEMENT METHODS	19	42	3
15K61A0394	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	36	3
15K61A0394	RT41036	NANO TECHNOLOGY	21	42	3
15K61A0394	RT41039	AUTOMATION IN MANUFACTURING	23	52	3
15K61A0394	RT4103L	SIMULATION LAB	19	35	2
15K61A0394	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
15K61A0395	RT41031	AUTOMOBILE ENGINEERING	22	62	3
15K61A0395	RT41032	CAD / CAM	22	36	3
15K61A0395	RT41033	FINITE ELEMENT METHODS	19	39	3
15K61A0395	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	42	3
15K61A0395	RT41036	NANO TECHNOLOGY	16	39	3
15K61A0395	RT41039	AUTOMATION IN MANUFACTURING	20	52	3
15K61A0395	RT4103L	SIMULATION LAB	17	42	2
15K61A0395	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15K61A0396	RT41031	AUTOMOBILE ENGINEERING	26	28	3
15K61A0396	RT41032	CAD / CAM	21	33	3
15K61A0396	RT41033	FINITE ELEMENT METHODS	20	40	3
15K61A0396	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	46	3
15K61A0396	RT41036	NANO TECHNOLOGY	23	24	3
15K61A0396	RT41039	AUTOMATION IN MANUFACTURING	23	50	3
15K61A0396	RT4103L	SIMULATION LAB	18	32	2
15K61A0396	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A0397	RT41031	AUTOMOBILE ENGINEERING	18	24	3
15K61A0397	RT41032	CAD / CAM	13	12	0
15K61A0397	RT41033	FINITE ELEMENT METHODS	12	12	0
15K61A0397	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	26	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0397	RT41036	NANO TECHNOLOGY	19	35	3
15K61A0397	RT41039	AUTOMATION IN MANUFACTURING	14	29	3
15K61A0397	RT4103L	SIMULATION LAB	14	26	2
15K61A0397	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A0398	RT41031	AUTOMOBILE ENGINEERING	20	24	3
15K61A0398	RT41032	CAD / CAM	16	51	3
15K61A0398	RT41033	FINITE ELEMENT METHODS	14	37	3
15K61A0398	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	37	3
15K61A0398	RT41036	NANO TECHNOLOGY	16	50	3
15K61A0398	RT41039	AUTOMATION IN MANUFACTURING	17	41	3
15K61A0398	RT4103L	SIMULATION LAB	18	40	2
15K61A0398	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A03A0	RT41031	AUTOMOBILE ENGINEERING	27	56	3
15K61A03A0	RT41032	CAD / CAM	19	36	3
15K61A03A0	RT41033	FINITE ELEMENT METHODS	18	34	3
15K61A03A0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	37	3
15K61A03A0	RT41036	NANO TECHNOLOGY	28	45	3
15K61A03A0	RT41039	AUTOMATION IN MANUFACTURING	23	52	3
15K61A03A0	RT4103L	SIMULATION LAB	18	43	2
15K61A03A0	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15K61A03A2	RT41031	AUTOMOBILE ENGINEERING	11	29	3
15K61A03A2	RT41032	CAD / CAM	13	27	3
15K61A03A2	RT41033	FINITE ELEMENT METHODS	15	25	3
15K61A03A2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	27	3
15K61A03A2	RT41036	NANO TECHNOLOGY	18	20	0
15K61A03A2	RT41039	AUTOMATION IN MANUFACTURING	19	49	3
15K61A03A2	RT4103L	SIMULATION LAB	17	34	2
15K61A03A2	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
15K61A03A3	RT41031	AUTOMOBILE ENGINEERING	21	43	3
15K61A03A3	RT41032	CAD / CAM	16	34	3
15K61A03A3	RT41033	FINITE ELEMENT METHODS	16	6	0
15K61A03A3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	32	3
15K61A03A3	RT41036	NANO TECHNOLOGY	17	26	3
15K61A03A3	RT41039	AUTOMATION IN MANUFACTURING	19	24	3
15K61A03A3	RT4103L	SIMULATION LAB	16	42	2
15K61A03A3	RT4103M	DESIGN FABRICATION PROJECT	20	0	1
15K61A03A4	RT41031	AUTOMOBILE ENGINEERING	22	24	3
15K61A03A4	RT41032	CAD / CAM	20	16	0
15K61A03A4	RT41033	FINITE ELEMENT METHODS	24	24	3
15K61A03A4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	29	3
15K61A03A4	RT41036	NANO TECHNOLOGY	19	39	3
15K61A03A4	RT41039	AUTOMATION IN MANUFACTURING	21	45	3
15K61A03A4	RT4103L	SIMULATION LAB	17	34	2
15K61A03A4	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A03A5	RT41031	AUTOMOBILE ENGINEERING	26	54	3
15K61A03A5	RT41032	CAD / CAM	23	29	3
15K61A03A5	RT41033	FINITE ELEMENT METHODS	24	40	3
15K61A03A5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	32	3
15K61A03A5	RT41036	NANO TECHNOLOGY	25	38	3
15K61A03A5	RT41039	AUTOMATION IN MANUFACTURING	25	53	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03A5	RT4103L	SIMULATION LAB	19	41	2
15K61A03A5	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A03A6	RT41031	AUTOMOBILE ENGINEERING	23	42	3
15K61A03A6	RT41032	CAD / CAM	23	29	3
15K61A03A6	RT41033	FINITE ELEMENT METHODS	21	34	3
15K61A03A6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	48	3
15K61A03A6	RT41036	NANO TECHNOLOGY	24	31	3
15K61A03A6	RT41039	AUTOMATION IN MANUFACTURING	27	52	3
15K61A03A6	RT4103L	SIMULATION LAB	23	45	2
15K61A03A6	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15K61A03A7	RT41031	AUTOMOBILE ENGINEERING	18	28	3
15K61A03A7	RT41032	CAD / CAM	16	24	3
15K61A03A7	RT41033	FINITE ELEMENT METHODS	19	16	0
15K61A03A7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	19	0
15K61A03A7	RT41036	NANO TECHNOLOGY	16	29	3
15K61A03A7	RT41039	AUTOMATION IN MANUFACTURING	18	10	0
15K61A03A7	RT4103L	SIMULATION LAB	17	30	2
15K61A03A7	RT4103M	DESIGN FABRICATION PROJECT	24	0	1
15K61A03A9	RT41031	AUTOMOBILE ENGINEERING	21	32	3
15K61A03A9	RT41032	CAD / CAM	18	15	0
15K61A03A9	RT41033	FINITE ELEMENT METHODS	19	32	3
15K61A03A9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	32	3
15K61A03A9	RT41036	NANO TECHNOLOGY	20	24	3
15K61A03A9	RT41039	AUTOMATION IN MANUFACTURING	22	44	3
15K61A03A9	RT4103L	SIMULATION LAB	18	40	2
15K61A03A9	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A03B0	RT41031	AUTOMOBILE ENGINEERING	27	56	3
15K61A03B0	RT41032	CAD / CAM	21	31	3
15K61A03B0	RT41033	FINITE ELEMENT METHODS	20	34	3
15K61A03B0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	46	3
15K61A03B0	RT41036	NANO TECHNOLOGY	18	44	3
15K61A03B0	RT41039	AUTOMATION IN MANUFACTURING	23	49	3
15K61A03B0	RT4103L	SIMULATION LAB	20	40	2
15K61A03B0	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15K61A03B1	RT41031	AUTOMOBILE ENGINEERING	29	56	3
15K61A03B1	RT41032	CAD / CAM	22	43	3
15K61A03B1	RT41033	FINITE ELEMENT METHODS	27	59	3
15K61A03B1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	49	3
15K61A03B1	RT41036	NANO TECHNOLOGY	26	38	3
15K61A03B1	RT41039	AUTOMATION IN MANUFACTURING	25	65	3
15K61A03B1	RT4103L	SIMULATION LAB	24	49	2
15K61A03B1	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03B2	RT41031	AUTOMOBILE ENGINEERING	20	43	3
15K61A03B2	RT41032	CAD / CAM	14	60	3
15K61A03B2	RT41033	FINITE ELEMENT METHODS	16	31	3
15K61A03B2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	25	3
15K61A03B2	RT41036	NANO TECHNOLOGY	20	40	3
15K61A03B2	RT41039	AUTOMATION IN MANUFACTURING	17	35	3
15K61A03B2	RT4103L	SIMULATION LAB	19	44	2
15K61A03B2	RT4103M	DESIGN FABRICATION PROJECT	20	0	1



Htno	Subcode	Subname	Internal	External	Credits
15K61A03B4	RT41031	AUTOMOBILE ENGINEERING	20	67	3
15K61A03B4	RT41032	CAD / CAM	18	42	3
15K61A03B4	RT41033	FINITE ELEMENT METHODS	22	32	3
15K61A03B4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	32	3
15K61A03B4	RT41036	NANO TECHNOLOGY	24	41	3
15K61A03B4	RT41039	AUTOMATION IN MANUFACTURING	18	37	3
15K61A03B4	RT4103L	SIMULATION LAB	17	30	2
15K61A03B4	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A03B5	RT41031	AUTOMOBILE ENGINEERING	27	41	3
15K61A03B5	RT41032	CAD / CAM	21	64	3
15K61A03B5	RT41033	FINITE ELEMENT METHODS	25	42	3
15K61A03B5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	33	3
15K61A03B5	RT41036	NANO TECHNOLOGY	26	47	3
15K61A03B5	RT41039	AUTOMATION IN MANUFACTURING	23	53	3
15K61A03B5	RT4103L	SIMULATION LAB	18	38	2
15K61A03B5	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A03B6	RT41031	AUTOMOBILE ENGINEERING	25	41	3
15K61A03B6	RT41032	CAD / CAM	18	39	3
15K61A03B6	RT41033	FINITE ELEMENT METHODS	18	40	3
15K61A03B6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	50	3
15K61A03B6	RT41036	NANO TECHNOLOGY	22	33	3
15K61A03B6	RT41039	AUTOMATION IN MANUFACTURING	23	60	3
15K61A03B6	RT4103L	SIMULATION LAB	22	40	2
15K61A03B6	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
15K61A03B7	RT41031	AUTOMOBILE ENGINEERING	18	35	3
15K61A03B7	RT41032	CAD / CAM	15	26	3
15K61A03B7	RT41033	FINITE ELEMENT METHODS	19	9	0
15K61A03B7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	15	0
15K61A03B7	RT41036	NANO TECHNOLOGY	22	36	3
15K61A03B7	RT41039	AUTOMATION IN MANUFACTURING	18	40	3
15K61A03B7	RT4103L	SIMULATION LAB	18	41	2
15K61A03B7	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A03B8	RT41031	AUTOMOBILE ENGINEERING	23	42	3
15K61A03B8	RT41032	CAD / CAM	14	12	0
15K61A03B8	RT41033	FINITE ELEMENT METHODS	13	9	0
15K61A03B8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	11	0
15K61A03B8	RT41036	NANO TECHNOLOGY	13	46	3
15K61A03B8	RT41039	AUTOMATION IN MANUFACTURING	19	33	3
15K61A03B8	RT4103L	SIMULATION LAB	22	34	2
15K61A03B8	RT4103M	DESIGN FABRICATION PROJECT	20	0	1
15K61A03C2	RT41031	AUTOMOBILE ENGINEERING	28	43	3
15K61A03C2	RT41032	CAD / CAM	17	59	3
15K61A03C2	RT41033	FINITE ELEMENT METHODS	19	35	3
15K61A03C2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	45	3
15K61A03C2	RT41036	NANO TECHNOLOGY	21	40	3
15K61A03C2	RT41039	AUTOMATION IN MANUFACTURING	18	49	3
15K61A03C2	RT4103L	SIMULATION LAB	14	21	2
15K61A03C2	RT4103M	DESIGN FABRICATION PROJECT	27	0	1
15K61A03C3	RT41031	AUTOMOBILE ENGINEERING	27	45	3
15K61A03C3	RT41032	CAD / CAM	16	41	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03C3	RT41033	FINITE ELEMENT METHODS	22	58	3
15K61A03C3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	50	3
15K61A03C3	RT41036	NANO TECHNOLOGY	22	34	3
15K61A03C3	RT41039	AUTOMATION IN MANUFACTURING	23	62	3
15K61A03C3	RT4103L	SIMULATION LAB	17	30	2
15K61A03C3	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15K61A03C4	RT41031	AUTOMOBILE ENGINEERING	24	29	3
15K61A03C4	RT41032	CAD / CAM	16	20	0
15K61A03C4	RT41033	FINITE ELEMENT METHODS	20	24	3
15K61A03C4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	34	3
15K61A03C4	RT41036	NANO TECHNOLOGY	22	48	3
15K61A03C4	RT41039	AUTOMATION IN MANUFACTURING	18	7	0
15K61A03C4	RT4103L	SIMULATION LAB	17	39	2
15K61A03C4	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03C7	RT41031	AUTOMOBILE ENGINEERING	19	48	3
15K61A03C7	RT41032	CAD / CAM	22	43	3
15K61A03C7	RT41033	FINITE ELEMENT METHODS	19	51	3
15K61A03C7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	43	3
15K61A03C7	RT41036	NANO TECHNOLOGY	23	40	3
15K61A03C7	RT41039	AUTOMATION IN MANUFACTURING	23	46	3
15K61A03C7	RT4103L	SIMULATION LAB	22	22	2
15K61A03C7	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A03C9	RT41031	AUTOMOBILE ENGINEERING	28	55	3
15K61A03C9	RT41032	CAD / CAM	23	67	3
15K61A03C9	RT41033	FINITE ELEMENT METHODS	23	37	3
15K61A03C9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	56	3
15K61A03C9	RT41036	NANO TECHNOLOGY	26	46	3
15K61A03C9	RT41039	AUTOMATION IN MANUFACTURING	23	48	3
15K61A03C9	RT4103L	SIMULATION LAB	20	38	2
15K61A03C9	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15K61A03D0	RT41031	AUTOMOBILE ENGINEERING	28	43	3
15K61A03D0	RT41032	CAD / CAM	21	53	3
15K61A03D0	RT41033	FINITE ELEMENT METHODS	26	37	3
15K61A03D0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	40	3
15K61A03D0	RT41036	NANO TECHNOLOGY	21	24	3
15K61A03D0	RT41039	AUTOMATION IN MANUFACTURING	21	59	3
15K61A03D0	RT4103L	SIMULATION LAB	19	48	2
15K61A03D0	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
15K61A03D1	RT41031	AUTOMOBILE ENGINEERING	25	40	3
15K61A03D1	RT41032	CAD / CAM	22	48	3
15K61A03D1	RT41033	FINITE ELEMENT METHODS	26	40	3
15K61A03D1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	35	3
15K61A03D1	RT41036	NANO TECHNOLOGY	21	47	3
15K61A03D1	RT41039	AUTOMATION IN MANUFACTURING	22	33	3
15K61A03D1	RT4103L	SIMULATION LAB	19	30	2
15K61A03D1	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A03D2	RT41031	AUTOMOBILE ENGINEERING	11	3	0
15K61A03D2	RT41032	CAD / CAM	10	37	3
15K61A03D2	RT41033	FINITE ELEMENT METHODS	16	12	0
15K61A03D2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	24	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03D2	RT41036	NANO TECHNOLOGY	14	39	3
15K61A03D2	RT41039	AUTOMATION IN MANUFACTURING	17	38	3
15K61A03D2	RT4103L	SIMULATION LAB	9	13	0
15K61A03D2	RT4103M	DESIGN FABRICATION PROJECT	29	0	1
15K61A03D3	RT41031	AUTOMOBILE ENGINEERING	28	46	3
15K61A03D3	RT41032	CAD / CAM	23	57	3
15K61A03D3	RT41033	FINITE ELEMENT METHODS	28	52	3
15K61A03D3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	64	3
15K61A03D3	RT41036	NANO TECHNOLOGY	19	48	3
15K61A03D3	RT41039	AUTOMATION IN MANUFACTURING	23	48	3
15K61A03D3	RT4103L	SIMULATION LAB	21	45	2
15K61A03D3	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15K61A03D4	RT41031	AUTOMOBILE ENGINEERING	24	50	3
15K61A03D4	RT41032	CAD / CAM	22	37	3
15K61A03D4	RT41033	FINITE ELEMENT METHODS	21	49	3
15K61A03D4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	51	3
15K61A03D4	RT41036	NANO TECHNOLOGY	20	31	3
15K61A03D4	RT41039	AUTOMATION IN MANUFACTURING	24	61	3
15K61A03D4	RT4103L	SIMULATION LAB	22	25	2
15K61A03D4	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A03D5	RT41031	AUTOMOBILE ENGINEERING	23	40	3
15K61A03D5	RT41032	CAD / CAM	17	34	3
15K61A03D5	RT41033	FINITE ELEMENT METHODS	16	24	3
15K61A03D5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	34	3
15K61A03D5	RT41036	NANO TECHNOLOGY	19	46	3
15K61A03D5	RT41039	AUTOMATION IN MANUFACTURING	18	54	3
15K61A03D5	RT4103L	SIMULATION LAB	18	22	2
15K61A03D5	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03D6	RT41031	AUTOMOBILE ENGINEERING	26	68	3
15K61A03D6	RT41032	CAD / CAM	24	29	3
15K61A03D6	RT41033	FINITE ELEMENT METHODS	26	52	3
15K61A03D6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	46	3
15K61A03D6	RT41036	NANO TECHNOLOGY	22	44	3
15K61A03D6	RT41039	AUTOMATION IN MANUFACTURING	20	68	3
15K61A03D6	RT4103L	SIMULATION LAB	22	37	2
15K61A03D6	RT4103M	DESIGN FABRICATION PROJECT	47	0	1
15K61A03D7	RT41031	AUTOMOBILE ENGINEERING	26	45	3
15K61A03D7	RT41032	CAD / CAM	23	44	3
15K61A03D7	RT41033	FINITE ELEMENT METHODS	20	17	0
15K61A03D7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	57	3
15K61A03D7	RT41036	NANO TECHNOLOGY	23	47	3
15K61A03D7	RT41039	AUTOMATION IN MANUFACTURING	24	49	3
15K61A03D7	RT4103L	SIMULATION LAB	18	25	2
15K61A03D7	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A03D8	RT41031	AUTOMOBILE ENGINEERING	26	19	0
15K61A03D8	RT41032	CAD / CAM	18	27	3
15K61A03D8	RT41033	FINITE ELEMENT METHODS	22	10	0
15K61A03D8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	7	0
15K61A03D8	RT41036	NANO TECHNOLOGY	22	24	3
15K61A03D8	RT41039	AUTOMATION IN MANUFACTURING	19	31	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03D8	RT4103L	SIMULATION LAB	15	31	2
15K61A03D8	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A03D9	RT41031	AUTOMOBILE ENGINEERING	24	31	3
15K61A03D9	RT41032	CAD / CAM	22	26	3
15K61A03D9	RT41033	FINITE ELEMENT METHODS	26	0	0
15K61A03D9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	28	3
15K61A03D9	RT41036	NANO TECHNOLOGY	23	31	3
15K61A03D9	RT41039	AUTOMATION IN MANUFACTURING	24	32	3
15K61A03D9	RT4103L	SIMULATION LAB	20	35	2
15K61A03D9	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15K61A03E0	RT41031	AUTOMOBILE ENGINEERING	25	33	3
15K61A03E0	RT41032	CAD / CAM	22	17	0
15K61A03E0	RT41033	FINITE ELEMENT METHODS	26	55	3
15K61A03E0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	29	3
15K61A03E0	RT41036	NANO TECHNOLOGY	22	48	3
15K61A03E0	RT41039	AUTOMATION IN MANUFACTURING	22	66	3
15K61A03E0	RT4103L	SIMULATION LAB	21	44	2
15K61A03E0	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15K61A03E1	RT41031	AUTOMOBILE ENGINEERING	27	43	3
15K61A03E1	RT41032	CAD / CAM	18	30	3
15K61A03E1	RT41033	FINITE ELEMENT METHODS	21	34	3
15K61A03E1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	35	3
15K61A03E1	RT41036	NANO TECHNOLOGY	23	40	3
15K61A03E1	RT41039	AUTOMATION IN MANUFACTURING	21	34	3
15K61A03E1	RT4103L	SIMULATION LAB	20	40	2
15K61A03E1	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A03E2	RT41031	AUTOMOBILE ENGINEERING	27	33	3
15K61A03E2	RT41032	CAD / CAM	20	34	3
15K61A03E2	RT41033	FINITE ELEMENT METHODS	19	36	3
15K61A03E2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	47	3
15K61A03E2	RT41036	NANO TECHNOLOGY	17	31	3
15K61A03E2	RT41039	AUTOMATION IN MANUFACTURING	18	53	3
15K61A03E2	RT4103L	SIMULATION LAB	18	27	2
15K61A03E2	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03E3	RT41031	AUTOMOBILE ENGINEERING	27	42	3
15K61A03E3	RT41032	CAD / CAM	18	39	3
15K61A03E3	RT41033	FINITE ELEMENT METHODS	22	42	3
15K61A03E3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	36	3
15K61A03E3	RT41036	NANO TECHNOLOGY	19	46	3
15K61A03E3	RT41039	AUTOMATION IN MANUFACTURING	19	54	3
15K61A03E3	RT4103L	SIMULATION LAB	18	23	2
15K61A03E3	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A03E4	RT41031	AUTOMOBILE ENGINEERING	18	70	3
15K61A03E4	RT41032	CAD / CAM	18	39	3
15K61A03E4	RT41033	FINITE ELEMENT METHODS	21	33	3
15K61A03E4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	35	3
15K61A03E4	RT41036	NANO TECHNOLOGY	17	46	3
15K61A03E4	RT41039	AUTOMATION IN MANUFACTURING	17	41	3
15K61A03E4	RT4103L	SIMULATION LAB	18	28	2
15K61A03E4	RT4103M	DESIGN FABRICATION PROJECT	36	0	1

