



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for B.TECH IV YEAR I Semester Examinations November-2016
College name: JNTU KAKINADA UNIVERSITY COLLEGE OF ENGINEERING, VIZIANAGARAM:VV

Htno	Subcode	Subname	Internal	External	CREDITS
10VV1A1256	R41129	ARTIFICIAL INTELLIGENCE	8	-1	0
12VV1A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	17	36	3
12VV1A0205	RT41022	HVAC & DC TRANSMISSION	20	28	3
12VV1A0205	RT41023	POWER SYSTEM OPERATION & CONTROL	12	48	3
12VV1A0205	RT41025	INSTRUMENTATION	15	16	0
12VV1A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	18	24	3
12VV1A0205	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	19	43	2
12VV1A0205	RT4102M	ELECTRICAL SIMULATION LAB	15	24	2
12VV1A0205	RT4102N	POWER SYSTEMS LAB	18	23	2
12VV1A0210	R41021	COMPUTER ORGANIZATION	16	26	4
12VV1A0210	R41023	SWITCH GEAR & PROTECTION	14	0	0
12VV1A0210	R41026	INSTRUMENTATION	21	-1	0
12VV1A0210	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	18	18	0
12VV1A0210	R4102D	ELECTRICAL SIMULATION LAB	19	39	2
12VV1A0306	R41033	ALTERNATIVE SOURCES OF ENERGY	17	4	0
12VV1A0306	R41035	MICRO ELECTRO MECHANICAL SYSTEMS	13	2	0
12VV1A0306	R41037	AUTOMOBILE ENGINEERING	9	2	0
12VV1A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	40	3
12VV1A0523	RT41052	UML & DESIGN PATTERNS	27	56	3
12VV1A0523	RT41053	MOBILE COMPUTING	24	34	3
12VV1A0523	RT41057	ARTIFICIAL INTELLIGENCE	28	41	2
12VV1A0523	RT4105B	HADOOP AND BIG DATA	16	47	3
12VV1A0523	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
12VV1A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	20	48	2
12VV1A0523	RT4105N	SOFTWARE TESTING LAB	23	45	2
12VV1A0523	RT4105O	HADOOP & BIG DATA LAB	18	24	2
12VV1A0539	R41054	MOBILE COMPUTING	8	39	4
12VV1A0539	R41058	CYBER LAWS	19	38	4
12VV1A1252	R41053	DATA WARE HOUSING AND DATA MINING	20	-1	0
12VV1A3121	MT4101	METAL FORMING & PRESS TOOLS	25	36	3
12VV1A3121	MT4102	ELECTRO METTALLURGY & CORROSION	20	41	3
12VV1A3121	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	19	41	3
12VV1A3121	MT4104	POWDER METALLURGY	12	42	3
12VV1A3121	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	16	27	3
12VV1A3121	MT4108	LIGHT METALS AND ALLOYS	16	45	3
12VV1A3121	MT4111	METAL FORMING & PRESS TOOLS LAB	17	37	2
12VV1A3121	MT4112	ELECTRO METALLURGY AND CORROSION LAB	22	44	2
13VV1A0101	RT41011	ENVIRONMENTAL ENGINEERING - II	27	51	3
13VV1A0101	RT41012	PRESTRESSED CONCRETE	24	35	3
13VV1A0101	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	35	3
13VV1A0101	RT41014	WATER RESOURCE ENGINEERING - II	22	36	3
13VV1A0101	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	39	3
13VV1A0101	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	43	3
13VV1A0101	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	46	2
13VV1A0101	RT4101M	GIS & CAD LAB	20	46	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0102	RT41011	ENVIRONMENTAL ENGINEERING - II	28	53	3
13VV1A0102	RT41012	PRESTRESSED CONCRETE	27	41	3
13VV1A0102	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	47	3
13VV1A0102	RT41014	WATER RESOURCE ENGINEERING - II	24	45	3
13VV1A0102	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	44	3
13VV1A0102	RT41016	GROUND IMPROVEMENT TECHNIQUES	25	44	3
13VV1A0102	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	50	2
13VV1A0102	RT4101M	GIS & CAD LAB	21	48	2
13VV1A0103	RT41011	ENVIRONMENTAL ENGINEERING - II	27	49	3
13VV1A0103	RT41012	PRESTRESSED CONCRETE	27	38	3
13VV1A0103	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	41	3
13VV1A0103	RT41014	WATER RESOURCE ENGINEERING - II	25	36	3
13VV1A0103	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	45	3
13VV1A0103	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	38	3
13VV1A0103	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
13VV1A0103	RT4101M	GIS & CAD LAB	21	46	2
13VV1A0104	RT41011	ENVIRONMENTAL ENGINEERING - II	27	48	3
13VV1A0104	RT41012	PRESTRESSED CONCRETE	28	43	3
13VV1A0104	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	36	3
13VV1A0104	RT41014	WATER RESOURCE ENGINEERING - II	24	39	3
13VV1A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	45	3
13VV1A0104	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	38	3
13VV1A0104	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
13VV1A0104	RT4101M	GIS & CAD LAB	21	48	2
13VV1A0105	RT41011	ENVIRONMENTAL ENGINEERING - II	22	45	3
13VV1A0105	RT41012	PRESTRESSED CONCRETE	27	31	3
13VV1A0105	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	29	3
13VV1A0105	RT41014	WATER RESOURCE ENGINEERING - II	23	34	3
13VV1A0105	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	39	3
13VV1A0105	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	40	3
13VV1A0105	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	44	2
13VV1A0105	RT4101M	GIS & CAD LAB	19	46	2
13VV1A0106	RT41011	ENVIRONMENTAL ENGINEERING - II	30	58	3
13VV1A0106	RT41012	PRESTRESSED CONCRETE	30	54	3
13VV1A0106	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	35	3
13VV1A0106	RT41014	WATER RESOURCE ENGINEERING - II	28	46	3
13VV1A0106	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	47	3
13VV1A0106	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	57	3
13VV1A0106	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0106	RT4101M	GIS & CAD LAB	22	48	2
13VV1A0107	RT41011	ENVIRONMENTAL ENGINEERING - II	30	56	3
13VV1A0107	RT41012	PRESTRESSED CONCRETE	30	54	3
13VV1A0107	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	43	3
13VV1A0107	RT41014	WATER RESOURCE ENGINEERING - II	24	39	3
13VV1A0107	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	39	3
13VV1A0107	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	31	3
13VV1A0107	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0107	RT4101M	GIS & CAD LAB	22	50	2
13VV1A0108	RT41011	ENVIRONMENTAL ENGINEERING - II	27	51	3
13VV1A0108	RT41012	PRESTRESSED CONCRETE	29	56	3
13VV1A0108	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	47	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0108	RT41014	WATER RESOURCE ENGINEERING - II	23	42	3
13VV1A0108	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	43	3
13VV1A0108	RT41016	GROUND IMPROVEMENT TECHINIQUES	26	42	3
13VV1A0108	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0108	RT4101M	GIS & CAD LAB	22	49	2
13VV1A0109	RT41011	ENVIRONMENTAL ENGINEERING - II	28	58	3
13VV1A0109	RT41012	PRESTRESSED CONCRETE	26	54	3
13VV1A0109	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	47	3
13VV1A0109	RT41014	WATER RESOURCE ENGINEERING - II	22	36	3
13VV1A0109	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	48	3
13VV1A0109	RT41016	GROUND IMPROVEMENT TECHINIQUES	26	54	3
13VV1A0109	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	50	2
13VV1A0109	RT4101M	GIS & CAD LAB	19	47	2
13VV1A0110	RT41011	ENVIRONMENTAL ENGINEERING - II	28	34	3
13VV1A0110	RT41012	PRESTRESSED CONCRETE	23	24	3
13VV1A0110	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	42	3
13VV1A0110	RT41014	WATER RESOURCE ENGINEERING - II	22	33	3
13VV1A0110	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	31	3
13VV1A0110	RT41016	GROUND IMPROVEMENT TECHINIQUES	26	38	3
13VV1A0110	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	47	2
13VV1A0110	RT4101M	GIS & CAD LAB	17	41	2
13VV1A0111	RT41011	ENVIRONMENTAL ENGINEERING - II	27	44	3
13VV1A0111	RT41012	PRESTRESSED CONCRETE	27	36	3
13VV1A0111	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	37	3
13VV1A0111	RT41014	WATER RESOURCE ENGINEERING - II	26	34	3
13VV1A0111	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	44	3
13VV1A0111	RT41016	GROUND IMPROVEMENT TECHINIQUES	26	43	3
13VV1A0111	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	46	2
13VV1A0111	RT4101M	GIS & CAD LAB	21	48	2
13VV1A0112	RT41011	ENVIRONMENTAL ENGINEERING - II	29	47	3
13VV1A0112	RT41012	PRESTRESSED CONCRETE	29	49	3
13VV1A0112	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	30	48	3
13VV1A0112	RT41014	WATER RESOURCE ENGINEERING - II	27	39	3
13VV1A0112	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	39	3
13VV1A0112	RT41016	GROUND IMPROVEMENT TECHINIQUES	28	47	3
13VV1A0112	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0112	RT4101M	GIS & CAD LAB	22	49	2
13VV1A0113	RT41011	ENVIRONMENTAL ENGINEERING - II	24	51	3
13VV1A0113	RT41012	PRESTRESSED CONCRETE	28	30	3
13VV1A0113	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	42	3
13VV1A0113	RT41014	WATER RESOURCE ENGINEERING - II	26	38	3
13VV1A0113	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	37	3
13VV1A0113	RT41016	GROUND IMPROVEMENT TECHINIQUES	27	46	3
13VV1A0113	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	50	2
13VV1A0113	RT4101M	GIS & CAD LAB	20	46	2
13VV1A0114	RT41011	ENVIRONMENTAL ENGINEERING - II	27	53	3
13VV1A0114	RT41012	PRESTRESSED CONCRETE	29	43	3
13VV1A0114	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	43	3
13VV1A0114	RT41014	WATER RESOURCE ENGINEERING - II	26	48	3
13VV1A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	43	3
13VV1A0114	RT41016	GROUND IMPROVEMENT TECHINIQUES	27	47	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0114	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	50	2
13VV1A0114	RT4101M	GIS & CAD LAB	22	49	2
13VV1A0115	RT41011	ENVIRONMENTAL ENGINEERING - II	29	49	3
13VV1A0115	RT41012	PRESTRESSED CONCRETE	29	40	3
13VV1A0115	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	39	3
13VV1A0115	RT41014	WATER RESOURCE ENGINEERING - II	26	39	3
13VV1A0115	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	41	3
13VV1A0115	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	47	3
13VV1A0115	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0115	RT4101M	GIS & CAD LAB	23	50	2
13VV1A0116	RT41011	ENVIRONMENTAL ENGINEERING - II	23	48	3
13VV1A0116	RT41012	PRESTRESSED CONCRETE	27	38	3
13VV1A0116	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	37	3
13VV1A0116	RT41014	WATER RESOURCE ENGINEERING - II	21	33	3
13VV1A0116	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	37	3
13VV1A0116	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	45	3
13VV1A0116	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
13VV1A0116	RT4101M	GIS & CAD LAB	17	44	2
13VV1A0117	RT41011	ENVIRONMENTAL ENGINEERING - II	29	51	3
13VV1A0117	RT41012	PRESTRESSED CONCRETE	24	49	3
13VV1A0117	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	43	3
13VV1A0117	RT41014	WATER RESOURCE ENGINEERING - II	24	40	3
13VV1A0117	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	42	3
13VV1A0117	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	45	3
13VV1A0117	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	44	2
13VV1A0117	RT4101M	GIS & CAD LAB	18	49	2
13VV1A0118	RT41011	ENVIRONMENTAL ENGINEERING - II	25	41	3
13VV1A0118	RT41012	PRESTRESSED CONCRETE	27	45	3
13VV1A0118	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	29	38	3
13VV1A0118	RT41014	WATER RESOURCE ENGINEERING - II	23	42	3
13VV1A0118	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	37	3
13VV1A0118	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	31	3
13VV1A0118	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	43	2
13VV1A0118	RT4101M	GIS & CAD LAB	17	46	2
13VV1A0119	RT41011	ENVIRONMENTAL ENGINEERING - II	26	51	3
13VV1A0119	RT41012	PRESTRESSED CONCRETE	26	32	3
13VV1A0119	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	44	3
13VV1A0119	RT41014	WATER RESOURCE ENGINEERING - II	22	38	3
13VV1A0119	RT41015	REMOTE SENSING AND GIS APPLICATIONS	25	43	3
13VV1A0119	RT41016	GROUND IMPROVEMENT TECHNIQUES	24	43	3
13VV1A0119	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	47	2
13VV1A0119	RT4101M	GIS & CAD LAB	19	44	2
13VV1A0120	RT41011	ENVIRONMENTAL ENGINEERING - II	23	44	3
13VV1A0120	RT41012	PRESTRESSED CONCRETE	26	37	3
13VV1A0120	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	28	3
13VV1A0120	RT41014	WATER RESOURCE ENGINEERING - II	24	25	3
13VV1A0120	RT41015	REMOTE SENSING AND GIS APPLICATIONS	21	34	3
13VV1A0120	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	29	3
13VV1A0120	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
13VV1A0120	RT4101M	GIS & CAD LAB	21	48	2
13VV1A0121	RT41011	ENVIRONMENTAL ENGINEERING - II	26	49	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0121	RT41012	PRESTRESSED CONCRETE	24	29	3
13VV1A0121	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	35	3
13VV1A0121	RT41014	WATER RESOURCE ENGINEERING - II	22	38	3
13VV1A0121	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	42	3
13VV1A0121	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	38	3
13VV1A0121	RT4101L	ENVIRONMENTAL ENGINEERING LAB	23	45	2
13VV1A0121	RT4101M	GIS & CAD LAB	19	45	2
13VV1A0122	RT41011	ENVIRONMENTAL ENGINEERING - II	29	42	3
13VV1A0122	RT41012	PRESTRESSED CONCRETE	26	30	3
13VV1A0122	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	34	3
13VV1A0122	RT41014	WATER RESOURCE ENGINEERING - II	22	37	3
13VV1A0122	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	39	3
13VV1A0122	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	45	3
13VV1A0122	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	46	2
13VV1A0122	RT4101M	GIS & CAD LAB	18	46	2
13VV1A0123	RT41011	ENVIRONMENTAL ENGINEERING - II	30	48	3
13VV1A0123	RT41012	PRESTRESSED CONCRETE	29	31	3
13VV1A0123	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	46	3
13VV1A0123	RT41014	WATER RESOURCE ENGINEERING - II	22	44	3
13VV1A0123	RT41015	REMOTE SENSING AND GIS APPLICATIONS	28	37	3
13VV1A0123	RT41016	GROUND IMPROVEMENT TECHNIQUES	29	37	3
13VV1A0123	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0123	RT4101M	GIS & CAD LAB	22	50	2
13VV1A0124	RT41011	ENVIRONMENTAL ENGINEERING - II	30	48	3
13VV1A0124	RT41012	PRESTRESSED CONCRETE	30	57	3
13VV1A0124	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	34	3
13VV1A0124	RT41014	WATER RESOURCE ENGINEERING - II	25	43	3
13VV1A0124	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	51	3
13VV1A0124	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	36	3
13VV1A0124	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0124	RT4101M	GIS & CAD LAB	23	50	2
13VV1A0125	RT41011	ENVIRONMENTAL ENGINEERING - II	18	34	3
13VV1A0125	RT41012	PRESTRESSED CONCRETE	24	31	3
13VV1A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	35	3
13VV1A0125	RT41014	WATER RESOURCE ENGINEERING - II	19	31	3
13VV1A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	22	28	3
13VV1A0125	RT41016	GROUND IMPROVEMENT TECHNIQUES	27	40	3
13VV1A0125	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	44	2
13VV1A0125	RT4101M	GIS & CAD LAB	19	45	2
13VV1A0126	RT41011	ENVIRONMENTAL ENGINEERING - II	28	43	3
13VV1A0126	RT41012	PRESTRESSED CONCRETE	27	37	3
13VV1A0126	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	22	29	3
13VV1A0126	RT41014	WATER RESOURCE ENGINEERING - II	22	29	3
13VV1A0126	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	33	3
13VV1A0126	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	33	3
13VV1A0126	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	42	2
13VV1A0126	RT4101M	GIS & CAD LAB	18	43	2
13VV1A0128	RT41011	ENVIRONMENTAL ENGINEERING - II	29	47	3
13VV1A0128	RT41012	PRESTRESSED CONCRETE	28	37	3
13VV1A0128	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	27	37	3
13VV1A0128	RT41014	WATER RESOURCE ENGINEERING - II	22	42	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0128	RT41015	REMOTE SENSING AND GIS APPLICATIONS	24	42	3
13VV1A0128	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	32	3
13VV1A0128	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	50	2
13VV1A0128	RT4101M	GIS & CAD LAB	21	47	2
13VV1A0129	RT41011	ENVIRONMENTAL ENGINEERING - II	28	46	3
13VV1A0129	RT41012	PRESTRESSED CONCRETE	27	33	3
13VV1A0129	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	37	3
13VV1A0129	RT41014	WATER RESOURCE ENGINEERING - II	23	32	3
13VV1A0129	RT41015	REMOTE SENSING AND GIS APPLICATIONS	26	38	3
13VV1A0129	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	39	3
13VV1A0129	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
13VV1A0129	RT4101M	GIS & CAD LAB	21	45	2
13VV1A0130	RT41011	ENVIRONMENTAL ENGINEERING - II	26	51	3
13VV1A0130	RT41012	PRESTRESSED CONCRETE	25	45	3
13VV1A0130	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	47	3
13VV1A0130	RT41014	WATER RESOURCE ENGINEERING - II	22	39	3
13VV1A0130	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	31	3
13VV1A0130	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	41	3
13VV1A0130	RT4101L	ENVIRONMENTAL ENGINEERING LAB	22	50	2
13VV1A0130	RT4101M	GIS & CAD LAB	19	47	2
13VV1A0201	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	51	3
13VV1A0201	RT41022	HVAC & DC TRANSMISSION	29	60	3
13VV1A0201	RT41023	POWER SYSTEM OPERATION & CONTROL	25	57	3
13VV1A0201	RT41025	INSTRUMENTATION	26	51	3
13VV1A0201	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	55	3
13VV1A0201	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	44	2
13VV1A0201	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
13VV1A0201	RT4102N	POWER SYSTEMS LAB	23	39	2
13VV1A0202	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	36	3
13VV1A0202	RT41022	HVAC & DC TRANSMISSION	24	29	3
13VV1A0202	RT41023	POWER SYSTEM OPERATION & CONTROL	18	33	3
13VV1A0202	RT41025	INSTRUMENTATION	19	39	3
13VV1A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	44	3
13VV1A0202	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	42	2
13VV1A0202	RT4102M	ELECTRICAL SIMULATION LAB	19	33	2
13VV1A0202	RT4102N	POWER SYSTEMS LAB	21	30	2
13VV1A0203	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	42	3
13VV1A0203	RT41022	HVAC & DC TRANSMISSION	18	39	3
13VV1A0203	RT41023	POWER SYSTEM OPERATION & CONTROL	23	30	3
13VV1A0203	RT41025	INSTRUMENTATION	21	43	3
13VV1A0203	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	51	3
13VV1A0203	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	43	2
13VV1A0203	RT4102M	ELECTRICAL SIMULATION LAB	22	31	2
13VV1A0203	RT4102N	POWER SYSTEMS LAB	20	28	2
13VV1A0204	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	51	3
13VV1A0204	RT41022	HVAC & DC TRANSMISSION	23	44	3
13VV1A0204	RT41023	POWER SYSTEM OPERATION & CONTROL	21	57	3
13VV1A0204	RT41025	INSTRUMENTATION	25	47	3
13VV1A0204	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	54	3
13VV1A0204	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	40	2
13VV1A0204	RT4102M	ELECTRICAL SIMULATION LAB	21	40	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0204	RT4102N	POWER SYSTEMS LAB	22	33	2
13VV1A0205	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	44	3
13VV1A0205	RT41022	HVAC & DC TRANSMISSION	21	41	3
13VV1A0205	RT41023	POWER SYSTEM OPERATION & CONTROL	25	60	3
13VV1A0205	RT41025	INSTRUMENTATION	23	39	3
13VV1A0205	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	54	3
13VV1A0205	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	23	46	2
13VV1A0205	RT4102M	ELECTRICAL SIMULATION LAB	22	36	2
13VV1A0205	RT4102N	POWER SYSTEMS LAB	22	36	2
13VV1A0206	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	48	3
13VV1A0206	RT41022	HVAC & DC TRANSMISSION	22	54	3
13VV1A0206	RT41023	POWER SYSTEM OPERATION & CONTROL	23	51	3
13VV1A0206	RT41025	INSTRUMENTATION	25	46	3
13VV1A0206	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	53	3
13VV1A0206	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	42	2
13VV1A0206	RT4102M	ELECTRICAL SIMULATION LAB	21	42	2
13VV1A0206	RT4102N	POWER SYSTEMS LAB	21	39	2
13VV1A0207	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	39	3
13VV1A0207	RT41022	HVAC & DC TRANSMISSION	19	45	3
13VV1A0207	RT41023	POWER SYSTEM OPERATION & CONTROL	22	51	3
13VV1A0207	RT41025	INSTRUMENTATION	21	40	3
13VV1A0207	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	46	3
13VV1A0207	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	40	2
13VV1A0207	RT4102M	ELECTRICAL SIMULATION LAB	19	32	2
13VV1A0207	RT4102N	POWER SYSTEMS LAB	20	28	2
13VV1A0208	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	44	3
13VV1A0208	RT41022	HVAC & DC TRANSMISSION	22	55	3
13VV1A0208	RT41023	POWER SYSTEM OPERATION & CONTROL	28	55	3
13VV1A0208	RT41025	INSTRUMENTATION	25	46	3
13VV1A0208	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	46	3
13VV1A0208	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	23	47	2
13VV1A0208	RT4102M	ELECTRICAL SIMULATION LAB	22	41	2
13VV1A0208	RT4102N	POWER SYSTEMS LAB	22	35	2
13VV1A0209	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	44	3
13VV1A0209	RT41022	HVAC & DC TRANSMISSION	28	40	3
13VV1A0209	RT41023	POWER SYSTEM OPERATION & CONTROL	22	43	3
13VV1A0209	RT41025	INSTRUMENTATION	26	53	3
13VV1A0209	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	51	3
13VV1A0209	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	44	2
13VV1A0209	RT4102M	ELECTRICAL SIMULATION LAB	21	35	2
13VV1A0209	RT4102N	POWER SYSTEMS LAB	21	35	2
13VV1A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	43	3
13VV1A0210	RT41022	HVAC & DC TRANSMISSION	24	48	3
13VV1A0210	RT41023	POWER SYSTEM OPERATION & CONTROL	21	54	3
13VV1A0210	RT41025	INSTRUMENTATION	18	46	3
13VV1A0210	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	44	3
13VV1A0210	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	45	2
13VV1A0210	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
13VV1A0210	RT4102N	POWER SYSTEMS LAB	22	31	2
13VV1A0211	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	40	3
13VV1A0211	RT41022	HVAC & DC TRANSMISSION	22	46	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0211	RT41023	POWER SYSTEM OPERATION & CONTROL	21	40	3
13VV1A0211	RT41025	INSTRUMENTATION	23	47	3
13VV1A0211	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	50	3
13VV1A0211	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	43	2
13VV1A0211	RT4102M	ELECTRICAL SIMULATION LAB	22	34	2
13VV1A0211	RT4102N	POWER SYSTEMS LAB	22	32	2
13VV1A0212	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	34	3
13VV1A0212	RT41022	HVAC & DC TRANSMISSION	22	34	3
13VV1A0212	RT41023	POWER SYSTEM OPERATION & CONTROL	17	51	3
13VV1A0212	RT41025	INSTRUMENTATION	19	41	3