Htno	Subcode	Subname	Internal	External	Credits
15K61A03E5	RT41031	AUTOMOBILE ENGINEERING	29	35	3
15K61A03E5	RT41032	CAD / CAM	18	59	3
15K61A03E5	RT41033	FINITE ELEMENT METHODS	26	37	3
15K61A03E5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	51	3
15K61A03E5	RT41036	NANO TECHNOLOGY	21	36	3
15K61A03E5	RT41039	AUTOMATION IN MANUFACTURING	22	45	3
15K61A03E5	RT4103L	SIMULATION LAB	20	48	2
15K61A03E5	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A03E6	RT41031	AUTOMOBILE ENGINEERING	21	44	3
15K61A03E6	RT41032	CAD / CAM	22	47	3
15K61A03E6	RT41033	FINITE ELEMENT METHODS	19	39	3
15K61A03E6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	31	3
15K61A03E6	RT41036	NANO TECHNOLOGY	20	34	3
15K61A03E6	RT41039	AUTOMATION IN MANUFACTURING	23	55	3
15K61A03E6	RT4103L	SIMULATION LAB	22	47	2
15K61A03E6	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A03E8	RT41031	AUTOMOBILE ENGINEERING	28	43	3
15K61A03E8	RT41032	CAD / CAM	25	47	3
15K61A03E8	RT41033	FINITE ELEMENT METHODS	27	46	3
15K61A03E8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	44	3
15K61A03E8	RT41036	NANO TECHNOLOGY	27	55	3
15K61A03E8	RT41039	AUTOMATION IN MANUFACTURING	25	51	3
15K61A03E8	RT4103L	SIMULATION LAB	25	49	2
15K61A03E8	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
15K61A03F0	RT41031	AUTOMOBILE ENGINEERING	27	53	3
15K61A03F0	RT41032	CAD / CAM	20	56	3
15K61A03F0	RT41033	FINITE ELEMENT METHODS	20	37	3
15K61A03F0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	42	3
15K61A03F0	RT41036	NANO TECHNOLOGY	24	47	3
15K61A03F0	RT41039	AUTOMATION IN MANUFACTURING	21	37	3
15K61A03F0	RT4103L	SIMULATION LAB	22	45	2
15K61A03F0	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15K61A03F1	RT41031	AUTOMOBILE ENGINEERING	26	35	3
15K61A03F1	RT41032	CAD / CAM	16	50	3
15K61A03F1	RT41033	FINITE ELEMENT METHODS	16	7	0
15K61A03F1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	35	3
15K61A03F1	RT41036	NANO TECHNOLOGY	24	33	3
15K61A03F1	RT41039	AUTOMATION IN MANUFACTURING	17	27	3
15K61A03F1	RT4103L	SIMULATION LAB	12	25	2
15K61A03F1	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03F2	RT41031	AUTOMOBILE ENGINEERING	18	32	3
15K61A03F2	RT41032	CAD / CAM	14	9	0
15K61A03F2	RT41033	FINITE ELEMENT METHODS	15	8	0
15K61A03F2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	42	3
15K61A03F2	RT41036	NANO TECHNOLOGY	17	24	3
15K61A03F2	RT41039	AUTOMATION IN MANUFACTURING	16	48	3
15K61A03F2	RT4103L	SIMULATION LAB	16	13	0
15K61A03F2	RT4103M	DESIGN FABRICATION PROJECT	38	0	1
15K61A03F3	RT41031	AUTOMOBILE ENGINEERING	23	27	3
15K61A03F3	RT41032	CAD / CAM	17	26	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03F3	RT41033	FINITE ELEMENT METHODS	18	17	0
15K61A03F3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	24	3
15K61A03F3	RT41036	NANO TECHNOLOGY	20	15	0
15K61A03F3	RT41039	AUTOMATION IN MANUFACTURING	19	40	3
15K61A03F3	RT4103L	SIMULATION LAB	16	25	2
15K61A03F3	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A03F5	RT41031	AUTOMOBILE ENGINEERING	22	53	3
15K61A03F5	RT41032	CAD / CAM	14	49	3
15K61A03F5	RT41033	FINITE ELEMENT METHODS	15	18	0
15K61A03F5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	39	3
15K61A03F5	RT41036	NANO TECHNOLOGY	19	48	3
15K61A03F5	RT41039	AUTOMATION IN MANUFACTURING	16	33	3
15K61A03F5	RT4103L	SIMULATION LAB	15	22	2
15K61A03F5	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15K61A03F6	RT41031	AUTOMOBILE ENGINEERING	24	28	3
15K61A03F6	RT41032	CAD / CAM	15	30	3
15K61A03F6	RT41033	FINITE ELEMENT METHODS	15	9	0
15K61A03F6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	37	3
15K61A03F6	RT41036	NANO TECHNOLOGY	20	33	3
15K61A03F6	RT41039	AUTOMATION IN MANUFACTURING	16	37	3
15K61A03F6	RT4103L	SIMULATION LAB	17	20	2
15K61A03F6	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A03F7	RT41031	AUTOMOBILE ENGINEERING	24	40	3
15K61A03F7	RT41032	CAD / CAM	23	25	3
15K61A03F7	RT41033	FINITE ELEMENT METHODS	26	44	3
15K61A03F7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	45	3
15K61A03F7	RT41036	NANO TECHNOLOGY	19	34	3
15K61A03F7	RT41039	AUTOMATION IN MANUFACTURING	19	62	3
15K61A03F7	RT4103L	SIMULATION LAB	22	32	2
15K61A03F7	RT4103M	DESIGN FABRICATION PROJECT	36	0	1
15K61A03F8	RT41031	AUTOMOBILE ENGINEERING	21	34	3
15K61A03F8	RT41032	CAD / CAM	12	30	3
15K61A03F8	RT41033	FINITE ELEMENT METHODS	18	11	0
15K61A03F8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	16	0
15K61A03F8	RT41036	NANO TECHNOLOGY	19	27	3
15K61A03F8	RT41039	AUTOMATION IN MANUFACTURING	15	28	3
15K61A03F8	RT4103L	SIMULATION LAB	17	10	0
15K61A03F8	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
15K61A03F9	RT41031	AUTOMOBILE ENGINEERING	27	38	3
15K61A03F9	RT41032	CAD / CAM	23	28	3
15K61A03F9	RT41033	FINITE ELEMENT METHODS	24	40	3
15K61A03F9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	44	3
15K61A03F9	RT41036	NANO TECHNOLOGY	26	50	3
15K61A03F9	RT41039	AUTOMATION IN MANUFACTURING	21	55	3
15K61A03F9	RT4103L	SIMULATION LAB	23	45	2
15K61A03F9	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
15K61A03G1	RT41031	AUTOMOBILE ENGINEERING	26	54	3
15K61A03G1	RT41032	CAD / CAM	17	34	3
15K61A03G1	RT41033	FINITE ELEMENT METHODS	20	40	3
15K61A03G1	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	55	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03G1	RT41036	NANO TECHNOLOGY	21	34	3
15K61A03G1	RT41039	AUTOMATION IN MANUFACTURING	17	35	3
15K61A03G1	RT4103L	SIMULATION LAB	19	20	2
15K61A03G1	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03G2	RT41031	AUTOMOBILE ENGINEERING	19	35	3
15K61A03G2	RT41032	CAD / CAM	15	35	3
15K61A03G2	RT41033	FINITE ELEMENT METHODS	18	10	0
15K61A03G2	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	31	3
15K61A03G2	RT41036	NANO TECHNOLOGY	17	34	3
15K61A03G2	RT41039	AUTOMATION IN MANUFACTURING	21	46	3
15K61A03G2	RT4103L	SIMULATION LAB	17	38	2
15K61A03G2	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03G3	RT41031	AUTOMOBILE ENGINEERING	26	51	3
15K61A03G3	RT41032	CAD / CAM	27	37	3
15K61A03G3	RT41033	FINITE ELEMENT METHODS	26	30	3
15K61A03G3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	37	3
15K61A03G3	RT41036	NANO TECHNOLOGY	25	48	3
15K61A03G3	RT41039	AUTOMATION IN MANUFACTURING	28	59	3
15K61A03G3	RT4103L	SIMULATION LAB	23	46	2
15K61A03G3	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A03G4	RT41031	AUTOMOBILE ENGINEERING	16	7	0
15K61A03G4	RT41032	CAD / CAM	17	17	0
15K61A03G4	RT41033	FINITE ELEMENT METHODS	17	16	0
15K61A03G4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	30	3
15K61A03G4	RT41036	NANO TECHNOLOGY	22	27	3
15K61A03G4	RT41039	AUTOMATION IN MANUFACTURING	19	31	3
15K61A03G4	RT4103L	SIMULATION LAB	18	23	2
15K61A03G4	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
15K61A03G5	RT41031	AUTOMOBILE ENGINEERING	25	46	3
15K61A03G5	RT41032	CAD / CAM	15	5	0
15K61A03G5	RT41033	FINITE ELEMENT METHODS	16	0	0
15K61A03G5	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	46	3
15K61A03G5	RT41036	NANO TECHNOLOGY	20	27	3
15K61A03G5	RT41039	AUTOMATION IN MANUFACTURING	20	36	3
15K61A03G5	RT4103L	SIMULATION LAB	17	22	2
15K61A03G5	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15K61A03G6	RT41031	AUTOMOBILE ENGINEERING	23	30	3
15K61A03G6	RT41032	CAD / CAM	15	0	0
15K61A03G6	RT41033	FINITE ELEMENT METHODS	16	34	3
15K61A03G6	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	48	3
15K61A03G6	RT41036	NANO TECHNOLOGY	20	56	3
15K61A03G6	RT41039	AUTOMATION IN MANUFACTURING	17	8	0
15K61A03G6	RT4103L	SIMULATION LAB	16	22	2
15K61A03G6	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
15K61A03G7	RT41031	AUTOMOBILE ENGINEERING	26	44	3
15K61A03G7	RT41032	CAD / CAM	17	29	3
15K61A03G7	RT41033	FINITE ELEMENT METHODS	25	34	3
15K61A03G7	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	32	3
15K61A03G7	RT41036	NANO TECHNOLOGY	20	41	3
15K61A03G7	RT41039	AUTOMATION IN MANUFACTURING	20	27	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A03G7	RT4103L	SIMULATION LAB	21	24	2
15K61A03G7	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03G8	RT41031	AUTOMOBILE ENGINEERING	22	24	3
15K61A03G8	RT41032	CAD / CAM	14	26	3
15K61A03G8	RT41033	FINITE ELEMENT METHODS	19	16	0
15K61A03G8	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	33	3
15K61A03G8	RT41036	NANO TECHNOLOGY	19	10	0
15K61A03G8	RT41039	AUTOMATION IN MANUFACTURING	19	32	3
15K61A03G8	RT4103L	SIMULATION LAB	20	33	2
15K61A03G8	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
15K61A03G9	RT41031	AUTOMOBILE ENGINEERING	16	52	3
15K61A03G9	RT41032	CAD / CAM	21	31	3
15K61A03G9	RT41033	FINITE ELEMENT METHODS	26	34	3
15K61A03G9	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	49	3
15K61A03G9	RT41036	NANO TECHNOLOGY	24	32	3
15K61A03G9	RT41039	AUTOMATION IN MANUFACTURING	20	55	3
15K61A03G9	RT4103L	SIMULATION LAB	23	40	2
15K61A03G9	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
15K61A03H0	RT41031	AUTOMOBILE ENGINEERING	17	31	3
15K61A03H0	RT41032	CAD / CAM	13	9	0
15K61A03H0	RT41033	FINITE ELEMENT METHODS	14	16	0
15K61A03H0	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	29	3
15K61A03H0	RT41036	NANO TECHNOLOGY	18	47	3
15K61A03H0	RT41039	AUTOMATION IN MANUFACTURING	16	49	3
15K61A03H0	RT4103L	SIMULATION LAB	17	20	2
15K61A03H0	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
15K61A03H3	RT41031	AUTOMOBILE ENGINEERING	25	46	3
15K61A03H3	RT41032	CAD / CAM	18	0	0
15K61A03H3	RT41033	FINITE ELEMENT METHODS	21	34	3
15K61A03H3	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	41	3
15K61A03H3	RT41036	NANO TECHNOLOGY	23	52	3
15K61A03H3	RT41039	AUTOMATION IN MANUFACTURING	21	51	3
15K61A03H3	RT4103L	SIMULATION LAB	21	22	2
15K61A03H3	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A03H4	RT41031	AUTOMOBILE ENGINEERING	18	24	3
15K61A03H4	RT41032	CAD / CAM	16	34	3
15K61A03H4	RT41033	FINITE ELEMENT METHODS	16	18	0
15K61A03H4	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	36	3
15K61A03H4	RT41036	NANO TECHNOLOGY	17	4	0
15K61A03H4	RT41039	AUTOMATION IN MANUFACTURING	18	37	3
15K61A03H4	RT4103L	SIMULATION LAB	19	22	2
15K61A03H4	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
15K61A0401	RT41041	VLSI DESIGN	21	24	3
15K61A0401	RT41042	COMPUTER NETWORKS	23	32	3
15K61A0401	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
15K61A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	30	3
15K61A0401	RT41048	RADAR SYSTEMS	25	54	3
15K61A0401	RT4104A	OPTICAL COMMUNICATION	29	34	3
15K61A0401	RT4104L	V L S I LAB	24	43	2
15K61A0401	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A0402	RT41041	VLSI DESIGN	20	47	3
15K61A0402	RT41042	COMPUTER NETWORKS	18	29	3
15K61A0402	RT41043	DIGITAL IMAGE PROCESSING	22	37	3
15K61A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	42	3
15K61A0402	RT41048	RADAR SYSTEMS	25	52	3
15K61A0402	RT4104A	OPTICAL COMMUNICATION	28	47	3
15K61A0402	RT4104L	V L S I LAB	23	40	2
15K61A0402	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15K61A0403	RT41041	VLSI DESIGN	21	42	3
15K61A0403	RT41042	COMPUTER NETWORKS	17	33	3
15K61A0403	RT41043	DIGITAL IMAGE PROCESSING	29	40	3
15K61A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	49	3
15K61A0403	RT41048	RADAR SYSTEMS	26	44	3
15K61A0403	RT4104A	OPTICAL COMMUNICATION	29	40	3
15K61A0403	RT4104L	V L S I LAB	24	46	2
15K61A0403	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0404	RT41041	VLSI DESIGN	19	37	3
15K61A0404	RT41042	COMPUTER NETWORKS	19	52	3
15K61A0404	RT41043	DIGITAL IMAGE PROCESSING	24	52	3
15K61A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	50	3
15K61A0404	RT41048	RADAR SYSTEMS	27	38	3
15K61A0404	RT4104A	OPTICAL COMMUNICATION	27	43	3
15K61A0404	RT4104L	V L S I LAB	22	41	2
15K61A0404	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15K61A0405	RT41041	VLSI DESIGN	23	32	3
15K61A0405	RT41042	COMPUTER NETWORKS	22	36	3
15K61A0405	RT41043	DIGITAL IMAGE PROCESSING	22	49	3
15K61A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	37	3
15K61A0405	RT41048	RADAR SYSTEMS	24	52	3
15K61A0405	RT4104A	OPTICAL COMMUNICATION	30	37	3
15K61A0405	RT4104L	V L S I LAB	22	41	2
15K61A0405	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A0406	RT41041	VLSI DESIGN	21	47	3
15K61A0406	RT41042	COMPUTER NETWORKS	22	35	3
15K61A0406	RT41043	DIGITAL IMAGE PROCESSING	22	31	3
15K61A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	42	3
15K61A0406	RT41048	RADAR SYSTEMS	21	40	3
15K61A0406	RT4104A	OPTICAL COMMUNICATION	27	48	3
15K61A0406	RT4104L	V L S I LAB	22	45	2
15K61A0406	RT4104M	MICROWAVE ENGINEERING LAB	20	45	2
15K61A0407	RT41041	VLSI DESIGN	21	48	3
15K61A0407	RT41042	COMPUTER NETWORKS	19	45	3
15K61A0407	RT41043	DIGITAL IMAGE PROCESSING	22	47	3
15K61A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	50	3
15K61A0407	RT41048	RADAR SYSTEMS	26	46	3
15K61A0407	RT4104A	OPTICAL COMMUNICATION	25	42	3
15K61A0407	RT4104L	V L S I LAB	23	42	2
15K61A0407	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0408	RT41041	VLSI DESIGN	20	27	3
15K61A0408	RT41042	COMPUTER NETWORKS	19	30	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0408	RT41043	DIGITAL IMAGE PROCESSING	16	15	0
15K61A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	38	3
15K61A0408	RT41048	RADAR SYSTEMS	20	32	3
15K61A0408	RT4104A	OPTICAL COMMUNICATION	27	29	3
15K61A0408	RT4104L	V L S I LAB	19	23	2
15K61A0408	RT4104M	MICROWAVE ENGINEERING LAB	22	23	2
15K61A0409	RT41041	VLSI DESIGN	23	41	3
15K61A0409	RT41042	COMPUTER NETWORKS	23	51	3
15K61A0409	RT41043	DIGITAL IMAGE PROCESSING	21	44	3
15K61A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	44	3
15K61A0409	RT41048	RADAR SYSTEMS	25	60	3
15K61A0409	RT4104A	OPTICAL COMMUNICATION	24	48	3
15K61A0409	RT4104L	V L S I LAB	23	44	2
15K61A0409	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
15K61A0410	RT41041	VLSI DESIGN	19	27	3
15K61A0410	RT41042	COMPUTER NETWORKS	20	32	3
15K61A0410	RT41043	DIGITAL IMAGE PROCESSING	21	38	3
15K61A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	41	3
15K61A0410	RT41048	RADAR SYSTEMS	21	28	3
15K61A0410	RT4104A	OPTICAL COMMUNICATION	24	51	3
15K61A0410	RT4104L	V L S I LAB	20	38	2
15K61A0410	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
15K61A0411	RT41041	VLSI DESIGN	27	56	3
15K61A0411	RT41042	COMPUTER NETWORKS	21	44	3
15K61A0411	RT41043	DIGITAL IMAGE PROCESSING	29	43	3
15K61A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	52	3
15K61A0411	RT41048	RADAR SYSTEMS	27	61	3
15K61A0411	RT4104A	OPTICAL COMMUNICATION	28	54	3
15K61A0411	RT4104L	V L S I LAB	23	48	2
15K61A0411	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15K61A0412	RT41041	VLSI DESIGN	23	44	3
15K61A0412	RT41042	COMPUTER NETWORKS	24	56	3
15K61A0412	RT41043	DIGITAL IMAGE PROCESSING	28	43	3
15K61A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	51	3
15K61A0412	RT41048	RADAR SYSTEMS	28	43	3
15K61A0412	RT4104A	OPTICAL COMMUNICATION	28	50	3
15K61A0412	RT4104L	V L S I LAB	24	49	2
15K61A0412	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A0413	RT41041	VLSI DESIGN	23	27	3
15K61A0413	RT41042	COMPUTER NETWORKS	24	32	3
15K61A0413	RT41043	DIGITAL IMAGE PROCESSING	28	37	3
15K61A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	36	3
15K61A0413	RT41048	RADAR SYSTEMS	23	52	3
15K61A0413	RT4104A	OPTICAL COMMUNICATION	28	47	3
15K61A0413	RT4104L	V L S I LAB	22	40	2
15K61A0413	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A0414	RT41041	VLSI DESIGN	20	28	3
15K61A0414	RT41042	COMPUTER NETWORKS	24	25	3
15K61A0414	RT41043	DIGITAL IMAGE PROCESSING	21	35	3
15K61A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	41	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0414	RT41048	RADAR SYSTEMS	21	36	3
15K61A0414	RT4104A	OPTICAL COMMUNICATION	28	43	3
15K61A0414	RT4104L	V L S I LAB	22	38	2
15K61A0414	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0415	RT41041	VLSI DESIGN	22	53	3
15K61A0415	RT41042	COMPUTER NETWORKS	23	41	3
15K61A0415	RT41043	DIGITAL IMAGE PROCESSING	17	35	3
15K61A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	47	3
15K61A0415	RT41048	RADAR SYSTEMS	20	46	3
15K61A0415	RT4104A	OPTICAL COMMUNICATION	20	42	3
15K61A0415	RT4104L	V L S I LAB	21	39	2
15K61A0415	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0416	RT41041	VLSI DESIGN	23	33	3
15K61A0416	RT41042	COMPUTER NETWORKS	20	36	3
15K61A0416	RT41043	DIGITAL IMAGE PROCESSING	22	17	0
15K61A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	46	3
15K61A0416	RT41048	RADAR SYSTEMS	26	36	3
15K61A0416	RT4104A	OPTICAL COMMUNICATION	27	31	3
15K61A0416	RT4104L	V L S I LAB	24	48	2
15K61A0416	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0417	RT41041	VLSI DESIGN	25	31	3
15K61A0417	RT41042	COMPUTER NETWORKS	21	31	3
15K61A0417	RT41043	DIGITAL IMAGE PROCESSING	20	48	3
15K61A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	40	3
15K61A0417	RT41048	RADAR SYSTEMS	25	52	3
15K61A0417	RT4104A	OPTICAL COMMUNICATION	28	45	3
15K61A0417	RT4104L	V L S I LAB	23	45	2
15K61A0417	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2
15K61A0418	RT41041	VLSI DESIGN	15	30	3
15K61A0418	RT41042	COMPUTER NETWORKS	19	24	3
15K61A0418	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
15K61A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	33	3
15K61A0418	RT41048	RADAR SYSTEMS	17	31	3
15K61A0418	RT4104A	OPTICAL COMMUNICATION	17	32	3
15K61A0418	RT4104L	V L S I LAB	18	27	2
15K61A0418	RT4104M	MICROWAVE ENGINEERING LAB	20	25	2
15K61A0419	RT41041	VLSI DESIGN	20	42	3
15K61A0419	RT41042	COMPUTER NETWORKS	21	51	3
15K61A0419	RT41043	DIGITAL IMAGE PROCESSING	20	53	3
15K61A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	50	3
15K61A0419	RT41048	RADAR SYSTEMS	23	38	3
15K61A0419	RT4104A	OPTICAL COMMUNICATION	23	46	3
15K61A0419	RT4104L	V L S I LAB	22	44	2
15K61A0419	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A0420	RT41041	VLSI DESIGN	22	31	3
15K61A0420	RT41042	COMPUTER NETWORKS	21	36	3
15K61A0420	RT41043	DIGITAL IMAGE PROCESSING	18	16	0
15K61A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	48	3
15K61A0420	RT41048	RADAR SYSTEMS	25	37	3
15K61A0420	RT4104A	OPTICAL COMMUNICATION	30	39	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0420	RT4104L	V L S I LAB	21	40	2
15K61A0420	RT4104M	MICROWAVE ENGINEERING LAB	22	36	2
15K61A0421	RT41041	VLSI DESIGN	16	24	3
15K61A0421	RT41042	COMPUTER NETWORKS	23	37	3
15K61A0421	RT41043	DIGITAL IMAGE PROCESSING	21	37	3
15K61A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	36	3
15K61A0421	RT41048	RADAR SYSTEMS	24	53	3
15K61A0421	RT4104A	OPTICAL COMMUNICATION	26	33	3
15K61A0421	RT4104L	V L S I LAB	19	35	2
15K61A0421	RT4104M	MICROWAVE ENGINEERING LAB	20	34	2
15K61A0422	RT41041	VLSI DESIGN	20	37	3
15K61A0422	RT41042	COMPUTER NETWORKS	23	31	3
15K61A0422	RT41043	DIGITAL IMAGE PROCESSING	20	38	3
15K61A0422	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	41	3
15K61A0422	RT41048	RADAR SYSTEMS	25	36	3
15K61A0422	RT4104A	OPTICAL COMMUNICATION	27	46	3
15K61A0422	RT4104L	V L S I LAB	21	47	2
15K61A0422	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15K61A0423	RT41041	VLSI DESIGN	19	52	3
15K61A0423	RT41042	COMPUTER NETWORKS	21	45	3
15K61A0423	RT41043	DIGITAL IMAGE PROCESSING	21	35	3
15K61A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	51	3
15K61A0423	RT41048	RADAR SYSTEMS	28	39	3
15K61A0423	RT4104A	OPTICAL COMMUNICATION	29	32	3
15K61A0423	RT4104L	V L S I LAB	23	46	2
15K61A0423	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A0424	RT41041	VLSI DESIGN	19	32	3
15K61A0424	RT41042	COMPUTER NETWORKS	21	40	3
15K61A0424	RT41043	DIGITAL IMAGE PROCESSING	23	32	3
15K61A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	45	3
15K61A0424	RT41048	RADAR SYSTEMS	27	37	3
15K61A0424	RT4104A	OPTICAL COMMUNICATION	28	37	3
15K61A0424	RT4104L	V L S I LAB	24	39	2
15K61A0424	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15K61A0425	RT41041	VLSI DESIGN	19	28	3
15K61A0425	RT41042	COMPUTER NETWORKS	21	38	3
15K61A0425	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
15K61A0425	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	30	3
15K61A0425	RT41048	RADAR SYSTEMS	27	43	3
15K61A0425	RT4104A	OPTICAL COMMUNICATION	28	39	3
15K61A0425	RT4104L	V L S I LAB	19	45	2
15K61A0425	RT4104M	MICROWAVE ENGINEERING LAB	21	25	2
15K61A0426	RT41041	VLSI DESIGN	23	46	3
15K61A0426	RT41042	COMPUTER NETWORKS	22	34	3
15K61A0426	RT41043	DIGITAL IMAGE PROCESSING	25	35	3
15K61A0426	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	54	3
15K61A0426	RT41048	RADAR SYSTEMS	27	51	3
15K61A0426	RT4104A	OPTICAL COMMUNICATION	29	46	3
15K61A0426	RT4104L	V L S I LAB	24	48	2
15K61A0426	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0427	RT41041	VLSI DESIGN	23	55	3
15K61A0427	RT41042	COMPUTER NETWORKS	20	43	3
15K61A0427	RT41043	DIGITAL IMAGE PROCESSING	24	53	3
15K61A0427	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	51	3
15K61A0427	RT41048	RADAR SYSTEMS	26	50	3
15K61A0427	RT4104A	OPTICAL COMMUNICATION	28	45	3
15K61A0427	RT4104L	V L S I LAB	24	40	2
15K61A0427	RT4104M	MICROWAVE ENGINEERING LAB	25	46	2
15K61A0428	RT41041	VLSI DESIGN	18	27	3
15K61A0428	RT41042	COMPUTER NETWORKS	18	24	3
15K61A0428	RT41043	DIGITAL IMAGE PROCESSING	13	27	3
15K61A0428	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	34	3
15K61A0428	RT41048	RADAR SYSTEMS	19	24	3
15K61A0428	RT4104A	OPTICAL COMMUNICATION	27	28	3
15K61A0428	RT4104L	V L S I LAB	20	46	2
15K61A0428	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15K61A0429	RT41041	VLSI DESIGN	18	14	0
15K61A0429	RT41042	COMPUTER NETWORKS	15	34	3
15K61A0429	RT41043	DIGITAL IMAGE PROCESSING	18	15	0
15K61A0429	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	31	3
15K61A0429	RT41048	RADAR SYSTEMS	21	43	3
15K61A0429	RT4104A	OPTICAL COMMUNICATION	21	27	3
15K61A0429	RT4104L	V L S I LAB	20	24	2
15K61A0429	RT4104M	MICROWAVE ENGINEERING LAB	21	27	2
15K61A0430	RT41041	VLSI DESIGN	22	34	3
15K61A0430	RT41042	COMPUTER NETWORKS	17	26	3
15K61A0430	RT41043	DIGITAL IMAGE PROCESSING	24	32	3
15K61A0430	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	39	3
15K61A0430	RT41048	RADAR SYSTEMS	24	35	3
15K61A0430	RT4104A	OPTICAL COMMUNICATION	29	31	3
15K61A0430	RT4104L	V L S I LAB	24	44	2
15K61A0430	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15K61A0431	RT41041	VLSI DESIGN	21	53	3
15K61A0431	RT41042	COMPUTER NETWORKS	22	44	3
15K61A0431	RT41043	DIGITAL IMAGE PROCESSING	24	35	3
15K61A0431	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	48	3
15K61A0431	RT41048	RADAR SYSTEMS	25	49	3
15K61A0431	RT4104A	OPTICAL COMMUNICATION	29	46	3
15K61A0431	RT4104L	V L S I LAB	23	40	2
15K61A0431	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15K61A0432	RT41041	VLSI DESIGN	21	52	3
15K61A0432	RT41042	COMPUTER NETWORKS	22	49	3
15K61A0432	RT41043	DIGITAL IMAGE PROCESSING	25	38	3
15K61A0432	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	42	3
15K61A0432	RT41048	RADAR SYSTEMS	24	41	3
15K61A0432	RT4104A	OPTICAL COMMUNICATION	29	44	3
15K61A0432	RT4104L	V L S I LAB	22	45	2
15K61A0432	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A0433	RT41041	VLSI DESIGN	18	31	3
15K61A0433	RT41042	COMPUTER NETWORKS	19	40	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0433	RT41043	DIGITAL IMAGE PROCESSING	16	39	3
15K61A0433	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	38	3
15K61A0433	RT41048	RADAR SYSTEMS	23	53	3
15K61A0433	RT4104A	OPTICAL COMMUNICATION	17	38	3
15K61A0433	RT4104L	V L S I LAB	22	35	2
15K61A0433	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
15K61A0434	RT41041	VLSI DESIGN	22	42	3
15K61A0434	RT41042	COMPUTER NETWORKS	19	25	3
15K61A0434	RT41043	DIGITAL IMAGE PROCESSING	20	25	3
15K61A0434	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	37	3
15K61A0434	RT41048	RADAR SYSTEMS	20	41	3
15K61A0434	RT4104A	OPTICAL COMMUNICATION	27	46	3
15K61A0434	RT4104L	V L S I LAB	22	46	2
15K61A0434	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
15K61A0435	RT41041	VLSI DESIGN	22	52	3
15K61A0435	RT41042	COMPUTER NETWORKS	18	42	3
15K61A0435	RT41043	DIGITAL IMAGE PROCESSING	17	49	3
15K61A0435	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	51	3
15K61A0435	RT41048	RADAR SYSTEMS	27	50	3
15K61A0435	RT4104A	OPTICAL COMMUNICATION	24	40	3
15K61A0435	RT4104L	V L S I LAB	21	44	2
15K61A0435	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A0437	RT41041	VLSI DESIGN	25	43	3
15K61A0437	RT41042	COMPUTER NETWORKS	25	49	3
15K61A0437	RT41043	DIGITAL IMAGE PROCESSING	21	37	3
15K61A0437	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	48	3
15K61A0437	RT41048	RADAR SYSTEMS	29	40	3
15K61A0437	RT4104A	OPTICAL COMMUNICATION	30	44	3
15K61A0437	RT4104L	V L S I LAB	24	46	2
15K61A0437	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15K61A0438	RT41041	VLSI DESIGN	19	31	3
15K61A0438	RT41042	COMPUTER NETWORKS	20	32	3
15K61A0438	RT41043	DIGITAL IMAGE PROCESSING	18	30	3
15K61A0438	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	33	3
15K61A0438	RT41048	RADAR SYSTEMS	24	46	3
15K61A0438	RT4104A	OPTICAL COMMUNICATION	22	24	3
15K61A0438	RT4104L	V L S I LAB	19	32	2
15K61A0438	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A0439	RT41041	VLSI DESIGN	19	28	3
15K61A0439	RT41042	COMPUTER NETWORKS	19	27	3
15K61A0439	RT41043	DIGITAL IMAGE PROCESSING	24	33	3
15K61A0439	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	39	3
15K61A0439	RT41048	RADAR SYSTEMS	26	35	3
15K61A0439	RT4104A	OPTICAL COMMUNICATION	29	32	3
15K61A0439	RT4104L	V L S I LAB	19	35	2
15K61A0439	RT4104M	MICROWAVE ENGINEERING LAB	23	35	2
15K61A0440	RT41041	VLSI DESIGN	20	42	3
15K61A0440	RT41042	COMPUTER NETWORKS	21	33	3
15K61A0440	RT41043	DIGITAL IMAGE PROCESSING	18	34	3
15K61A0440	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	47	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0440	RT41048	RADAR SYSTEMS	24	37	3
15K61A0440	RT4104A	OPTICAL COMMUNICATION	22	32	3
15K61A0440	RT4104L	V L S I LAB	22	44	2
15K61A0440	RT4104M	MICROWAVE ENGINEERING LAB	23	34	2
15K61A0441	RT41041	VLSI DESIGN	21	32	3
15K61A0441	RT41042	COMPUTER NETWORKS	19	37	3
15K61A0441	RT41043	DIGITAL IMAGE PROCESSING	20	33	3
15K61A0441	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	46	3
15K61A0441	RT41048	RADAR SYSTEMS	23	31	3
15K61A0441	RT4104A	OPTICAL COMMUNICATION	26	37	3
15K61A0441	RT4104L	V L S I LAB	22	31	2
15K61A0441	RT4104M	MICROWAVE ENGINEERING LAB	23	32	2
15K61A0442	RT41041	VLSI DESIGN	22	45	3
15K61A0442	RT41042	COMPUTER NETWORKS	22	39	3
15K61A0442	RT41043	DIGITAL IMAGE PROCESSING	23	47	3
15K61A0442	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	39	3
15K61A0442	RT41048	RADAR SYSTEMS	25	49	3
15K61A0442	RT4104A	OPTICAL COMMUNICATION	24	42	3
15K61A0442	RT4104L	V L S I LAB	23	40	2
15K61A0442	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0443	RT41041	VLSI DESIGN	23	42	3
15K61A0443	RT41042	COMPUTER NETWORKS	23	32	3
15K61A0443	RT41043	DIGITAL IMAGE PROCESSING	25	37	3
15K61A0443	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	44	3
15K61A0443	RT41048	RADAR SYSTEMS	29	40	3
15K61A0443	RT4104A	OPTICAL COMMUNICATION	25	49	3
15K61A0443	RT4104L	V L S I LAB	23	40	2
15K61A0443	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15K61A0444	RT41041	VLSI DESIGN	23	47	3
15K61A0444	RT41042	COMPUTER NETWORKS	25	46	3
15K61A0444	RT41043	DIGITAL IMAGE PROCESSING	21	33	3
15K61A0444	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	39	3
15K61A0444	RT41048	RADAR SYSTEMS	23	40	3
15K61A0444	RT4104A	OPTICAL COMMUNICATION	24	36	3
15K61A0444	RT4104L	V L S I LAB	22	44	2
15K61A0444	RT4104M	MICROWAVE ENGINEERING LAB	22	35	2
15K61A0445	RT41041	VLSI DESIGN	22	29	3
15K61A0445	RT41042	COMPUTER NETWORKS	16	30	3
15K61A0445	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15K61A0445	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	53	3
15K61A0445	RT41048	RADAR SYSTEMS	23	27	3
15K61A0445	RT4104A	OPTICAL COMMUNICATION	26	33	3
15K61A0445	RT4104L	V L S I LAB	21	45	2
15K61A0445	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A0446	RT41041	VLSI DESIGN	21	31	3
15K61A0446	RT41042	COMPUTER NETWORKS	19	29	3
15K61A0446	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
15K61A0446	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	36	3
15K61A0446	RT41048	RADAR SYSTEMS	24	54	3
15K61A0446	RT4104A	OPTICAL COMMUNICATION	25	36	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0446	RT4104L	V L S I LAB	23	45	2
15K61A0446	RT4104M	MICROWAVE ENGINEERING LAB	24	45	2
15K61A0447	RT41041	VLSI DESIGN	24	67	3
15K61A0447	RT41042	COMPUTER NETWORKS	24	31	3
15K61A0447	RT41043	DIGITAL IMAGE PROCESSING	26	55	3
15K61A0447	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	54	3
15K61A0447	RT41048	RADAR SYSTEMS	29	62	3
15K61A0447	RT4104A	OPTICAL COMMUNICATION	28	46	3
15K61A0447	RT4104L	V L S I LAB	24	41	2
15K61A0447	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A0448	RT41041	VLSI DESIGN	18	47	3
15K61A0448	RT41042	COMPUTER NETWORKS	24	42	3
15K61A0448	RT41043	DIGITAL IMAGE PROCESSING	18	35	3
15K61A0448	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	44	3
15K61A0448	RT41048	RADAR SYSTEMS	21	43	3
15K61A0448	RT4104A	OPTICAL COMMUNICATION	24	36	3
15K61A0448	RT4104L	V L S I LAB	24	46	2
15K61A0448	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
15K61A0449	RT41041	VLSI DESIGN	16	24	3
15K61A0449	RT41042	COMPUTER NETWORKS	22	26	3
15K61A0449	RT41043	DIGITAL IMAGE PROCESSING	19	16	0
15K61A0449	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	36	3
15K61A0449	RT41048	RADAR SYSTEMS	22	25	3
15K61A0449	RT4104A	OPTICAL COMMUNICATION	23	16	0
15K61A0449	RT4104L	V L S I LAB	20	41	2
15K61A0449	RT4104M	MICROWAVE ENGINEERING LAB	22	25	2
15K61A0450	RT41041	VLSI DESIGN	19	36	3
15K61A0450	RT41042	COMPUTER NETWORKS	18	27	3
15K61A0450	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
15K61A0450	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	34	3
15K61A0450	RT41048	RADAR SYSTEMS	24	36	3
15K61A0450	RT4104A	OPTICAL COMMUNICATION	24	31	3
15K61A0450	RT4104L	V L S I LAB	21	34	2
15K61A0450	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15K61A0451	RT41041	VLSI DESIGN	21	42	3
15K61A0451	RT41042	COMPUTER NETWORKS	20	26	3
15K61A0451	RT41043	DIGITAL IMAGE PROCESSING	21	40	3
15K61A0451	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	35	3
15K61A0451	RT41048	RADAR SYSTEMS	26	46	3
15K61A0451	RT4104A	OPTICAL COMMUNICATION	25	45	3
15K61A0451	RT4104L	V L S I LAB	22	40	2
15K61A0451	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15K61A0452	RT41041	VLSI DESIGN	22	42	3
15K61A0452	RT41042	COMPUTER NETWORKS	23	42	3
15K61A0452	RT41043	DIGITAL IMAGE PROCESSING	22	45	3
15K61A0452	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	42	3
15K61A0452	RT41048	RADAR SYSTEMS	25	39	3
15K61A0452	RT4104A	OPTICAL COMMUNICATION	25	36	3
15K61A0452	RT4104L	V L S I LAB	21	34	2
15K61A0452	RT4104M	MICROWAVE ENGINEERING LAB	22	34	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A0453	RT41041	VLSI DESIGN	21	33	3
15K61A0453	RT41042	COMPUTER NETWORKS	19	31	3
15K61A0453	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15K61A0453	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	45	3
15K61A0453	RT41048	RADAR SYSTEMS	23	40	3
15K61A0453	RT4104A	OPTICAL COMMUNICATION	26	31	3
15K61A0453	RT4104L	V L S I LAB	24	42	2
15K61A0453	RT4104M	MICROWAVE ENGINEERING LAB	25	49	2
15K61A0454	RT41041	VLSI DESIGN	19	25	3
15K61A0454	RT41042	COMPUTER NETWORKS	15	32	3
15K61A0454	RT41043	DIGITAL IMAGE PROCESSING	19	41	3
15K61A0454	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	32	3
15K61A0454	RT41048	RADAR SYSTEMS	21	45	3
15K61A0454	RT4104A	OPTICAL COMMUNICATION	25	45	3
15K61A0454	RT4104L	V L S I LAB	22	34	2
15K61A0454	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A0455	RT41041	VLSI DESIGN	23	42	3
15K61A0455	RT41042	COMPUTER NETWORKS	21	31	3
15K61A0455	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
15K61A0455	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	41	3
15K61A0455	RT41048	RADAR SYSTEMS	26	34	3
15K61A0455	RT4104A	OPTICAL COMMUNICATION	27	47	3
15K61A0455	RT4104L	V L S I LAB	24	46	2
15K61A0455	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A0456	RT41041	VLSI DESIGN	19	47	3
15K61A0456	RT41042	COMPUTER NETWORKS	19	38	3
15K61A0456	RT41043	DIGITAL IMAGE PROCESSING	23	27	3
15K61A0456	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	49	3
15K61A0456	RT41048	RADAR SYSTEMS	25	38	3
15K61A0456	RT4104A	OPTICAL COMMUNICATION	26	32	3
15K61A0456	RT4104L	V L S I LAB	19	38	2
15K61A0456	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A0457	RT41041	VLSI DESIGN	21	36	3
15K61A0457	RT41042	COMPUTER NETWORKS	19	31	3
15K61A0457	RT41043	DIGITAL IMAGE PROCESSING	20	39	3
15K61A0457	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	51	3
15K61A0457	RT41048	RADAR SYSTEMS	23	42	3
15K61A0457	RT4104A	OPTICAL COMMUNICATION	26	37	3
15K61A0457	RT4104L	V L S I LAB	24	47	2
15K61A0457	RT4104M	MICROWAVE ENGINEERING LAB	23	46	2
15K61A0458	RT41041	VLSI DESIGN	16	27	3
15K61A0458	RT41042	COMPUTER NETWORKS	19	36	3
15K61A0458	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
15K61A0458	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	32	3
15K61A0458	RT41048	RADAR SYSTEMS	21	40	3
15K61A0458	RT4104A	OPTICAL COMMUNICATION	17	24	3
15K61A0458	RT4104L	V L S I LAB	21	36	2
15K61A0458	RT4104M	MICROWAVE ENGINEERING LAB	22	30	2
15K61A0459	RT41041	VLSI DESIGN	22	46	3
15K61A0459	RT41042	COMPUTER NETWORKS	21	32	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0459	RT41043	DIGITAL IMAGE PROCESSING	21	39	3
15K61A0459	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	42	3
15K61A0459	RT41048	RADAR SYSTEMS	28	53	3
15K61A0459	RT4104A	OPTICAL COMMUNICATION	28	57	3
15K61A0459	RT4104L	V L S I LAB	22	40	2
15K61A0459	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A0460	RT41041	VLSI DESIGN	18	40	3
15K61A0460	RT41042	COMPUTER NETWORKS	16	33	3
15K61A0460	RT41043	DIGITAL IMAGE PROCESSING	17	29	3
15K61A0460	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	33	3
15K61A0460	RT41048	RADAR SYSTEMS	20	46	3
15K61A0460	RT4104A	OPTICAL COMMUNICATION	21	29	3
15K61A0460	RT4104L	V L S I LAB	19	40	2
15K61A0460	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
15K61A0461	RT41041	VLSI DESIGN	20	30	3
15K61A0461	RT41042	COMPUTER NETWORKS	20	28	3
15K61A0461	RT41043	DIGITAL IMAGE PROCESSING	24	24	3
15K61A0461	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	47	3
15K61A0461	RT41048	RADAR SYSTEMS	29	33	3
15K61A0461	RT4104A	OPTICAL COMMUNICATION	27	29	3
15K61A0461	RT4104L	V L S I LAB	23	41	2
15K61A0461	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
15K61A0462	RT41041	VLSI DESIGN	23	36	3
15K61A0462	RT41042	COMPUTER NETWORKS	20	43	3
15K61A0462	RT41043	DIGITAL IMAGE PROCESSING	23	44	3
15K61A0462	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	39	3
15K61A0462	RT41048	RADAR SYSTEMS	29	55	3
15K61A0462	RT4104A	OPTICAL COMMUNICATION	30	43	3
15K61A0462	RT4104L	V L S I LAB	23	44	2
15K61A0462	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15K61A0463	RT41041	VLSI DESIGN	23	40	3
15K61A0463	RT41042	COMPUTER NETWORKS	20	34	3
15K61A0463	RT41043	DIGITAL IMAGE PROCESSING	25	42	3
15K61A0463	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	44	3
15K61A0463	RT41048	RADAR SYSTEMS	30	45	3
15K61A0463	RT4104A	OPTICAL COMMUNICATION	29	42	3
15K61A0463	RT4104L	V L S I LAB	20	38	2
15K61A0463	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15K61A0464	RT41041	VLSI DESIGN	23	42	3
15K61A0464	RT41042	COMPUTER NETWORKS	23	46	3
15K61A0464	RT41043	DIGITAL IMAGE PROCESSING	22	42	3
15K61A0464	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	49	3
15K61A0464	RT41048	RADAR SYSTEMS	28	46	3
15K61A0464	RT4104A	OPTICAL COMMUNICATION	27	32	3
15K61A0464	RT4104L	V L S I LAB	21	44	2
15K61A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	49	2
15K61A0465	RT41041	VLSI DESIGN	18	37	3
15K61A0465	RT41042	COMPUTER NETWORKS	18	35	3
15K61A0465	RT41043	DIGITAL IMAGE PROCESSING	22	32	3
15K61A0465	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	43	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0465	RT41048	RADAR SYSTEMS	29	40	3
15K61A0465	RT4104A	OPTICAL COMMUNICATION	27	37	3
15K61A0465	RT4104L	V L S I LAB	20	40	2
15K61A0465	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
15K61A0466	RT41041	VLSI DESIGN	21	27	3
15K61A0466	RT41042	COMPUTER NETWORKS	16	25	3
15K61A0466	RT41043	DIGITAL IMAGE PROCESSING	20	38	3
15K61A0466	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	29	3
15K61A0466	RT41048	RADAR SYSTEMS	27	34	3
15K61A0466	RT4104A	OPTICAL COMMUNICATION	23	24	3
15K61A0466	RT4104L	V L S I LAB	23	40	2
15K61A0466	RT4104M	MICROWAVE ENGINEERING LAB	22	25	2
15K61A0467	RT41041	VLSI DESIGN	21	47	3
15K61A0467	RT41042	COMPUTER NETWORKS	23	31	3
15K61A0467	RT41043	DIGITAL IMAGE PROCESSING	25	45	3
15K61A0467	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	39	3
15K61A0467	RT41048	RADAR SYSTEMS	24	51	3
15K61A0467	RT4104A	OPTICAL COMMUNICATION	27	43	3
15K61A0467	RT4104L	V L S I LAB	20	41	2
15K61A0467	RT4104M	MICROWAVE ENGINEERING LAB	22	47	2
15K61A0468	RT41041	VLSI DESIGN	14	10	0
15K61A0468	RT41042	COMPUTER NETWORKS	15	29	3
15K61A0468	RT41043	DIGITAL IMAGE PROCESSING	13	34	3
15K61A0468	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	34	3
15K61A0468	RT41048	RADAR SYSTEMS	19	9	0
15K61A0468	RT4104A	OPTICAL COMMUNICATION	16	13	0
15K61A0468	RT4104L	V L S I LAB	17	34	2
15K61A0468	RT4104M	MICROWAVE ENGINEERING LAB	18	20	2
15K61A0469	RT41041	VLSI DESIGN	20	16	0
15K61A0469	RT41042	COMPUTER NETWORKS	20	24	3
15K61A0469	RT41043	DIGITAL IMAGE PROCESSING	20	17	0
15K61A0469	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	46	3
15K61A0469	RT41048	RADAR SYSTEMS	28	25	3
15K61A0469	RT4104A	OPTICAL COMMUNICATION	30	32	3
15K61A0469	RT4104L	V L S I LAB	22	41	2
15K61A0469	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15K61A0470	RT41041	VLSI DESIGN	21	36	3
15K61A0470	RT41042	COMPUTER NETWORKS	21	28	3
15K61A0470	RT41043	DIGITAL IMAGE PROCESSING	20	37	3
15K61A0470	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	34	3
15K61A0470	RT41048	RADAR SYSTEMS	26	45	3
15K61A0470	RT4104A	OPTICAL COMMUNICATION	29	42	3
15K61A0470	RT4104L	V L S I LAB	22	36	2
15K61A0470	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15K61A0471	RT41041	VLSI DESIGN	21	39	3
15K61A0471	RT41042	COMPUTER NETWORKS	19	36	3
15K61A0471	RT41043	DIGITAL IMAGE PROCESSING	21	39	3
15K61A0471	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	41	3
15K61A0471	RT41048	RADAR SYSTEMS	29	45	3
15K61A0471	RT4104A	OPTICAL COMMUNICATION	30	59	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0471	RT4104L	V L S I LAB	23	38	2
15K61A0471	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A0472	RT41041	VLSI DESIGN	17	36	3
15K61A0472	RT41042	COMPUTER NETWORKS	18	30	3
15K61A0472	RT41043	DIGITAL IMAGE PROCESSING	17	36	3
15K61A0472	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	28	3
15K61A0472	RT41048	RADAR SYSTEMS	20	24	3
15K61A0472	RT4104A	OPTICAL COMMUNICATION	25	29	3
15K61A0472	RT4104L	V L S I LAB	23	40	2
15K61A0472	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
15K61A0473	RT41041	VLSI DESIGN	22	31	3
15K61A0473	RT41042	COMPUTER NETWORKS	19	26	3
15K61A0473	RT41043	DIGITAL IMAGE PROCESSING	24	33	3
15K61A0473	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	42	3
15K61A0473	RT41048	RADAR SYSTEMS	25	32	3
15K61A0473	RT4104A	OPTICAL COMMUNICATION	29	35	3
15K61A0473	RT4104L	V L S I LAB	22	46	2
15K61A0473	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A0474	RT41041	VLSI DESIGN	22	37	3
15K61A0474	RT41042	COMPUTER NETWORKS	19	45	3
15K61A0474	RT41043	DIGITAL IMAGE PROCESSING	25	33	3
15K61A0474	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	40	3
15K61A0474	RT41048	RADAR SYSTEMS	26	51	3
15K61A0474	RT4104A	OPTICAL COMMUNICATION	30	41	3
15K61A0474	RT4104L	V L S I LAB	23	40	2
15K61A0474	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15K61A0475	RT41041	VLSI DESIGN	22	38	3
15K61A0475	RT41042	COMPUTER NETWORKS	23	36	3
15K61A0475	RT41043	DIGITAL IMAGE PROCESSING	25	39	3
15K61A0475	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	46	3
15K61A0475	RT41048	RADAR SYSTEMS	27	47	3
15K61A0475	RT4104A	OPTICAL COMMUNICATION	27	49	3
15K61A0475	RT4104L	V L S I LAB	22	36	2
15K61A0475	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15K61A0476	RT41041	VLSI DESIGN	19	40	3
15K61A0476	RT41042	COMPUTER NETWORKS	19	40	3
15K61A0476	RT41043	DIGITAL IMAGE PROCESSING	20	45	3
15K61A0476	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	48	3
15K61A0476	RT41048	RADAR SYSTEMS	29	51	3
15K61A0476	RT4104A	OPTICAL COMMUNICATION	27	35	3
15K61A0476	RT4104L	V L S I LAB	19	41	2
15K61A0476	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15K61A0477	RT41041	VLSI DESIGN	26	-3	0
15K61A0477	RT41042	COMPUTER NETWORKS	19	-3	0
15K61A0477	RT41043	DIGITAL IMAGE PROCESSING	26	-3	0
15K61A0477	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	-3	0
15K61A0477	RT41048	RADAR SYSTEMS	28	-3	0
15K61A0477	RT4104A	OPTICAL COMMUNICATION	28	-3	0
15K61A0477	RT4104L	V L S I LAB	22	-3	0
15K61A0477	RT4104M	MICROWAVE ENGINEERING LAB	22	-3	0