13VV1A0212	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	42	3
13VV1A0212	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	41	2
13VV1A0212	RT4102M	ELECTRICAL SIMULATION LAB	21	33	2
13VV1A0212	RT4102N	POWER SYSTEMS LAB	22	33	2
13VV1A0213	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	49	3
13VV1A0213	RT41022	HVAC & DC TRANSMISSION	19	41	3
13VV1A0213	RT41023	POWER SYSTEM OPERATION & CONTROL	20	52	3
13VV1A0213	RT41025	INSTRUMENTATION	21	53	3
13VV1A0213	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	56	3
13VV1A0213	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
13VV1A0213	RT4102M	ELECTRICAL SIMULATION LAB	22	42	2
13VV1A0213	RT4102N	POWER SYSTEMS LAB	22	31	2
13VV1A0214	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	51	3
13VV1A0214	RT41022	HVAC & DC TRANSMISSION	26	49	3
13VV1A0214	RT41023	POWER SYSTEM OPERATION & CONTROL	26	64	3
13VV1A0214	RT41025	INSTRUMENTATION	27	38	3
13VV1A0214	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	52	3
13VV1A0214	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	41	2
13VV1A0214	RT4102M	ELECTRICAL SIMULATION LAB	21	45	2
13VV1A0214	RT4102N	POWER SYSTEMS LAB	22	38	2
13VV1A0215	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	54	3
13VV1A0215	RT41022	HVAC & DC TRANSMISSION	28	60	3
13VV1A0215	RT41023	POWER SYSTEM OPERATION & CONTROL	26	60	3
13VV1A0215	RT41025	INSTRUMENTATION	26	61	3
13VV1A0215	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	53	3
13VV1A0215	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
13VV1A0215	RT4102M	ELECTRICAL SIMULATION LAB	24	43	2
13VV1A0215	RT4102N	POWER SYSTEMS LAB	19	45	2
13VV1A0218	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	51	3
13VV1A0218	RT41022	HVAC & DC TRANSMISSION	26	57	3
13VV1A0218	RT41023	POWER SYSTEM OPERATION & CONTROL	29	65	3
13VV1A0218	RT41025	INSTRUMENTATION	27	57	3
13VV1A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	58	3
13VV1A0218	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	41	2
13VV1A0218	RT4102M	ELECTRICAL SIMULATION LAB	23	39	2
13VV1A0218	RT4102N	POWER SYSTEMS LAB	23	43	2
13VV1A0219	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	57	3
13VV1A0219	RT41022	HVAC & DC TRANSMISSION	26	58	3
13VV1A0219	RT41023	POWER SYSTEM OPERATION & CONTROL	30	61	3
13VV1A0219	RT41025	INSTRUMENTATION	26	59	3
13VV1A0219	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	56	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0219	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	42	2
13VV1A0219	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
13VV1A0219	RT4102N	POWER SYSTEMS LAB	22	46	2
13VV1A0220	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	49	3
13VV1A0220	RT41022	HVAC & DC TRANSMISSION	24	49	3
13VV1A0220	RT41023	POWER SYSTEM OPERATION & CONTROL	24	60	3
13VV1A0220	RT41025	INSTRUMENTATION	26	51	3
13VV1A0220	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	55	3
13VV1A0220	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	44	2
13VV1A0220	RT4102M	ELECTRICAL SIMULATION LAB	22	44	2
13VV1A0220	RT4102N	POWER SYSTEMS LAB	22	35	2
13VV1A0221	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	37	3
13VV1A0221	RT41022	HVAC & DC TRANSMISSION	16	28	3
13VV1A0221	RT41023	POWER SYSTEM OPERATION & CONTROL	18	28	3
13VV1A0221	RT41025	INSTRUMENTATION	19	39	3
13VV1A0221	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	25	3
13VV1A0221	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	18	43	2
13VV1A0221	RT4102M	ELECTRICAL SIMULATION LAB	18	33	2
13VV1A0221	RT4102N	POWER SYSTEMS LAB	19	31	2
13VV1A0222	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	45	3
13VV1A0222	RT41022	HVAC & DC TRANSMISSION	22	45	3
13VV1A0222	RT41023	POWER SYSTEM OPERATION & CONTROL	18	37	3
13VV1A0222	RT41025	INSTRUMENTATION	17	24	3
13VV1A0222	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	51	3
13VV1A0222	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	19	40	2
13VV1A0222	RT4102M	ELECTRICAL SIMULATION LAB	18	31	2
13VV1A0222	RT4102N	POWER SYSTEMS LAB	20	39	2
13VV1A0223	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	39	3
13VV1A0223	RT41022	HVAC & DC TRANSMISSION	18	46	3
13VV1A0223	RT41023	POWER SYSTEM OPERATION & CONTROL	18	53	3
13VV1A0223	RT41025	INSTRUMENTATION	22	43	3
13VV1A0223	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	53	3
13VV1A0223	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	18	41	2
13VV1A0223	RT4102M	ELECTRICAL SIMULATION LAB	21	36	2
13VV1A0223	RT4102N	POWER SYSTEMS LAB	21	38	2
13VV1A0224	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	47	3
13VV1A0224	RT41022	HVAC & DC TRANSMISSION	23	61	3
13VV1A0224	RT41023	POWER SYSTEM OPERATION & CONTROL	25	63	3
13VV1A0224	RT41025	INSTRUMENTATION	25	49	3
13VV1A0224	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
13VV1A0224	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	43	2
13VV1A0224	RT4102M	ELECTRICAL SIMULATION LAB	21	42	2
13VV1A0224	RT4102N	POWER SYSTEMS LAB	22	37	2
13VV1A0225	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	53	3
13VV1A0225	RT41022	HVAC & DC TRANSMISSION	26	47	3
13VV1A0225	RT41023	POWER SYSTEM OPERATION & CONTROL	23	54	3
13VV1A0225	RT41025	INSTRUMENTATION	26	55	3
13VV1A0225	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	54	3
13VV1A0225	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	46	2
13VV1A0225	RT4102M	ELECTRICAL SIMULATION LAB	21	39	2
13VV1A0225	RT4102N	POWER SYSTEMS LAB	19	36	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0226	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	53	3
13VV1A0226	RT41022	HVAC & DC TRANSMISSION	24	61	3
13VV1A0226	RT41023	POWER SYSTEM OPERATION & CONTROL	28	57	3
13VV1A0226	RT41025	INSTRUMENTATION	27	58	3
13VV1A0226	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	54	3
13VV1A0226	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	24	43	2
13VV1A0226	RT4102M	ELECTRICAL SIMULATION LAB	21	37	2
13VV1A0226	RT4102N	POWER SYSTEMS LAB	21	31	2
13VV1A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	44	3
13VV1A0227	RT41022	HVAC & DC TRANSMISSION	24	47	3
13VV1A0227	RT41023	POWER SYSTEM OPERATION & CONTROL	28	54	3
13VV1A0227	RT41025	INSTRUMENTATION	27	44	3
13VV1A0227	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
13VV1A0227	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	23	44	2
13VV1A0227	RT4102M	ELECTRICAL SIMULATION LAB	21	37	2
13VV1A0227	RT4102N	POWER SYSTEMS LAB	22	40	2
13VV1A0229	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	48	3
13VV1A0229	RT41022	HVAC & DC TRANSMISSION	28	39	3
13VV1A0229	RT41023	POWER SYSTEM OPERATION & CONTROL	26	59	3
13VV1A0229	RT41025	INSTRUMENTATION	25	55	3
13VV1A0229	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	52	3
13VV1A0229	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	43	2
13VV1A0229	RT4102M	ELECTRICAL SIMULATION LAB	20	35	2
13VV1A0229	RT4102N	POWER SYSTEMS LAB	21	33	2
13VV1A0230	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	55	3
13VV1A0230	RT41022	HVAC & DC TRANSMISSION	25	51	3
13VV1A0230	RT41023	POWER SYSTEM OPERATION & CONTROL	26	56	3
13VV1A0230	RT41025	INSTRUMENTATION	24	44	3
13VV1A0230	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
13VV1A0230	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	44	2
13VV1A0230	RT4102M	ELECTRICAL SIMULATION LAB	23	45	2
13VV1A0230	RT4102N	POWER SYSTEMS LAB	22	32	2
13VV1A0231	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	49	3
13VV1A0231	RT41022	HVAC & DC TRANSMISSION	27	50	3
13VV1A0231	RT41023	POWER SYSTEM OPERATION & CONTROL	26	63	3
13VV1A0231	RT41025	INSTRUMENTATION	28	53	3
13VV1A0231	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	58	3
13VV1A0231	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	45	2
13VV1A0231	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
13VV1A0231	RT4102N	POWER SYSTEMS LAB	21	37	2
13VV1A0232	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	51	3
13VV1A0232	RT41022	HVAC & DC TRANSMISSION	23	40	3
13VV1A0232	RT41023	POWER SYSTEM OPERATION & CONTROL	24	59	3
13VV1A0232	RT41025	INSTRUMENTATION	25	52	3
13VV1A0232	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	54	3
13VV1A0232	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	43	2
13VV1A0232	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
13VV1A0232	RT4102N	POWER SYSTEMS LAB	22	35	2
13VV1A0233	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	48	3
13VV1A0233	RT41022	HVAC & DC TRANSMISSION	20	46	3
13VV1A0233	RT41023	POWER SYSTEM OPERATION & CONTROL	21	48	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0233	RT41025	INSTRUMENTATION	21	54	3
13VV1A0233	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	50	3
13VV1A0233	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	45	2
13VV1A0233	RT4102M	ELECTRICAL SIMULATION LAB	22	43	2
13VV1A0233	RT4102N	POWER SYSTEMS LAB	21	34	2
13VV1A0234	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	39	3
13VV1A0234	RT41022	HVAC & DC TRANSMISSION	26	42	3
13VV1A0234	RT41023	POWER SYSTEM OPERATION & CONTROL	19	52	3
13VV1A0234	RT41025	INSTRUMENTATION	21	37	3
13VV1A0234	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
13VV1A0234	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	43	2
13VV1A0234	RT4102M	ELECTRICAL SIMULATION LAB	20	38	2
13VV1A0234	RT4102N	POWER SYSTEMS LAB	22	27	2
13VV1A0235	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	53	3
13VV1A0235	RT41022	HVAC & DC TRANSMISSION	25	53	3
13VV1A0235	RT41023	POWER SYSTEM OPERATION & CONTROL	19	57	3
13VV1A0235	RT41025	INSTRUMENTATION	23	53	3
13VV1A0235	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	54	3
13VV1A0235	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
13VV1A0235	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
13VV1A0235	RT4102N	POWER SYSTEMS LAB	22	35	2
13VV1A0236	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	36	3
13VV1A0236	RT41022	HVAC & DC TRANSMISSION	21	36	3
13VV1A0236	RT41023	POWER SYSTEM OPERATION & CONTROL	20	40	3
13VV1A0236	RT41025	INSTRUMENTATION	23	38	3
13VV1A0236	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	57	3
13VV1A0236	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
13VV1A0236	RT4102M	ELECTRICAL SIMULATION LAB	21	36	2
13VV1A0236	RT4102N	POWER SYSTEMS LAB	21	27	2
13VV1A0237	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	23	41	3
13VV1A0237	RT41022	HVAC & DC TRANSMISSION	23	40	3
13VV1A0237	RT41023	POWER SYSTEM OPERATION & CONTROL	21	63	3
13VV1A0237	RT41025	INSTRUMENTATION	22	36	3
13VV1A0237	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	50	3
13VV1A0237	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	49	2
13VV1A0237	RT4102M	ELECTRICAL SIMULATION LAB	21	38	2
13VV1A0237	RT4102N	POWER SYSTEMS LAB	21	34	2
13VV1A0238	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	48	3
13VV1A0238	RT41022	HVAC & DC TRANSMISSION	23	59	3
13VV1A0238	RT41023	POWER SYSTEM OPERATION & CONTROL	18	56	3
13VV1A0238	RT41025	INSTRUMENTATION	19	42	3
13VV1A0238	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	15	55	3
13VV1A0238	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	47	2
13VV1A0238	RT4102M	ELECTRICAL SIMULATION LAB	19	35	2
13VV1A0238	RT4102N	POWER SYSTEMS LAB	20	42	2
13VV1A0239	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	36	3
13VV1A0239	RT41022	HVAC & DC TRANSMISSION	22	34	3
13VV1A0239	RT41023	POWER SYSTEM OPERATION & CONTROL	16	39	3
13VV1A0239	RT41025	INSTRUMENTATION	21	29	3
13VV1A0239	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	58	3
13VV1A0239	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	43	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0239	RT4102M	ELECTRICAL SIMULATION LAB	21	36	2
13VV1A0239	RT4102N	POWER SYSTEMS LAB	19	29	2
13VV1A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	38	3
13VV1A0240	RT41022	HVAC & DC TRANSMISSION	17	41	3
13VV1A0240	RT41023	POWER SYSTEM OPERATION & CONTROL	26	28	3
13VV1A0240	RT41025	INSTRUMENTATION	14	40	3
13VV1A0240	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	18	44	3
13VV1A0240	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	47	2
13VV1A0240	RT4102M	ELECTRICAL SIMULATION LAB	19	36	2
13VV1A0240	RT4102N	POWER SYSTEMS LAB	19	29	2
13VV1A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	21	41	3
13VV1A0241	RT41022	HVAC & DC TRANSMISSION	24	51	3
13VV1A0241	RT41023	POWER SYSTEM OPERATION & CONTROL	16	60	3
13VV1A0241	RT41025	INSTRUMENTATION	17	34	3
13VV1A0241	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	25	50	3
13VV1A0241	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	23	48	2
13VV1A0241	RT4102M	ELECTRICAL SIMULATION LAB	19	33	2
13VV1A0241	RT4102N	POWER SYSTEMS LAB	21	39	2
13VV1A0242	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	16	44	3
13VV1A0242	RT41022	HVAC & DC TRANSMISSION	19	24	3
13VV1A0242	RT41023	POWER SYSTEM OPERATION & CONTROL	19	19	0
13VV1A0242	RT41025	INSTRUMENTATION	16	18	0
13VV1A0242	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	10	38	3
13VV1A0242	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	40	2
13VV1A0242	RT4102M	ELECTRICAL SIMULATION LAB	17	25	2
13VV1A0242	RT4102N	POWER SYSTEMS LAB	19	20	2
13VV1A0243	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	40	3
13VV1A0243	RT41022	HVAC & DC TRANSMISSION	18	48	3
13VV1A0243	RT41023	POWER SYSTEM OPERATION & CONTROL	13	27	3
13VV1A0243	RT41025	INSTRUMENTATION	15	32	3
13VV1A0243	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	49	3
13VV1A0243	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	42	2
13VV1A0243	RT4102M	ELECTRICAL SIMULATION LAB	17	42	2
13VV1A0243	RT4102N	POWER SYSTEMS LAB	20	25	2
13VV1A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	47	3
13VV1A0244	RT41022	HVAC & DC TRANSMISSION	28	42	3
13VV1A0244	RT41023	POWER SYSTEM OPERATION & CONTROL	27	49	3
13VV1A0244	RT41025	INSTRUMENTATION	26	52	3
13VV1A0244	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	58	3
13VV1A0244	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	46	2
13VV1A0244	RT4102M	ELECTRICAL SIMULATION LAB	23	38	2
13VV1A0244	RT4102N	POWER SYSTEMS LAB	22	43	2
13VV1A0245	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	36	3
13VV1A0245	RT41022	HVAC & DC TRANSMISSION	18	29	3
13VV1A0245	RT41023	POWER SYSTEM OPERATION & CONTROL	18	42	3
13VV1A0245	RT41025	INSTRUMENTATION	15	28	3
13VV1A0245	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	34	3
13VV1A0245	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	46	2
13VV1A0245	RT4102M	ELECTRICAL SIMULATION LAB	19	35	2
13VV1A0245	RT4102N	POWER SYSTEMS LAB	19	25	2
13VV1A0246	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	56	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0246	RT41022	HVAC & DC TRANSMISSION	25	57	3
13VV1A0246	RT41023	POWER SYSTEM OPERATION & CONTROL	25	67	3
13VV1A0246	RT41025	INSTRUMENTATION	24	58	3
13VV1A0246	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	54	3
13VV1A0246	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
13VV1A0246	RT4102M	ELECTRICAL SIMULATION LAB	23	36	2
13VV1A0246	RT4102N	POWER SYSTEMS LAB	21	33	2
13VV1A0247	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	25	36	3
13VV1A0247	RT41022	HVAC & DC TRANSMISSION	20	50	3
13VV1A0247	RT41023	POWER SYSTEM OPERATION & CONTROL	19	64	3
13VV1A0247	RT41025	INSTRUMENTATION	22	42	3
13VV1A0247	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	52	3
13VV1A0247	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	40	2
13VV1A0247	RT4102M	ELECTRICAL SIMULATION LAB	21	37	2
13VV1A0247	RT4102N	POWER SYSTEMS LAB	21	26	2
13VV1A0248	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	47	3
13VV1A0248	RT41022	HVAC & DC TRANSMISSION	23	48	3
13VV1A0248	RT41023	POWER SYSTEM OPERATION & CONTROL	26	52	3
13VV1A0248	RT41025	INSTRUMENTATION	22	49	3
13VV1A0248	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	50	3
13VV1A0248	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	44	2
13VV1A0248	RT4102M	ELECTRICAL SIMULATION LAB	19	39	2
13VV1A0248	RT4102N	POWER SYSTEMS LAB	21	36	2
13VV1A0249	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	46	3
13VV1A0249	RT41022	HVAC & DC TRANSMISSION	22	44	3
13VV1A0249	RT41023	POWER SYSTEM OPERATION & CONTROL	17	58	3
13VV1A0249	RT41025	INSTRUMENTATION	16	49	3
13VV1A0249	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	18	47	3
13VV1A0249	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	40	2
13VV1A0249	RT4102M	ELECTRICAL SIMULATION LAB	19	36	2
13VV1A0249	RT4102N	POWER SYSTEMS LAB	21	39	2
13VV1A0250	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	52	3
13VV1A0250	RT41022	HVAC & DC TRANSMISSION	27	39	3
13VV1A0250	RT41023	POWER SYSTEM OPERATION & CONTROL	26	47	3
13VV1A0250	RT41025	INSTRUMENTATION	26	59	3
13VV1A0250	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	50	3
13VV1A0250	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
13VV1A0250	RT4102M	ELECTRICAL SIMULATION LAB	23	37	2
13VV1A0250	RT4102N	POWER SYSTEMS LAB	22	44	2
13VV1A0251	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	27	47	3
13VV1A0251	RT41022	HVAC & DC TRANSMISSION	25	57	3
13VV1A0251	RT41023	POWER SYSTEM OPERATION & CONTROL	17	41	3
13VV1A0251	RT41025	INSTRUMENTATION	24	43	3
13VV1A0251	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	22	53	3
13VV1A0251	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	23	44	2
13VV1A0251	RT4102M	ELECTRICAL SIMULATION LAB	19	36	2
13VV1A0251	RT4102N	POWER SYSTEMS LAB	21	29	2
13VV1A0252	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	20	45	3
13VV1A0252	RT41022	HVAC & DC TRANSMISSION	21	24	3
13VV1A0252	RT41023	POWER SYSTEM OPERATION & CONTROL	22	57	3
13VV1A0252	RT41025	INSTRUMENTATION	15	46	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0252	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	42	3
13VV1A0252	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	23	47	2
13VV1A0252	RT4102M	ELECTRICAL SIMULATION LAB	20	40	2
13VV1A0252	RT4102N	POWER SYSTEMS LAB	20	33	2
13VV1A0253	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	19	29	3
13VV1A0253	RT41022	HVAC & DC TRANSMISSION	19	29	3
13VV1A0253	RT41023	POWER SYSTEM OPERATION & CONTROL	14	38	3
13VV1A0253	RT41025	INSTRUMENTATION	17	37	3
13VV1A0253	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	37	3
13VV1A0253	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	45	2
13VV1A0253	RT4102M	ELECTRICAL SIMULATION LAB	20	31	2
13VV1A0253	RT4102N	POWER SYSTEMS LAB	20	24	2
13VV1A0254	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	24	45	3
13VV1A0254	RT41022	HVAC & DC TRANSMISSION	26	54	3
13VV1A0254	RT41023	POWER SYSTEM OPERATION & CONTROL	22	56	3
13VV1A0254	RT41025	INSTRUMENTATION	25	59	3
13VV1A0254	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	24	52	3
13VV1A0254	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	43	2
13VV1A0254	RT4102M	ELECTRICAL SIMULATION LAB	20	41	2
13VV1A0254	RT4102N	POWER SYSTEMS LAB	21	29	2
13VV1A0255	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	53	3
13VV1A0255	RT41022	HVAC & DC TRANSMISSION	22	36	3
13VV1A0255	RT41023	POWER SYSTEM OPERATION & CONTROL	18	55	3
13VV1A0255	RT41025	INSTRUMENTATION	19	46	3
13VV1A0255	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	50	3
13VV1A0255	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	43	2
13VV1A0255	RT4102M	ELECTRICAL SIMULATION LAB	18	36	2
13VV1A0255	RT4102N	POWER SYSTEMS LAB	20	20	2
13VV1A0256	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	29	3
13VV1A0256	RT41022	HVAC & DC TRANSMISSION	12	33	3
13VV1A0256	RT41023	POWER SYSTEM OPERATION & CONTROL	6	5	0
13VV1A0256	RT41025	INSTRUMENTATION	13	19	0
13VV1A0256	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	17	38	3
13VV1A0256	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	43	2
13VV1A0256	RT4102M	ELECTRICAL SIMULATION LAB	17	41	2
13VV1A0256	RT4102N	POWER SYSTEMS LAB	19	23	2
13VV1A0257	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	38	3
13VV1A0257	RT41022	HVAC & DC TRANSMISSION	15	42	3
13VV1A0257	RT41023	POWER SYSTEM OPERATION & CONTROL	15	28	3
13VV1A0257	RT41025	INSTRUMENTATION	13	28	3
13VV1A0257	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	13	35	3
13VV1A0257	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	43	2
13VV1A0257	RT4102M	ELECTRICAL SIMULATION LAB	18	36	2
13VV1A0257	RT4102N	POWER SYSTEMS LAB	19	28	2
13VV1A0258	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	15	15	0
13VV1A0258	RT41022	HVAC & DC TRANSMISSION	17	4	0
13VV1A0258	RT41023	POWER SYSTEM OPERATION & CONTROL	13	0	0
13VV1A0258	RT41025	INSTRUMENTATION	9	14	0
13VV1A0258	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	12	17	0
13VV1A0258	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	19	44	2
13VV1A0258	RT4102M	ELECTRICAL SIMULATION LAB	17	28	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0258	RT4102N	POWER SYSTEMS LAB	17	18	2
13VV1A0259	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	22	46	3
13VV1A0259	RT41022	HVAC & DC TRANSMISSION	18	44	3
13VV1A0259	RT41023	POWER SYSTEM OPERATION & CONTROL	23	47	3
13VV1A0259	RT41025	INSTRUMENTATION	23	45	3
13VV1A0259	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	21	51	3
13VV1A0259	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	43	2
13VV1A0259	RT4102M	ELECTRICAL SIMULATION LAB	18	37	2
13VV1A0259	RT4102N	POWER SYSTEMS LAB	18	30	2
13VV1A0260	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	18	27	3
13VV1A0260	RT41022	HVAC & DC TRANSMISSION	17	24	3
13VV1A0260	RT41023	POWER SYSTEM OPERATION & CONTROL	16	45	3
13VV1A0260	RT41025	INSTRUMENTATION	12	36	3
13VV1A0260	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	20	43	3
13VV1A0260	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	22	42	2
13VV1A0260	RT4102M	ELECTRICAL SIMULATION LAB	15	28	2
13VV1A0260	RT4102N	POWER SYSTEMS LAB	19	21	2
13VV1A0301	RT41031	AUTOMOBILE ENGINEERING	23	52	3
13VV1A0301	RT41032	CAD/CAM	29	49	3
13VV1A0301	RT41033	FINITE ELEMENT METHODS	26	55	3
13VV1A0301	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	46	3
13VV1A0301	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	63	3