Htno	Subcode	Subname	Internal	External	Credits
15K61A0478	RT41041	VLSI DESIGN	16	31	3
15K61A0478	RT41042	COMPUTER NETWORKS	16	28	3
15K61A0478	RT41043	DIGITAL IMAGE PROCESSING	18	2	0
15K61A0478	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	15	0
15K61A0478	RT41048	RADAR SYSTEMS	19	8	0
15K61A0478	RT4104A	OPTICAL COMMUNICATION	22	7	0
15K61A0478	RT4104L	V L S I LAB	23	43	2
15K61A0478	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15K61A0479	RT41041	VLSI DESIGN	19	35	3
15K61A0479	RT41042	COMPUTER NETWORKS	20	25	3
15K61A0479	RT41043	DIGITAL IMAGE PROCESSING	16	29	3
15K61A0479	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	24	3
15K61A0479	RT41048	RADAR SYSTEMS	26	25	3
15K61A0479	RT4104A	OPTICAL COMMUNICATION	25	33	3
15K61A0479	RT4104L	V L S I LAB	24	46	2
15K61A0479	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15K61A0480	RT41041	VLSI DESIGN	21	53	3
15K61A0480	RT41042	COMPUTER NETWORKS	23	50	3
15K61A0480	RT41043	DIGITAL IMAGE PROCESSING	21	40	3
15K61A0480	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	46	3
15K61A0480	RT41048	RADAR SYSTEMS	28	46	3
15K61A0480	RT4104A	OPTICAL COMMUNICATION	29	45	3
15K61A0480	RT4104L	V L S I LAB	24	49	2
15K61A0480	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15K61A0481	RT41041	VLSI DESIGN	26	36	3
15K61A0481	RT41042	COMPUTER NETWORKS	19	34	3
15K61A0481	RT41043	DIGITAL IMAGE PROCESSING	24	37	3
15K61A0481	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	49	3
15K61A0481	RT41048	RADAR SYSTEMS	28	31	3
15K61A0481	RT4104A	OPTICAL COMMUNICATION	27	31	3
15K61A0481	RT4104L	V L S I LAB	23	47	2
15K61A0481	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15K61A0482	RT41041	VLSI DESIGN	23	37	3
15K61A0482	RT41042	COMPUTER NETWORKS	23	41	3
15K61A0482	RT41043	DIGITAL IMAGE PROCESSING	21	50	3
15K61A0482	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	38	3
15K61A0482	RT41048	RADAR SYSTEMS	30	54	3
15K61A0482	RT4104A	OPTICAL COMMUNICATION	30	43	3
15K61A0482	RT4104L	V L S I LAB	24	42	2
15K61A0482	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15K61A0483	RT41041	VLSI DESIGN	17	29	3
15K61A0483	RT41042	COMPUTER NETWORKS	18	27	3
15K61A0483	RT41043	DIGITAL IMAGE PROCESSING	18	26	3
15K61A0483	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	10	0
15K61A0483	RT41048	RADAR SYSTEMS	26	30	3
15K61A0483	RT4104A	OPTICAL COMMUNICATION	27	5	0
15K61A0483	RT4104L	V L S I LAB	18	32	2
15K61A0483	RT4104M	MICROWAVE ENGINEERING LAB	19	20	2
15K61A0484	RT41041	VLSI DESIGN	21	53	3
15K61A0484	RT41042	COMPUTER NETWORKS	20	51	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0484	RT41043	DIGITAL IMAGE PROCESSING	22	47	3
15K61A0484	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	52	3
15K61A0484	RT41048	RADAR SYSTEMS	29	45	3
15K61A0484	RT4104A	OPTICAL COMMUNICATION	29	41	3
15K61A0484	RT4104L	V L S I LAB	20	44	2
15K61A0484	RT4104M	MICROWAVE ENGINEERING LAB	24	42	2
15K61A0485	RT41041	VLSI DESIGN	19	31	3
15K61A0485	RT41042	COMPUTER NETWORKS	21	32	3
15K61A0485	RT41043	DIGITAL IMAGE PROCESSING	23	24	3
15K61A0485	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	49	3
15K61A0485	RT41048	RADAR SYSTEMS	29	37	3
15K61A0485	RT4104A	OPTICAL COMMUNICATION	28	35	3
15K61A0485	RT4104L	V L S I LAB	24	48	2
15K61A0485	RT4104M	MICROWAVE ENGINEERING LAB	24	48	2
15K61A0487	RT41041	VLSI DESIGN	14	26	3
15K61A0487	RT41042	COMPUTER NETWORKS	16	25	3
15K61A0487	RT41043	DIGITAL IMAGE PROCESSING	16	24	3
15K61A0487	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	3	0
15K61A0487	RT41048	RADAR SYSTEMS	20	30	3
15K61A0487	RT4104A	OPTICAL COMMUNICATION	24	26	3
15K61A0487	RT4104L	V L S I LAB	17	30	2
15K61A0487	RT4104M	MICROWAVE ENGINEERING LAB	10	22	2
15K61A0488	RT41041	VLSI DESIGN	18	27	3
15K61A0488	RT41042	COMPUTER NETWORKS	19	28	3
15K61A0488	RT41043	DIGITAL IMAGE PROCESSING	20	24	3
15K61A0488	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	11	0
15K61A0488	RT41048	RADAR SYSTEMS	28	24	3
15K61A0488	RT4104A	OPTICAL COMMUNICATION	27	31	3
15K61A0488	RT4104L	V L S I LAB	19	42	2
15K61A0488	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
15K61A0489	RT41041	VLSI DESIGN	16	40	3
15K61A0489	RT41042	COMPUTER NETWORKS	22	34	3
15K61A0489	RT41043	DIGITAL IMAGE PROCESSING	19	28	3
15K61A0489	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	36	3
15K61A0489	RT41048	RADAR SYSTEMS	30	34	3
15K61A0489	RT4104A	OPTICAL COMMUNICATION	27	29	3
15K61A0489	RT4104L	V L S I LAB	22	31	2
15K61A0489	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
15K61A0490	RT41041	VLSI DESIGN	23	33	3
15K61A0490	RT41042	COMPUTER NETWORKS	20	33	3
15K61A0490	RT41043	DIGITAL IMAGE PROCESSING	19	33	3
15K61A0490	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	44	3
15K61A0490	RT41048	RADAR SYSTEMS	28	34	3
15K61A0490	RT4104A	OPTICAL COMMUNICATION	28	39	3
15K61A0490	RT4104L	V L S I LAB	22	42	2
15K61A0490	RT4104M	MICROWAVE ENGINEERING LAB	24	44	2
15K61A0491	RT41041	VLSI DESIGN	17	15	0
15K61A0491	RT41042	COMPUTER NETWORKS	16	36	3
15K61A0491	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
15K61A0491	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	30	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0491	RT41048	RADAR SYSTEMS	27	38	3
15K61A0491	RT4104A	OPTICAL COMMUNICATION	27	29	3
15K61A0491	RT4104L	V L S I LAB	19	36	2
15K61A0491	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15K61A0492	RT41041	VLSI DESIGN	24	47	3
15K61A0492	RT41042	COMPUTER NETWORKS	23	32	3
15K61A0492	RT41043	DIGITAL IMAGE PROCESSING	26	38	3
15K61A0492	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	50	3
15K61A0492	RT41048	RADAR SYSTEMS	28	58	3
15K61A0492	RT4104A	OPTICAL COMMUNICATION	29	53	3
15K61A0492	RT4104L	V L S I LAB	22	49	2
15K61A0492	RT4104M	MICROWAVE ENGINEERING LAB	22	48	2
15K61A0493	RT41041	VLSI DESIGN	27	55	3
15K61A0493	RT41042	COMPUTER NETWORKS	21	47	3
15K61A0493	RT41043	DIGITAL IMAGE PROCESSING	27	55	3
15K61A0493	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	53	3
15K61A0493	RT41048	RADAR SYSTEMS	30	59	3
15K61A0493	RT4104A	OPTICAL COMMUNICATION	28	46	3
15K61A0493	RT4104L	V L S I LAB	24	48	2
15K61A0493	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A0494	RT41041	VLSI DESIGN	14	19	0
15K61A0494	RT41042	COMPUTER NETWORKS	13	17	0
15K61A0494	RT41043	DIGITAL IMAGE PROCESSING	18	3	0
15K61A0494	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	9	0
15K61A0494	RT41048	RADAR SYSTEMS	20	12	0
15K61A0494	RT4104A	OPTICAL COMMUNICATION	23	17	0
15K61A0494	RT4104L	V L S I LAB	19	45	2
15K61A0494	RT4104M	MICROWAVE ENGINEERING LAB	21	37	2
15K61A0495	RT41041	VLSI DESIGN	12	32	3
15K61A0495	RT41042	COMPUTER NETWORKS	16	36	3
15K61A0495	RT41043	DIGITAL IMAGE PROCESSING	17	31	3
15K61A0495	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	36	3
15K61A0495	RT41048	RADAR SYSTEMS	22	41	3
15K61A0495	RT4104A	OPTICAL COMMUNICATION	28	32	3
15K61A0495	RT4104L	V L S I LAB	20	40	2
15K61A0495	RT4104M	MICROWAVE ENGINEERING LAB	22	35	2
15K61A0496	RT41041	VLSI DESIGN	15	25	3
15K61A0496	RT41042	COMPUTER NETWORKS	11	9	0
15K61A0496	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
15K61A0496	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	2	0
15K61A0496	RT41048	RADAR SYSTEMS	8	6	0
15K61A0496	RT4104A	OPTICAL COMMUNICATION	23	0	0
15K61A0496	RT4104L	V L S I LAB	18	20	2
15K61A0496	RT4104M	MICROWAVE ENGINEERING LAB	15	18	2
15K61A0497	RT41041	VLSI DESIGN	25	53	3
15K61A0497	RT41042	COMPUTER NETWORKS	22	47	3
15K61A0497	RT41043	DIGITAL IMAGE PROCESSING	29	49	3
15K61A0497	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	49	3
15K61A0497	RT41048	RADAR SYSTEMS	30	50	3
15K61A0497	RT4104A	OPTICAL COMMUNICATION	30	46	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0497	RT4104L	V L S I LAB	24	47	2
15K61A0497	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15K61A0499	RT41041	VLSI DESIGN	19	29	3
15K61A0499	RT41042	COMPUTER NETWORKS	17	14	0
15K61A0499	RT41043	DIGITAL IMAGE PROCESSING	18	13	0
15K61A0499	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	11	0
15K61A0499	RT41048	RADAR SYSTEMS	26	26	3
15K61A0499	RT4104A	OPTICAL COMMUNICATION	24	29	3
15K61A0499	RT4104L	V L S I LAB	22	43	2
15K61A0499	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
15K61A04A0	RT41041	VLSI DESIGN	24	37	3
15K61A04A0	RT41042	COMPUTER NETWORKS	24	49	3
15K61A04A0	RT41043	DIGITAL IMAGE PROCESSING	26	53	3
15K61A04A0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	39	3
15K61A04A0	RT41048	RADAR SYSTEMS	28	53	3
15K61A04A0	RT4104A	OPTICAL COMMUNICATION	29	46	3
15K61A04A0	RT4104L	V L S I LAB	22	48	2
15K61A04A0	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A04A1	RT41041	VLSI DESIGN	26	48	3
15K61A04A1	RT41042	COMPUTER NETWORKS	21	33	3
15K61A04A1	RT41043	DIGITAL IMAGE PROCESSING	27	38	3
15K61A04A1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	58	3
15K61A04A1	RT41048	RADAR SYSTEMS	28	50	3
15K61A04A1	RT4104A	OPTICAL COMMUNICATION	29	47	3
15K61A04A1	RT4104L	V L S I LAB	24	46	2
15K61A04A1	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
15K61A04A2	RT41041	VLSI DESIGN	19	-3	0
15K61A04A2	RT41042	COMPUTER NETWORKS	15	-3	0
15K61A04A2	RT41043	DIGITAL IMAGE PROCESSING	23	-3	0
15K61A04A2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	-3	0
15K61A04A2	RT41048	RADAR SYSTEMS	26	-3	0
15K61A04A2	RT4104A	OPTICAL COMMUNICATION	28	-3	0
15K61A04A2	RT4104L	V L S I LAB	24	-3	0
15K61A04A2	RT4104M	MICROWAVE ENGINEERING LAB	22	-3	0
15K61A04A3	RT41041	VLSI DESIGN	18	37	3
15K61A04A3	RT41042	COMPUTER NETWORKS	14	33	3
15K61A04A3	RT41043	DIGITAL IMAGE PROCESSING	19	32	3
15K61A04A3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	48	3
15K61A04A3	RT41048	RADAR SYSTEMS	26	31	3
15K61A04A3	RT4104A	OPTICAL COMMUNICATION	27	31	3
15K61A04A3	RT4104L	V L S I LAB	23	44	2
15K61A04A3	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A04A4	RT41041	VLSI DESIGN	22	34	3
15K61A04A4	RT41042	COMPUTER NETWORKS	18	41	3
15K61A04A4	RT41043	DIGITAL IMAGE PROCESSING	24	38	3
15K61A04A4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	30	3
15K61A04A4	RT41048	RADAR SYSTEMS	27	42	3
15K61A04A4	RT4104A	OPTICAL COMMUNICATION	28	37	3
15K61A04A4	RT4104L	V L S I LAB	22	41	2
15K61A04A4	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A04A5	RT41041	VLSI DESIGN	20	42	3
15K61A04A5	RT41042	COMPUTER NETWORKS	17	34	3
15K61A04A5	RT41043	DIGITAL IMAGE PROCESSING	25	40	3
15K61A04A5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	42	3
15K61A04A5	RT41048	RADAR SYSTEMS	29	39	3
15K61A04A5	RT4104A	OPTICAL COMMUNICATION	27	48	3
15K61A04A5	RT4104L	V L S I LAB	21	33	2
15K61A04A5	RT4104M	MICROWAVE ENGINEERING LAB	23	49	2
15K61A04A6	RT41041	VLSI DESIGN	18	29	3
15K61A04A6	RT41042	COMPUTER NETWORKS	17	46	3
15K61A04A6	RT41043	DIGITAL IMAGE PROCESSING	23	39	3
15K61A04A6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	49	3
15K61A04A6	RT41048	RADAR SYSTEMS	29	44	3
15K61A04A6	RT4104A	OPTICAL COMMUNICATION	28	33	3
15K61A04A6	RT4104L	V L S I LAB	23	46	2
15K61A04A6	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
15K61A04A7	RT41041	VLSI DESIGN	22	43	3
15K61A04A7	RT41042	COMPUTER NETWORKS	20	35	3
15K61A04A7	RT41043	DIGITAL IMAGE PROCESSING	28	37	3
15K61A04A7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	46	3
15K61A04A7	RT41048	RADAR SYSTEMS	30	43	3
15K61A04A7	RT4104A	OPTICAL COMMUNICATION	30	38	3
15K61A04A7	RT4104L	V L S I LAB	20	39	2
15K61A04A7	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A04A8	RT41041	VLSI DESIGN	18	34	3
15K61A04A8	RT41042	COMPUTER NETWORKS	19	50	3
15K61A04A8	RT41043	DIGITAL IMAGE PROCESSING	25	45	3
15K61A04A8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	39	3
15K61A04A8	RT41048	RADAR SYSTEMS	28	58	3
15K61A04A8	RT4104A	OPTICAL COMMUNICATION	28	47	3
15K61A04A8	RT4104L	V L S I LAB	24	47	2
15K61A04A8	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
15K61A04A9	RT41041	VLSI DESIGN	19	39	3
15K61A04A9	RT41042	COMPUTER NETWORKS	17	24	3
15K61A04A9	RT41043	DIGITAL IMAGE PROCESSING	18	29	3
15K61A04A9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	45	3
15K61A04A9	RT41048	RADAR SYSTEMS	28	38	3
15K61A04A9	RT4104A	OPTICAL COMMUNICATION	24	50	3
15K61A04A9	RT4104L	V L S I LAB	19	44	2
15K61A04A9	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15K61A04B0	RT41041	VLSI DESIGN	19	36	3
15K61A04B0	RT41042	COMPUTER NETWORKS	14	32	3
15K61A04B0	RT41043	DIGITAL IMAGE PROCESSING	15	29	3
15K61A04B0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	29	3
15K61A04B0	RT41048	RADAR SYSTEMS	26	32	3
15K61A04B0	RT4104A	OPTICAL COMMUNICATION	24	29	3
15K61A04B0	RT4104L	V L S I LAB	20	40	2
15K61A04B0	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A04B1	RT41041	VLSI DESIGN	20	38	3
15K61A04B1	RT41042	COMPUTER NETWORKS	22	39	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A04B1	RT41043	DIGITAL IMAGE PROCESSING	23	34	3
15K61A04B1	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	46	3
15K61A04B1	RT41048	RADAR SYSTEMS	28	36	3
15K61A04B1	RT4104A	OPTICAL COMMUNICATION	28	37	3
15K61A04B1	RT4104L	V L S I LAB	24	46	2
15K61A04B1	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
15K61A04B2	RT41041	VLSI DESIGN	20	24	3
15K61A04B2	RT41042	COMPUTER NETWORKS	19	34	3
15K61A04B2	RT41043	DIGITAL IMAGE PROCESSING	24	32	3
15K61A04B2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	17	24	3
15K61A04B2	RT41048	RADAR SYSTEMS	27	42	3
15K61A04B2	RT4104A	OPTICAL COMMUNICATION	25	27	3
15K61A04B2	RT4104L	V L S I LAB	20	40	2
15K61A04B2	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
15K61A04B3	RT41041	VLSI DESIGN	22	41	3
15K61A04B3	RT41042	COMPUTER NETWORKS	16	26	3
15K61A04B3	RT41043	DIGITAL IMAGE PROCESSING	17	26	3
15K61A04B3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	21	39	3
15K61A04B3	RT41048	RADAR SYSTEMS	25	32	3
15K61A04B3	RT4104A	OPTICAL COMMUNICATION	22	30	3
15K61A04B3	RT4104L	V L S I LAB	21	45	2
15K61A04B3	RT4104M	MICROWAVE ENGINEERING LAB	23	40	2
15K61A04B4	RT41041	VLSI DESIGN	18	40	3
15K61A04B4	RT41042	COMPUTER NETWORKS	15	29	3
15K61A04B4	RT41043	DIGITAL IMAGE PROCESSING	13	35	3
15K61A04B4	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	15	35	3
15K61A04B4	RT41048	RADAR SYSTEMS	26	38	3
15K61A04B4	RT4104A	OPTICAL COMMUNICATION	23	26	3
15K61A04B4	RT4104L	V L S I LAB	23	44	2
15K61A04B4	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A04B5	RT41041	VLSI DESIGN	17	29	3
15K61A04B5	RT41042	COMPUTER NETWORKS	8	10	0
15K61A04B5	RT41043	DIGITAL IMAGE PROCESSING	9	19	0
15K61A04B5	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	13	43	3
15K61A04B5	RT41048	RADAR SYSTEMS	21	14	0
15K61A04B5	RT4104A	OPTICAL COMMUNICATION	19	13	0
15K61A04B5	RT4104L	V L S I LAB	10	46	2
15K61A04B5	RT4104M	MICROWAVE ENGINEERING LAB	13	40	2
15K61A04B6	RT41041	VLSI DESIGN	21	32	3
15K61A04B6	RT41042	COMPUTER NETWORKS	19	55	3
15K61A04B6	RT41043	DIGITAL IMAGE PROCESSING	19	33	3
15K61A04B6	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	36	3
15K61A04B6	RT41048	RADAR SYSTEMS	23	45	3
15K61A04B6	RT4104A	OPTICAL COMMUNICATION	26	38	3
15K61A04B6	RT4104L	V L S I LAB	24	40	2
15K61A04B6	RT4104M	MICROWAVE ENGINEERING LAB	19	43	2
15K61A04B7	RT41041	VLSI DESIGN	24	31	3
15K61A04B7	RT41042	COMPUTER NETWORKS	21	32	3
15K61A04B7	RT41043	DIGITAL IMAGE PROCESSING	25	28	3
15K61A04B7	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	42	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A04B7	RT41048	RADAR SYSTEMS	26	33	3
15K61A04B7	RT4104A	OPTICAL COMMUNICATION	27	29	3
15K61A04B7	RT4104L	V L S I LAB	24	45	2
15K61A04B7	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
15K61A04B8	RT41041	VLSI DESIGN	23	46	3
15K61A04B8	RT41042	COMPUTER NETWORKS	21	42	3
15K61A04B8	RT41043	DIGITAL IMAGE PROCESSING	26	36	3
15K61A04B8	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	50	3
15K61A04B8	RT41048	RADAR SYSTEMS	25	52	3
15K61A04B8	RT4104A	OPTICAL COMMUNICATION	25	45	3
15K61A04B8	RT4104L	V L S I LAB	23	46	2
15K61A04B8	RT4104M	MICROWAVE ENGINEERING LAB	23	48	2
15K61A04B9	RT41041	VLSI DESIGN	18	18	0
15K61A04B9	RT41042	COMPUTER NETWORKS	18	15	0
15K61A04B9	RT41043	DIGITAL IMAGE PROCESSING	22	6	0
15K61A04B9	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	36	3
15K61A04B9	RT41048	RADAR SYSTEMS	27	17	0
15K61A04B9	RT4104A	OPTICAL COMMUNICATION	24	24	3
15K61A04B9	RT4104L	V L S I LAB	20	41	2
15K61A04B9	RT4104M	MICROWAVE ENGINEERING LAB	22	18	2
15K61A04C0	RT41041	VLSI DESIGN	20	29	3
15K61A04C0	RT41042	COMPUTER NETWORKS	22	41	3
15K61A04C0	RT41043	DIGITAL IMAGE PROCESSING	17	38	3
15K61A04C0	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	36	3
15K61A04C0	RT41048	RADAR SYSTEMS	27	49	3
15K61A04C0	RT4104A	OPTICAL COMMUNICATION	20	33	3
15K61A04C0	RT4104L	V L S I LAB	20	45	2
15K61A04C0	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
15K61A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	39	3
15K61A0501	RT41052	UML AND DESIGN PATTERNS	27	56	3
15K61A0501	RT41053	MOBILE COMPUTING	27	40	3
15K61A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	25	41	3
15K61A0501	RT4105B	HADOOP AND BIG DATA	25	58	3
15K61A0501	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15K61A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15K61A0501	RT4105N	SOFTWARE TESTING LAB	25	48	2
15K61A0501	RT4105O	HADOOP AND BIGDATA LAB	25	38	2
15K61A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	35	3
15K61A0502	RT41052	UML AND DESIGN PATTERNS	26	37	3
15K61A0502	RT41053	MOBILE COMPUTING	20	31	3
15K61A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	24	43	3
15K61A0502	RT4105B	HADOOP AND BIG DATA	25	42	3
15K61A0502	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15K61A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15K61A0502	RT4105N	SOFTWARE TESTING LAB	23	48	2
15K61A0502	RT4105O	HADOOP AND BIGDATA LAB	24	39	2
15K61A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	67	3
15K61A0503	RT41052	UML AND DESIGN PATTERNS	29	45	3
15K61A0503	RT41053	MOBILE COMPUTING	23	39	3
15K61A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	24	39	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0503	RT4105B	HADOOP AND BIG DATA	27	39	3
15K61A0503	RT4105L	UML AND DESIGN PATTERNS LAB	24	42	2
15K61A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A0503	RT4105N	SOFTWARE TESTING LAB	24	45	2
15K61A0503	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
15K61A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
15K61A0504	RT41052	UML AND DESIGN PATTERNS	24	28	3
15K61A0504	RT41053	MOBILE COMPUTING	21	39	3
15K61A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	24	35	3
15K61A0504	RT4105B	HADOOP AND BIG DATA	24	30	3
15K61A0504	RT4105L	UML AND DESIGN PATTERNS LAB	22	25	2
15K61A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	37	2
15K61A0504	RT4105N	SOFTWARE TESTING LAB	22	40	2
15K61A0504	RT4105O	HADOOP AND BIGDATA LAB	21	37	2
15K61A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	42	3
15K61A0505	RT41052	UML AND DESIGN PATTERNS	27	45	3
15K61A0505	RT41053	MOBILE COMPUTING	25	42	3
15K61A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	26	40	3
15K61A0505	RT4105B	HADOOP AND BIG DATA	27	62	3
15K61A0505	RT4105L	UML AND DESIGN PATTERNS LAB	22	30	2
15K61A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15K61A0505	RT4105N	SOFTWARE TESTING LAB	22	41	2
15K61A0505	RT4105O	HADOOP AND BIGDATA LAB	23	38	2
15K61A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
15K61A0506	RT41052	UML AND DESIGN PATTERNS	21	26	3
15K61A0506	RT41053	MOBILE COMPUTING	23	28	3
15K61A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	21	44	3
15K61A0506	RT4105B	HADOOP AND BIG DATA	25	49	3
15K61A0506	RT4105L	UML AND DESIGN PATTERNS LAB	19	33	2
15K61A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	15	22	2
15K61A0506	RT4105N	SOFTWARE TESTING LAB	20	44	2
15K61A0506	RT4105O	HADOOP AND BIGDATA LAB	23	39	2
15K61A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	58	3
15K61A0507	RT41052	UML AND DESIGN PATTERNS	27	45	3
15K61A0507	RT41053	MOBILE COMPUTING	23	31	3
15K61A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	24	32	3
15K61A0507	RT4105B	HADOOP AND BIG DATA	27	40	3
15K61A0507	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15K61A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15K61A0507	RT4105N	SOFTWARE TESTING LAB	23	45	2
15K61A0507	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15K61A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	35	3
15K61A0508	RT41052	UML AND DESIGN PATTERNS	24	37	3
15K61A0508	RT41053	MOBILE COMPUTING	23	39	3
15K61A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	26	28	3
15K61A0508	RT4105B	HADOOP AND BIG DATA	27	32	3
15K61A0508	RT4105L	UML AND DESIGN PATTERNS LAB	23	39	2
15K61A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15K61A0508	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0508	RT4105O	HADOOP AND BIGDATA LAB	20	39	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	6	0
15K61A0509	RT41052	UML AND DESIGN PATTERNS	14	27	3
15K61A0509	RT41053	MOBILE COMPUTING	17	27	3
15K61A0509	RT41054	SOFTWARE TESTING METHODOLOGIES	19	16	0
15K61A0509	RT4105B	HADOOP AND BIG DATA	15	19	0
15K61A0509	RT4105L	UML AND DESIGN PATTERNS LAB	19	18	2
15K61A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	20	2
15K61A0509	RT4105N	SOFTWARE TESTING LAB	21	38	2
15K61A0509	RT4105O	HADOOP AND BIGDATA LAB	17	36	2
15K61A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	37	3
15K61A0510	RT41052	UML AND DESIGN PATTERNS	22	32	3
15K61A0510	RT41053	MOBILE COMPUTING	22	28	3
15K61A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	17	37	3
15K61A0510	RT4105B	HADOOP AND BIG DATA	20	37	3
15K61A0510	RT4105L	UML AND DESIGN PATTERNS LAB	17	20	2
15K61A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	20	2
15K61A0510	RT4105N	SOFTWARE TESTING LAB	22	40	2
15K61A0510	RT4105O	HADOOP AND BIGDATA LAB	19	39	2
15K61A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
15K61A0512	RT41052	UML AND DESIGN PATTERNS	22	44	3
15K61A0512	RT41053	MOBILE COMPUTING	25	36	3
15K61A0512	RT41054	SOFTWARE TESTING METHODOLOGIES	24	33	3
15K61A0512	RT4105B	HADOOP AND BIG DATA	21	30	3
15K61A0512	RT4105L	UML AND DESIGN PATTERNS LAB	21	26	2
15K61A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	28	2
15K61A0512	RT4105N	SOFTWARE TESTING LAB	22	40	2
15K61A0512	RT4105O	HADOOP AND BIGDATA LAB	20	36	2
15K61A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	35	3
15K61A0513	RT41052	UML AND DESIGN PATTERNS	18	24	3
15K61A0513	RT41053	MOBILE COMPUTING	19	38	3
15K61A0513	RT41054	SOFTWARE TESTING METHODOLOGIES	19	29	3
15K61A0513	RT4105B	HADOOP AND BIG DATA	16	32	3
15K61A0513	RT4105L	UML AND DESIGN PATTERNS LAB	18	23	2
15K61A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	19	2
15K61A0513	RT4105N	SOFTWARE TESTING LAB	21	40	2
15K61A0513	RT4105O	HADOOP AND BIGDATA LAB	17	37	2
15K61A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	38	3
15K61A0514	RT41052	UML AND DESIGN PATTERNS	22	53	3
15K61A0514	RT41053	MOBILE COMPUTING	26	44	3
15K61A0514	RT41054	SOFTWARE TESTING METHODOLOGIES	23	45	3
15K61A0514	RT4105B	HADOOP AND BIG DATA	26	61	3
15K61A0514	RT4105L	UML AND DESIGN PATTERNS LAB	21	22	2
15K61A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	44	2
15K61A0514	RT4105N	SOFTWARE TESTING LAB	22	45	2
15K61A0514	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15K61A0515	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	69	3
15K61A0515	RT41052	UML AND DESIGN PATTERNS	29	47	3
15K61A0515	RT41053	MOBILE COMPUTING	28	51	3
15K61A0515	RT41054	SOFTWARE TESTING METHODOLOGIES	28	54	3
15K61A0515	RT4105B	HADOOP AND BIG DATA	29	61	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0515	RT4105L	UML AND DESIGN PATTERNS LAB	25	49	2
15K61A0515	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15K61A0515	RT4105N	SOFTWARE TESTING LAB	25	50	2
15K61A0515	RT4105O	HADOOP AND BIGDATA LAB	24	38	2
15K61A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	65	3
15K61A0516	RT41052	UML AND DESIGN PATTERNS	28	45	3
15K61A0516	RT41053	MOBILE COMPUTING	29	50	3
15K61A0516	RT41054	SOFTWARE TESTING METHODOLOGIES	27	39	3
15K61A0516	RT4105B	HADOOP AND BIG DATA	27	43	3
15K61A0516	RT4105L	UML AND DESIGN PATTERNS LAB	23	42	2
15K61A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15K61A0516	RT4105N	SOFTWARE TESTING LAB	25	47	2
15K61A0516	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15K61A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15K61A0517	RT41052	UML AND DESIGN PATTERNS	27	36	3
15K61A0517	RT41053	MOBILE COMPUTING	25	41	3
15K61A0517	RT41054	SOFTWARE TESTING METHODOLOGIES	23	34	3
15K61A0517	RT4105B	HADOOP AND BIG DATA	24	35	3
15K61A0517	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15K61A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15K61A0517	RT4105N	SOFTWARE TESTING LAB	23	43	2
15K61A0517	RT4105O	HADOOP AND BIGDATA LAB	22	46	2
15K61A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	10	24	0
15K61A0518	RT41052	UML AND DESIGN PATTERNS	16	16	0
15K61A0518	RT41053	MOBILE COMPUTING	16	21	0
15K61A0518	RT41054	SOFTWARE TESTING METHODOLOGIES	12	15	0
15K61A0518	RT4105B	HADOOP AND BIG DATA	16	4	0
15K61A0518	RT4105L	UML AND DESIGN PATTERNS LAB	17	18	2
15K61A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	14	30	2
15K61A0518	RT4105N	SOFTWARE TESTING LAB	19	33	2
15K61A0518	RT4105O	HADOOP AND BIGDATA LAB	15	38	2
15K61A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	47	3
15K61A0519	RT41052	UML AND DESIGN PATTERNS	22	39	3
15K61A0519	RT41053	MOBILE COMPUTING	24	31	3
15K61A0519	RT41054	SOFTWARE TESTING METHODOLOGIES	24	38	3
15K61A0519	RT4105B	HADOOP AND BIG DATA	27	43	3
15K61A0519	RT4105L	UML AND DESIGN PATTERNS LAB	21	40	2
15K61A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15K61A0519	RT4105N	SOFTWARE TESTING LAB	22	41	2
15K61A0519	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
15K61A0520	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	54	3
15K61A0520	RT41052	UML AND DESIGN PATTERNS	23	47	3
15K61A0520	RT41053	MOBILE COMPUTING	24	47	3
15K61A0520	RT41054	SOFTWARE TESTING METHODOLOGIES	24	40	3
15K61A0520	RT4105B	HADOOP AND BIG DATA	24	40	3
15K61A0520	RT4105L	UML AND DESIGN PATTERNS LAB	22	41	2
15K61A0520	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15K61A0520	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0520	RT4105O	HADOOP AND BIGDATA LAB	20	47	2
15K61A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	37	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0521	RT41052	UML AND DESIGN PATTERNS	19	29	3
15K61A0521	RT41053	MOBILE COMPUTING	21	41	3
15K61A0521	RT41054	SOFTWARE TESTING METHODOLOGIES	21	33	3
15K61A0521	RT4105B	HADOOP AND BIG DATA	25	31	3
15K61A0521	RT4105L	UML AND DESIGN PATTERNS LAB	18	30	2
15K61A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	41	2
15K61A0521	RT4105N	SOFTWARE TESTING LAB	20	39	2
15K61A0521	RT4105O	HADOOP AND BIGDATA LAB	17	37	2
15K61A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	36	3
15K61A0522	RT41052	UML AND DESIGN PATTERNS	23	51	3
15K61A0522	RT41053	MOBILE COMPUTING	20	36	3
15K61A0522	RT41054	SOFTWARE TESTING METHODOLOGIES	25	39	3
15K61A0522	RT4105B	HADOOP AND BIG DATA	23	40	3
15K61A0522	RT4105L	UML AND DESIGN PATTERNS LAB	23	36	2
15K61A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	26	2
15K61A0522	RT4105N	SOFTWARE TESTING LAB	21	38	2
15K61A0522	RT4105O	HADOOP AND BIGDATA LAB	22	39	2
15K61A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	33	3
15K61A0523	RT41052	UML AND DESIGN PATTERNS	22	31	3
15K61A0523	RT41053	MOBILE COMPUTING	23	34	3
15K61A0523	RT41054	SOFTWARE TESTING METHODOLOGIES	20	43	3
15K61A0523	RT4105B	HADOOP AND BIG DATA	24	33	3
15K61A0523	RT4105L	UML AND DESIGN PATTERNS LAB	20	32	2
15K61A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	41	2
15K61A0523	RT4105N	SOFTWARE TESTING LAB	23	48	2
15K61A0523	RT4105O	HADOOP AND BIGDATA LAB	22	41	2
15K61A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	53	3
15K61A0524	RT41052	UML AND DESIGN PATTERNS	24	36	3
15K61A0524	RT41053	MOBILE COMPUTING	23	43	3
15K61A0524	RT41054	SOFTWARE TESTING METHODOLOGIES	21	35	3
15K61A0524	RT4105B	HADOOP AND BIG DATA	27	40	3
15K61A0524	RT4105L	UML AND DESIGN PATTERNS LAB	20	43	2
15K61A0524	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	44	2
15K61A0524	RT4105N	SOFTWARE TESTING LAB	22	43	2
15K61A0524	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15K61A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	35	3
15K61A0525	RT41052	UML AND DESIGN PATTERNS	24	33	3
15K61A0525	RT41053	MOBILE COMPUTING	27	40	3
15K61A0525	RT41054	SOFTWARE TESTING METHODOLOGIES	19	35	3
15K61A0525	RT4105B	HADOOP AND BIG DATA	25	37	3
15K61A0525	RT4105L	UML AND DESIGN PATTERNS LAB	21	31	2
15K61A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	41	2
15K61A0525	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0525	RT4105O	HADOOP AND BIGDATA LAB	21	38	2
15K61A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	37	3
15K61A0526	RT41052	UML AND DESIGN PATTERNS	23	46	3
15K61A0526	RT41053	MOBILE COMPUTING	19	43	3
15K61A0526	RT41054	SOFTWARE TESTING METHODOLOGIES	24	44	3
15K61A0526	RT4105B	HADOOP AND BIG DATA	23	53	3
15K61A0526	RT4105L	UML AND DESIGN PATTERNS LAB	22	39	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15K61A0526	RT4105N	SOFTWARE TESTING LAB	22	44	2
15K61A0526	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15K61A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	35	3
15K61A0527	RT41052	UML AND DESIGN PATTERNS	22	24	3
15K61A0527	RT41053	MOBILE COMPUTING	19	27	3
15K61A0527	RT41054	SOFTWARE TESTING METHODOLOGIES	22	42	3
15K61A0527	RT4105B	HADOOP AND BIG DATA	20	33	3
15K61A0527	RT4105L	UML AND DESIGN PATTERNS LAB	20	27	2
15K61A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	41	2
15K61A0527	RT4105N	SOFTWARE TESTING LAB	23	38	2
15K61A0527	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15K61A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	53	3
15K61A0528	RT41052	UML AND DESIGN PATTERNS	27	36	3
15K61A0528	RT41053	MOBILE COMPUTING	21	45	3
15K61A0528	RT41054	SOFTWARE TESTING METHODOLOGIES	24	39	3
15K61A0528	RT4105B	HADOOP AND BIG DATA	25	34	3
15K61A0528	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15K61A0528	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	49	2
15K61A0528	RT4105N	SOFTWARE TESTING LAB	24	45	2
15K61A0528	RT4105O	HADOOP AND BIGDATA LAB	24	39	2
15K61A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	31	3
15K61A0529	RT41052	UML AND DESIGN PATTERNS	24	28	3
15K61A0529	RT41053	MOBILE COMPUTING	20	29	3
15K61A0529	RT41054	SOFTWARE TESTING METHODOLOGIES	22	33	3
15K61A0529	RT4105B	HADOOP AND BIG DATA	20	32	3
15K61A0529	RT4105L	UML AND DESIGN PATTERNS LAB	22	39	2
15K61A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A0529	RT4105N	SOFTWARE TESTING LAB	23	48	2
15K61A0529	RT4105O	HADOOP AND BIGDATA LAB	22	38	2
15K61A0530	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15K61A0530	RT41052	UML AND DESIGN PATTERNS	25	46	3
15K61A0530	RT41053	MOBILE COMPUTING	22	27	3
15K61A0530	RT41054	SOFTWARE TESTING METHODOLOGIES	24	25	3
15K61A0530	RT4105B	HADOOP AND BIG DATA	25	48	3
15K61A0530	RT4105L	UML AND DESIGN PATTERNS LAB	18	40	2
15K61A0530	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15K61A0530	RT4105N	SOFTWARE TESTING LAB	23	45	2
15K61A0530	RT4105O	HADOOP AND BIGDATA LAB	20	41	2
15K61A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	39	3
15K61A0531	RT41052	UML AND DESIGN PATTERNS	19	35	3
15K61A0531	RT41053	MOBILE COMPUTING	22	30	3
15K61A0531	RT41054	SOFTWARE TESTING METHODOLOGIES	21	49	3
15K61A0531	RT4105B	HADOOP AND BIG DATA	21	46	3
15K61A0531	RT4105L	UML AND DESIGN PATTERNS LAB	18	21	2
15K61A0531	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
15K61A0531	RT4105N	SOFTWARE TESTING LAB	21	39	2
15K61A0531	RT4105O	HADOOP AND BIGDATA LAB	18	39	2
15K61A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	60	3
15K61A0532	RT41052	UML AND DESIGN PATTERNS	28	49	3