13VV1A0301	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	21	43	3
13VV1A0301	RT4103L	SIMULATION LAB	23	46	2
13VV1A0301	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0302	RT41031	AUTOMOBILE ENGINEERING	19	46	3
13VV1A0302	RT41032	CAD/CAM	27	57	3
13VV1A0302	RT41033	FINITE ELEMENT METHODS	28	47	3
13VV1A0302	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	46	3
13VV1A0302	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	27	55	3
13VV1A0302	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	51	3
13VV1A0302	RT4103L	SIMULATION LAB	24	45	2
13VV1A0302	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0304	RT41031	AUTOMOBILE ENGINEERING	19	37	3
13VV1A0304	RT41032	CAD/CAM	24	41	3
13VV1A0304	RT41033	FINITE ELEMENT METHODS	25	52	3
13VV1A0304	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	45	3
13VV1A0304	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	42	3
13VV1A0304	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	26	40	3
13VV1A0304	RT4103L	SIMULATION LAB	22	43	2
13VV1A0304	RT4103M	DESIGN/FABRICATION PROJECT	47	0	1
13VV1A0305	RT41031	AUTOMOBILE ENGINEERING	21	31	3
13VV1A0305	RT41032	CAD/CAM	27	48	3
13VV1A0305	RT41033	FINITE ELEMENT METHODS	25	52	3
13VV1A0305	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	52	3
13VV1A0305	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	22	57	3
13VV1A0305	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	57	3
13VV1A0305	RT4103L	SIMULATION LAB	23	46	2
13VV1A0305	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0306	RT41031	AUTOMOBILE ENGINEERING	21	45	3
13VV1A0306	RT41032	CAD/CAM	24	61	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0306	RT41033	FINITE ELEMENT METHODS	25	50	3
13VV1A0306	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	47	3
13VV1A0306	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	26	53	3
13VV1A0306	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	48	3
13VV1A0306	RT4103L	SIMULATION LAB	24	47	2
13VV1A0306	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0307	RT41031	AUTOMOBILE ENGINEERING	21	44	3
13VV1A0307	RT41032	CAD/CAM	27	51	3
13VV1A0307	RT41033	FINITE ELEMENT METHODS	26	49	3
13VV1A0307	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	49	3
13VV1A0307	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	19	53	3
13VV1A0307	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	43	3
13VV1A0307	RT4103L	SIMULATION LAB	24	46	2
13VV1A0307	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0308	RT41031	AUTOMOBILE ENGINEERING	24	44	3
13VV1A0308	RT41032	CAD/CAM	29	46	3
13VV1A0308	RT41033	FINITE ELEMENT METHODS	28	54	3
13VV1A0308	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	42	3
13VV1A0308	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	18	50	3
13VV1A0308	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	49	3
13VV1A0308	RT4103L	SIMULATION LAB	24	49	2
13VV1A0308	RT4103M	DESIGN/FABRICATION PROJECT	50	0	1
13VV1A0309	RT41031	AUTOMOBILE ENGINEERING	22	39	3
13VV1A0309	RT41032	CAD/CAM	26	50	3
13VV1A0309	RT41033	FINITE ELEMENT METHODS	25	52	3
13VV1A0309	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	46	3
13VV1A0309	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	26	53	3
13VV1A0309	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	52	3
13VV1A0309	RT4103L	SIMULATION LAB	24	47	2
13VV1A0309	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0310	RT41031	AUTOMOBILE ENGINEERING	21	32	3
13VV1A0310	RT41032	CAD/CAM	28	54	3
13VV1A0310	RT41033	FINITE ELEMENT METHODS	28	55	3
13VV1A0310	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	37	3
13VV1A0310	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	21	50	3
13VV1A0310	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	21	50	3
13VV1A0310	RT4103L	SIMULATION LAB	24	46	2
13VV1A0310	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0311	RT41031	AUTOMOBILE ENGINEERING	22	32	3
13VV1A0311	RT41032	CAD/CAM	25	39	3
13VV1A0311	RT41033	FINITE ELEMENT METHODS	26	54	3
13VV1A0311	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	38	3
13VV1A0311	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	21	38	3
13VV1A0311	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	27	44	3
13VV1A0311	RT4103L	SIMULATION LAB	24	46	2
13VV1A0311	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0312	RT41031	AUTOMOBILE ENGINEERING	22	42	3
13VV1A0312	RT41032	CAD/CAM	22	45	3
13VV1A0312	RT41033	FINITE ELEMENT METHODS	25	33	3
13VV1A0312	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	46	3
13VV1A0312	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	16	47	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0312	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	22	49	3
13VV1A0312	RT4103L	SIMULATION LAB	24	48	2
13VV1A0312	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0313	RT41031	AUTOMOBILE ENGINEERING	22	38	3
13VV1A0313	RT41032	CAD/CAM	25	46	3
13VV1A0313	RT41033	FINITE ELEMENT METHODS	26	49	3
13VV1A0313	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	45	3
13VV1A0313	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	45	3
13VV1A0313	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	53	3
13VV1A0313	RT4103L	SIMULATION LAB	24	47	2
13VV1A0313	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0315	RT41031	AUTOMOBILE ENGINEERING	22	32	3
13VV1A0315	RT41032	CAD/CAM	26	45	3
13VV1A0315	RT41033	FINITE ELEMENT METHODS	27	51	3
13VV1A0315	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	48	3
13VV1A0315	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	22	53	3
13VV1A0315	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	42	3
13VV1A0315	RT4103L	SIMULATION LAB	23	46	2
13VV1A0315	RT4103M	DESIGN/FABRICATION PROJECT	44	0	1
13VV1A0316	RT41031	AUTOMOBILE ENGINEERING	23	38	3
13VV1A0316	RT41032	CAD/CAM	27	44	3
13VV1A0316	RT41033	FINITE ELEMENT METHODS	27	51	3
13VV1A0316	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	46	3
13VV1A0316	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	44	3
13VV1A0316	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	48	3
13VV1A0316	RT4103L	SIMULATION LAB	23	47	2
13VV1A0316	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0317	RT41031	AUTOMOBILE ENGINEERING	23	39	3
13VV1A0317	RT41032	CAD/CAM	25	56	3
13VV1A0317	RT41033	FINITE ELEMENT METHODS	29	56	3
13VV1A0317	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	54	3
13VV1A0317	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	26	53	3
13VV1A0317	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	54	3
13VV1A0317	RT4103L	SIMULATION LAB	24	46	2
13VV1A0317	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0318	RT41031	AUTOMOBILE ENGINEERING	23	14	0
13VV1A0318	RT41032	CAD/CAM	28	33	3
13VV1A0318	RT41033	FINITE ELEMENT METHODS	19	44	3
13VV1A0318	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	46	3
13VV1A0318	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	17	29	3
13VV1A0318	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	20	44	3
13VV1A0318	RT4103L	SIMULATION LAB	24	46	2
13VV1A0318	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0319	RT41031	AUTOMOBILE ENGINEERING	24	26	3
13VV1A0319	RT41032	CAD/CAM	24	41	3
13VV1A0319	RT41033	FINITE ELEMENT METHODS	27	43	3
13VV1A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	34	3
13VV1A0319	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	22	39	3
13VV1A0319	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	27	42	3
13VV1A0319	RT4103L	SIMULATION LAB	24	47	2
13VV1A0319	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0320	RT41031	AUTOMOBILE ENGINEERING	20	28	3
13VV1A0320	RT41032	CAD/CAM	28	51	3
13VV1A0320	RT41033	FINITE ELEMENT METHODS	27	46	3
13VV1A0320	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	39	3
13VV1A0320	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	26	50	3
13VV1A0320	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	44	3
13VV1A0320	RT4103L	SIMULATION LAB	24	48	2
13VV1A0320	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0321	RT41031	AUTOMOBILE ENGINEERING	24	31	3
13VV1A0321	RT41032	CAD/CAM	26	41	3
13VV1A0321	RT41033	FINITE ELEMENT METHODS	28	47	3
13VV1A0321	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	41	3
13VV1A0321	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	27	43	3
13VV1A0321	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	49	3
13VV1A0321	RT4103L	SIMULATION LAB	24	49	2
13VV1A0321	RT4103M	DESIGN/FABRICATION PROJECT	47	0	1
13VV1A0322	RT41031	AUTOMOBILE ENGINEERING	24	45	3
13VV1A0322	RT41032	CAD/CAM	28	50	3
13VV1A0322	RT41033	FINITE ELEMENT METHODS	29	55	3
13VV1A0322	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	53	3
13VV1A0322	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	27	57	3
13VV1A0322	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	50	3
13VV1A0322	RT4103L	SIMULATION LAB	24	49	2
13VV1A0322	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0323	RT41031	AUTOMOBILE ENGINEERING	19	41	3
13VV1A0323	RT41032	CAD/CAM	25	38	3
13VV1A0323	RT41033	FINITE ELEMENT METHODS	26	50	3
13VV1A0323	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	42	3
13VV1A0323	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	26	46	3
13VV1A0323	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	41	3
13VV1A0323	RT4103L	SIMULATION LAB	24	48	2
13VV1A0323	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0324	RT41031	AUTOMOBILE ENGINEERING	22	27	3
13VV1A0324	RT41032	CAD/CAM	27	47	3
13VV1A0324	RT41033	FINITE ELEMENT METHODS	26	55	3
13VV1A0324	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	42	3
13VV1A0324	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	23	47	3
13VV1A0324	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	43	3
13VV1A0324	RT4103L	SIMULATION LAB	24	48	2
13VV1A0324	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0325	RT41031	AUTOMOBILE ENGINEERING	19	40	3
13VV1A0325	RT41032	CAD/CAM	26	50	3
13VV1A0325	RT41033	FINITE ELEMENT METHODS	27	48	3
13VV1A0325	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	39	3
13VV1A0325	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	53	3
13VV1A0325	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	25	45	3
13VV1A0325	RT4103L	SIMULATION LAB	24	47	2
13VV1A0325	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0326	RT41031	AUTOMOBILE ENGINEERING	24	32	3
13VV1A0326	RT41032	CAD/CAM	27	48	3
13VV1A0326	RT41033	FINITE ELEMENT METHODS	25	50	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0326	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	51	3
13VV1A0326	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	28	49	3
13VV1A0326	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	25	43	3
13VV1A0326	RT4103L	SIMULATION LAB	24	48	2
13VV1A0326	RT4103M	DESIGN/FABRICATION PROJECT	47	0	1
13VV1A0327	RT41031	AUTOMOBILE ENGINEERING	23	46	3
13VV1A0327	RT41032	CAD/CAM	26	57	3
13VV1A0327	RT41033	FINITE ELEMENT METHODS	28	53	3
13VV1A0327	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	56	3
13VV1A0327	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	26	58	3
13VV1A0327	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	53	3
13VV1A0327	RT4103L	SIMULATION LAB	24	48	2
13VV1A0327	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0328	RT41031	AUTOMOBILE ENGINEERING	23	45	3
13VV1A0328	RT41032	CAD/CAM	27	54	3
13VV1A0328	RT41033	FINITE ELEMENT METHODS	27	51	3
13VV1A0328	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	43	3
13VV1A0328	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	60	3
13VV1A0328	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	52	3
13VV1A0328	RT4103L	SIMULATION LAB	23	47	2
13VV1A0328	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0329	RT41031	AUTOMOBILE ENGINEERING	18	39	3
13VV1A0329	RT41032	CAD/CAM	26	39	3
13VV1A0329	RT41033	FINITE ELEMENT METHODS	26	45	3
13VV1A0329	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	44	3
13VV1A0329	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	18	41	3
13VV1A0329	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	20	35	3
13VV1A0329	RT4103L	SIMULATION LAB	23	46	2
13VV1A0329	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0330	RT41031	AUTOMOBILE ENGINEERING	17	41	3
13VV1A0330	RT41032	CAD/CAM	27	48	3
13VV1A0330	RT41033	FINITE ELEMENT METHODS	24	50	3
13VV1A0330	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	38	3
13VV1A0330	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	21	55	3
13VV1A0330	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	26	47	3
13VV1A0330	RT4103L	SIMULATION LAB	23	45	2
13VV1A0330	RT4103M	DESIGN/FABRICATION PROJECT	47	0	1
13VV1A0331	RT41031	AUTOMOBILE ENGINEERING	19	36	3
13VV1A0331	RT41032	CAD/CAM	23	26	3
13VV1A0331	RT41033	FINITE ELEMENT METHODS	26	43	3
13VV1A0331	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	33	3
13VV1A0331	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	43	3
13VV1A0331	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	22	40	3
13VV1A0331	RT4103L	SIMULATION LAB	23	46	2
13VV1A0331	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0332	RT41031	AUTOMOBILE ENGINEERING	23	46	3
13VV1A0332	RT41032	CAD/CAM	27	47	3
13VV1A0332	RT41033	FINITE ELEMENT METHODS	27	52	3
13VV1A0332	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	50	3
13VV1A0332	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	45	3
13VV1A0332	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	51	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0332	RT4103L	SIMULATION LAB	23	46	2
13VV1A0332	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0334	RT41031	AUTOMOBILE ENGINEERING	18	41	3
13VV1A0334	RT41032	CAD/CAM	25	47	3
13VV1A0334	RT41033	FINITE ELEMENT METHODS	22	54	3
13VV1A0334	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	42	3
13VV1A0334	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	18	55	3
13VV1A0334	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	43	3
13VV1A0334	RT4103L	SIMULATION LAB	23	47	2
13VV1A0334	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0335	RT41031	AUTOMOBILE ENGINEERING	21	48	3
13VV1A0335	RT41032	CAD/CAM	27	53	3
13VV1A0335	RT41033	FINITE ELEMENT METHODS	28	51	3
13VV1A0335	RT41034	UNCONVENTIONAL MACHINING PROCESSES	27	47	3
13VV1A0335	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	19	64	3
13VV1A0335	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	50	3
13VV1A0335	RT4103L	SIMULATION LAB	23	48	2
13VV1A0335	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0336	RT41031	AUTOMOBILE ENGINEERING	21	46	3
13VV1A0336	RT41032	CAD/CAM	28	54	3
13VV1A0336	RT41033	FINITE ELEMENT METHODS	27	43	3
13VV1A0336	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	45	3
13VV1A0336	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	22	55	3
13VV1A0336	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	52	3
13VV1A0336	RT4103L	SIMULATION LAB	23	47	2
13VV1A0336	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0337	RT41031	AUTOMOBILE ENGINEERING	22	43	3
13VV1A0337	RT41032	CAD/CAM	27	46	3
13VV1A0337	RT41033	FINITE ELEMENT METHODS	28	49	3
13VV1A0337	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	39	3
13VV1A0337	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	25	55	3
13VV1A0337	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	27	48	3
13VV1A0337	RT4103L	SIMULATION LAB	24	48	2
13VV1A0337	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0338	RT41031	AUTOMOBILE ENGINEERING	22	42	3
13VV1A0338	RT41032	CAD/CAM	24	46	3
13VV1A0338	RT41033	FINITE ELEMENT METHODS	29	43	3
13VV1A0338	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	37	3
13VV1A0338	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	23	52	3
13VV1A0338	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	26	35	3
13VV1A0338	RT4103L	SIMULATION LAB	24	49	2
13VV1A0338	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0339	RT41031	AUTOMOBILE ENGINEERING	22	31	3
13VV1A0339	RT41032	CAD/CAM	25	42	3
13VV1A0339	RT41033	FINITE ELEMENT METHODS	26	52	3
13VV1A0339	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	43	3
13VV1A0339	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	21	38	3
13VV1A0339	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	42	3
13VV1A0339	RT4103L	SIMULATION LAB	23	47	2
13VV1A0339	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0341	RT41031	AUTOMOBILE ENGINEERING	24	46	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0341	RT41032	CAD/CAM	27	53	3
13VV1A0341	RT41033	FINITE ELEMENT METHODS	27	57	3
13VV1A0341	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	53	3
13VV1A0341	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	56	3
13VV1A0341	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	58	3
13VV1A0341	RT4103L	SIMULATION LAB	23	48	2
13VV1A0341	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
13VV1A0342	RT41031	AUTOMOBILE ENGINEERING	21	37	3
13VV1A0342	RT41032	CAD/CAM	26	44	3
13VV1A0342	RT41033	FINITE ELEMENT METHODS	28	46	3
13VV1A0342	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	50	3
13VV1A0342	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	25	51	3
13VV1A0342	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	45	3
13VV1A0342	RT4103L	SIMULATION LAB	23	47	2
13VV1A0342	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0343	RT41031	AUTOMOBILE ENGINEERING	19	43	3
13VV1A0343	RT41032	CAD/CAM	28	49	3
13VV1A0343	RT41033	FINITE ELEMENT METHODS	22	49	3
13VV1A0343	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	42	3
13VV1A0343	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	21	50	3
13VV1A0343	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	41	3
13VV1A0343	RT4103L	SIMULATION LAB	23	47	2
13VV1A0343	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0344	RT41031	AUTOMOBILE ENGINEERING	19	31	3
13VV1A0344	RT41032	CAD/CAM	23	42	3
13VV1A0344	RT41033	FINITE ELEMENT METHODS	22	43	3
13VV1A0344	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	42	3
13VV1A0344	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	14	47	3
13VV1A0344	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	22	33	3
13VV1A0344	RT4103L	SIMULATION LAB	24	48	2
13VV1A0344	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0345	RT41031	AUTOMOBILE ENGINEERING	21	35	3
13VV1A0345	RT41032	CAD/CAM	25	48	3
13VV1A0345	RT41033	FINITE ELEMENT METHODS	26	52	3
13VV1A0345	RT41034	UNCONVENTIONAL MACHINING PROCESSES	23	44	3
13VV1A0345	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	23	55	3
13VV1A0345	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	52	3
13VV1A0345	RT4103L	SIMULATION LAB	23	46	2
13VV1A0345	RT4103M	DESIGN/FABRICATION PROJECT	47	0	1
13VV1A0346	RT41031	AUTOMOBILE ENGINEERING	21	45	3
13VV1A0346	RT41032	CAD/CAM	26	51	3
13VV1A0346	RT41033	FINITE ELEMENT METHODS	27	58	3
13VV1A0346	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	46	3
13VV1A0346	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	25	56	3
13VV1A0346	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	28	48	3
13VV1A0346	RT4103L	SIMULATION LAB	23	47	2
13VV1A0346	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0347	RT41031	AUTOMOBILE ENGINEERING	18	33	3
13VV1A0347	RT41032	CAD/CAM	26	51	3
13VV1A0347	RT41033	FINITE ELEMENT METHODS	28	50	3
13VV1A0347	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	41	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0347	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	23	58	3
13VV1A0347	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	46	3
13VV1A0347	RT4103L	SIMULATION LAB	22	46	2
13VV1A0347	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0348	RT41031	AUTOMOBILE ENGINEERING	14	26	3
13VV1A0348	RT41032	CAD/CAM	22	24	3
13VV1A0348	RT41033	FINITE ELEMENT METHODS	22	24	3
13VV1A0348	RT41034	UNCONVENTIONAL MACHINING PROCESSES	14	28	3
13VV1A0348	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	15	29	3
13VV1A0348	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	21	26	3
13VV1A0348	RT4103L	SIMULATION LAB	23	46	2
13VV1A0348	RT4103M	DESIGN/FABRICATION PROJECT	44	0	1
13VV1A0349	RT41031	AUTOMOBILE ENGINEERING	21	37	3
13VV1A0349	RT41032	CAD/CAM	24	41	3
13VV1A0349	RT41033	FINITE ELEMENT METHODS	21	45	3
13VV1A0349	RT41034	UNCONVENTIONAL MACHINING PROCESSES	21	38	3
13VV1A0349	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	48	3
13VV1A0349	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	24	39	3
13VV1A0349	RT4103L	SIMULATION LAB	24	49	2
13VV1A0349	RT4103M	DESIGN/FABRICATION PROJECT	48	0	1
13VV1A0350	RT41031	AUTOMOBILE ENGINEERING	21	46	3
13VV1A0350	RT41032	CAD/CAM	27	43	3
13VV1A0350	RT41033	FINITE ELEMENT METHODS	25	42	3
13VV1A0350	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	45	3
13VV1A0350	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	23	43	3
13VV1A0350	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	25	50	3
13VV1A0350	RT4103L	SIMULATION LAB	23	48	2
13VV1A0350	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0351	RT41031	AUTOMOBILE ENGINEERING	15	25	3
13VV1A0351	RT41032	CAD/CAM	26	32	3
13VV1A0351	RT41033	FINITE ELEMENT METHODS	23	37	3
13VV1A0351	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	36	3
13VV1A0351	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	19	39	3
13VV1A0351	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	15	40	3
13VV1A0351	RT4103L	SIMULATION LAB	23	45	2
13VV1A0351	RT4103M	DESIGN/FABRICATION PROJECT	44	0	1
13VV1A0352	RT41031	AUTOMOBILE ENGINEERING	19	30	3
13VV1A0352	RT41032	CAD/CAM	24	39	3
13VV1A0352	RT41033	FINITE ELEMENT METHODS	21	43	3
13VV1A0352	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	43	3
13VV1A0352	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	19	45	3
13VV1A0352	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	17	41	3
13VV1A0352	RT4103L	SIMULATION LAB	23	48	2
13VV1A0352	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0353	RT41031	AUTOMOBILE ENGINEERING	23	43	3
13VV1A0353	RT41032	CAD/CAM	25	52	3
13VV1A0353	RT41033	FINITE ELEMENT METHODS	25	44	3
13VV1A0353	RT41034	UNCONVENTIONAL MACHINING PROCESSES	26	53	3
13VV1A0353	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	24	58	3