Htno	Subcode	Subname	Internal	External	Credits
15K61A0532	RT41053	MOBILE COMPUTING	25	43	3
15K61A0532	RT41054	SOFTWARE TESTING METHODOLOGIES	23	39	3
15K61A0532	RT4105B	HADOOP AND BIG DATA	27	42	3
15K61A0532	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15K61A0532	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A0532	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0532	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
15K61A0533	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	24	3
15K61A0533	RT41052	UML AND DESIGN PATTERNS	21	29	3
15K61A0533	RT41053	MOBILE COMPUTING	20	32	3
15K61A0533	RT41054	SOFTWARE TESTING METHODOLOGIES	19	26	3
15K61A0533	RT4105B	HADOOP AND BIG DATA	20	29	3
15K61A0533	RT4105L	UML AND DESIGN PATTERNS LAB	20	35	2
15K61A0533	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15K61A0533	RT4105N	SOFTWARE TESTING LAB	20	39	2
15K61A0533	RT4105O	HADOOP AND BIGDATA LAB	24	41	2
15K61A0534	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	55	3
15K61A0534	RT41052	UML AND DESIGN PATTERNS	29	50	3
15K61A0534	RT41053	MOBILE COMPUTING	27	40	3
15K61A0534	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
15K61A0534	RT4105B	HADOOP AND BIG DATA	28	62	3
15K61A0534	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15K61A0534	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A0534	RT4105N	SOFTWARE TESTING LAB	22	45	2
15K61A0534	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15K61A0535	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	39	3
15K61A0535	RT41052	UML AND DESIGN PATTERNS	27	26	3
15K61A0535	RT41053	MOBILE COMPUTING	22	43	3
15K61A0535	RT41054	SOFTWARE TESTING METHODOLOGIES	25	47	3
15K61A0535	RT4105B	HADOOP AND BIG DATA	25	42	3
15K61A0535	RT4105L	UML AND DESIGN PATTERNS LAB	21	24	2
15K61A0535	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	39	2
15K61A0535	RT4105N	SOFTWARE TESTING LAB	22	41	2
15K61A0535	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
15K61A0536	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	55	3
15K61A0536	RT41052	UML AND DESIGN PATTERNS	23	46	3
15K61A0536	RT41053	MOBILE COMPUTING	24	43	3
15K61A0536	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3
15K61A0536	RT4105B	HADOOP AND BIG DATA	26	43	3
15K61A0536	RT4105L	UML AND DESIGN PATTERNS LAB	20	40	2
15K61A0536	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	44	2
15K61A0536	RT4105N	SOFTWARE TESTING LAB	23	46	2
15K61A0536	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
15K61A0537	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	42	3
15K61A0537	RT41052	UML AND DESIGN PATTERNS	25	35	3
15K61A0537	RT41053	MOBILE COMPUTING	22	46	3
15K61A0537	RT41054	SOFTWARE TESTING METHODOLOGIES	20	36	3
15K61A0537	RT4105B	HADOOP AND BIG DATA	26	37	3
15K61A0537	RT4105L	UML AND DESIGN PATTERNS LAB	21	42	2
15K61A0537	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0537	RT4105N	SOFTWARE TESTING LAB	22	44	2
15K61A0537	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15K61A0538	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	24	3
15K61A0538	RT41052	UML AND DESIGN PATTERNS	22	38	3
15K61A0538	RT41053	MOBILE COMPUTING	16	30	3
15K61A0538	RT41054	SOFTWARE TESTING METHODOLOGIES	18	31	3
15K61A0538	RT4105B	HADOOP AND BIG DATA	23	30	3
15K61A0538	RT4105L	UML AND DESIGN PATTERNS LAB	20	14	0
15K61A0538	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	25	2
15K61A0538	RT4105N	SOFTWARE TESTING LAB	20	33	2
15K61A0538	RT4105O	HADOOP AND BIGDATA LAB	18	36	2
15K61A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	32	3
15K61A0539	RT41052	UML AND DESIGN PATTERNS	21	24	3
15K61A0539	RT41053	MOBILE COMPUTING	21	33	3
15K61A0539	RT41054	SOFTWARE TESTING METHODOLOGIES	22	41	3
15K61A0539	RT4105B	HADOOP AND BIG DATA	23	24	3
15K61A0539	RT4105L	UML AND DESIGN PATTERNS LAB	17	45	2
15K61A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	49	2
15K61A0539	RT4105N	SOFTWARE TESTING LAB	21	47	2
15K61A0539	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15K61A0540	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	46	3
15K61A0540	RT41052	UML AND DESIGN PATTERNS	19	27	3
15K61A0540	RT41053	MOBILE COMPUTING	20	30	3
15K61A0540	RT41054	SOFTWARE TESTING METHODOLOGIES	17	33	3
15K61A0540	RT4105B	HADOOP AND BIG DATA	21	35	3
15K61A0540	RT4105L	UML AND DESIGN PATTERNS LAB	18	30	2
15K61A0540	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	-1	0
15K61A0540	RT4105N	SOFTWARE TESTING LAB	22	36	2
15K61A0540	RT4105O	HADOOP AND BIGDATA LAB	20	35	2
15K61A0541	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15K61A0541	RT41052	UML AND DESIGN PATTERNS	27	47	3
15K61A0541	RT41053	MOBILE COMPUTING	26	47	3
15K61A0541	RT41054	SOFTWARE TESTING METHODOLOGIES	26	34	3
15K61A0541	RT4105B	HADOOP AND BIG DATA	26	40	3
15K61A0541	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15K61A0541	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15K61A0541	RT4105N	SOFTWARE TESTING LAB	23	45	2
15K61A0541	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15K61A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	28	3
15K61A0542	RT41052	UML AND DESIGN PATTERNS	19	48	3
15K61A0542	RT41053	MOBILE COMPUTING	18	43	3
15K61A0542	RT41054	SOFTWARE TESTING METHODOLOGIES	21	38	3
15K61A0542	RT4105B	HADOOP AND BIG DATA	19	32	3
15K61A0542	RT4105L	UML AND DESIGN PATTERNS LAB	21	22	2
15K61A0542	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	28	2
15K61A0542	RT4105N	SOFTWARE TESTING LAB	21	34	2
15K61A0542	RT4105O	HADOOP AND BIGDATA LAB	19	30	2
15K61A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	38	3
15K61A0543	RT41052	UML AND DESIGN PATTERNS	26	34	3
15K61A0543	RT41053	MOBILE COMPUTING	21	27	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0543	RT41054	SOFTWARE TESTING METHODOLOGIES	22	41	3
15K61A0543	RT4105B	HADOOP AND BIG DATA	20	38	3
15K61A0543	RT4105L	UML AND DESIGN PATTERNS LAB	22	33	2
15K61A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15K61A0543	RT4105N	SOFTWARE TESTING LAB	21	38	2
15K61A0543	RT4105O	HADOOP AND BIGDATA LAB	23	42	2
15K61A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	50	3
15K61A0544	RT41052	UML AND DESIGN PATTERNS	28	45	3
15K61A0544	RT41053	MOBILE COMPUTING	25	37	3
15K61A0544	RT41054	SOFTWARE TESTING METHODOLOGIES	22	35	3
15K61A0544	RT4105B	HADOOP AND BIG DATA	23	35	3
15K61A0544	RT4105L	UML AND DESIGN PATTERNS LAB	23	46	2
15K61A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
15K61A0544	RT4105N	SOFTWARE TESTING LAB	24	44	2
15K61A0544	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15K61A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	37	3
15K61A0545	RT41052	UML AND DESIGN PATTERNS	26	29	3
15K61A0545	RT41053	MOBILE COMPUTING	22	39	3
15K61A0545	RT41054	SOFTWARE TESTING METHODOLOGIES	23	34	3
15K61A0545	RT4105B	HADOOP AND BIG DATA	23	36	3
15K61A0545	RT4105L	UML AND DESIGN PATTERNS LAB	23	38	2
15K61A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	43	2
15K61A0545	RT4105N	SOFTWARE TESTING LAB	22	44	2
15K61A0545	RT4105O	HADOOP AND BIGDATA LAB	23	36	2
15K61A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	33	3
15K61A0546	RT41052	UML AND DESIGN PATTERNS	23	44	3
15K61A0546	RT41053	MOBILE COMPUTING	23	39	3
15K61A0546	RT41054	SOFTWARE TESTING METHODOLOGIES	23	38	3
15K61A0546	RT4105B	HADOOP AND BIG DATA	25	59	3
15K61A0546	RT4105L	UML AND DESIGN PATTERNS LAB	20	36	2
15K61A0546	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	41	2
15K61A0546	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0546	RT4105O	HADOOP AND BIGDATA LAB	20	40	2
15K61A0547	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	48	3
15K61A0547	RT41052	UML AND DESIGN PATTERNS	20	43	3
15K61A0547	RT41053	MOBILE COMPUTING	25	43	3
15K61A0547	RT41054	SOFTWARE TESTING METHODOLOGIES	22	47	3
15K61A0547	RT4105B	HADOOP AND BIG DATA	25	53	3
15K61A0547	RT4105L	UML AND DESIGN PATTERNS LAB	21	40	2
15K61A0547	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15K61A0547	RT4105N	SOFTWARE TESTING LAB	24	45	2
15K61A0547	RT4105O	HADOOP AND BIGDATA LAB	23	39	2
15K61A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	38	3
15K61A0548	RT41052	UML AND DESIGN PATTERNS	29	39	3
15K61A0548	RT41053	MOBILE COMPUTING	27	31	3
15K61A0548	RT41054	SOFTWARE TESTING METHODOLOGIES	26	35	3
15K61A0548	RT4105B	HADOOP AND BIG DATA	25	42	3
15K61A0548	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15K61A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15K61A0548	RT4105N	SOFTWARE TESTING LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0548	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15K61A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	47	3
15K61A0549	RT41052	UML AND DESIGN PATTERNS	24	32	3
15K61A0549	RT41053	MOBILE COMPUTING	24	47	3
15K61A0549	RT41054	SOFTWARE TESTING METHODOLOGIES	26	34	3
15K61A0549	RT4105B	HADOOP AND BIG DATA	25	40	3
15K61A0549	RT4105L	UML AND DESIGN PATTERNS LAB	23	45	2
15K61A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15K61A0549	RT4105N	SOFTWARE TESTING LAB	23	47	2
15K61A0549	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
15K61A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	44	3
15K61A0550	RT41052	UML AND DESIGN PATTERNS	29	57	3
15K61A0550	RT41053	MOBILE COMPUTING	27	41	3
15K61A0550	RT41054	SOFTWARE TESTING METHODOLOGIES	28	44	3
15K61A0550	RT4105B	HADOOP AND BIG DATA	30	57	3
15K61A0550	RT4105L	UML AND DESIGN PATTERNS LAB	24	39	2
15K61A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
15K61A0550	RT4105N	SOFTWARE TESTING LAB	24	48	2
15K61A0550	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15K61A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	59	3
15K61A0551	RT41052	UML AND DESIGN PATTERNS	28	40	3
15K61A0551	RT41053	MOBILE COMPUTING	27	52	3
15K61A0551	RT41054	SOFTWARE TESTING METHODOLOGIES	30	44	3
15K61A0551	RT4105B	HADOOP AND BIG DATA	29	59	3
15K61A0551	RT4105L	UML AND DESIGN PATTERNS LAB	24	49	2
15K61A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15K61A0551	RT4105N	SOFTWARE TESTING LAB	25	49	2
15K61A0551	RT4105O	HADOOP AND BIGDATA LAB	23	48	2
15K61A0552	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	59	3
15K61A0552	RT41052	UML AND DESIGN PATTERNS	19	33	3
15K61A0552	RT41053	MOBILE COMPUTING	20	37	3
15K61A0552	RT41054	SOFTWARE TESTING METHODOLOGIES	23	30	3
15K61A0552	RT4105B	HADOOP AND BIG DATA	19	34	3
15K61A0552	RT4105L	UML AND DESIGN PATTERNS LAB	17	23	2
15K61A0552	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	37	2
15K61A0552	RT4105N	SOFTWARE TESTING LAB	20	37	2
15K61A0552	RT4105O	HADOOP AND BIGDATA LAB	19	35	2
15K61A0553	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	45	3
15K61A0553	RT41052	UML AND DESIGN PATTERNS	22	42	3
15K61A0553	RT41053	MOBILE COMPUTING	24	47	3
15K61A0553	RT41054	SOFTWARE TESTING METHODOLOGIES	21	35	3
15K61A0553	RT4105B	HADOOP AND BIG DATA	26	30	3
15K61A0553	RT4105L	UML AND DESIGN PATTERNS LAB	20	38	2
15K61A0553	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	45	2
15K61A0553	RT4105N	SOFTWARE TESTING LAB	23	45	2
15K61A0553	RT4105O	HADOOP AND BIGDATA LAB	22	47	2
15K61A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	24	3
15K61A0554	RT41052	UML AND DESIGN PATTERNS	18	32	3
15K61A0554	RT41053	MOBILE COMPUTING	18	36	3
15K61A0554	RT41054	SOFTWARE TESTING METHODOLOGIES	14	26	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0554	RT4105B	HADOOP AND BIG DATA	22	30	3
15K61A0554	RT4105L	UML AND DESIGN PATTERNS LAB	20	28	2
15K61A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	30	2
15K61A0554	RT4105N	SOFTWARE TESTING LAB	22	35	2
15K61A0554	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
15K61A0555	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	31	3
15K61A0555	RT41052	UML AND DESIGN PATTERNS	8	14	0
15K61A0555	RT41053	MOBILE COMPUTING	14	15	0
15K61A0555	RT41054	SOFTWARE TESTING METHODOLOGIES	13	21	0
15K61A0555	RT4105B	HADOOP AND BIG DATA	8	5	0
15K61A0555	RT4105L	UML AND DESIGN PATTERNS LAB	12	-1	0
15K61A0555	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	-1	0
15K61A0555	RT4105N	SOFTWARE TESTING LAB	16	-1	0
15K61A0555	RT4105O	HADOOP AND BIGDATA LAB	14	25	2
15K61A0556	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	68	3
15K61A0556	RT41052	UML AND DESIGN PATTERNS	24	48	3
15K61A0556	RT41053	MOBILE COMPUTING	23	37	3
15K61A0556	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15K61A0556	RT4105B	HADOOP AND BIG DATA	23	48	3
15K61A0556	RT4105L	UML AND DESIGN PATTERNS LAB	21	34	2
15K61A0556	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15K61A0556	RT4105N	SOFTWARE TESTING LAB	20	39	2
15K61A0556	RT4105O	HADOOP AND BIGDATA LAB	19	41	2
15K61A0557	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	38	3
15K61A0557	RT41052	UML AND DESIGN PATTERNS	26	35	3
15K61A0557	RT41053	MOBILE COMPUTING	27	44	3
15K61A0557	RT41054	SOFTWARE TESTING METHODOLOGIES	26	33	3
15K61A0557	RT4105B	HADOOP AND BIG DATA	26	36	3
15K61A0557	RT4105L	UML AND DESIGN PATTERNS LAB	23	37	2
15K61A0557	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15K61A0557	RT4105N	SOFTWARE TESTING LAB	22	47	2
15K61A0557	RT4105O	HADOOP AND BIGDATA LAB	23	42	2
15K61A0558	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	33	3
15K61A0558	RT41052	UML AND DESIGN PATTERNS	25	27	3
15K61A0558	RT41053	MOBILE COMPUTING	18	40	3
15K61A0558	RT41054	SOFTWARE TESTING METHODOLOGIES	22	35	3
15K61A0558	RT4105B	HADOOP AND BIG DATA	19	58	3
15K61A0558	RT4105L	UML AND DESIGN PATTERNS LAB	21	39	2
15K61A0558	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15K61A0558	RT4105N	SOFTWARE TESTING LAB	23	46	2
15K61A0558	RT4105O	HADOOP AND BIGDATA LAB	22	38	2
15K61A0559	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
15K61A0559	RT41052	UML AND DESIGN PATTERNS	21	24	3
15K61A0559	RT41053	MOBILE COMPUTING	20	33	3
15K61A0559	RT41054	SOFTWARE TESTING METHODOLOGIES	20	46	3
15K61A0559	RT4105B	HADOOP AND BIG DATA	22	41	3
15K61A0559	RT4105L	UML AND DESIGN PATTERNS LAB	20	46	2
15K61A0559	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15K61A0559	RT4105N	SOFTWARE TESTING LAB	22	47	2
15K61A0559	RT4105O	HADOOP AND BIGDATA LAB	21	40	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0560	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	61	3
15K61A0560	RT41052	UML AND DESIGN PATTERNS	20	31	3
15K61A0560	RT41053	MOBILE COMPUTING	21	40	3
15K61A0560	RT41054	SOFTWARE TESTING METHODOLOGIES	20	33	3
15K61A0560	RT4105B	HADOOP AND BIG DATA	22	32	3
15K61A0560	RT4105L	UML AND DESIGN PATTERNS LAB	18	35	2
15K61A0560	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	43	2
15K61A0560	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0560	RT4105O	HADOOP AND BIGDATA LAB	21	40	2
15K61A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	38	3
15K61A0561	RT41052	UML AND DESIGN PATTERNS	23	34	3
15K61A0561	RT41053	MOBILE COMPUTING	24	44	3
15K61A0561	RT41054	SOFTWARE TESTING METHODOLOGIES	18	32	3
15K61A0561	RT4105B	HADOOP AND BIG DATA	22	29	3
15K61A0561	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15K61A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15K61A0561	RT4105N	SOFTWARE TESTING LAB	20	46	2
15K61A0561	RT4105O	HADOOP AND BIGDATA LAB	22	48	2
15K61A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	49	3
15K61A0562	RT41052	UML AND DESIGN PATTERNS	21	52	3
15K61A0562	RT41053	MOBILE COMPUTING	21	41	3
15K61A0562	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15K61A0562	RT4105B	HADOOP AND BIG DATA	26	58	3
15K61A0562	RT4105L	UML AND DESIGN PATTERNS LAB	20	48	2
15K61A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
15K61A0562	RT4105N	SOFTWARE TESTING LAB	23	48	2
15K61A0562	RT4105O	HADOOP AND BIGDATA LAB	18	42	2
15K61A0563	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	52	3
15K61A0563	RT41052	UML AND DESIGN PATTERNS	28	39	3
15K61A0563	RT41053	MOBILE COMPUTING	24	52	3
15K61A0563	RT41054	SOFTWARE TESTING METHODOLOGIES	21	50	3
15K61A0563	RT4105B	HADOOP AND BIG DATA	28	47	3
15K61A0563	RT4105L	UML AND DESIGN PATTERNS LAB	19	48	2
15K61A0563	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15K61A0563	RT4105N	SOFTWARE TESTING LAB	21	47	2
15K61A0563	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
15K61A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	60	3
15K61A0564	RT41052	UML AND DESIGN PATTERNS	24	49	3
15K61A0564	RT41053	MOBILE COMPUTING	22	40	3
15K61A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	21	39	3
15K61A0564	RT4105B	HADOOP AND BIG DATA	28	42	3
15K61A0564	RT4105L	UML AND DESIGN PATTERNS LAB	20	29	2
15K61A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15K61A0564	RT4105N	SOFTWARE TESTING LAB	20	44	2
15K61A0564	RT4105O	HADOOP AND BIGDATA LAB	21	47	2
15K61A0565	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	41	3
15K61A0565	RT41052	UML AND DESIGN PATTERNS	24	44	3
15K61A0565	RT41053	MOBILE COMPUTING	24	37	3
15K61A0565	RT41054	SOFTWARE TESTING METHODOLOGIES	20	28	3
15K61A0565	RT4105B	HADOOP AND BIG DATA	25	32	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0565	RT4105L	UML AND DESIGN PATTERNS LAB	19	36	2
15K61A0565	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
15K61A0565	RT4105N	SOFTWARE TESTING LAB	21	44	2
15K61A0565	RT4105O	HADOOP AND BIGDATA LAB	20	47	2
15K61A0566	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	24	3
15K61A0566	RT41052	UML AND DESIGN PATTERNS	23	36	3
15K61A0566	RT41053	MOBILE COMPUTING	21	37	3
15K61A0566	RT41054	SOFTWARE TESTING METHODOLOGIES	15	38	3
15K61A0566	RT4105B	HADOOP AND BIG DATA	18	47	3
15K61A0566	RT4105L	UML AND DESIGN PATTERNS LAB	19	37	2
15K61A0566	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	37	2
15K61A0566	RT4105N	SOFTWARE TESTING LAB	20	42	2
15K61A0566	RT4105O	HADOOP AND BIGDATA LAB	16	47	2
15K61A0567	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	51	3
15K61A0567	RT41052	UML AND DESIGN PATTERNS	25	31	3
15K61A0567	RT41053	MOBILE COMPUTING	24	31	3
15K61A0567	RT41054	SOFTWARE TESTING METHODOLOGIES	18	47	3
15K61A0567	RT4105B	HADOOP AND BIG DATA	24	49	3
15K61A0567	RT4105L	UML AND DESIGN PATTERNS LAB	20	39	2
15K61A0567	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15K61A0567	RT4105N	SOFTWARE TESTING LAB	21	41	2
15K61A0567	RT4105O	HADOOP AND BIGDATA LAB	21	47	2
15K61A0568	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	61	3
15K61A0568	RT41052	UML AND DESIGN PATTERNS	25	40	3
15K61A0568	RT41053	MOBILE COMPUTING	24	40	3
15K61A0568	RT41054	SOFTWARE TESTING METHODOLOGIES	22	36	3
15K61A0568	RT4105B	HADOOP AND BIG DATA	26	40	3
15K61A0568	RT4105L	UML AND DESIGN PATTERNS LAB	19	38	2
15K61A0568	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15K61A0568	RT4105N	SOFTWARE TESTING LAB	21	46	2
15K61A0568	RT4105O	HADOOP AND BIGDATA LAB	22	40	2
15K61A0569	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	43	3
15K61A0569	RT41052	UML AND DESIGN PATTERNS	24	36	3
15K61A0569	RT41053	MOBILE COMPUTING	28	38	3
15K61A0569	RT41054	SOFTWARE TESTING METHODOLOGIES	25	34	3
15K61A0569	RT4105B	HADOOP AND BIG DATA	27	34	3
15K61A0569	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15K61A0569	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15K61A0569	RT4105N	SOFTWARE TESTING LAB	21	47	2
15K61A0569	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15K61A0571	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	34	3
15K61A0571	RT41052	UML AND DESIGN PATTERNS	26	38	3
15K61A0571	RT41053	MOBILE COMPUTING	23	31	3
15K61A0571	RT41054	SOFTWARE TESTING METHODOLOGIES	20	33	3
15K61A0571	RT4105B	HADOOP AND BIG DATA	22	43	3
15K61A0571	RT4105L	UML AND DESIGN PATTERNS LAB	20	40	2
15K61A0571	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	50	2
15K61A0571	RT4105N	SOFTWARE TESTING LAB	21	42	2
15K61A0571	RT4105O	HADOOP AND BIGDATA LAB	23	44	2
15K61A0572	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	-1	0