13VV1A0353	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	52	3
13VV1A0353	RT4103L	SIMULATION LAB	23	48	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0353	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0354	RT41031	AUTOMOBILE ENGINEERING	19	29	3
13VV1A0354	RT41032	CAD/CAM	26	48	3
13VV1A0354	RT41033	FINITE ELEMENT METHODS	18	38	3
13VV1A0354	RT41034	UNCONVENTIONAL MACHINING PROCESSES	16	47	3
13VV1A0354	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	15	35	3
13VV1A0354	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	25	34	3
13VV1A0354	RT4103L	SIMULATION LAB	24	47	2
13VV1A0354	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0355	RT41031	AUTOMOBILE ENGINEERING	20	24	3
13VV1A0355	RT41032	CAD/CAM	27	47	3
13VV1A0355	RT41033	FINITE ELEMENT METHODS	28	51	3
13VV1A0355	RT41034	UNCONVENTIONAL MACHINING PROCESSES	24	45	3
13VV1A0355	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	18	58	3
13VV1A0355	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	43	3
13VV1A0355	RT4103L	SIMULATION LAB	24	47	2
13VV1A0355	RT4103M	DESIGN/FABRICATION PROJECT	46	0	1
13VV1A0357	RT41031	AUTOMOBILE ENGINEERING	25	45	3
13VV1A0357	RT41032	CAD/CAM	26	47	3
13VV1A0357	RT41033	FINITE ELEMENT METHODS	27	50	3
13VV1A0357	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	50	3
13VV1A0357	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	18	59	3
13VV1A0357	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	25	49	3
13VV1A0357	RT4103L	SIMULATION LAB	24	48	2
13VV1A0357	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
13VV1A0358	RT41031	AUTOMOBILE ENGINEERING	18	40	3
13VV1A0358	RT41032	CAD/CAM	27	46	3
13VV1A0358	RT41033	FINITE ELEMENT METHODS	24	44	3
13VV1A0358	RT41034	UNCONVENTIONAL MACHINING PROCESSES	15	53	3
13VV1A0358	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	43	3
13VV1A0358	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	47	3
13VV1A0358	RT4103L	SIMULATION LAB	22	45	2
13VV1A0358	RT4103M	DESIGN/FABRICATION PROJECT	44	0	1
13VV1A0401	RT41041	VLSI DESIGN	25	55	3
13VV1A0401	RT41042	COMPUTER NETWORKS	25	32	3
13VV1A0401	RT41043	DIGITAL IMAGE PROCESSING	23	46	3
13VV1A0401	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	34	3
13VV1A0401	RT41048	RADAR SYSTEMS	25	56	3
13VV1A0401	RT4104A	OPTICAL COMMUNICATION	20	61	3
13VV1A0401	RT4104L	VLSI DESIGN LAB	21	48	2
13VV1A0401	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
13VV1A0402	RT41041	VLSI DESIGN	26	46	3
13VV1A0402	RT41042	COMPUTER NETWORKS	25	48	3
13VV1A0402	RT41043	DIGITAL IMAGE PROCESSING	20	50	3
13VV1A0402	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	29	3
13VV1A0402	RT41048	RADAR SYSTEMS	30	55	3
13VV1A0402	RT4104A	OPTICAL COMMUNICATION	24	54	3
13VV1A0402	RT4104L	VLSI DESIGN LAB	20	43	2
13VV1A0402	RT4104M	MICROWAVE ENGINEERING LAB	21	37	2
13VV1A0403	RT41041	VLSI DESIGN	28	47	3
13VV1A0403	RT41042	COMPUTER NETWORKS	29	26	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0403	RT41043	DIGITAL IMAGE PROCESSING	24	49	3
13VV1A0403	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	25	3
13VV1A0403	RT41048	RADAR SYSTEMS	25	51	3
13VV1A0403	RT4104A	OPTICAL COMMUNICATION	26	49	3
13VV1A0403	RT4104L	VLSI DESIGN LAB	22	48	2
13VV1A0403	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
13VV1A0404	RT41041	VLSI DESIGN	27	40	3
13VV1A0404	RT41042	COMPUTER NETWORKS	29	40	3
13VV1A0404	RT41043	DIGITAL IMAGE PROCESSING	26	51	3
13VV1A0404	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	34	3
13VV1A0404	RT41048	RADAR SYSTEMS	25	56	3
13VV1A0404	RT4104A	OPTICAL COMMUNICATION	26	58	3
13VV1A0404	RT4104L	VLSI DESIGN LAB	25	48	2
13VV1A0404	RT4104M	MICROWAVE ENGINEERING LAB	20	44	2
13VV1A0405	RT41041	VLSI DESIGN	26	45	3
13VV1A0405	RT41042	COMPUTER NETWORKS	30	30	3
13VV1A0405	RT41043	DIGITAL IMAGE PROCESSING	20	47	3
13VV1A0405	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	28	3
13VV1A0405	RT41048	RADAR SYSTEMS	24	47	3
13VV1A0405	RT4104A	OPTICAL COMMUNICATION	25	57	3
13VV1A0405	RT4104L	VLSI DESIGN LAB	22	44	2
13VV1A0405	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
13VV1A0406	RT41041	VLSI DESIGN	24	60	3
13VV1A0406	RT41042	COMPUTER NETWORKS	28	28	3
13VV1A0406	RT41043	DIGITAL IMAGE PROCESSING	24	41	3
13VV1A0406	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	24	3
13VV1A0406	RT41048	RADAR SYSTEMS	28	51	3
13VV1A0406	RT4104A	OPTICAL COMMUNICATION	27	53	3
13VV1A0406	RT4104L	VLSI DESIGN LAB	22	47	2
13VV1A0406	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
13VV1A0407	RT41041	VLSI DESIGN	27	59	3
13VV1A0407	RT41042	COMPUTER NETWORKS	24	28	3
13VV1A0407	RT41043	DIGITAL IMAGE PROCESSING	28	53	3
13VV1A0407	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	32	3
13VV1A0407	RT41048	RADAR SYSTEMS	30	53	3
13VV1A0407	RT4104A	OPTICAL COMMUNICATION	26	59	3
13VV1A0407	RT4104L	VLSI DESIGN LAB	23	43	2
13VV1A0407	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
13VV1A0408	RT41041	VLSI DESIGN	22	55	3
13VV1A0408	RT41042	COMPUTER NETWORKS	28	36	3
13VV1A0408	RT41043	DIGITAL IMAGE PROCESSING	26	51	3
13VV1A0408	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	31	3
13VV1A0408	RT41048	RADAR SYSTEMS	30	55	3
13VV1A0408	RT4104A	OPTICAL COMMUNICATION	26	49	3
13VV1A0408	RT4104L	VLSI DESIGN LAB	22	44	2
13VV1A0408	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
13VV1A0409	RT41041	VLSI DESIGN	25	45	3
13VV1A0409	RT41042	COMPUTER NETWORKS	29	32	3
13VV1A0409	RT41043	DIGITAL IMAGE PROCESSING	22	29	3
13VV1A0409	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	32	3
13VV1A0409	RT41048	RADAR SYSTEMS	25	44	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0409	RT4104A	OPTICAL COMMUNICATION	26	45	3
13VV1A0409	RT4104L	VLSI DESIGN LAB	23	45	2
13VV1A0409	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
13VV1A0410	RT41041	VLSI DESIGN	20	25	3
13VV1A0410	RT41042	COMPUTER NETWORKS	24	26	3
13VV1A0410	RT41043	DIGITAL IMAGE PROCESSING	20	28	3
13VV1A0410	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	23	24	3
13VV1A0410	RT41048	RADAR SYSTEMS	24	43	3
13VV1A0410	RT4104A	OPTICAL COMMUNICATION	22	49	3
13VV1A0410	RT4104L	VLSI DESIGN LAB	19	44	2
13VV1A0410	RT4104M	MICROWAVE ENGINEERING LAB	21	38	2
13VV1A0411	RT41041	VLSI DESIGN	25	53	3
13VV1A0411	RT41042	COMPUTER NETWORKS	29	40	3
13VV1A0411	RT41043	DIGITAL IMAGE PROCESSING	26	48	3
13VV1A0411	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	42	3
13VV1A0411	RT41048	RADAR SYSTEMS	26	57	3
13VV1A0411	RT4104A	OPTICAL COMMUNICATION	23	64	3
13VV1A0411	RT4104L	VLSI DESIGN LAB	22	44	2
13VV1A0411	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
13VV1A0412	RT41041	VLSI DESIGN	24	51	3
13VV1A0412	RT41042	COMPUTER NETWORKS	28	36	3
13VV1A0412	RT41043	DIGITAL IMAGE PROCESSING	24	35	3
13VV1A0412	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	31	3
13VV1A0412	RT41048	RADAR SYSTEMS	24	49	3
13VV1A0412	RT4104A	OPTICAL COMMUNICATION	28	36	3
13VV1A0412	RT4104L	VLSI DESIGN LAB	22	43	2
13VV1A0412	RT4104M	MICROWAVE ENGINEERING LAB	21	41	2
13VV1A0413	RT41041	VLSI DESIGN	21	35	3
13VV1A0413	RT41042	COMPUTER NETWORKS	19	26	3
13VV1A0413	RT41043	DIGITAL IMAGE PROCESSING	19	42	3
13VV1A0413	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	23	25	3
13VV1A0413	RT41048	RADAR SYSTEMS	22	48	3
13VV1A0413	RT4104A	OPTICAL COMMUNICATION	20	56	3
13VV1A0413	RT4104L	VLSI DESIGN LAB	22	41	2
13VV1A0413	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
13VV1A0414	RT41041	VLSI DESIGN	21	38	3
13VV1A0414	RT41042	COMPUTER NETWORKS	25	34	3
13VV1A0414	RT41043	DIGITAL IMAGE PROCESSING	19	27	3
13VV1A0414	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	28	3
13VV1A0414	RT41048	RADAR SYSTEMS	19	47	3
13VV1A0414	RT4104A	OPTICAL COMMUNICATION	18	39	3
13VV1A0414	RT4104L	VLSI DESIGN LAB	19	40	2
13VV1A0414	RT4104M	MICROWAVE ENGINEERING LAB	20	39	2
13VV1A0415	RT41041	VLSI DESIGN	22	10	0
13VV1A0415	RT41042	COMPUTER NETWORKS	23	24	3
13VV1A0415	RT41043	DIGITAL IMAGE PROCESSING	21	44	3
13VV1A0415	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	28	3
13VV1A0415	RT41048	RADAR SYSTEMS	24	46	3
13VV1A0415	RT4104A	OPTICAL COMMUNICATION	21	49	3
13VV1A0415	RT4104L	VLSI DESIGN LAB	23	43	2
13VV1A0415	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0416	RT41041	VLSI DESIGN	23	40	3
13VV1A0416	RT41042	COMPUTER NETWORKS	19	40	3
13VV1A0416	RT41043	DIGITAL IMAGE PROCESSING	26	52	3
13VV1A0416	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	27	3
13VV1A0416	RT41048	RADAR SYSTEMS	27	50	3
13VV1A0416	RT4104A	OPTICAL COMMUNICATION	24	56	3
13VV1A0416	RT4104L	VLSI DESIGN LAB	20	43	2
13VV1A0416	RT4104M	MICROWAVE ENGINEERING LAB	19	42	2
13VV1A0417	RT41041	VLSI DESIGN	26	53	3
13VV1A0417	RT41042	COMPUTER NETWORKS	28	32	3
13VV1A0417	RT41043	DIGITAL IMAGE PROCESSING	26	42	3
13VV1A0417	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	35	3
13VV1A0417	RT41048	RADAR SYSTEMS	27	54	3
13VV1A0417	RT4104A	OPTICAL COMMUNICATION	27	56	3
13VV1A0417	RT4104L	VLSI DESIGN LAB	23	47	2
13VV1A0417	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
13VV1A0418	RT41041	VLSI DESIGN	24	57	3
13VV1A0418	RT41042	COMPUTER NETWORKS	29	40	3
13VV1A0418	RT41043	DIGITAL IMAGE PROCESSING	26	52	3
13VV1A0418	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	29	3
13VV1A0418	RT41048	RADAR SYSTEMS	25	51	3
13VV1A0418	RT4104A	OPTICAL COMMUNICATION	29	58	3
13VV1A0418	RT4104L	VLSI DESIGN LAB	23	45	2
13VV1A0418	RT4104M	MICROWAVE ENGINEERING LAB	23	45	2
13VV1A0419	RT41041	VLSI DESIGN	21	62	3
13VV1A0419	RT41042	COMPUTER NETWORKS	27	30	3
13VV1A0419	RT41043	DIGITAL IMAGE PROCESSING	23	41	3
13VV1A0419	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	24	3
13VV1A0419	RT41048	RADAR SYSTEMS	26	50	3
13VV1A0419	RT4104A	OPTICAL COMMUNICATION	25	55	3
13VV1A0419	RT4104L	VLSI DESIGN LAB	22	43	2
13VV1A0419	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
13VV1A0420	RT41041	VLSI DESIGN	24	51	3
13VV1A0420	RT41042	COMPUTER NETWORKS	27	36	3
13VV1A0420	RT41043	DIGITAL IMAGE PROCESSING	26	51	3
13VV1A0420	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	29	3
13VV1A0420	RT41048	RADAR SYSTEMS	26	55	3
13VV1A0420	RT4104A	OPTICAL COMMUNICATION	25	55	3
13VV1A0420	RT4104L	VLSI DESIGN LAB	24	43	2
13VV1A0420	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
13VV1A0421	RT41041	VLSI DESIGN	25	40	3
13VV1A0421	RT41042	COMPUTER NETWORKS	28	34	3
13VV1A0421	RT41043	DIGITAL IMAGE PROCESSING	20	51	3
13VV1A0421	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	29	3
13VV1A0421	RT41048	RADAR SYSTEMS	27	51	3
13VV1A0421	RT4104A	OPTICAL COMMUNICATION	26	56	3
13VV1A0421	RT4104L	VLSI DESIGN LAB	23	48	2
13VV1A0421	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
13VV1A0422	RT41041	VLSI DESIGN	24	52	3
13VV1A0422	RT41042	COMPUTER NETWORKS	24	32	3
13VV1A0422	RT41043	DIGITAL IMAGE PROCESSING	23	40	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0422	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	22	30	3
13VV1A0422	RT41048	RADAR SYSTEMS	25	52	3
13VV1A0422	RT4104A	OPTICAL COMMUNICATION	25	51	3