Htno	Subcode	Subname	Internal	External	Credits
15K61A0572	RT41052	UML AND DESIGN PATTERNS	23	-1	0
15K61A0572	RT41053	MOBILE COMPUTING	24	-1	0
15K61A0572	RT41054	SOFTWARE TESTING METHODOLOGIES	22	-1	0
15K61A0572	RT4105B	HADOOP AND BIG DATA	24	-1	0
15K61A0572	RT4105L	UML AND DESIGN PATTERNS LAB	5	-1	0
15K61A0572	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	7	-1	0
15K61A0572	RT4105N	SOFTWARE TESTING LAB	7	-1	0
15K61A0572	RT4105O	HADOOP AND BIGDATA LAB	10	-1	0
15K61A0573	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	66	3
15K61A0573	RT41052	UML AND DESIGN PATTERNS	22	46	3
15K61A0573	RT41053	MOBILE COMPUTING	26	43	3
15K61A0573	RT41054	SOFTWARE TESTING METHODOLOGIES	23	41	3
15K61A0573	RT4105B	HADOOP AND BIG DATA	25	50	3
15K61A0573	RT4105L	UML AND DESIGN PATTERNS LAB	22	46	2
15K61A0573	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	40	2
15K61A0573	RT4105N	SOFTWARE TESTING LAB	21	47	2
15K61A0573	RT4105O	HADOOP AND BIGDATA LAB	19	45	2
15K61A0574	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	45	3
15K61A0574	RT41052	UML AND DESIGN PATTERNS	25	34	3
15K61A0574	RT41053	MOBILE COMPUTING	26	45	3
15K61A0574	RT41054	SOFTWARE TESTING METHODOLOGIES	25	35	3
15K61A0574	RT4105B	HADOOP AND BIG DATA	26	29	3
15K61A0574	RT4105L	UML AND DESIGN PATTERNS LAB	22	47	2
15K61A0574	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	50	2
15K61A0574	RT4105N	SOFTWARE TESTING LAB	20	47	2
15K61A0574	RT4105O	HADOOP AND BIGDATA LAB	21	46	2
15K61A0575	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	27	3
15K61A0575	RT41052	UML AND DESIGN PATTERNS	18	52	3
15K61A0575	RT41053	MOBILE COMPUTING	23	42	3
15K61A0575	RT41054	SOFTWARE TESTING METHODOLOGIES	19	31	3
15K61A0575	RT4105B	HADOOP AND BIG DATA	21	50	3
15K61A0575	RT4105L	UML AND DESIGN PATTERNS LAB	18	33	2
15K61A0575	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	35	2
15K61A0575	RT4105N	SOFTWARE TESTING LAB	19	35	2
15K61A0575	RT4105O	HADOOP AND BIGDATA LAB	12	25	2
15K61A0576	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	48	3
15K61A0576	RT41052	UML AND DESIGN PATTERNS	26	42	3
15K61A0576	RT41053	MOBILE COMPUTING	24	48	3
15K61A0576	RT41054	SOFTWARE TESTING METHODOLOGIES	27	45	3
15K61A0576	RT4105B	HADOOP AND BIG DATA	23	58	3
15K61A0576	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
15K61A0576	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15K61A0576	RT4105N	SOFTWARE TESTING LAB	25	44	2
15K61A0576	RT4105O	HADOOP AND BIGDATA LAB	25	47	2
15K61A0577	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	47	3
15K61A0577	RT41052	UML AND DESIGN PATTERNS	18	27	3
15K61A0577	RT41053	MOBILE COMPUTING	16	36	3
15K61A0577	RT41054	SOFTWARE TESTING METHODOLOGIES	13	29	3
15K61A0577	RT4105B	HADOOP AND BIG DATA	18	27	3
15K61A0577	RT4105L	UML AND DESIGN PATTERNS LAB	16	33	2



Htno	Subcode	Subname	Internal	External	Credits
15K61A0577	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	17	35	2
15K61A0577	RT4105N	SOFTWARE TESTING LAB	20	35	2
15K61A0577	RT4105O	HADOOP AND BIGDATA LAB	15	22	2
15K61A0578	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	18	0
15K61A0578	RT41052	UML AND DESIGN PATTERNS	16	14	0
15K61A0578	RT41053	MOBILE COMPUTING	10	10	0
15K61A0578	RT41054	SOFTWARE TESTING METHODOLOGIES	10	9	0
15K61A0578	RT4105B	HADOOP AND BIG DATA	13	11	0
15K61A0578	RT4105L	UML AND DESIGN PATTERNS LAB	16	31	2
15K61A0578	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	10	0
15K61A0578	RT4105N	SOFTWARE TESTING LAB	17	30	2
15K61A0578	RT4105O	HADOOP AND BIGDATA LAB	15	21	2
15K61A0579	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	42	3
15K61A0579	RT41052	UML AND DESIGN PATTERNS	28	54	3
15K61A0579	RT41053	MOBILE COMPUTING	26	42	3
15K61A0579	RT41054	SOFTWARE TESTING METHODOLOGIES	27	47	3
15K61A0579	RT4105B	HADOOP AND BIG DATA	29	64	3
15K61A0579	RT4105L	UML AND DESIGN PATTERNS LAB	22	43	2
15K61A0579	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15K61A0579	RT4105N	SOFTWARE TESTING LAB	22	48	2
15K61A0579	RT4105O	HADOOP AND BIGDATA LAB	25	46	2
15K61A0580	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	33	3
15K61A0580	RT41052	UML AND DESIGN PATTERNS	19	27	3
15K61A0580	RT41053	MOBILE COMPUTING	17	30	3
15K61A0580	RT41054	SOFTWARE TESTING METHODOLOGIES	15	44	3
15K61A0580	RT4105B	HADOOP AND BIG DATA	20	39	3
15K61A0580	RT4105L	UML AND DESIGN PATTERNS LAB	19	30	2
15K61A0580	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	40	2
15K61A0580	RT4105N	SOFTWARE TESTING LAB	20	30	2
15K61A0580	RT4105O	HADOOP AND BIGDATA LAB	16	21	2
15K61A0581	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	57	3
15K61A0581	RT41052	UML AND DESIGN PATTERNS	28	46	3
15K61A0581	RT41053	MOBILE COMPUTING	26	39	3
15K61A0581	RT41054	SOFTWARE TESTING METHODOLOGIES	27	39	3
15K61A0581	RT4105B	HADOOP AND BIG DATA	26	49	3
15K61A0581	RT4105L	UML AND DESIGN PATTERNS LAB	23	43	2
15K61A0581	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15K61A0581	RT4105N	SOFTWARE TESTING LAB	23	47	2
15K61A0581	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
15K61A0582	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	44	3
15K61A0582	RT41052	UML AND DESIGN PATTERNS	26	29	3
15K61A0582	RT41053	MOBILE COMPUTING	26	46	3
15K61A0582	RT41054	SOFTWARE TESTING METHODOLOGIES	29	32	3
15K61A0582	RT4105B	HADOOP AND BIG DATA	24	27	3
15K61A0582	RT4105L	UML AND DESIGN PATTERNS LAB	23	47	2
15K61A0582	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15K61A0582	RT4105N	SOFTWARE TESTING LAB	22	48	2
15K61A0582	RT4105O	HADOOP AND BIGDATA LAB	24	49	2
15K61A0583	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	52	3
15K61A0583	RT41052	UML AND DESIGN PATTERNS	27	46	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0583	RT41053	MOBILE COMPUTING	28	44	3
15K61A0583	RT41054	SOFTWARE TESTING METHODOLOGIES	26	45	3
15K61A0583	RT4105B	HADOOP AND BIG DATA	26	47	3
15K61A0583	RT4105L	UML AND DESIGN PATTERNS LAB	23	40	2
15K61A0583	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
15K61A0583	RT4105N	SOFTWARE TESTING LAB	24	47	2
15K61A0583	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15K61A0584	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	42	3
15K61A0584	RT41052	UML AND DESIGN PATTERNS	23	37	3
15K61A0584	RT41053	MOBILE COMPUTING	22	40	3
15K61A0584	RT41054	SOFTWARE TESTING METHODOLOGIES	22	48	3
15K61A0584	RT4105B	HADOOP AND BIG DATA	24	45	3
15K61A0584	RT4105L	UML AND DESIGN PATTERNS LAB	19	45	2
15K61A0584	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
15K61A0584	RT4105N	SOFTWARE TESTING LAB	20	47	2
15K61A0584	RT4105O	HADOOP AND BIGDATA LAB	21	41	2
15K61A0585	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	62	3
15K61A0585	RT41052	UML AND DESIGN PATTERNS	23	48	3
15K61A0585	RT41053	MOBILE COMPUTING	26	45	3
15K61A0585	RT41054	SOFTWARE TESTING METHODOLOGIES	27	44	3
15K61A0585	RT4105B	HADOOP AND BIG DATA	27	44	3
15K61A0585	RT4105L	UML AND DESIGN PATTERNS LAB	20	43	2
15K61A0585	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
15K61A0585	RT4105N	SOFTWARE TESTING LAB	21	46	2
15K61A0585	RT4105O	HADOOP AND BIGDATA LAB	24	48	2
15K61A0586	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	41	3
15K61A0586	RT41052	UML AND DESIGN PATTERNS	19	28	3
15K61A0586	RT41053	MOBILE COMPUTING	22	40	3
15K61A0586	RT41054	SOFTWARE TESTING METHODOLOGIES	19	33	3
15K61A0586	RT4105B	HADOOP AND BIG DATA	21	34	3
15K61A0586	RT4105L	UML AND DESIGN PATTERNS LAB	19	39	2
15K61A0586	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	40	2
15K61A0586	RT4105N	SOFTWARE TESTING LAB	21	37	2
15K61A0586	RT4105O	HADOOP AND BIGDATA LAB	18	33	2
15K61A0587	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	31	3
15K61A0587	RT41052	UML AND DESIGN PATTERNS	20	33	3
15K61A0587	RT41053	MOBILE COMPUTING	24	43	3
15K61A0587	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15K61A0587	RT4105B	HADOOP AND BIG DATA	25	46	3
15K61A0587	RT4105L	UML AND DESIGN PATTERNS LAB	18	35	2
15K61A0587	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	40	2
15K61A0587	RT4105N	SOFTWARE TESTING LAB	20	42	2
15K61A0587	RT4105O	HADOOP AND BIGDATA LAB	19	41	2
15K61A0588	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	33	3
15K61A0588	RT41052	UML AND DESIGN PATTERNS	18	27	3
15K61A0588	RT41053	MOBILE COMPUTING	19	14	0
15K61A0588	RT41054	SOFTWARE TESTING METHODOLOGIES	12	37	3
15K61A0588	RT4105B	HADOOP AND BIG DATA	14	42	3
15K61A0588	RT4105L	UML AND DESIGN PATTERNS LAB	14	30	2
15K61A0588	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	35	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A0588	RT4105N	SOFTWARE TESTING LAB	19	37	2
15K61A0588	RT4105O	HADOOP AND BIGDATA LAB	14	23	2
15K61A0589	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	53	3
15K61A0589	RT41052	UML AND DESIGN PATTERNS	25	48	3
15K61A0589	RT41053	MOBILE COMPUTING	24	40	3
15K61A0589	RT41054	SOFTWARE TESTING METHODOLOGIES	21	41	3
15K61A0589	RT4105B	HADOOP AND BIG DATA	28	41	3
15K61A0589	RT4105L	UML AND DESIGN PATTERNS LAB	19	45	2
15K61A0589	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	40	2
15K61A0589	RT4105N	SOFTWARE TESTING LAB	22	46	2
15K61A0589	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15K61A0590	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	43	3
15K61A0590	RT41052	UML AND DESIGN PATTERNS	23	45	3
15K61A0590	RT41053	MOBILE COMPUTING	25	45	3
15K61A0590	RT41054	SOFTWARE TESTING METHODOLOGIES	23	31	3
15K61A0590	RT4105B	HADOOP AND BIG DATA	25	37	3
15K61A0590	RT4105L	UML AND DESIGN PATTERNS LAB	21	34	2
15K61A0590	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15K61A0590	RT4105N	SOFTWARE TESTING LAB	21	48	2
15K61A0590	RT4105O	HADOOP AND BIGDATA LAB	21	44	2
15K61A0591	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	40	3
15K61A0591	RT41052	UML AND DESIGN PATTERNS	25	45	3
15K61A0591	RT41053	MOBILE COMPUTING	26	40	3
15K61A0591	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3
15K61A0591	RT4105B	HADOOP AND BIG DATA	26	64	3
15K61A0591	RT4105L	UML AND DESIGN PATTERNS LAB	20	31	2
15K61A0591	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	43	2
15K61A0591	RT4105N	SOFTWARE TESTING LAB	21	46	2
15K61A0591	RT4105O	HADOOP AND BIGDATA LAB	24	47	2
15K61A0592	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	46	3
15K61A0592	RT41052	UML AND DESIGN PATTERNS	22	34	3
15K61A0592	RT41053	MOBILE COMPUTING	23	45	3
15K61A0592	RT41054	SOFTWARE TESTING METHODOLOGIES	20	48	3
15K61A0592	RT4105B	HADOOP AND BIG DATA	21	55	3
15K61A0592	RT4105L	UML AND DESIGN PATTERNS LAB	19	38	2
15K61A0592	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15K61A0592	RT4105N	SOFTWARE TESTING LAB	20	42	2
15K61A0592	RT4105O	HADOOP AND BIGDATA LAB	17	41	2
15K61A0593	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	58	3
15K61A0593	RT41052	UML AND DESIGN PATTERNS	21	47	3
15K61A0593	RT41053	MOBILE COMPUTING	28	40	3
15K61A0593	RT41054	SOFTWARE TESTING METHODOLOGIES	23	38	3
15K61A0593	RT4105B	HADOOP AND BIG DATA	22	41	3
15K61A0593	RT4105L	UML AND DESIGN PATTERNS LAB	22	42	2
15K61A0593	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	40	2
15K61A0593	RT4105N	SOFTWARE TESTING LAB	23	43	2
15K61A0593	RT4105O	HADOOP AND BIGDATA LAB	24	50	2
15K61A0594	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	43	3
15K61A0594	RT41052	UML AND DESIGN PATTERNS	25	29	3
15K61A0594	RT41053	MOBILE COMPUTING	28	40	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A0594	RT41054	SOFTWARE TESTING METHODOLOGIES	23	32	3
15K61A0594	RT4105B	HADOOP AND BIG DATA	23	31	3
15K61A0594	RT4105L	UML AND DESIGN PATTERNS LAB	24	35	2
15K61A0594	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15K61A0594	RT4105N	SOFTWARE TESTING LAB	22	43	2
15K61A0594	RT4105O	HADOOP AND BIGDATA LAB	25	48	2
15K61A0596	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	31	3
15K61A0596	RT41052	UML AND DESIGN PATTERNS	24	40	3
15K61A0596	RT41053	MOBILE COMPUTING	20	39	3
15K61A0596	RT41054	SOFTWARE TESTING METHODOLOGIES	15	30	3
15K61A0596	RT4105B	HADOOP AND BIG DATA	20	46	3
15K61A0596	RT4105L	UML AND DESIGN PATTERNS LAB	19	27	2
15K61A0596	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	39	2
15K61A0596	RT4105N	SOFTWARE TESTING LAB	18	42	2
15K61A0596	RT4105O	HADOOP AND BIGDATA LAB	18	29	2
15K61A0597	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	47	3
15K61A0597	RT41052	UML AND DESIGN PATTERNS	27	39	3
15K61A0597	RT41053	MOBILE COMPUTING	25	48	3
15K61A0597	RT41054	SOFTWARE TESTING METHODOLOGIES	24	48	3
15K61A0597	RT4105B	HADOOP AND BIG DATA	27	45	3
15K61A0597	RT4105L	UML AND DESIGN PATTERNS LAB	23	40	2
15K61A0597	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
15K61A0597	RT4105N	SOFTWARE TESTING LAB	22	42	2
15K61A0597	RT4105O	HADOOP AND BIGDATA LAB	25	49	2
15K61A0598	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	61	3
15K61A0598	RT41052	UML AND DESIGN PATTERNS	25	46	3
15K61A0598	RT41053	MOBILE COMPUTING	24	46	3
15K61A0598	RT41054	SOFTWARE TESTING METHODOLOGIES	22	38	3
15K61A0598	RT4105B	HADOOP AND BIG DATA	26	42	3
15K61A0598	RT4105L	UML AND DESIGN PATTERNS LAB	22	39	2
15K61A0598	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	35	2
15K61A0598	RT4105N	SOFTWARE TESTING LAB	21	43	2
15K61A0598	RT4105O	HADOOP AND BIGDATA LAB	23	38	2
15K61A0599	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	38	3
15K61A0599	RT41052	UML AND DESIGN PATTERNS	24	28	3
15K61A0599	RT41053	MOBILE COMPUTING	23	29	3
15K61A0599	RT41054	SOFTWARE TESTING METHODOLOGIES	23	33	3
15K61A0599	RT4105B	HADOOP AND BIG DATA	22	41	3
15K61A0599	RT4105L	UML AND DESIGN PATTERNS LAB	20	46	2
15K61A0599	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15K61A0599	RT4105N	SOFTWARE TESTING LAB	21	46	2
15K61A0599	RT4105O	HADOOP AND BIGDATA LAB	23	46	2
15K61A05A0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	28	3
15K61A05A0	RT41052	UML AND DESIGN PATTERNS	24	55	3
15K61A05A0	RT41053	MOBILE COMPUTING	22	44	3
15K61A05A0	RT41054	SOFTWARE TESTING METHODOLOGIES	22	42	3
15K61A05A0	RT4105B	HADOOP AND BIG DATA	25	47	3
15K61A05A0	RT4105L	UML AND DESIGN PATTERNS LAB	20	45	2
15K61A05A0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	37	2
15K61A05A0	RT4105N	SOFTWARE TESTING LAB	21	42	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A05A0	RT4105O	HADOOP AND BIGDATA LAB	19	45	2
15K61A05A1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	33	3
15K61A05A1	RT41052	UML AND DESIGN PATTERNS	23	32	3
15K61A05A1	RT41053	MOBILE COMPUTING	23	27	3
15K61A05A1	RT41054	SOFTWARE TESTING METHODOLOGIES	22	47	3
15K61A05A1	RT4105B	HADOOP AND BIG DATA	25	51	3
15K61A05A1	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15K61A05A1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15K61A05A1	RT4105N	SOFTWARE TESTING LAB	21	40	2
15K61A05A1	RT4105O	HADOOP AND BIGDATA LAB	23	45	2
15K61A05A2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	51	3
15K61A05A2	RT41052	UML AND DESIGN PATTERNS	18	37	3
15K61A05A2	RT41053	MOBILE COMPUTING	25	39	3
15K61A05A2	RT41054	SOFTWARE TESTING METHODOLOGIES	16	37	3
15K61A05A2	RT4105B	HADOOP AND BIG DATA	24	36	3
15K61A05A2	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15K61A05A2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	36	2
15K61A05A2	RT4105N	SOFTWARE TESTING LAB	19	38	2
15K61A05A2	RT4105O	HADOOP AND BIGDATA LAB	18	41	2
15K61A05A3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	45	3
15K61A05A3	RT41052	UML AND DESIGN PATTERNS	26	33	3
15K61A05A3	RT41053	MOBILE COMPUTING	26	47	3
15K61A05A3	RT41054	SOFTWARE TESTING METHODOLOGIES	24	34	3
15K61A05A3	RT4105B	HADOOP AND BIG DATA	25	36	3
15K61A05A3	RT4105L	UML AND DESIGN PATTERNS LAB	22	42	2
15K61A05A3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	40	2
15K61A05A3	RT4105N	SOFTWARE TESTING LAB	21	44	2
15K61A05A3	RT4105O	HADOOP AND BIGDATA LAB	20	41	2
15K61A05A4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	25	3
15K61A05A4	RT41052	UML AND DESIGN PATTERNS	21	28	3
15K61A05A4	RT41053	MOBILE COMPUTING	22	45	3
15K61A05A4	RT41054	SOFTWARE TESTING METHODOLOGIES	24	36	3
15K61A05A4	RT4105B	HADOOP AND BIG DATA	20	30	3
15K61A05A4	RT4105L	UML AND DESIGN PATTERNS LAB	20	32	2
15K61A05A4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
15K61A05A4	RT4105N	SOFTWARE TESTING LAB	21	46	2
15K61A05A4	RT4105O	HADOOP AND BIGDATA LAB	20	31	2
15K61A05A5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	51	3
15K61A05A5	RT41052	UML AND DESIGN PATTERNS	29	35	3
15K61A05A5	RT41053	MOBILE COMPUTING	28	40	3
15K61A05A5	RT41054	SOFTWARE TESTING METHODOLOGIES	24	42	3
15K61A05A5	RT4105B	HADOOP AND BIG DATA	25	53	3
15K61A05A5	RT4105L	UML AND DESIGN PATTERNS LAB	25	47	2
15K61A05A5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15K61A05A5	RT4105N	SOFTWARE TESTING LAB	21	45	2
15K61A05A5	RT4105O	HADOOP AND BIGDATA LAB	25	42	2
15K61A05A6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	60	3
15K61A05A6	RT41052	UML AND DESIGN PATTERNS	21	37	3
15K61A05A6	RT41053	MOBILE COMPUTING	26	38	3
15K61A05A6	RT41054	SOFTWARE TESTING METHODOLOGIES	27	33	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A05A6	RT4105B	HADOOP AND BIG DATA	25	43	3
15K61A05A6	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15K61A05A6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15K61A05A6	RT4105N	SOFTWARE TESTING LAB	22	48	2
15K61A05A6	RT4105O	HADOOP AND BIGDATA LAB	24	44	2
15K61A05A7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	35	3
15K61A05A7	RT41052	UML AND DESIGN PATTERNS	24	36	3
15K61A05A7	RT41053	MOBILE COMPUTING	22	38	3
15K61A05A7	RT41054	SOFTWARE TESTING METHODOLOGIES	21	34	3
15K61A05A7	RT4105B	HADOOP AND BIG DATA	22	40	3
15K61A05A7	RT4105L	UML AND DESIGN PATTERNS LAB	20	40	2
15K61A05A7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	36	2
15K61A05A7	RT4105N	SOFTWARE TESTING LAB	20	41	2
15K61A05A7	RT4105O	HADOOP AND BIGDATA LAB	19	36	2
15K61A05A8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	50	3
15K61A05A8	RT41052	UML AND DESIGN PATTERNS	28	52	3
15K61A05A8	RT41053	MOBILE COMPUTING	28	45	3
15K61A05A8	RT41054	SOFTWARE TESTING METHODOLOGIES	25	45	3
15K61A05A8	RT4105B	HADOOP AND BIG DATA	26	64	3
15K61A05A8	RT4105L	UML AND DESIGN PATTERNS LAB	24	47	2
15K61A05A8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
15K61A05A8	RT4105N	SOFTWARE TESTING LAB	23	49	2
15K61A05A8	RT4105O	HADOOP AND BIGDATA LAB	25	50	2
15K61A05B0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	50	3
15K61A05B0	RT41052	UML AND DESIGN PATTERNS	23	32	3
15K61A05B0	RT41053	MOBILE COMPUTING	27	36	3
15K61A05B0	RT41054	SOFTWARE TESTING METHODOLOGIES	26	47	3
15K61A05B0	RT4105B	HADOOP AND BIG DATA	28	49	3
15K61A05B0	RT4105L	UML AND DESIGN PATTERNS LAB	22	44	2
15K61A05B0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15K61A05B0	RT4105N	SOFTWARE TESTING LAB	24	48	2
15K61A05B0	RT4105O	HADOOP AND BIGDATA LAB	24	42	2
15K61A05B1	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	58	3
15K61A05B1	RT41052	UML AND DESIGN PATTERNS	23	46	3
15K61A05B1	RT41053	MOBILE COMPUTING	24	45	3
15K61A05B1	RT41054	SOFTWARE TESTING METHODOLOGIES	22	37	3
15K61A05B1	RT4105B	HADOOP AND BIG DATA	23	34	3
15K61A05B1	RT4105L	UML AND DESIGN PATTERNS LAB	21	41	2
15K61A05B1	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15K61A05B1	RT4105N	SOFTWARE TESTING LAB	22	48	2
15K61A05B1	RT4105O	HADOOP AND BIGDATA LAB	21	38	2
15K61A05B2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	40	3
15K61A05B2	RT41052	UML AND DESIGN PATTERNS	23	24	3
15K61A05B2	RT41053	MOBILE COMPUTING	23	32	3
15K61A05B2	RT41054	SOFTWARE TESTING METHODOLOGIES	21	35	3
15K61A05B2	RT4105B	HADOOP AND BIG DATA	23	31	3
15K61A05B2	RT4105L	UML AND DESIGN PATTERNS LAB	21	30	2
15K61A05B2	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	35	2
15K61A05B2	RT4105N	SOFTWARE TESTING LAB	21	47	2
15K61A05B2	RT4105O	HADOOP AND BIGDATA LAB	21	39	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A05B3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	43	3
15K61A05B3	RT41052	UML AND DESIGN PATTERNS	26	45	3
15K61A05B3	RT41053	MOBILE COMPUTING	27	43	3
15K61A05B3	RT41054	SOFTWARE TESTING METHODOLOGIES	22	39	3
15K61A05B3	RT4105B	HADOOP AND BIG DATA	26	37	3
15K61A05B3	RT4105L	UML AND DESIGN PATTERNS LAB	22	35	2
15K61A05B3	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15K61A05B3	RT4105N	SOFTWARE TESTING LAB	22	40	2
15K61A05B3	RT4105O	HADOOP AND BIGDATA LAB	21	38	2
15K61A05B4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	48	3
15K61A05B4	RT41052	UML AND DESIGN PATTERNS	23	41	3
15K61A05B4	RT41053	MOBILE COMPUTING	26	50	3
15K61A05B4	RT41054	SOFTWARE TESTING METHODOLOGIES	24	46	3
15K61A05B4	RT4105B	HADOOP AND BIG DATA	26	67	3
15K61A05B4	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
15K61A05B4	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	40	2
15K61A05B4	RT4105N	SOFTWARE TESTING LAB	19	48	2
15K61A05B4	RT4105O	HADOOP AND BIGDATA LAB	22	42	2
15K61A05B5	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	54	3
15K61A05B5	RT41052	UML AND DESIGN PATTERNS	19	33	3
15K61A05B5	RT41053	MOBILE COMPUTING	22	40	3
15K61A05B5	RT41054	SOFTWARE TESTING METHODOLOGIES	19	33	3
15K61A05B5	RT4105B	HADOOP AND BIG DATA	23	35	3
15K61A05B5	RT4105L	UML AND DESIGN PATTERNS LAB	20	42	2
15K61A05B5	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	39	2
15K61A05B5	RT4105N	SOFTWARE TESTING LAB	21	35	2
15K61A05B5	RT4105O	HADOOP AND BIGDATA LAB	21	31	2
15K61A05B6	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	42	3
15K61A05B6	RT41052	UML AND DESIGN PATTERNS	12	28	3
15K61A05B6	RT41053	MOBILE COMPUTING	15	31	3
15K61A05B6	RT41054	SOFTWARE TESTING METHODOLOGIES	9	33	3
15K61A05B6	RT4105B	HADOOP AND BIG DATA	14	28	3
15K61A05B6	RT4105L	UML AND DESIGN PATTERNS LAB	19	30	2
15K61A05B6	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	16	18	2
15K61A05B6	RT4105N	SOFTWARE TESTING LAB	19	33	2
15K61A05B6	RT4105O	HADOOP AND BIGDATA LAB	14	18	2
15K61A05B7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	44	3
15K61A05B7	RT41052	UML AND DESIGN PATTERNS	23	47	3
15K61A05B7	RT41053	MOBILE COMPUTING	26	37	3
15K61A05B7	RT41054	SOFTWARE TESTING METHODOLOGIES	23	37	3
15K61A05B7	RT4105B	HADOOP AND BIG DATA	28	46	3
15K61A05B7	RT4105L	UML AND DESIGN PATTERNS LAB	22	48	2
15K61A05B7	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	48	2
15K61A05B7	RT4105N	SOFTWARE TESTING LAB	20	43	2
15K61A05B7	RT4105O	HADOOP AND BIGDATA LAB	25	43	2
15K61A05B8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	60	3
15K61A05B8	RT41052	UML AND DESIGN PATTERNS	23	38	3
15K61A05B8	RT41053	MOBILE COMPUTING	24	52	3
15K61A05B8	RT41054	SOFTWARE TESTING METHODOLOGIES	21	54	3
15K61A05B8	RT4105B	HADOOP AND BIG DATA	22	51	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A05B8	RT4105L	UML AND DESIGN PATTERNS LAB	21	45	2
15K61A05B8	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
15K61A05B8	RT4105N	SOFTWARE TESTING LAB	20	47	2
15K61A05B8	RT4105O	HADOOP AND BIGDATA LAB	22	45	2
15K61A05B9	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	58	3
15K61A05B9	RT41052	UML AND DESIGN PATTERNS	23	31	3
15K61A05B9	RT41053	MOBILE COMPUTING	23	40	3
15K61A05B9	RT41054	SOFTWARE TESTING METHODOLOGIES	23	39	3
15K61A05B9	RT4105B	HADOOP AND BIG DATA	26	35	3
15K61A05B9	RT4105L	UML AND DESIGN PATTERNS LAB	21	36	2
15K61A05B9	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	41	2
15K61A05B9	RT4105N	SOFTWARE TESTING LAB	20	40	2
15K61A05B9	RT4105O	HADOOP AND BIGDATA LAB	18	42	2
15K61A05C0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	47	3
15K61A05C0	RT41052	UML AND DESIGN PATTERNS	19	33	3
15K61A05C0	RT41053	MOBILE COMPUTING	25	45	3
15K61A05C0	RT41054	SOFTWARE TESTING METHODOLOGIES	20	34	3
15K61A05C0	RT4105B	HADOOP AND BIG DATA	23	33	3
15K61A05C0	RT4105L	UML AND DESIGN PATTERNS LAB	20	37	2
15K61A05C0	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	24	2
15K61A05C0	RT4105N	SOFTWARE TESTING LAB	19	38	2
15K61A05C0	RT4105O	HADOOP AND BIGDATA LAB	19	39	2
15K61A1201	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	40	3
15K61A1201	RT41052	UML AND DESIGN PATTERNS	25	43	3
15K61A1201	RT41053	MOBILE COMPUTING	28	36	3
15K61A1201	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	52	3
15K61A1201	RT4105C	SOFTWARE PROJECT MANAGEMENT	22	50	3
15K61A1201	RT4112L	UML AND DESIGN PATTERNS LAB	21	42	2
15K61A1201	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
15K61A1201	RT4112N	SOFTWARE ENGINEERING LAB	21	40	2
15K61A1201	RT4112O	HADOOP AND BIGDATA LAB	21	40	2
15K61A1202	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	65	3
15K61A1202	RT41052	UML AND DESIGN PATTERNS	27	34	3
15K61A1202	RT41053	MOBILE COMPUTING	29	49	3
15K61A1202	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	41	3
15K61A1202	RT4105B	HADOOP AND BIG DATA	24	56	3
15K61A1202	RT4112L	UML AND DESIGN PATTERNS LAB	23	44	2
15K61A1202	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
15K61A1202	RT4112N	SOFTWARE ENGINEERING LAB	23	44	2
15K61A1202	RT4112O	HADOOP AND BIGDATA LAB	22	42	2
15K61A1203	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	60	3
15K61A1203	RT41052	UML AND DESIGN PATTERNS	23	58	3
15K61A1203	RT41053	MOBILE COMPUTING	25	45	3
15K61A1203	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	42	3
15K61A1203	RT4105C	SOFTWARE PROJECT MANAGEMENT	25	47	3
15K61A1203	RT4112L	UML AND DESIGN PATTERNS LAB	23	43	2
15K61A1203	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
15K61A1203	RT4112N	SOFTWARE ENGINEERING LAB	22	44	2
15K61A1203	RT4112O	HADOOP AND BIGDATA LAB	22	39	2
15K61A1204	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	39	3



Htno	Subcode	Subname	Internal	External	Credits
15K61A1204	RT41052	UML AND DESIGN PATTERNS	25	37	3
15K61A1204	RT41053	MOBILE COMPUTING	28	40	3
15K61A1204	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	42	3
15K61A1204	RT4105B	HADOOP AND BIG DATA	26	42	3
15K61A1204	RT4112L	UML AND DESIGN PATTERNS LAB	23	46	2
15K61A1204	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
15K61A1204	RT4112N	SOFTWARE ENGINEERING LAB	23	46	2
15K61A1204	RT4112O	HADOOP AND BIGDATA LAB	23	48	2
15K61A1205	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	30	3
15K61A1205	RT41052	UML AND DESIGN PATTERNS	19	32	3
15K61A1205	RT41053	MOBILE COMPUTING	21	39	3
15K61A1205	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	31	3
15K61A1205	RT4105C	SOFTWARE PROJECT MANAGEMENT	24	47	3
15K61A1205	RT4112L	UML AND DESIGN PATTERNS LAB	21	39	2
15K61A1205	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
15K61A1205	RT4112N	SOFTWARE ENGINEERING LAB	21	40	2
15K61A1205	RT4112O	HADOOP AND BIGDATA LAB	22	40	2
15K61A1206	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	33	3
15K61A1206	RT41052	UML AND DESIGN PATTERNS	20	30	3
15K61A1206	RT41053	MOBILE COMPUTING	22	37	3
15K61A1206	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	36	3
15K61A1206	RT4105C	SOFTWARE PROJECT MANAGEMENT	21	34	3
15K61A1206	RT4112L	UML AND DESIGN PATTERNS LAB	19	38	2
15K61A1206	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	30	2
15K61A1206	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
15K61A1206	RT4112O	HADOOP AND BIGDATA LAB	19	30	2
15K61A1207	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	47	3
15K61A1207	RT41052	UML AND DESIGN PATTERNS	23	43	3
15K61A1207	RT41053	MOBILE COMPUTING	27	36	3
15K61A1207	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	35	3
15K61A1207	RT4105B	HADOOP AND BIG DATA	25	47	3
15K61A1207	RT4112L	UML AND DESIGN PATTERNS LAB	23	46	2
15K61A1207	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A1207	RT4112N	SOFTWARE ENGINEERING LAB	22	48	2
15K61A1207	RT4112O	HADOOP AND BIGDATA LAB	23	45	2
15K61A1208	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	34	3
15K61A1208	RT41052	UML AND DESIGN PATTERNS	25	33	3
15K61A1208	RT41053	MOBILE COMPUTING	27	38	3
15K61A1208	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	38	3
15K61A1208	RT4105C	SOFTWARE PROJECT MANAGEMENT	26	39	3
15K61A1208	RT4112L	UML AND DESIGN PATTERNS LAB	21	35	2
15K61A1208	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	42	2
15K61A1208	RT4112N	SOFTWARE ENGINEERING LAB	21	38	2
15K61A1208	RT4112O	HADOOP AND BIGDATA LAB	22	32	2
15K61A1211	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15K61A1211	RT41052	UML AND DESIGN PATTERNS	23	36	3
15K61A1211	RT41053	MOBILE COMPUTING	27	37	3
15K61A1211	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	26	3
15K61A1211	RT4105B	HADOOP AND BIG DATA	23	48	3
15K61A1211	RT4112L	UML AND DESIGN PATTERNS LAB	21	37	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A1211	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
15K61A1211	RT4112N	SOFTWARE ENGINEERING LAB	22	40	2
15K61A1211	RT4112O	HADOOP AND BIGDATA LAB	21	32	2
15K61A1212	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	41	3
15K61A1212	RT41052	UML AND DESIGN PATTERNS	22	35	3
15K61A1212	RT41053	MOBILE COMPUTING	24	31	3
15K61A1212	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	35	3
15K61A1212	RT4105C	SOFTWARE PROJECT MANAGEMENT	28	49	3
15K61A1212	RT4112L	UML AND DESIGN PATTERNS LAB	23	44	2
15K61A1212	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15K61A1212	RT4112N	SOFTWARE ENGINEERING LAB	21	44	2
15K61A1212	RT4112O	HADOOP AND BIGDATA LAB	21	33	2
15K61A1213	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	45	3
15K61A1213	RT41052	UML AND DESIGN PATTERNS	22	49	3
15K61A1213	RT41053	MOBILE COMPUTING	25	45	3
15K61A1213	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	51	3
15K61A1213	RT4105C	SOFTWARE PROJECT MANAGEMENT	24	47	3
15K61A1213	RT4112L	UML AND DESIGN PATTERNS LAB	21	42	2
15K61A1213	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	47	2
15K61A1213	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
15K61A1213	RT4112O	HADOOP AND BIGDATA LAB	22	38	2
15K61A1214	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	31	3
15K61A1214	RT41052	UML AND DESIGN PATTERNS	25	38	3
15K61A1214	RT41053	MOBILE COMPUTING	24	34	3
15K61A1214	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	33	3
15K61A1214	RT4105C	SOFTWARE PROJECT MANAGEMENT	25	39	3
15K61A1214	RT4112L	UML AND DESIGN PATTERNS LAB	21	40	2
15K61A1214	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15K61A1214	RT4112N	SOFTWARE ENGINEERING LAB	23	34	2
15K61A1214	RT4112O	HADOOP AND BIGDATA LAB	18	30	2
15K61A1215	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
15K61A1215	RT41052	UML AND DESIGN PATTERNS	15	33	3
15K61A1215	RT41053	MOBILE COMPUTING	20	11	0
15K61A1215	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	24	3
15K61A1215	RT4105B	HADOOP AND BIG DATA	19	16	0
15K61A1215	RT4112L	UML AND DESIGN PATTERNS LAB	20	30	2
15K61A1215	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	32	2
15K61A1215	RT4112N	SOFTWARE ENGINEERING LAB	18	30	2
15K61A1215	RT4112O	HADOOP AND BIGDATA LAB	22	37	2
15K61A1216	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	34	3
15K61A1216	RT41052	UML AND DESIGN PATTERNS	20	34	3
15K61A1216	RT41053	MOBILE COMPUTING	23	39	3
15K61A1216	RT41056	INFORMATION RETRIEVAL SYSTEMS	11	29	3
15K61A1216	RT4105B	HADOOP AND BIG DATA	25	32	3
15K61A1216	RT4112L	UML AND DESIGN PATTERNS LAB	22	39	2
15K61A1216	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	16	29	2
15K61A1216	RT4112N	SOFTWARE ENGINEERING LAB	20	38	2
15K61A1216	RT4112O	HADOOP AND BIGDATA LAB	20	33	2
15K61A1217	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	51	3
15K61A1217	RT41052	UML AND DESIGN PATTERNS	23	44	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A1217	RT41053	MOBILE COMPUTING	21	40	3
15K61A1217	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	37	3
15K61A1217	RT4105B	HADOOP AND BIG DATA	22	47	3
15K61A1217	RT4112L	UML AND DESIGN PATTERNS LAB	21	39	2
15K61A1217	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	39	2
15K61A1217	RT4112N	SOFTWARE ENGINEERING LAB	18	34	2
15K61A1217	RT4112O	HADOOP AND BIGDATA LAB	20	46	2
15K61A1218	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	36	3
15K61A1218	RT41052	UML AND DESIGN PATTERNS	26	55	3
15K61A1218	RT41053	MOBILE COMPUTING	23	37	3
15K61A1218	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	38	3
15K61A1218	RT4105C	SOFTWARE PROJECT MANAGEMENT	27	48	3
15K61A1218	RT4112L	UML AND DESIGN PATTERNS LAB	23	48	2
15K61A1218	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15K61A1218	RT4112N	SOFTWARE ENGINEERING LAB	23	48	2
15K61A1218	RT4112O	HADOOP AND BIGDATA LAB	22	40	2
15K61A1219	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	40	3
15K61A1219	RT41052	UML AND DESIGN PATTERNS	24	43	3
15K61A1219	RT41053	MOBILE COMPUTING	25	34	3
15K61A1219	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	34	3
15K61A1219	RT4105B	HADOOP AND BIG DATA	26	50	3
15K61A1219	RT4112L	UML AND DESIGN PATTERNS LAB	23	44	2
15K61A1219	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15K61A1219	RT4112N	SOFTWARE ENGINEERING LAB	22	45	2
15K61A1219	RT4112O	HADOOP AND BIGDATA LAB	22	40	2
15K61A1220	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	53	3
15K61A1220	RT41052	UML AND DESIGN PATTERNS	24	51	3
15K61A1220	RT41053	MOBILE COMPUTING	24	38	3
15K61A1220	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	35	3
15K61A1220	RT4105C	SOFTWARE PROJECT MANAGEMENT	30	44	3
15K61A1220	RT4112L	UML AND DESIGN PATTERNS LAB	23	45	2
15K61A1220	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
15K61A1220	RT4112N	SOFTWARE ENGINEERING LAB	23	46	2
15K61A1220	RT4112O	HADOOP AND BIGDATA LAB	22	33	2
15K61A1221	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	40	3
15K61A1221	RT41052	UML AND DESIGN PATTERNS	26	32	3
15K61A1221	RT41053	MOBILE COMPUTING	27	35	3
15K61A1221	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	44	3
15K61A1221	RT4105C	SOFTWARE PROJECT MANAGEMENT	27	41	3
15K61A1221	RT4112L	UML AND DESIGN PATTERNS LAB	21	38	2
15K61A1221	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	36	2
15K61A1221	RT4112N	SOFTWARE ENGINEERING LAB	19	39	2
15K61A1221	RT4112O	HADOOP AND BIGDATA LAB	19	36	2
15K61A1223	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	42	3
15K61A1223	RT41052	UML AND DESIGN PATTERNS	24	40	3
15K61A1223	RT41053	MOBILE COMPUTING	23	32	3
15K61A1223	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	42	3
15K61A1223	RT4105C	SOFTWARE PROJECT MANAGEMENT	25	46	3
15K61A1223	RT4112L	UML AND DESIGN PATTERNS LAB	22	38	2
15K61A1223	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A1223	RT4112N	SOFTWARE ENGINEERING LAB	22	42	2
15K61A1223	RT4112O	HADOOP AND BIGDATA LAB	12	41	2
15K61A1224	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	43	3
15K61A1224	RT41052	UML AND DESIGN PATTERNS	24	48	3
15K61A1224	RT41053	MOBILE COMPUTING	27	36	3
15K61A1224	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	41	3
15K61A1224	RT4105C	SOFTWARE PROJECT MANAGEMENT	27	31	3
15K61A1224	RT4112L	UML AND DESIGN PATTERNS LAB	21	40	2
15K61A1224	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	42	2
15K61A1224	RT4112N	SOFTWARE ENGINEERING LAB	22	42	2
15K61A1224	RT4112O	HADOOP AND BIGDATA LAB	20	38	2
15K61A1226	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	39	3
15K61A1226	RT41052	UML AND DESIGN PATTERNS	24	28	3
15K61A1226	RT41053	MOBILE COMPUTING	19	50	3
15K61A1226	RT41056	INFORMATION RETRIEVAL SYSTEMS	18	14	0
15K61A1226	RT4105B	HADOOP AND BIG DATA	17	16	0
15K61A1226	RT4112L	UML AND DESIGN PATTERNS LAB	20	38	2
15K61A1226	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	28	2
15K61A1226	RT4112N	SOFTWARE ENGINEERING LAB	21	38	2
15K61A1226	RT4112O	HADOOP AND BIGDATA LAB	22	20	2
15K61A1227	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	51	3
15K61A1227	RT41052	UML AND DESIGN PATTERNS	25	47	3
15K61A1227	RT41053	MOBILE COMPUTING	26	41	3
15K61A1227	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	33	3
15K61A1227	RT4105C	SOFTWARE PROJECT MANAGEMENT	27	55	3
15K61A1227	RT4112L	UML AND DESIGN PATTERNS LAB	23	42	2
15K61A1227	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
15K61A1227	RT4112N	SOFTWARE ENGINEERING LAB	23	42	2
15K61A1227	RT4112O	HADOOP AND BIGDATA LAB	22	35	2
15K61A1228	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	31	3
15K61A1228	RT41052	UML AND DESIGN PATTERNS	21	31	3
15K61A1228	RT41053	MOBILE COMPUTING	24	39	3
15K61A1228	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	27	3
15K61A1228	RT4105B	HADOOP AND BIG DATA	20	26	3
15K61A1228	RT4112L	UML AND DESIGN PATTERNS LAB	22	40	2
15K61A1228	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	40	2
15K61A1228	RT4112N	SOFTWARE ENGINEERING LAB	22	36	2
15K61A1228	RT4112O	HADOOP AND BIGDATA LAB	20	30	2
15K61A1229	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	31	3
15K61A1229	RT41052	UML AND DESIGN PATTERNS	21	36	3
15K61A1229	RT41053	MOBILE COMPUTING	27	31	3
15K61A1229	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	35	3
15K61A1229	RT4105C	SOFTWARE PROJECT MANAGEMENT	26	37	3
15K61A1229	RT4112L	UML AND DESIGN PATTERNS LAB	22	37	2
15K61A1229	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	38	2
15K61A1229	RT4112N	SOFTWARE ENGINEERING LAB	21	36	2
15K61A1229	RT4112O	HADOOP AND BIGDATA LAB	21	36	2
15K61A1230	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	49	3
15K61A1230	RT41052	UML AND DESIGN PATTERNS	26	37	3
15K61A1230	RT41053	MOBILE COMPUTING	27	46	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A1230	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	51	3
15K61A1230	RT4105B	HADOOP AND BIG DATA	24	60	3
15K61A1230	RT4112L	UML AND DESIGN PATTERNS LAB	22	43	2
15K61A1230	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
15K61A1230	RT4112N	SOFTWARE ENGINEERING LAB	23	44	2
15K61A1230	RT4112O	HADOOP AND BIGDATA LAB	22	40	2
15K61A1231	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	46	3
15K61A1231	RT41052	UML AND DESIGN PATTERNS	17	45	3
15K61A1231	RT41053	MOBILE COMPUTING	19	33	3
15K61A1231	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	8	0
15K61A1231	RT4105B	HADOOP AND BIG DATA	19	28	3
15K61A1231	RT4112L	UML AND DESIGN PATTERNS LAB	17	30	2
15K61A1231	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	37	2
15K61A1231	RT4112N	SOFTWARE ENGINEERING LAB	20	30	2
15K61A1231	RT4112O	HADOOP AND BIGDATA LAB	19	36	2
15K61A1232	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	32	3
15K61A1232	RT41052	UML AND DESIGN PATTERNS	21	25	3
15K61A1232	RT41053	MOBILE COMPUTING	22	39	3
15K61A1232	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	35	3
15K61A1232	RT4105C	SOFTWARE PROJECT MANAGEMENT	21	36	3
15K61A1232	RT4112L	UML AND DESIGN PATTERNS LAB	19	32	2
15K61A1232	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	41	2
15K61A1232	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
15K61A1232	RT4112O	HADOOP AND BIGDATA LAB	19	40	2
15K61A1233	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	28	3
15K61A1233	RT41052	UML AND DESIGN PATTERNS	25	37	3
15K61A1233	RT41053	MOBILE COMPUTING	25	31	3
15K61A1233	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	45	3
15K61A1233	RT4105C	SOFTWARE PROJECT MANAGEMENT	29	38	3
15K61A1233	RT4112L	UML AND DESIGN PATTERNS LAB	23	48	2
15K61A1233	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15K61A1233	RT4112N	SOFTWARE ENGINEERING LAB	23	46	2
15K61A1233	RT4112O	HADOOP AND BIGDATA LAB	23	42	2
15K61A1234	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	45	3
15K61A1234	RT41052	UML AND DESIGN PATTERNS	22	38	3
15K61A1234	RT41053	MOBILE COMPUTING	27	33	3
15K61A1234	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	30	3
15K61A1234	RT4105B	HADOOP AND BIG DATA	21	32	3
15K61A1234	RT4112L	UML AND DESIGN PATTERNS LAB	22	48	2
15K61A1234	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	36	2
15K61A1234	RT4112N	SOFTWARE ENGINEERING LAB	22	42	2
15K61A1234	RT4112O	HADOOP AND BIGDATA LAB	22	48	2
15K61A1235	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	50	3
15K61A1235	RT41052	UML AND DESIGN PATTERNS	18	40	3
15K61A1235	RT41053	MOBILE COMPUTING	23	27	3
15K61A1235	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	35	3
15K61A1235	RT4105B	HADOOP AND BIG DATA	19	18	0
15K61A1235	RT4112L	UML AND DESIGN PATTERNS LAB	16	30	2
15K61A1235	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	39	2
15K61A1235	RT4112N	SOFTWARE ENGINEERING LAB	18	30	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A1235	RT4112O	HADOOP AND BIGDATA LAB	18	30	2
15K61A1236	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	31	3
15K61A1236	RT41052	UML AND DESIGN PATTERNS	23	35	3
15K61A1236	RT41053	MOBILE COMPUTING	26	43	3
15K61A1236	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	37	3
15K61A1236	RT4105B	HADOOP AND BIG DATA	23	52	3
15K61A1236	RT4112L	UML AND DESIGN PATTERNS LAB	22	47	2
15K61A1236	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
15K61A1236	RT4112N	SOFTWARE ENGINEERING LAB	22	44	2
15K61A1236	RT4112O	HADOOP AND BIGDATA LAB	22	41	2
15K61A1238	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	12	0
15K61A1238	RT41052	UML AND DESIGN PATTERNS	18	39	3
15K61A1238	RT41053	MOBILE COMPUTING	21	15	0
15K61A1238	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	28	3
15K61A1238	RT4105B	HADOOP AND BIG DATA	17	27	3
15K61A1238	RT4112L	UML AND DESIGN PATTERNS LAB	22	33	2
15K61A1238	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	30	2
15K61A1238	RT4112N	SOFTWARE ENGINEERING LAB	22	40	2
15K61A1238	RT4112O	HADOOP AND BIGDATA LAB	18	24	2
15K61A1239	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	46	3
15K61A1239	RT41052	UML AND DESIGN PATTERNS	22	36	3
15K61A1239	RT41053	MOBILE COMPUTING	23	51	3
15K61A1239	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	33	3
15K61A1239	RT4105C	SOFTWARE PROJECT MANAGEMENT	26	43	3
15K61A1239	RT4112L	UML AND DESIGN PATTERNS LAB	23	40	2
15K61A1239	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
15K61A1239	RT4112N	SOFTWARE ENGINEERING LAB	20	38	2
15K61A1239	RT4112O	HADOOP AND BIGDATA LAB	22	38	2
15K61A1240	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	40	3
15K61A1240	RT41052	UML AND DESIGN PATTERNS	22	43	3
15K61A1240	RT41053	MOBILE COMPUTING	23	34	3
15K61A1240	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	35	3
15K61A1240	RT4105C	SOFTWARE PROJECT MANAGEMENT	29	35	3
15K61A1240	RT4112L	UML AND DESIGN PATTERNS LAB	21	48	2
15K61A1240	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A1240	RT4112N	SOFTWARE ENGINEERING LAB	22	46	2
15K61A1240	RT4112O	HADOOP AND BIGDATA LAB	21	44	2
15K61A1241	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	24	3
15K61A1241	RT41052	UML AND DESIGN PATTERNS	20	24	3
15K61A1241	RT41053	MOBILE COMPUTING	21	33	3
15K61A1241	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	29	3
15K61A1241	RT4105B	HADOOP AND BIG DATA	19	29	3
15K61A1241	RT4112L	UML AND DESIGN PATTERNS LAB	18	30	2
15K61A1241	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	32	2
15K61A1241	RT4112N	SOFTWARE ENGINEERING LAB	19	32	2
15K61A1241	RT4112O	HADOOP AND BIGDATA LAB	17	32	2
15K61A1242	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	37	3
15K61A1242	RT41052	UML AND DESIGN PATTERNS	26	52	3
15K61A1242	RT41053	MOBILE COMPUTING	27	39	3
15K61A1242	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	49	3

Htno	Subcode	Subname	Internal	External	Credits
15K61A1242	RT4105B	HADOOP AND BIG DATA	27	57	3
15K61A1242	RT4112L	UML AND DESIGN PATTERNS LAB	23	47	2
15K61A1242	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
15K61A1242	RT4112N	SOFTWARE ENGINEERING LAB	23	48	2
15K61A1242	RT4112O	HADOOP AND BIGDATA LAB	22	45	2
15K61A1243	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	42	3
15K61A1243	RT41052	UML AND DESIGN PATTERNS	27	42	3
15K61A1243	RT41053	MOBILE COMPUTING	27	49	3
15K61A1243	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	38	3
15K61A1243	RT4105C	SOFTWARE PROJECT MANAGEMENT	27	48	3
15K61A1243	RT4112L	UML AND DESIGN PATTERNS LAB	23	45	2
15K61A1243	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
15K61A1243	RT4112N	SOFTWARE ENGINEERING LAB	22	48	2
15K61A1243	RT4112O	HADOOP AND BIGDATA LAB	21	40	2
15K61A1244	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	57	3
15K61A1244	RT41052	UML AND DESIGN PATTERNS	26	53	3
15K61A1244	RT41053	MOBILE COMPUTING	28	43	3
15K61A1244	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	39	3
15K61A1244	RT4105B	HADOOP AND BIG DATA	27	56	3
15K61A1244	RT4112L	UML AND DESIGN PATTERNS LAB	23	47	2
15K61A1244	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	39	2
15K61A1244	RT4112N	SOFTWARE ENGINEERING LAB	22	46	2
15K61A1244	RT4112O	HADOOP AND BIGDATA LAB	21	46	2
15K61A1245	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	29	3
15K61A1245	RT41052	UML AND DESIGN PATTERNS	21	48	3
15K61A1245	RT41053	MOBILE COMPUTING	25	37	3
15K61A1245	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	29	3
15K61A1245	RT4105B	HADOOP AND BIG DATA	20	38	3
15K61A1245	RT4112L	UML AND DESIGN PATTERNS LAB	23	45	2
15K61A1245	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	48	2
15K61A1245	RT4112N	SOFTWARE ENGINEERING LAB	21	46	2
15K61A1245	RT4112O	HADOOP AND BIGDATA LAB	23	44	2
15K61A1246	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	25	3
15K61A1246	RT41052	UML AND DESIGN PATTERNS	15	26	3
15K61A1246	RT41053	MOBILE COMPUTING	21	12	0
15K61A1246	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	30	3
15K61A1246	RT4105B	HADOOP AND BIG DATA	18	16	0
15K61A1246	RT4112L	UML AND DESIGN PATTERNS LAB	17	30	2
15K61A1246	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	17	28	2
15K61A1246	RT4112N	SOFTWARE ENGINEERING LAB	19	30	2
15K61A1246	RT4112O	HADOOP AND BIGDATA LAB	18	30	2
15K61A1247	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	26	3
15K61A1247	RT41052	UML AND DESIGN PATTERNS	18	33	3
15K61A1247	RT41053	MOBILE COMPUTING	24	45	3
15K61A1247	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	29	3
15K61A1247	RT4105B	HADOOP AND BIG DATA	22	41	3
15K61A1247	RT4112L	UML AND DESIGN PATTERNS LAB	17	36	2
15K61A1247	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	40	2
15K61A1247	RT4112N	SOFTWARE ENGINEERING LAB	20	34	2
15K61A1247	RT4112O	HADOOP AND BIGDATA LAB	21	34	2

Htno	Subcode	Subname	Internal	External	Credits
15K61A1248	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	61	3
15K61A1248	RT41052	UML AND DESIGN PATTERNS	26	43	3
15K61A1248	RT41053	MOBILE COMPUTING	26	41	3
15K61A1248	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	39	3
15K61A1248	RT4105B	HADOOP AND BIG DATA	27	53	3
15K61A1248	RT4112L	UML AND DESIGN PATTERNS LAB	23	48	2
15K61A1248	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
15K61A1248	RT4112N	SOFTWARE ENGINEERING LAB	21	48	2
15K61A1248	RT4112O	HADOOP AND BIGDATA LAB	23	48	2
15K61A1249	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	29	3
15K61A1249	RT41052	UML AND DESIGN PATTERNS	20	28	3
15K61A1249	RT41053	MOBILE COMPUTING	23	45	3
15K61A1249	RT41056	INFORMATION RETRIEVAL SYSTEMS	16	11	0
15K61A1249	RT4105B	HADOOP AND BIG DATA	22	31	3
15K61A1249	RT4112L	UML AND DESIGN PATTERNS LAB	19	30	2
15K61A1249	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	17	35	2
15K61A1249	RT4112N	SOFTWARE ENGINEERING LAB	20	32	2
15K61A1249	RT4112O	HADOOP AND BIGDATA LAB	20	33	2
15K61A1250	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	25	3
15K61A1250	RT41052	UML AND DESIGN PATTERNS	26	47	3
15K61A1250	RT41053	MOBILE COMPUTING	25	39	3
15K61A1250	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	43	3
15K61A1250	RT4105B	HADOOP AND BIG DATA	24	54	3
15K61A1250	RT4112L	UML AND DESIGN PATTERNS LAB	21	46	2
15K61A1250	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
15K61A1250	RT4112N	SOFTWARE ENGINEERING LAB	23	48	2
15K61A1250	RT4112O	HADOOP AND BIGDATA LAB	21	45	2
15K61A1251	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	38	3
15K61A1251	RT41052	UML AND DESIGN PATTERNS	25	41	3
15K61A1251	RT41053	MOBILE COMPUTING	20	32	3
15K61A1251	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	24	3
15K61A1251	RT4105B	HADOOP AND BIG DATA	26	46	3
15K61A1251	RT4112L	UML AND DESIGN PATTERNS LAB	22	44	2
15K61A1251	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	39	2
15K61A1251	RT4112N	SOFTWARE ENGINEERING LAB	19	46	2
15K61A1251	RT4112O	HADOOP AND BIGDATA LAB	24	49	2
15K61A1252	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	51	3
15K61A1252	RT41052	UML AND DESIGN PATTERNS	19	41	3
15K61A1252	RT41053	MOBILE COMPUTING	25	40	3
15K61A1252	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	42	3
15K61A1252	RT4105C	SOFTWARE PROJECT MANAGEMENT	24	38	3
15K61A1252	RT4112L	UML AND DESIGN PATTERNS LAB	18	37	2
15K61A1252	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	17	21	2
15K61A1252	RT4112N	SOFTWARE ENGINEERING LAB	20	38	2
15K61A1252	RT4112O	HADOOP AND BIGDATA LAB	18	40	2
15K61A1253	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	29	3
15K61A1253	RT41052	UML AND DESIGN PATTERNS	22	44	3
15K61A1253	RT41053	MOBILE COMPUTING	25	34	3
15K61A1253	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	29	3
15K61A1253	RT4105B	HADOOP AND BIG DATA	23	52	3



Htno	Subcode	Subname	Internal	External	Credits
15K61A1253	RT4112L	UML AND DESIGN PATTERNS LAB	21	40	2
15K61A1253	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	35	2
15K61A1253	RT4112N	SOFTWARE ENGINEERING LAB	21	40	2
15K61A1253	RT4112O	HADOOP AND BIGDATA LAB	21	38	2
15K61A1254	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	34	3
15K61A1254	RT41052	UML AND DESIGN PATTERNS	20	36	3
15K61A1254	RT41053	MOBILE COMPUTING	24	29	3
15K61A1254	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	34	3
15K61A1254	RT4105B	HADOOP AND BIG DATA	23	36	3
15K61A1254	RT4112L	UML AND DESIGN PATTERNS LAB	21	40	2
15K61A1254	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	35	2
15K61A1254	RT4112N	SOFTWARE ENGINEERING LAB	21	40	2
15K61A1254	RT4112O	HADOOP AND BIGDATA LAB	20	39	2
15K61A1255	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	48	3
15K61A1255	RT41052	UML AND DESIGN PATTERNS	25	49	3
15K61A1255	RT41053	MOBILE COMPUTING	26	47	3
15K61A1255	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	24	3
15K61A1255	RT4105B	HADOOP AND BIG DATA	20	36	3
15K61A1255	RT4112L	UML AND DESIGN PATTERNS LAB	23	45	2
15K61A1255	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
15K61A1255	RT4112N	SOFTWARE ENGINEERING LAB	22	46	2
15K61A1255	RT4112O	HADOOP AND BIGDATA LAB	21	44	2
15K61A1256	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	47	3
15K61A1256	RT41052	UML AND DESIGN PATTERNS	23	49	3
15K61A1256	RT41053	MOBILE COMPUTING	22	36	3
15K61A1256	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	29	3
15K61A1256	RT4105C	SOFTWARE PROJECT MANAGEMENT	24	47	3
15K61A1256	RT4112L	UML AND DESIGN PATTERNS LAB	22	44	2
15K61A1256	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
15K61A1256	RT4112N	SOFTWARE ENGINEERING LAB	22	42	2
15K61A1256	RT4112O	HADOOP AND BIGDATA LAB	22	40	2
15K61A1257	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	29	36	3
15K61A1257	RT41052	UML AND DESIGN PATTERNS	24	42	3
15K61A1257	RT41053	MOBILE COMPUTING	27	41	3
15K61A1257	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	37	3
15K61A1257	RT4105C	SOFTWARE PROJECT MANAGEMENT	28	45	3
15K61A1257	RT4112L	UML AND DESIGN PATTERNS LAB	23	49	2
15K61A1257	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
15K61A1257	RT4112N	SOFTWARE ENGINEERING LAB	23	49	2
15K61A1257	RT4112O	HADOOP AND BIGDATA LAB	23	47	2
15K61A1258	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	36	3
15K61A1258	RT41052	UML AND DESIGN PATTERNS	21	28	3
15K61A1258	RT41053	MOBILE COMPUTING	25	31	3
15K61A1258	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	40	3
15K61A1258	RT4105B	HADOOP AND BIG DATA	19	46	3
15K61A1258	RT4112L	UML AND DESIGN PATTERNS LAB	21	35	2
15K61A1258	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	18	32	2
15K61A1258	RT4112N	SOFTWARE ENGINEERING LAB	21	39	2
15K61A1258	RT4112O	HADOOP AND BIGDATA LAB	19	38	2
15K65A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	26	3

Htno	Subcode	Subname	Internal	External	Credits
15K65A0302	RT41031	AUTOMOBILE ENGINEERING	5	41	3
15NN1A1248	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	53	3
15NN1A1248	RT41052	UML AND DESIGN PATTERNS	23	47	3
15NN1A1248	RT41053	MOBILE COMPUTING	25	40	3
15NN1A1248	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	32	3
15NN1A1248	RT4105C	SOFTWARE PROJECT MANAGEMENT	26	39	3
15NN1A1248	RT4112L	UML AND DESIGN PATTERNS LAB	21	39	2
15NN1A1248	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
15NN1A1248	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
15NN1A1248	RT4112O	HADOOP AND BIGDATA LAB	17	20	2
16HE5A0313	RT41031	AUTOMOBILE ENGINEERING	25	42	3
16HE5A0313	RT41032	CAD / CAM	20	34	3
16HE5A0313	RT41033	FINITE ELEMENT METHODS	20	24	3
16HE5A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	42	3
16HE5A0313	RT41036	NANO TECHNOLOGY	19	39	3
16HE5A0313	RT41039	AUTOMATION IN MANUFACTURING	25	41	3
16HE5A0313	RT4103L	SIMULATION LAB	20	44	2
16HE5A0313	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16K65A0101	RT41011	ENVIRONMENTAL ENGINEERING- II	28	48	3
16K65A0101	RT41012	PRESTRESSED CONCRETE	28	64	3
16K65A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	44	3
16K65A0101	RT41014	WATER RESOURCES ENGINEERING - II	28	52	3
16K65A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	51	3
16K65A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	66	3
16K65A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	44	2
16K65A0101	RT4101M	GIS AND CAD LAB	22	34	2
16K65A0102	RT41011	ENVIRONMENTAL ENGINEERING- II	28	47	3
16K65A0102	RT41012	PRESTRESSED CONCRETE	27	48	3
16K65A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	45	3
16K65A0102	RT41014	WATER RESOURCES ENGINEERING - II	27	35	3
16K65A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	70	3
16K65A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	49	3
16K65A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
16K65A0102	RT4101M	GIS AND CAD LAB	20	29	2
16K65A0103	RT41011	ENVIRONMENTAL ENGINEERING- II	25	50	3
16K65A0103	RT41012	PRESTRESSED CONCRETE	29	70	3
16K65A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	39	3
16K65A0103	RT41014	WATER RESOURCES ENGINEERING - II	26	66	3
16K65A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	51	3
16K65A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	55	3
16K65A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
16K65A0103	RT4101M	GIS AND CAD LAB	18	30	2
16K65A0104	RT41011	ENVIRONMENTAL ENGINEERING- II	25	33	3
16K65A0104	RT41012	PRESTRESSED CONCRETE	27	49	3
16K65A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	29	3
16K65A0104	RT41014	WATER RESOURCES ENGINEERING - II	25	46	3
16K65A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	57	3
16K65A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	37	3
16K65A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	37	2
16K65A0104	RT4101M	GIS AND CAD LAB	20	29	2

Htno	Subcode	Subname	Internal	External	Credits
16K65A0105	RT41011	ENVIRONMENTAL ENGINEERING- II	29	55	3
16K65A0105	RT41012	PRESTRESSED CONCRETE	28	66	3
16K65A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	60	3
16K65A0105	RT41014	WATER RESOURCES ENGINEERING - II	28	51	3
16K65A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	54	3
16K65A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	30	70	3
16K65A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	45	2
16K65A0105	RT4101M	GIS AND CAD LAB	21	33	2
16K65A0106	RT41011	ENVIRONMENTAL ENGINEERING- II	24	53	3
16K65A0106	RT41012	PRESTRESSED CONCRETE	28	56	3
16K65A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	62	3
16K65A0106	RT41014	WATER RESOURCES ENGINEERING - II	29	50	3
16K65A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	66	3
16K65A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	46	3
16K65A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
16K65A0106	RT4101M	GIS AND CAD LAB	18	30	2
16K65A0107	RT41011	ENVIRONMENTAL ENGINEERING- II	27	46	3
16K65A0107	RT41012	PRESTRESSED CONCRETE	25	66	3
16K65A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	21	38	3
16K65A0107	RT41014	WATER RESOURCES ENGINEERING - II	25	48	3
16K65A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	44	3
16K65A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	31	3
16K65A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	42	2
16K65A0107	RT4101M	GIS AND CAD LAB	21	32	2
16K65A0108	RT41011	ENVIRONMENTAL ENGINEERING- II	25	41	3
16K65A0108	RT41012	PRESTRESSED CONCRETE	29	45	3
16K65A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	55	3
16K65A0108	RT41014	WATER RESOURCES ENGINEERING - II	27	54	3
16K65A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	66	3
16K65A0108	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	47	3
16K65A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
16K65A0108	RT4101M	GIS AND CAD LAB	20	29	2
16K65A0109	RT41011	ENVIRONMENTAL ENGINEERING- II	29	53	3
16K65A0109	RT41012	PRESTRESSED CONCRETE	29	61	3
16K65A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	45	3
16K65A0109	RT41014	WATER RESOURCES ENGINEERING - II	29	46	3
16K65A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	61	3
16K65A0109	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	69	3
16K65A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
16K65A0109	RT4101M	GIS AND CAD LAB	20	31	2
16K65A0110	RT41011	ENVIRONMENTAL ENGINEERING- II	29	53	3
16K65A0110	RT41012	PRESTRESSED CONCRETE	30	56	3
16K65A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	42	3
16K65A0110	RT41014	WATER RESOURCES ENGINEERING - II	29	43	3
16K65A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	29	51	3
16K65A0110	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	44	3
16K65A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
16K65A0110	RT4101M	GIS AND CAD LAB	20	31	2
16K65A0112	RT41011	ENVIRONMENTAL ENGINEERING- II	26	38	3
16K65A0112	RT41012	PRESTRESSED CONCRETE	24	43	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	24	30	3
16K65A0112	RT41014	WATER RESOURCES ENGINEERING - II	25	49	3
16K65A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	46	3
16K65A0112	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	45	3
16K65A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	32	2
16K65A0112	RT4101M	GIS AND CAD LAB	18	8	0
16K65A0113	RT41011	ENVIRONMENTAL ENGINEERING- II	25	39	3
16K65A0113	RT41012	PRESTRESSED CONCRETE	29	44	3
16K65A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	42	3
16K65A0113	RT41014	WATER RESOURCES ENGINEERING - II	28	50	3
16K65A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	66	3
16K65A0113	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	46	3
16K65A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	21	44	2
16K65A0113	RT4101M	GIS AND CAD LAB	21	29	2
16K65A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	44	3
16K65A0201	RT41022	HVAC AND DC TRANSMISSION	23	28	3
16K65A0201	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	29	3
16K65A0201	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	22	47	3
16K65A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	46	3
16K65A0201	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	40	2
16K65A0201	RT4102M	ELECTRICAL SIMULATION LAB	20	44	2
16K65A0201	RT4102N	POWER SYSTEMS LAB	21	48	2
16K65A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	43	3
16K65A0202	RT41022	HVAC AND DC TRANSMISSION	28	56	3
16K65A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	58	3
16K65A0202	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	48	3
16K65A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	57	3
16K65A0202	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	48	2
16K65A0202	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
16K65A0202	RT4102N	POWER SYSTEMS LAB	25	48	2
16K65A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	65	3
16K65A0203	RT41022	HVAC AND DC TRANSMISSION	25	55	3
16K65A0203	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	62	3
16K65A0203	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	47	3
16K65A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	70	3
16K65A0203	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	32	2
16K65A0203	RT4102M	ELECTRICAL SIMULATION LAB	21	36	2
16K65A0203	RT4102N	POWER SYSTEMS LAB	21	40	2
16K65A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	47	3
16K65A0204	RT41022	HVAC AND DC TRANSMISSION	21	45	3
16K65A0204	RT41023	POWER SYSTEM OPERATION AND CONTROL	24	26	3
16K65A0204	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	39	3
16K65A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	41	3
16K65A0204	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	31	2
16K65A0204	RT4102M	ELECTRICAL SIMULATION LAB	19	25	2
16K65A0204	RT4102N	POWER SYSTEMS LAB	21	42	2
16K65A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	33	3
16K65A0205	RT41022	HVAC AND DC TRANSMISSION	21	32	3
16K65A0205	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	39	3
16K65A0205	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	41	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	40	3
16K65A0205	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	47	2
16K65A0205	RT4102M	ELECTRICAL SIMULATION LAB	20	41	2
16K65A0205	RT4102N	POWER SYSTEMS LAB	23	47	2
16K65A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	53	3
16K65A0206	RT41022	HVAC AND DC TRANSMISSION	23	38	3
16K65A0206	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	53	3
16K65A0206	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	26	45	3
16K65A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	60	3
16K65A0206	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	44	2
16K65A0206	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
16K65A0206	RT4102N	POWER SYSTEMS LAB	23	46	2
16K65A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	55	3
16K65A0207	RT41022	HVAC AND DC TRANSMISSION	22	49	3
16K65A0207	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	55	3
16K65A0207	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	36	3
16K65A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	70	3
16K65A0207	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	39	2
16K65A0207	RT4102M	ELECTRICAL SIMULATION LAB	22	37	2
16K65A0207	RT4102N	POWER SYSTEMS LAB	21	47	2
16K65A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	56	3
16K65A0208	RT41022	HVAC AND DC TRANSMISSION	25	42	3
16K65A0208	RT41023	POWER SYSTEM OPERATION AND CONTROL	28	36	3
16K65A0208	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	33	3
16K65A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	42	3
16K65A0208	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	24	48	2
16K65A0208	RT4102M	ELECTRICAL SIMULATION LAB	24	43	2
16K65A0208	RT4102N	POWER SYSTEMS LAB	22	49	2
16K65A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	31	3
16K65A0209	RT41022	HVAC AND DC TRANSMISSION	20	28	3
16K65A0209	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	37	3
16K65A0209	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	35	3
16K65A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	42	3
16K65A0209	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	35	2
16K65A0209	RT4102M	ELECTRICAL SIMULATION LAB	22	45	2
16K65A0209	RT4102N	POWER SYSTEMS LAB	24	47	2
16K65A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	37	3
16K65A0210	RT41022	HVAC AND DC TRANSMISSION	20	33	3
16K65A0210	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	34	3
16K65A0210	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	42	3
16K65A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	51	3
16K65A0210	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	13	40	2
16K65A0210	RT4102M	ELECTRICAL SIMULATION LAB	18	40	2
16K65A0210	RT4102N	POWER SYSTEMS LAB	17	44	2
16K65A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	56	3
16K65A0211	RT41022	HVAC AND DC TRANSMISSION	29	49	3
16K65A0211	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	44	3
16K65A0211	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	46	3
16K65A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	55	3
16K65A0211	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	25	45	2

Htno	Subcode	Subname	Internal	External	Credits
16K65A0211	RT4102M	ELECTRICAL SIMULATION LAB	22	48	2
16K65A0211	RT4102N	POWER SYSTEMS LAB	25	49	2
16K65A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	43	3
16K65A0212	RT41022	HVAC AND DC TRANSMISSION	24	33	3
16K65A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	28	3
16K65A0212	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	27	3
16K65A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	47	3
16K65A0212	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	42	2
16K65A0212	RT4102M	ELECTRICAL SIMULATION LAB	21	47	2
16K65A0212	RT4102N	POWER SYSTEMS LAB	22	45	2
16K65A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	45	3
16K65A0213	RT41022	HVAC AND DC TRANSMISSION	21	34	3
16K65A0213	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	45	3
16K65A0213	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	39	3
16K65A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	43	3
16K65A0213	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	43	2
16K65A0213	RT4102M	ELECTRICAL SIMULATION LAB	20	43	2
16K65A0213	RT4102N	POWER SYSTEMS LAB	21	46	2
16K65A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	38	3
16K65A0214	RT41022	HVAC AND DC TRANSMISSION	23	52	3
16K65A0214	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	50	3
16K65A0214	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	24	3
16K65A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	47	3
16K65A0214	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	35	2
16K65A0214	RT4102M	ELECTRICAL SIMULATION LAB	19	39	2
16K65A0214	RT4102N	POWER SYSTEMS LAB	22	37	2
16K65A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	66	3
16K65A0215	RT41022	HVAC AND DC TRANSMISSION	23	50	3
16K65A0215	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	61	3
16K65A0215	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	42	3
16K65A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	70	3
16K65A0215	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	38	2
16K65A0215	RT4102M	ELECTRICAL SIMULATION LAB	21	45	2
16K65A0215	RT4102N	POWER SYSTEMS LAB	23	47	2
16K65A0216	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	24	3
16K65A0216	RT41022	HVAC AND DC TRANSMISSION	29	44	3
16K65A0216	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	42	3
16K65A0216	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	47	3
16K65A0216	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	53	3
16K65A0216	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16K65A0216	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
16K65A0216	RT4102N	POWER SYSTEMS LAB	23	48	2
16K65A0217	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	32	3
16K65A0217	RT41022	HVAC AND DC TRANSMISSION	17	13	0
16K65A0217	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	24	3
16K65A0217	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	19	38	3
16K65A0217	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	29	3
16K65A0217	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	18	36	2
16K65A0217	RT4102M	ELECTRICAL SIMULATION LAB	17	38	2
16K65A0217	RT4102N	POWER SYSTEMS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	Credits
16K65A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	54	3
16K65A0218	RT41022	HVAC AND DC TRANSMISSION	19	39	3
16K65A0218	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	36	3
16K65A0218	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	23	24	3
16K65A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	51	3
16K65A0218	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	35	2
16K65A0218	RT4102M	ELECTRICAL SIMULATION LAB	22	44	2
16K65A0218	RT4102N	POWER SYSTEMS LAB	21	45	2
16K65A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	44	3
16K65A0219	RT41022	HVAC AND DC TRANSMISSION	20	47	3
16K65A0219	RT41023	POWER SYSTEM OPERATION AND CONTROL	20	31	3
16K65A0219	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	24	3
16K65A0219	RT41028	VLSI DESIGN	18	41	3
16K65A0219	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	48	2
16K65A0219	RT4102M	ELECTRICAL SIMULATION LAB	22	37	2
16K65A0219	RT4102N	POWER SYSTEMS LAB	21	45	2
16K65A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	60	3
16K65A0220	RT41022	HVAC AND DC TRANSMISSION	24	37	3
16K65A0220	RT41023	POWER SYSTEM OPERATION AND CONTROL	26	47	3
16K65A0220	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	36	3
16K65A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	70	3
16K65A0220	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16K65A0220	RT4102M	ELECTRICAL SIMULATION LAB	24	42	2
16K65A0220	RT4102N	POWER SYSTEMS LAB	24	49	2
16K65A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	50	3
16K65A0221	RT41022	HVAC AND DC TRANSMISSION	27	34	3
16K65A0221	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	47	3
16K65A0221	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	47	3
16K65A0221	RT41028	VLSI DESIGN	26	58	3
16K65A0221	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	47	2
16K65A0221	RT4102M	ELECTRICAL SIMULATION LAB	24	46	2
16K65A0221	RT4102N	POWER SYSTEMS LAB	24	49	2
16K65A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	38	3
16K65A0222	RT41022	HVAC AND DC TRANSMISSION	22	51	3
16K65A0222	RT41023	POWER SYSTEM OPERATION AND CONTROL	25	56	3
16K65A0222	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	52	3
16K65A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	45	3
16K65A0222	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	17	47	2
16K65A0222	RT4102M	ELECTRICAL SIMULATION LAB	16	42	2
16K65A0222	RT4102N	POWER SYSTEMS LAB	22	45	2
16K65A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	49	3
16K65A0223	RT41022	HVAC AND DC TRANSMISSION	23	49	3
16K65A0223	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	65	3
16K65A0223	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	40	3
16K65A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	45	3
16K65A0223	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	36	2
16K65A0223	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
16K65A0223	RT4102N	POWER SYSTEMS LAB	23	49	2
16K65A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	51	3
16K65A0224	RT41022	HVAC AND DC TRANSMISSION	24	46	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0224	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	34	3
16K65A0224	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	30	33	3
16K65A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	53	3
16K65A0224	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	22	49	2
16K65A0224	RT4102M	ELECTRICAL SIMULATION LAB	19	32	2
16K65A0224	RT4102N	POWER SYSTEMS LAB	21	48	2
16K65A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	38	3
16K65A0225	RT41022	HVAC AND DC TRANSMISSION	19	34	3
16K65A0225	RT41023	POWER SYSTEM OPERATION AND CONTROL	22	39	3
16K65A0225	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	32	3
16K65A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	61	3
16K65A0225	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	47	2
16K65A0225	RT4102M	ELECTRICAL SIMULATION LAB	21	36	2
16K65A0225	RT4102N	POWER SYSTEMS LAB	18	42	2
16K65A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	30	3
16K65A0226	RT41022	HVAC AND DC TRANSMISSION	30	34	3
16K65A0226	RT41023	POWER SYSTEM OPERATION AND CONTROL	29	42	3
16K65A0226	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	27	37	3
16K65A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	50	3
16K65A0226	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16K65A0226	RT4102M	ELECTRICAL SIMULATION LAB	17	46	2
16K65A0226	RT4102N	POWER SYSTEMS LAB	22	47	2
16K65A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
16K65A0227	RT41022	HVAC AND DC TRANSMISSION	26	48	3
16K65A0227	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	31	3
16K65A0227	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	39	3
16K65A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	51	3
16K65A0227	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	19	28	2
16K65A0227	RT4102M	ELECTRICAL SIMULATION LAB	19	45	2
16K65A0227	RT4102N	POWER SYSTEMS LAB	22	46	2
16K65A0228	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	64	3
16K65A0228	RT41022	HVAC AND DC TRANSMISSION	25	48	3
16K65A0228	RT41023	POWER SYSTEM OPERATION AND CONTROL	30	42	3
16K65A0228	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	24	50	3
16K65A0228	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	30	57	3
16K65A0228	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	20	49	2
16K65A0228	RT4102M	ELECTRICAL SIMULATION LAB	25	48	2
16K65A0228	RT4102N	POWER SYSTEMS LAB	24	50	2
16K65A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	51	3
16K65A0229	RT41022	HVAC AND DC TRANSMISSION	25	34	3
16K65A0229	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	42	3
16K65A0229	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	29	50	3
16K65A0229	RT41028	VLSI DESIGN	30	49	3
16K65A0229	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	23	48	2
16K65A0229	RT4102M	ELECTRICAL SIMULATION LAB	18	46	2
16K65A0229	RT4102N	POWER SYSTEMS LAB	23	49	2
16K65A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	42	3
16K65A0230	RT41022	HVAC AND DC TRANSMISSION	23	51	3
16K65A0230	RT41023	POWER SYSTEM OPERATION AND CONTROL	23	59	3
16K65A0230	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	28	32	3



Htno	Subcode	Subname	Internal	External	Credits
16K65A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	64	3
16K65A0230	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	21	48	2
16K65A0230	RT4102M	ELECTRICAL SIMULATION LAB	20	47	2
16K65A0230	RT4102N	POWER SYSTEMS LAB	22	47	2
16K65A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	48	3
16K65A0231	RT41022	HVAC AND DC TRANSMISSION	21	47	3
16K65A0231	RT41023	POWER SYSTEM OPERATION AND CONTROL	27	61	3
16K65A0231	RT41024	ENERGY AUDIT CONSERVATION AND MANAGEMENT	21	24	3
16K65A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	29	35	3
16K65A0231	RT4102L	MICROPROCESSORS AND MICROCONTROLLERS LAB	15	46	2
16K65A0231	RT4102M	ELECTRICAL SIMULATION LAB	15	40	2
16K65A0231	RT4102N	POWER SYSTEMS LAB	19	45	2
16K65A0301	RT41031	AUTOMOBILE ENGINEERING	26	57	3
16K65A0301	RT41032	CAD / CAM	24	50	3
16K65A0301	RT41033	FINITE ELEMENT METHODS	21	41	3
16K65A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	62	3
16K65A0301	RT41036	NANO TECHNOLOGY	26	65	3
16K65A0301	RT41039	AUTOMATION IN MANUFACTURING	23	49	3
16K65A0301	RT4103L	SIMULATION LAB	23	49	2
16K65A0301	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0302	RT41031	AUTOMOBILE ENGINEERING	28	29	3
16K65A0302	RT41032	CAD / CAM	26	37	3
16K65A0302	RT41033	FINITE ELEMENT METHODS	21	39	3
16K65A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	24	3
16K65A0302	RT41036	NANO TECHNOLOGY	25	44	3
16K65A0302	RT41039	AUTOMATION IN MANUFACTURING	23	63	3
16K65A0302	RT4103L	SIMULATION LAB	20	35	2
16K65A0302	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16K65A0303	RT41031	AUTOMOBILE ENGINEERING	26	60	3
16K65A0303	RT41032	CAD / CAM	22	53	3
16K65A0303	RT41033	FINITE ELEMENT METHODS	22	41	3
16K65A0303	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	40	3
16K65A0303	RT41036	NANO TECHNOLOGY	23	29	3
16K65A0303	RT41039	AUTOMATION IN MANUFACTURING	24	40	3
16K65A0303	RT4103L	SIMULATION LAB	24	43	2
16K65A0303	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16K65A0304	RT41031	AUTOMOBILE ENGINEERING	25	41	3
16K65A0304	RT41032	CAD / CAM	21	27	3
16K65A0304	RT41033	FINITE ELEMENT METHODS	17	34	3
16K65A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	46	3
16K65A0304	RT41036	NANO TECHNOLOGY	26	34	3
16K65A0304	RT41039	AUTOMATION IN MANUFACTURING	22	37	3
16K65A0304	RT4103L	SIMULATION LAB	22	48	2
16K65A0304	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16K65A0305	RT41031	AUTOMOBILE ENGINEERING	27	57	3
16K65A0305	RT41032	CAD / CAM	21	44	3
16K65A0305	RT41033	FINITE ELEMENT METHODS	24	33	3
16K65A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	53	3
16K65A0305	RT41036	NANO TECHNOLOGY	20	31	3
16K65A0305	RT41039	AUTOMATION IN MANUFACTURING	26	57	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0305	RT4103L	SIMULATION LAB	21	42	2
16K65A0305	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0306	RT41031	AUTOMOBILE ENGINEERING	26	28	3
16K65A0306	RT41032	CAD / CAM	24	30	3
16K65A0306	RT41033	FINITE ELEMENT METHODS	21	12	0
16K65A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	41	3
16K65A0306	RT41036	NANO TECHNOLOGY	25	47	3
16K65A0306	RT41039	AUTOMATION IN MANUFACTURING	21	41	3
16K65A0306	RT4103L	SIMULATION LAB	24	49	2
16K65A0306	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16K65A0307	RT41031	AUTOMOBILE ENGINEERING	29	62	3
16K65A0307	RT41032	CAD / CAM	20	42	3
16K65A0307	RT41033	FINITE ELEMENT METHODS	16	24	3
16K65A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	36	3
16K65A0307	RT41036	NANO TECHNOLOGY	23	35	3
16K65A0307	RT41039	AUTOMATION IN MANUFACTURING	24	41	3
16K65A0307	RT4103L	SIMULATION LAB	21	37	2
16K65A0307	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
16K65A0308	RT41031	AUTOMOBILE ENGINEERING	23	44	3
16K65A0308	RT41032	CAD / CAM	22	33	3
16K65A0308	RT41033	FINITE ELEMENT METHODS	18	36	3
16K65A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	47	3
16K65A0308	RT41036	NANO TECHNOLOGY	22	42	3
16K65A0308	RT41039	AUTOMATION IN MANUFACTURING	17	53	3
16K65A0308	RT4103L	SIMULATION LAB	22	48	2
16K65A0308	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
16K65A0309	RT41031	AUTOMOBILE ENGINEERING	25	42	3
16K65A0309	RT41032	CAD / CAM	20	29	3
16K65A0309	RT41033	FINITE ELEMENT METHODS	17	28	3
16K65A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	52	3
16K65A0309	RT41036	NANO TECHNOLOGY	20	58	3
16K65A0309	RT41039	AUTOMATION IN MANUFACTURING	21	38	3
16K65A0309	RT4103L	SIMULATION LAB	20	37	2
16K65A0309	RT4103M	DESIGN FABRICATION PROJECT	35	0	1
16K65A0310	RT41031	AUTOMOBILE ENGINEERING	28	28	3
16K65A0310	RT41032	CAD / CAM	19	43	3
16K65A0310	RT41033	FINITE ELEMENT METHODS	17	24	3
16K65A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	34	3
16K65A0310	RT41036	NANO TECHNOLOGY	27	38	3
16K65A0310	RT41039	AUTOMATION IN MANUFACTURING	24	28	3
16K65A0310	RT4103L	SIMULATION LAB	20	49	2
16K65A0310	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16K65A0311	RT41031	AUTOMOBILE ENGINEERING	25	46	3
16K65A0311	RT41032	CAD / CAM	17	43	3
16K65A0311	RT41033	FINITE ELEMENT METHODS	24	38	3
16K65A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	38	3
16K65A0311	RT41036	NANO TECHNOLOGY	22	24	3
16K65A0311	RT41039	AUTOMATION IN MANUFACTURING	23	53	3
16K65A0311	RT4103L	SIMULATION LAB	19	34	2
16K65A0311	RT4103M	DESIGN FABRICATION PROJECT	43	0	1

Htno	Subcode	Subname	Internal	External	Credits
16K65A0312	RT41031	AUTOMOBILE ENGINEERING	25	36	3
16K65A0312	RT41032	CAD / CAM	23	36	3
16K65A0312	RT41033	FINITE ELEMENT METHODS	26	34	3
16K65A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	49	3
16K65A0312	RT41036	NANO TECHNOLOGY	23	35	3
16K65A0312	RT41039	AUTOMATION IN MANUFACTURING	21	39	3
16K65A0312	RT4103L	SIMULATION LAB	19	40	2
16K65A0312	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16K65A0313	RT41031	AUTOMOBILE ENGINEERING	25	46	3
16K65A0313	RT41032	CAD / CAM	21	37	3
16K65A0313	RT41033	FINITE ELEMENT METHODS	25	43	3
16K65A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	49	3
16K65A0313	RT41036	NANO TECHNOLOGY	26	49	3
16K65A0313	RT41039	AUTOMATION IN MANUFACTURING	22	44	3
16K65A0313	RT4103L	SIMULATION LAB	23	46	2
16K65A0313	RT4103M	DESIGN FABRICATION PROJECT	20	0	1
16K65A0314	RT41031	AUTOMOBILE ENGINEERING	25	34	3
16K65A0314	RT41032	CAD / CAM	23	31	3
16K65A0314	RT41033	FINITE ELEMENT METHODS	20	15	0
16K65A0314	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	40	3
16K65A0314	RT41036	NANO TECHNOLOGY	26	31	3
16K65A0314	RT41039	AUTOMATION IN MANUFACTURING	26	60	3
16K65A0314	RT4103L	SIMULATION LAB	20	37	2
16K65A0314	RT4103M	DESIGN FABRICATION PROJECT	25	0	1
16K65A0315	RT41031	AUTOMOBILE ENGINEERING	27	61	3
16K65A0315	RT41032	CAD / CAM	23	55	3
16K65A0315	RT41033	FINITE ELEMENT METHODS	20	38	3
16K65A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	45	3
16K65A0315	RT41036	NANO TECHNOLOGY	27	30	3
16K65A0315	RT41039	AUTOMATION IN MANUFACTURING	27	45	3
16K65A0315	RT4103L	SIMULATION LAB	20	38	2
16K65A0315	RT4103M	DESIGN FABRICATION PROJECT	29	0	1
16K65A0316	RT41031	AUTOMOBILE ENGINEERING	24	50	3
16K65A0316	RT41032	CAD / CAM	20	34	3
16K65A0316	RT41033	FINITE ELEMENT METHODS	23	26	3
16K65A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	44	3
16K65A0316	RT41036	NANO TECHNOLOGY	25	31	3
16K65A0316	RT41039	AUTOMATION IN MANUFACTURING	25	51	3
16K65A0316	RT4103L	SIMULATION LAB	24	46	2
16K65A0316	RT4103M	DESIGN FABRICATION PROJECT	30	0	1
16K65A0317	RT41031	AUTOMOBILE ENGINEERING	24	50	3
16K65A0317	RT41032	CAD / CAM	24	37	3
16K65A0317	RT41033	FINITE ELEMENT METHODS	23	40	3
16K65A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	52	3
16K65A0317	RT41036	NANO TECHNOLOGY	27	33	3
16K65A0317	RT41039	AUTOMATION IN MANUFACTURING	22	43	3
16K65A0317	RT4103L	SIMULATION LAB	22	34	2
16K65A0317	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16K65A0318	RT41031	AUTOMOBILE ENGINEERING	26	37	3
16K65A0318	RT41032	CAD / CAM	23	47	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0318	RT41033	FINITE ELEMENT METHODS	20	38	3
16K65A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	42	3
16K65A0318	RT41036	NANO TECHNOLOGY	25	43	3
16K65A0318	RT41039	AUTOMATION IN MANUFACTURING	23	57	3
16K65A0318	RT4103L	SIMULATION LAB	20	46	2
16K65A0318	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16K65A0319	RT41031	AUTOMOBILE ENGINEERING	27	57	3
16K65A0319	RT41032	CAD / CAM	21	40	3
16K65A0319	RT41033	FINITE ELEMENT METHODS	23	41	3
16K65A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	44	3
16K65A0319	RT41036	NANO TECHNOLOGY	27	30	3
16K65A0319	RT41039	AUTOMATION IN MANUFACTURING	24	63	3
16K65A0319	RT4103L	SIMULATION LAB	20	48	2
16K65A0319	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16K65A0320	RT41031	AUTOMOBILE ENGINEERING	29	49	3
16K65A0320	RT41032	CAD / CAM	20	40	3
16K65A0320	RT41033	FINITE ELEMENT METHODS	19	34	3
16K65A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	61	3
16K65A0320	RT41036	NANO TECHNOLOGY	27	40	3
16K65A0320	RT41039	AUTOMATION IN MANUFACTURING	25	48	3
16K65A0320	RT4103L	SIMULATION LAB	24	48	2
16K65A0320	RT4103M	DESIGN FABRICATION PROJECT	46	0	1
16K65A0321	RT41031	AUTOMOBILE ENGINEERING	29	55	3
16K65A0321	RT41032	CAD / CAM	24	45	3
16K65A0321	RT41033	FINITE ELEMENT METHODS	24	38	3
16K65A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	61	3
16K65A0321	RT41036	NANO TECHNOLOGY	25	58	3
16K65A0321	RT41039	AUTOMATION IN MANUFACTURING	25	43	3
16K65A0321	RT4103L	SIMULATION LAB	20	46	2
16K65A0321	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0322	RT41031	AUTOMOBILE ENGINEERING	27	42	3
16K65A0322	RT41032	CAD / CAM	19	26	3
16K65A0322	RT41033	FINITE ELEMENT METHODS	23	24	3
16K65A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	30	3
16K65A0322	RT41036	NANO TECHNOLOGY	24	38	3
16K65A0322	RT41039	AUTOMATION IN MANUFACTURING	17	37	3
16K65A0322	RT4103L	SIMULATION LAB	24	47	2
16K65A0322	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0323	RT41031	AUTOMOBILE ENGINEERING	22	43	3
16K65A0323	RT41032	CAD / CAM	19	30	3
16K65A0323	RT41033	FINITE ELEMENT METHODS	20	24	3
16K65A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	36	3
16K65A0323	RT41036	NANO TECHNOLOGY	17	30	3
16K65A0323	RT41039	AUTOMATION IN MANUFACTURING	18	52	3
16K65A0323	RT4103L	SIMULATION LAB	17	36	2
16K65A0323	RT4103M	DESIGN FABRICATION PROJECT	33	0	1
16K65A0324	RT41031	AUTOMOBILE ENGINEERING	28	46	3
16K65A0324	RT41032	CAD / CAM	23	48	3
16K65A0324	RT41033	FINITE ELEMENT METHODS	28	34	3
16K65A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	47	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0324	RT41036	NANO TECHNOLOGY	25	45	3
16K65A0324	RT41039	AUTOMATION IN MANUFACTURING	25	44	3
16K65A0324	RT4103L	SIMULATION LAB	21	47	2
16K65A0324	RT4103M	DESIGN FABRICATION PROJECT	45	0	1
16K65A0325	RT41031	AUTOMOBILE ENGINEERING	29	59	3
16K65A0325	RT41032	CAD / CAM	22	39	3
16K65A0325	RT41033	FINITE ELEMENT METHODS	28	30	3
16K65A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	57	3
16K65A0325	RT41036	NANO TECHNOLOGY	25	35	3
16K65A0325	RT41039	AUTOMATION IN MANUFACTURING	27	66	3
16K65A0325	RT4103L	SIMULATION LAB	21	30	2
16K65A0325	RT4103M	DESIGN FABRICATION PROJECT	48	0	1
16K65A0326	RT41031	AUTOMOBILE ENGINEERING	25	37	3
16K65A0326	RT41032	CAD / CAM	23	43	3
16K65A0326	RT41033	FINITE ELEMENT METHODS	24	43	3
16K65A0326	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	47	3
16K65A0326	RT41036	NANO TECHNOLOGY	25	48	3
16K65A0326	RT41039	AUTOMATION IN MANUFACTURING	27	55	3
16K65A0326	RT4103L	SIMULATION LAB	20	30	2
16K65A0326	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16K65A0327	RT41031	AUTOMOBILE ENGINEERING	27	55	3
16K65A0327	RT41032	CAD / CAM	20	32	3
16K65A0327	RT41033	FINITE ELEMENT METHODS	25	47	3
16K65A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	37	3
16K65A0327	RT41036	NANO TECHNOLOGY	26	48	3
16K65A0327	RT41039	AUTOMATION IN MANUFACTURING	27	30	3
16K65A0327	RT4103L	SIMULATION LAB	20	38	2
16K65A0327	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16K65A0328	RT41031	AUTOMOBILE ENGINEERING	21	47	3
16K65A0328	RT41032	CAD / CAM	22	29	3
16K65A0328	RT41033	FINITE ELEMENT METHODS	22	26	3
16K65A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	35	3
16K65A0328	RT41036	NANO TECHNOLOGY	24	37	3
16K65A0328	RT41039	AUTOMATION IN MANUFACTURING	20	39	3
16K65A0328	RT4103L	SIMULATION LAB	20	33	2
16K65A0328	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0329	RT41031	AUTOMOBILE ENGINEERING	25	56	3
16K65A0329	RT41032	CAD / CAM	25	44	3
16K65A0329	RT41033	FINITE ELEMENT METHODS	26	42	3
16K65A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	57	3
16K65A0329	RT41036	NANO TECHNOLOGY	26	33	3
16K65A0329	RT41039	AUTOMATION IN MANUFACTURING	26	61	3
16K65A0329	RT4103L	SIMULATION LAB	24	48	2
16K65A0329	RT4103M	DESIGN FABRICATION PROJECT	42	0	1
16K65A0330	RT41031	AUTOMOBILE ENGINEERING	27	46	3
16K65A0330	RT41032	CAD / CAM	26	45	3
16K65A0330	RT41033	FINITE ELEMENT METHODS	25	46	3
16K65A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	39	3
16K65A0330	RT41036	NANO TECHNOLOGY	27	48	3
16K65A0330	RT41039	AUTOMATION IN MANUFACTURING	27	58	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0330	RT4103L	SIMULATION LAB	21	48	2
16K65A0330	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16K65A0331	RT41031	AUTOMOBILE ENGINEERING	23	64	3
16K65A0331	RT41032	CAD / CAM	17	14	0
16K65A0331	RT41033	FINITE ELEMENT METHODS	20	16	0
16K65A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	40	3
16K65A0331	RT41036	NANO TECHNOLOGY	21	47	3
16K65A0331	RT41039	AUTOMATION IN MANUFACTURING	21	33	3
16K65A0331	RT4103L	SIMULATION LAB	22	25	2
16K65A0331	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0332	RT41031	AUTOMOBILE ENGINEERING	22	41	3
16K65A0332	RT41032	CAD / CAM	19	40	3
16K65A0332	RT41033	FINITE ELEMENT METHODS	21	36	3
16K65A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	30	55	3
16K65A0332	RT41036	NANO TECHNOLOGY	23	40	3
16K65A0332	RT41039	AUTOMATION IN MANUFACTURING	17	55	3
16K65A0332	RT4103L	SIMULATION LAB	21	31	2
16K65A0332	RT4103M	DESIGN FABRICATION PROJECT	32	0	1
16K65A0333	RT41031	AUTOMOBILE ENGINEERING	22	55	3
16K65A0333	RT41032	CAD / CAM	23	30	3
16K65A0333	RT41033	FINITE ELEMENT METHODS	19	28	3
16K65A0333	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	37	3
16K65A0333	RT41036	NANO TECHNOLOGY	21	31	3
16K65A0333	RT41039	AUTOMATION IN MANUFACTURING	21	42	3
16K65A0333	RT4103L	SIMULATION LAB	21	34	2
16K65A0333	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16K65A0334	RT41031	AUTOMOBILE ENGINEERING	25	38	3
16K65A0334	RT41032	CAD / CAM	21	34	3
16K65A0334	RT41033	FINITE ELEMENT METHODS	21	15	0
16K65A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	31	3
16K65A0334	RT41036	NANO TECHNOLOGY	20	38	3
16K65A0334	RT41039	AUTOMATION IN MANUFACTURING	22	36	3
16K65A0334	RT4103L	SIMULATION LAB	20	48	2
16K65A0334	RT4103M	DESIGN FABRICATION PROJECT	43	0	1
16K65A0335	RT41031	AUTOMOBILE ENGINEERING	23	51	3
16K65A0335	RT41032	CAD / CAM	20	24	3
16K65A0335	RT41033	FINITE ELEMENT METHODS	21	31	3
16K65A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	40	3
16K65A0335	RT41036	NANO TECHNOLOGY	24	45	3
16K65A0335	RT41039	AUTOMATION IN MANUFACTURING	22	38	3
16K65A0335	RT4103L	SIMULATION LAB	24	47	2
16K65A0335	RT4103M	DESIGN FABRICATION PROJECT	40	0	1
16K65A0336	RT41031	AUTOMOBILE ENGINEERING	24	45	3
16K65A0336	RT41032	CAD / CAM	21	48	3
16K65A0336	RT41033	FINITE ELEMENT METHODS	24	37	3
16K65A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	57	3
16K65A0336	RT41036	NANO TECHNOLOGY	23	52	3
16K65A0336	RT41039	AUTOMATION IN MANUFACTURING	19	61	3
16K65A0336	RT4103L	SIMULATION LAB	21	35	2
16K65A0336	RT4103M	DESIGN FABRICATION PROJECT	42	0	1

Htno	Subcode	Subname	Internal	External	Credits
16K65A0337	RT41031	AUTOMOBILE ENGINEERING	28	52	3
16K65A0337	RT41032	CAD / CAM	23	42	3
16K65A0337	RT41033	FINITE ELEMENT METHODS	24	44	3
16K65A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	29	61	3
16K65A0337	RT41036	NANO TECHNOLOGY	24	37	3
16K65A0337	RT41039	AUTOMATION IN MANUFACTURING	24	45	3
16K65A0337	RT4103L	SIMULATION LAB	20	35	2
16K65A0337	RT4103M	DESIGN FABRICATION PROJECT	44	0	1
16K65A0338	RT41031	AUTOMOBILE ENGINEERING	22	33	3
16K65A0338	RT41032	CAD / CAM	21	26	3
16K65A0338	RT41033	FINITE ELEMENT METHODS	25	25	3
16K65A0338	RT41034	UNCONVENTIONAL MACHINING PROCESSES	28	30	3
16K65A0338	RT41036	NANO TECHNOLOGY	21	47	3
16K65A0338	RT41039	AUTOMATION IN MANUFACTURING	20	48	3
16K65A0338	RT4103L	SIMULATION LAB	20	38	2
16K65A0338	RT4103M	DESIGN FABRICATION PROJECT	34	0	1
16K65A0339	RT41031	AUTOMOBILE ENGINEERING	24	60	3
16K65A0339	RT41032	CAD / CAM	20	44	3
16K65A0339	RT41033	FINITE ELEMENT METHODS	22	38	3
16K65A0339	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	46	3
16K65A0339	RT41036	NANO TECHNOLOGY	23	50	3
16K65A0339	RT41039	AUTOMATION IN MANUFACTURING	24	30	3
16K65A0339	RT4103L	SIMULATION LAB	20	45	2
16K65A0339	RT4103M	DESIGN FABRICATION PROJECT	41	0	1
16K65A0340	RT41031	AUTOMOBILE ENGINEERING	25	28	3
16K65A0340	RT41032	CAD / CAM	19	29	3
16K65A0340	RT41033	FINITE ELEMENT METHODS	21	34	3
16K65A0340	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	35	3
16K65A0340	RT41036	NANO TECHNOLOGY	18	27	3
16K65A0340	RT41039	AUTOMATION IN MANUFACTURING	20	27	3
16K65A0340	RT4103L	SIMULATION LAB	19	32	2
16K65A0340	RT4103M	DESIGN FABRICATION PROJECT	39	0	1
16K65A0401	RT41041	VLSI DESIGN	22	34	3
16K65A0401	RT41042	COMPUTER NETWORKS	17	28	3
16K65A0401	RT41043	DIGITAL IMAGE PROCESSING	15	34	3
16K65A0401	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	38	3
16K65A0401	RT41048	RADAR SYSTEMS	27	42	3
16K65A0401	RT4104A	OPTICAL COMMUNICATION	25	31	3
16K65A0401	RT4104L	V L S I LAB	24	45	2
16K65A0401	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
16K65A0402	RT41041	VLSI DESIGN	18	44	3
16K65A0402	RT41042	COMPUTER NETWORKS	22	40	3
16K65A0402	RT41043	DIGITAL IMAGE PROCESSING	19	27	3
16K65A0402	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	39	3
16K65A0402	RT41048	RADAR SYSTEMS	26	44	3
16K65A0402	RT4104A	OPTICAL COMMUNICATION	19	32	3
16K65A0402	RT4104L	V L S I LAB	22	47	2
16K65A0402	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
16K65A0403	RT41041	VLSI DESIGN	20	34	3
16K65A0403	RT41042	COMPUTER NETWORKS	20	28	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0403	RT41043	DIGITAL IMAGE PROCESSING	17	24	3
16K65A0403	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	40	3
16K65A0403	RT41048	RADAR SYSTEMS	19	27	3
16K65A0403	RT4104A	OPTICAL COMMUNICATION	20	28	3
16K65A0403	RT4104L	V L S I LAB	23	45	2
16K65A0403	RT4104M	MICROWAVE ENGINEERING LAB	21	45	2
16K65A0404	RT41041	VLSI DESIGN	24	32	3
16K65A0404	RT41042	COMPUTER NETWORKS	21	31	3
16K65A0404	RT41043	DIGITAL IMAGE PROCESSING	19	24	3
16K65A0404	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	36	3
16K65A0404	RT41048	RADAR SYSTEMS	17	41	3
16K65A0404	RT4104A	OPTICAL COMMUNICATION	22	34	3
16K65A0404	RT4104L	V L S I LAB	21	44	2
16K65A0404	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
16K65A0405	RT41041	VLSI DESIGN	23	36	3
16K65A0405	RT41042	COMPUTER NETWORKS	21	35	3
16K65A0405	RT41043	DIGITAL IMAGE PROCESSING	22	39	3
16K65A0405	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	45	3
16K65A0405	RT41048	RADAR SYSTEMS	25	59	3
16K65A0405	RT4104A	OPTICAL COMMUNICATION	24	47	3
16K65A0405	RT4104L	V L S I LAB	23	49	2
16K65A0405	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
16K65A0406	RT41041	VLSI DESIGN	17	39	3
16K65A0406	RT41042	COMPUTER NETWORKS	20	38	3
16K65A0406	RT41043	DIGITAL IMAGE PROCESSING	18	25	3
16K65A0406	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	16	46	3
16K65A0406	RT41048	RADAR SYSTEMS	20	46	3
16K65A0406	RT4104A	OPTICAL COMMUNICATION	16	29	3
16K65A0406	RT4104L	V L S I LAB	19	39	2
16K65A0406	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
16K65A0407	RT41041	VLSI DESIGN	19	29	3
16K65A0407	RT41042	COMPUTER NETWORKS	17	32	3
16K65A0407	RT41043	DIGITAL IMAGE PROCESSING	15	8	0
16K65A0407	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	48	3
16K65A0407	RT41048	RADAR SYSTEMS	16	34	3
16K65A0407	RT4104A	OPTICAL COMMUNICATION	22	31	3
16K65A0407	RT4104L	V L S I LAB	23	44	2
16K65A0407	RT4104M	MICROWAVE ENGINEERING LAB	22	46	2
16K65A0408	RT41041	VLSI DESIGN	17	24	3
16K65A0408	RT41042	COMPUTER NETWORKS	18	29	3
16K65A0408	RT41043	DIGITAL IMAGE PROCESSING	19	29	3
16K65A0408	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	24	3
16K65A0408	RT41048	RADAR SYSTEMS	18	42	3
16K65A0408	RT4104A	OPTICAL COMMUNICATION	22	40	3
16K65A0408	RT4104L	V L S I LAB	22	42	2
16K65A0408	RT4104M	MICROWAVE ENGINEERING LAB	22	45	2
16K65A0409	RT41041	VLSI DESIGN	17	34	3
16K65A0409	RT41042	COMPUTER NETWORKS	20	33	3
16K65A0409	RT41043	DIGITAL IMAGE PROCESSING	16	28	3
16K65A0409	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	19	30	3



Htno	Subcode	Subname	Internal	External	Credits
16K65A0409	RT41048	RADAR SYSTEMS	18	37	3
16K65A0409	RT4104A	OPTICAL COMMUNICATION	21	41	3
16K65A0409	RT4104L	V L S I LAB	20	41	2
16K65A0409	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
16K65A0410	RT41041	VLSI DESIGN	20	40	3
16K65A0410	RT41042	COMPUTER NETWORKS	18	34	3
16K65A0410	RT41043	DIGITAL IMAGE PROCESSING	23	25	3
16K65A0410	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	48	3
16K65A0410	RT41048	RADAR SYSTEMS	26	50	3
16K65A0410	RT4104A	OPTICAL COMMUNICATION	22	30	3
16K65A0410	RT4104L	V L S I LAB	23	45	2
16K65A0410	RT4104M	MICROWAVE ENGINEERING LAB	22	49	2
16K65A0411	RT41041	VLSI DESIGN	19	33	3
16K65A0411	RT41042	COMPUTER NETWORKS	21	38	3
16K65A0411	RT41043	DIGITAL IMAGE PROCESSING	19	33	3
16K65A0411	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	22	51	3
16K65A0411	RT41048	RADAR SYSTEMS	23	37	3
16K65A0411	RT4104A	OPTICAL COMMUNICATION	23	36	3
16K65A0411	RT4104L	V L S I LAB	22	42	2
16K65A0411	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
16K65A0412	RT41041	VLSI DESIGN	20	30	3
16K65A0412	RT41042	COMPUTER NETWORKS	20	37	3
16K65A0412	RT41043	DIGITAL IMAGE PROCESSING	17	24	3
16K65A0412	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	23	33	3
16K65A0412	RT41048	RADAR SYSTEMS	28	35	3
16K65A0412	RT4104A	OPTICAL COMMUNICATION	25	31	3
16K65A0412	RT4104L	V L S I LAB	23	34	2
16K65A0412	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
16K65A0413	RT41041	VLSI DESIGN	22	43	3
16K65A0413	RT41042	COMPUTER NETWORKS	21	36	3
16K65A0413	RT41043	DIGITAL IMAGE PROCESSING	21	25	3
16K65A0413	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	42	3
16K65A0413	RT41048	RADAR SYSTEMS	29	41	3
16K65A0413	RT4104A	OPTICAL COMMUNICATION	26	43	3
16K65A0413	RT4104L	V L S I LAB	23	44	2
16K65A0413	RT4104M	MICROWAVE ENGINEERING LAB	24	46	2
16K65A0414	RT41041	VLSI DESIGN	22	54	3
16K65A0414	RT41042	COMPUTER NETWORKS	22	43	3
16K65A0414	RT41043	DIGITAL IMAGE PROCESSING	28	53	3
16K65A0414	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	55	3
16K65A0414	RT41048	RADAR SYSTEMS	30	56	3
16K65A0414	RT4104A	OPTICAL COMMUNICATION	30	43	3
16K65A0414	RT4104L	V L S I LAB	23	47	2
16K65A0414	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
16K65A0415	RT41041	VLSI DESIGN	22	37	3
16K65A0415	RT41042	COMPUTER NETWORKS	21	43	3
16K65A0415	RT41043	DIGITAL IMAGE PROCESSING	22	43	3
16K65A0415	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	28	38	3
16K65A0415	RT41048	RADAR SYSTEMS	30	39	3
16K65A0415	RT4104A	OPTICAL COMMUNICATION	26	35	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0415	RT4104L	V L S I LAB	20	45	2
16K65A0415	RT4104M	MICROWAVE ENGINEERING LAB	23	47	2
16K65A0416	RT41041	VLSI DESIGN	22	24	3
16K65A0416	RT41042	COMPUTER NETWORKS	21	34	3
16K65A0416	RT41043	DIGITAL IMAGE PROCESSING	22	30	3
16K65A0416	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	27	33	3
16K65A0416	RT41048	RADAR SYSTEMS	30	41	3
16K65A0416	RT4104A	OPTICAL COMMUNICATION	25	39	3
16K65A0416	RT4104L	V L S I LAB	19	45	2
16K65A0416	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
16K65A0417	RT41041	VLSI DESIGN	18	29	3
16K65A0417	RT41042	COMPUTER NETWORKS	17	24	3
16K65A0417	RT41043	DIGITAL IMAGE PROCESSING	16	25	3
16K65A0417	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	24	33	3
16K65A0417	RT41048	RADAR SYSTEMS	23	25	3
16K65A0417	RT4104A	OPTICAL COMMUNICATION	19	28	3
16K65A0417	RT4104L	V L S I LAB	19	44	2
16K65A0417	RT4104M	MICROWAVE ENGINEERING LAB	18	35	2
16K65A0418	RT41041	VLSI DESIGN	21	50	3
16K65A0418	RT41042	COMPUTER NETWORKS	20	50	3
16K65A0418	RT41043	DIGITAL IMAGE PROCESSING	20	55	3
16K65A0418	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	29	54	3
16K65A0418	RT41048	RADAR SYSTEMS	29	53	3
16K65A0418	RT4104A	OPTICAL COMMUNICATION	28	30	3
16K65A0418	RT4104L	V L S I LAB	24	46	2
16K65A0418	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2
16K65A0419	RT41041	VLSI DESIGN	17	25	3
16K65A0419	RT41042	COMPUTER NETWORKS	16	33	3
16K65A0419	RT41043	DIGITAL IMAGE PROCESSING	18	34	3
16K65A0419	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	18	42	3
16K65A0419	RT41048	RADAR SYSTEMS	28	27	3
16K65A0419	RT4104A	OPTICAL COMMUNICATION	22	30	3
16K65A0419	RT4104L	V L S I LAB	24	44	2
16K65A0419	RT4104M	MICROWAVE ENGINEERING LAB	18	32	2
16K65A0420	RT41041	VLSI DESIGN	19	32	3
16K65A0420	RT41042	COMPUTER NETWORKS	23	37	3
16K65A0420	RT41043	DIGITAL IMAGE PROCESSING	21	31	3
16K65A0420	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	25	36	3
16K65A0420	RT41048	RADAR SYSTEMS	27	48	3
16K65A0420	RT4104A	OPTICAL COMMUNICATION	25	28	3
16K65A0420	RT4104L	V L S I LAB	23	45	2
16K65A0420	RT4104M	MICROWAVE ENGINEERING LAB	23	35	2
16K65A0421	RT41041	VLSI DESIGN	22	45	3
16K65A0421	RT41042	COMPUTER NETWORKS	24	37	3
16K65A0421	RT41043	DIGITAL IMAGE PROCESSING	26	44	3
16K65A0421	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	30	52	3
16K65A0421	RT41048	RADAR SYSTEMS	30	53	3
16K65A0421	RT4104A	OPTICAL COMMUNICATION	30	59	3
16K65A0421	RT4104L	V L S I LAB	24	46	2
16K65A0421	RT4104M	MICROWAVE ENGINEERING LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
16K65A0423	RT41041	VLSI DESIGN	20	52	3
16K65A0423	RT41042	COMPUTER NETWORKS	20	39	3
16K65A0423	RT41043	DIGITAL IMAGE PROCESSING	21	31	3
16K65A0423	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	26	39	3
16K65A0423	RT41048	RADAR SYSTEMS	29	46	3
16K65A0423	RT4104A	OPTICAL COMMUNICATION	25	29	3
16K65A0423	RT4104L	V L S I LAB	19	42	2
16K65A0423	RT4104M	MICROWAVE ENGINEERING LAB	24	47	2
16K65A0424	RT41041	VLSI DESIGN	12	22	0
16K65A0424	RT41042	COMPUTER NETWORKS	15	9	0
16K65A0424	RT41043	DIGITAL IMAGE PROCESSING	15	25	3
16K65A0424	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	20	28	3
16K65A0424	RT41048	RADAR SYSTEMS	25	24	3
16K65A0424	RT4104A	OPTICAL COMMUNICATION	19	28	3
16K65A0424	RT4104L	V L S I LAB	18	41	2
16K65A0424	RT4104M	MICROWAVE ENGINEERING LAB	17	24	2
16K65A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	25	3
16K65A0501	RT41052	UML AND DESIGN PATTERNS	23	25	3
16K65A0501	RT41053	MOBILE COMPUTING	23	41	3
16K65A0501	RT41054	SOFTWARE TESTING METHODOLOGIES	20	42	3
16K65A0501	RT4105B	HADOOP AND BIG DATA	24	30	3
16K65A0501	RT4105L	UML AND DESIGN PATTERNS LAB	19	26	2
16K65A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	18	33	2
16K65A0501	RT4105N	SOFTWARE TESTING LAB	21	40	2
16K65A0501	RT4105O	HADOOP AND BIGDATA LAB	22	33	2
16K65A0502	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	41	3
16K65A0502	RT41052	UML AND DESIGN PATTERNS	23	24	3
16K65A0502	RT41053	MOBILE COMPUTING	18	36	3
16K65A0502	RT41054	SOFTWARE TESTING METHODOLOGIES	19	42	3
16K65A0502	RT4105B	HADOOP AND BIG DATA	19	33	3
16K65A0502	RT4105L	UML AND DESIGN PATTERNS LAB	21	38	2
16K65A0502	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	38	2
16K65A0502	RT4105N	SOFTWARE TESTING LAB	21	42	2
16K65A0502	RT4105O	HADOOP AND BIGDATA LAB	20	42	2
16K65A0503	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	33	3
16K65A0503	RT41052	UML AND DESIGN PATTERNS	18	29	3
16K65A0503	RT41053	MOBILE COMPUTING	23	32	3
16K65A0503	RT41054	SOFTWARE TESTING METHODOLOGIES	21	37	3
16K65A0503	RT4105B	HADOOP AND BIG DATA	25	33	3
16K65A0503	RT4105L	UML AND DESIGN PATTERNS LAB	19	36	2
16K65A0503	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
16K65A0503	RT4105N	SOFTWARE TESTING LAB	21	41	2
16K65A0503	RT4105O	HADOOP AND BIGDATA LAB	21	39	2
16K65A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	38	3
16K65A0504	RT41052	UML AND DESIGN PATTERNS	21	35	3
16K65A0504	RT41053	MOBILE COMPUTING	19	37	3
16K65A0504	RT41054	SOFTWARE TESTING METHODOLOGIES	22	31	3
16K65A0504	RT4105B	HADOOP AND BIG DATA	24	28	3
16K65A0504	RT4105L	UML AND DESIGN PATTERNS LAB	21	33	2
16K65A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	32	2

Htno	Subcode	Subname	Internal	External	Credits
16K65A0504	RT4105N	SOFTWARE TESTING LAB	23	44	2
16K65A0504	RT4105O	HADOOP AND BIGDATA LAB	21	35	2
16K65A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	36	3
16K65A0505	RT41052	UML AND DESIGN PATTERNS	23	41	3
16K65A0505	RT41053	MOBILE COMPUTING	23	46	3
16K65A0505	RT41054	SOFTWARE TESTING METHODOLOGIES	24	46	3
16K65A0505	RT4105B	HADOOP AND BIG DATA	23	47	3
16K65A0505	RT4105L	UML AND DESIGN PATTERNS LAB	22	36	2
16K65A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	37	2
16K65A0505	RT4105N	SOFTWARE TESTING LAB	22	41	2
16K65A0505	RT4105O	HADOOP AND BIGDATA LAB	23	36	2
16K65A0506	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	49	3
16K65A0506	RT41052	UML AND DESIGN PATTERNS	24	26	3
16K65A0506	RT41053	MOBILE COMPUTING	24	50	3
16K65A0506	RT41054	SOFTWARE TESTING METHODOLOGIES	23	49	3
16K65A0506	RT4105B	HADOOP AND BIG DATA	26	47	3
16K65A0506	RT4105L	UML AND DESIGN PATTERNS LAB	22	40	2
16K65A0506	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
16K65A0506	RT4105N	SOFTWARE TESTING LAB	23	46	2
16K65A0506	RT4105O	HADOOP AND BIGDATA LAB	23	47	2
16K65A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	43	3
16K65A0507	RT41052	UML AND DESIGN PATTERNS	19	27	3
16K65A0507	RT41053	MOBILE COMPUTING	24	36	3
16K65A0507	RT41054	SOFTWARE TESTING METHODOLOGIES	17	31	3
16K65A0507	RT4105B	HADOOP AND BIG DATA	22	31	3
16K65A0507	RT4105L	UML AND DESIGN PATTERNS LAB	21	39	2
16K65A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	36	2
16K65A0507	RT4105N	SOFTWARE TESTING LAB	19	45	2
16K65A0507	RT4105O	HADOOP AND BIGDATA LAB	20	37	2
16K65A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	39	3
16K65A0508	RT41052	UML AND DESIGN PATTERNS	20	33	3
16K65A0508	RT41053	MOBILE COMPUTING	25	33	3
16K65A0508	RT41054	SOFTWARE TESTING METHODOLOGIES	19	34	3
16K65A0508	RT4105B	HADOOP AND BIG DATA	24	33	3
16K65A0508	RT4105L	UML AND DESIGN PATTERNS LAB	20	41	2
16K65A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	41	2
16K65A0508	RT4105N	SOFTWARE TESTING LAB	19	38	2
16K65A0508	RT4105O	HADOOP AND BIGDATA LAB	21	36	2
16K65A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	24	3
16K65A0509	RT41052	UML AND DESIGN PATTERNS	18	45	3
16K65A0509	RT41053	MOBILE COMPUTING	21	32	3
16K65A0509	RT41054	SOFTWARE TESTING METHODOLOGIES	17	34	3
16K65A0509	RT4105B	HADOOP AND BIG DATA	18	30	3
16K65A0509	RT4105L	UML AND DESIGN PATTERNS LAB	20	30	2
16K65A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	42	2
16K65A0509	RT4105N	SOFTWARE TESTING LAB	18	33	2
16K65A0509	RT4105O	HADOOP AND BIGDATA LAB	17	37	2
16K65A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	55	3
16K65A0510	RT41052	UML AND DESIGN PATTERNS	16	36	3
16K65A0510	RT41053	MOBILE COMPUTING	19	42	3

Htno	Subcode	Subname	Internal	External	Credits
16K65A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	15	50	3
16K65A0510	RT4105B	HADOOP AND BIG DATA	24	50	3
16K65A0510	RT4105L	UML AND DESIGN PATTERNS LAB	18	29	2
16K65A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	19	39	2
16K65A0510	RT4105N	SOFTWARE TESTING LAB	19	38	2
16K65A0510	RT4105O	HADOOP AND BIGDATA LAB	16	33	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