13VV1A0422	RT4104L	VLSI DESIGN LAB	22	43	2
13VV1A0422	RT4104M	MICROWAVE ENGINEERING LAB	21	43	2
13VV1A0423	RT41041	VLSI DESIGN	26	47	3
13VV1A0423	RT41042	COMPUTER NETWORKS	26	28	3
13VV1A0423	RT41043	DIGITAL IMAGE PROCESSING	24	47	3
13VV1A0423	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	28	3
13VV1A0423	RT41048	RADAR SYSTEMS	28	44	3
13VV1A0423	RT4104A	OPTICAL COMMUNICATION	26	51	3
13VV1A0423	RT4104L	VLSI DESIGN LAB	21	45	2
13VV1A0423	RT4104M	MICROWAVE ENGINEERING LAB	22	44	2
13VV1A0424	RT41041	VLSI DESIGN	24	56	3
13VV1A0424	RT41042	COMPUTER NETWORKS	26	38	3
13VV1A0424	RT41043	DIGITAL IMAGE PROCESSING	22	47	3
13VV1A0424	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	25	3
13VV1A0424	RT41048	RADAR SYSTEMS	25	58	3
13VV1A0424	RT4104A	OPTICAL COMMUNICATION	28	54	3
13VV1A0424	RT4104L	VLSI DESIGN LAB	22	47	2
13VV1A0424	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
13VV1A0425	RT41041	VLSI DESIGN	26	49	3
13VV1A0425	RT41042	COMPUTER NETWORKS	30	28	3
13VV1A0425	RT41043	DIGITAL IMAGE PROCESSING	26	50	3
13VV1A0425	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	33	3
13VV1A0425	RT41048	RADAR SYSTEMS	29	50	3
13VV1A0425	RT4104A	OPTICAL COMMUNICATION	27	54	3
13VV1A0425	RT4104L	VLSI DESIGN LAB	22	46	2
13VV1A0425	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
13VV1A0426	RT41041	VLSI DESIGN	22	52	3
13VV1A0426	RT41042	COMPUTER NETWORKS	27	42	3
13VV1A0426	RT41043	DIGITAL IMAGE PROCESSING	27	56	3
13VV1A0426	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	30	3
13VV1A0426	RT41048	RADAR SYSTEMS	28	58	3
13VV1A0426	RT4104A	OPTICAL COMMUNICATION	27	66	3
13VV1A0426	RT4104L	VLSI DESIGN LAB	20	44	2
13VV1A0426	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
13VV1A0427	RT41041	VLSI DESIGN	25	51	3
13VV1A0427	RT41042	COMPUTER NETWORKS	29	32	3
13VV1A0427	RT41043	DIGITAL IMAGE PROCESSING	22	55	3
13VV1A0427	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	37	3
13VV1A0427	RT41048	RADAR SYSTEMS	28	52	3
13VV1A0427	RT4104A	OPTICAL COMMUNICATION	26	59	3
13VV1A0427	RT4104L	VLSI DESIGN LAB	23	44	2
13VV1A0427	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
13VV1A0428	RT41041	VLSI DESIGN	24	47	3
13VV1A0428	RT41042	COMPUTER NETWORKS	25	24	3
13VV1A0428	RT41043	DIGITAL IMAGE PROCESSING	22	48	3
13VV1A0428	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	31	3
13VV1A0428	RT41048	RADAR SYSTEMS	26	54	3
13VV1A0428	RT4104A	OPTICAL COMMUNICATION	23	54	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0428	RT4104L	VLSI DESIGN LAB	21	47	2
13VV1A0428	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
13VV1A0429	RT41041	VLSI DESIGN	20	36	3
13VV1A0429	RT41042	COMPUTER NETWORKS	17	30	3
13VV1A0429	RT41043	DIGITAL IMAGE PROCESSING	19	50	3
13VV1A0429	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	27	3
13VV1A0429	RT41048	RADAR SYSTEMS	23	45	3
13VV1A0429	RT4104A	OPTICAL COMMUNICATION	25	51	3
13VV1A0429	RT4104L	VLSI DESIGN LAB	22	46	2
13VV1A0429	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
13VV1A0430	RT41041	VLSI DESIGN	25	46	3
13VV1A0430	RT41042	COMPUTER NETWORKS	27	32	3
13VV1A0430	RT41043	DIGITAL IMAGE PROCESSING	25	40	3
13VV1A0430	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	23	28	3
13VV1A0430	RT41048	RADAR SYSTEMS	26	51	3
13VV1A0430	RT4104A	OPTICAL COMMUNICATION	24	53	3
13VV1A0430	RT4104L	VLSI DESIGN LAB	22	42	2
13VV1A0430	RT4104M	MICROWAVE ENGINEERING LAB	22	43	2
13VV1A0431	RT41041	VLSI DESIGN	22	44	3
13VV1A0431	RT41042	COMPUTER NETWORKS	22	26	3
13VV1A0431	RT41043	DIGITAL IMAGE PROCESSING	20	48	3
13VV1A0431	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	26	3
13VV1A0431	RT41048	RADAR SYSTEMS	24	44	3
13VV1A0431	RT4104A	OPTICAL COMMUNICATION	23	49	3
13VV1A0431	RT4104L	VLSI DESIGN LAB	21	44	2
13VV1A0431	RT4104M	MICROWAVE ENGINEERING LAB	20	42	2
13VV1A0432	RT41041	VLSI DESIGN	22	54	3
13VV1A0432	RT41042	COMPUTER NETWORKS	29	26	3
13VV1A0432	RT41043	DIGITAL IMAGE PROCESSING	24	48	3
13VV1A0432	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	34	3
13VV1A0432	RT41048	RADAR SYSTEMS	26	51	3
13VV1A0432	RT4104A	OPTICAL COMMUNICATION	26	54	3
13VV1A0432	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0432	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
13VV1A0433	RT41041	VLSI DESIGN	23	40	3
13VV1A0433	RT41042	COMPUTER NETWORKS	16	28	3
13VV1A0433	RT41043	DIGITAL IMAGE PROCESSING	17	56	3
13VV1A0433	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	32	3
13VV1A0433	RT41048	RADAR SYSTEMS	24	47	3
13VV1A0433	RT4104A	OPTICAL COMMUNICATION	20	50	3
13VV1A0433	RT4104L	VLSI DESIGN LAB	20	48	2
13VV1A0433	RT4104M	MICROWAVE ENGINEERING LAB	19	41	2
13VV1A0434	RT41041	VLSI DESIGN	26	45	3
13VV1A0434	RT41042	COMPUTER NETWORKS	23	26	3
13VV1A0434	RT41043	DIGITAL IMAGE PROCESSING	20	41	3
13VV1A0434	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	32	3
13VV1A0434	RT41048	RADAR SYSTEMS	25	32	3
13VV1A0434	RT4104A	OPTICAL COMMUNICATION	24	48	3
13VV1A0434	RT4104L	VLSI DESIGN LAB	21	42	2
13VV1A0434	RT4104M	MICROWAVE ENGINEERING LAB	23	41	2
13VV1A0435	RT41041	VLSI DESIGN	23	63	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0435	RT41042	COMPUTER NETWORKS	25	33	3
13VV1A0435	RT41043	DIGITAL IMAGE PROCESSING	26	56	3
13VV1A0435	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	32	3
13VV1A0435	RT41048	RADAR SYSTEMS	29	52	3
13VV1A0435	RT4104A	OPTICAL COMMUNICATION	26	54	3
13VV1A0435	RT4104L	VLSI DESIGN LAB	22	47	2
13VV1A0435	RT4104M	MICROWAVE ENGINEERING LAB	24	43	2
13VV1A0436	RT41041	VLSI DESIGN	18	50	3
13VV1A0436	RT41042	COMPUTER NETWORKS	25	44	3
13VV1A0436	RT41043	DIGITAL IMAGE PROCESSING	20	49	3
13VV1A0436	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	35	3
13VV1A0436	RT41048	RADAR SYSTEMS	28	58	3
13VV1A0436	RT4104A	OPTICAL COMMUNICATION	24	53	3
13VV1A0436	RT4104L	VLSI DESIGN LAB	22	42	2
13VV1A0436	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
13VV1A0437	RT41041	VLSI DESIGN	24	57	3
13VV1A0437	RT41042	COMPUTER NETWORKS	28	42	3
13VV1A0437	RT41043	DIGITAL IMAGE PROCESSING	26	53	3
13VV1A0437	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	34	3
13VV1A0437	RT41048	RADAR SYSTEMS	26	50	3
13VV1A0437	RT4104A	OPTICAL COMMUNICATION	26	56	3
13VV1A0437	RT4104L	VLSI DESIGN LAB	20	43	2
13VV1A0437	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
13VV1A0438	RT41041	VLSI DESIGN	22	36	3
13VV1A0438	RT41042	COMPUTER NETWORKS	20	2	0
13VV1A0438	RT41043	DIGITAL IMAGE PROCESSING	19	47	3
13VV1A0438	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	25	3
13VV1A0438	RT41048	RADAR SYSTEMS	22	51	3
13VV1A0438	RT4104A	OPTICAL COMMUNICATION	20	41	3
13VV1A0438	RT4104L	VLSI DESIGN LAB	20	41	2
13VV1A0438	RT4104M	MICROWAVE ENGINEERING LAB	19	39	2
13VV1A0439	RT41041	VLSI DESIGN	24	51	3
13VV1A0439	RT41042	COMPUTER NETWORKS	29	34	3
13VV1A0439	RT41043	DIGITAL IMAGE PROCESSING	25	49	3
13VV1A0439	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	31	3
13VV1A0439	RT41048	RADAR SYSTEMS	26	51	3
13VV1A0439	RT4104A	OPTICAL COMMUNICATION	26	58	3
13VV1A0439	RT4104L	VLSI DESIGN LAB	20	43	2
13VV1A0439	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
13VV1A0440	RT41041	VLSI DESIGN	23	54	3
13VV1A0440	RT41042	COMPUTER NETWORKS	26	42	3
13VV1A0440	RT41043	DIGITAL IMAGE PROCESSING	28	46	3
13VV1A0440	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	33	3
13VV1A0440	RT41048	RADAR SYSTEMS	26	50	3
13VV1A0440	RT4104A	OPTICAL COMMUNICATION	25	56	3
13VV1A0440	RT4104L	VLSI DESIGN LAB	22	41	2
13VV1A0440	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
13VV1A0441	RT41041	VLSI DESIGN	21	40	3
13VV1A0441	RT41042	COMPUTER NETWORKS	29	32	3
13VV1A0441	RT41043	DIGITAL IMAGE PROCESSING	22	55	3
13VV1A0441	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	25	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0441	RT41048	RADAR SYSTEMS	28	56	3
13VV1A0441	RT4104A	OPTICAL COMMUNICATION	24	60	3
13VV1A0441	RT4104L	VLSI DESIGN LAB	20	41	2
13VV1A0441	RT4104M	MICROWAVE ENGINEERING LAB	20	37	2
13VV1A0442	RT41041	VLSI DESIGN	23	58	3
13VV1A0442	RT41042	COMPUTER NETWORKS	25	36	3
13VV1A0442	RT41043	DIGITAL IMAGE PROCESSING	24	54	3
13VV1A0442	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	24	3
13VV1A0442	RT41048	RADAR SYSTEMS	26	51	3
13VV1A0442	RT4104A	OPTICAL COMMUNICATION	26	58	3
13VV1A0442	RT4104L	VLSI DESIGN LAB	21	44	2
13VV1A0442	RT4104M	MICROWAVE ENGINEERING LAB	20	41	2
13VV1A0443	RT41041	VLSI DESIGN	23	39	3
13VV1A0443	RT41042	COMPUTER NETWORKS	23	24	3
13VV1A0443	RT41043	DIGITAL IMAGE PROCESSING	20	40	3
13VV1A0443	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	28	28	3
13VV1A0443	RT41048	RADAR SYSTEMS	20	51	3
13VV1A0443	RT4104A	OPTICAL COMMUNICATION	22	36	3
13VV1A0443	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0443	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
13VV1A0444	RT41041	VLSI DESIGN	20	55	3
13VV1A0444	RT41042	COMPUTER NETWORKS	24	27	3
13VV1A0444	RT41043	DIGITAL IMAGE PROCESSING	22	48	3
13VV1A0444	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	26	3
13VV1A0444	RT41048	RADAR SYSTEMS	27	51	3
13VV1A0444	RT4104A	OPTICAL COMMUNICATION	23	53	3
13VV1A0444	RT4104L	VLSI DESIGN LAB	24	42	2
13VV1A0444	RT4104M	MICROWAVE ENGINEERING LAB	21	39	2
13VV1A0445	RT41041	VLSI DESIGN	20	37	3
13VV1A0445	RT41042	COMPUTER NETWORKS	28	30	3
13VV1A0445	RT41043	DIGITAL IMAGE PROCESSING	20	37	3
13VV1A0445	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	27	3
13VV1A0445	RT41048	RADAR SYSTEMS	23	51	3
13VV1A0445	RT4104A	OPTICAL COMMUNICATION	22	45	3
13VV1A0445	RT4104L	VLSI DESIGN LAB	24	43	2
13VV1A0445	RT4104M	MICROWAVE ENGINEERING LAB	20	39	2
13VV1A0446	RT41041	VLSI DESIGN	17	53	3
13VV1A0446	RT41042	COMPUTER NETWORKS	19	26	3
13VV1A0446	RT41043	DIGITAL IMAGE PROCESSING	19	41	3
13VV1A0446	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	28	3
13VV1A0446	RT41048	RADAR SYSTEMS	26	33	3
13VV1A0446	RT4104A	OPTICAL COMMUNICATION	24	45	3
13VV1A0446	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0446	RT4104M	MICROWAVE ENGINEERING LAB	21	36	2
13VV1A0447	RT41041	VLSI DESIGN	23	42	3
13VV1A0447	RT41042	COMPUTER NETWORKS	22	38	3
13VV1A0447	RT41043	DIGITAL IMAGE PROCESSING	22	47	3
13VV1A0447	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	34	3
13VV1A0447	RT41048	RADAR SYSTEMS	25	50	3
13VV1A0447	RT4104A	OPTICAL COMMUNICATION	23	46	3
13VV1A0447	RT4104L	VLSI DESIGN LAB	24	44	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0447	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
13VV1A0448	RT41041	VLSI DESIGN	22	53	3
13VV1A0448	RT41042	COMPUTER NETWORKS	23	24	3
13VV1A0448	RT41043	DIGITAL IMAGE PROCESSING	20	45	3
13VV1A0448	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	34	3
13VV1A0448	RT41048	RADAR SYSTEMS	27	40	3
13VV1A0448	RT4104A	OPTICAL COMMUNICATION	24	49	3
13VV1A0448	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0448	RT4104M	MICROWAVE ENGINEERING LAB	22	40	2
13VV1A0449	RT41041	VLSI DESIGN	19	31	3
13VV1A0449	RT41042	COMPUTER NETWORKS	25	30	3
13VV1A0449	RT41043	DIGITAL IMAGE PROCESSING	20	44	3
13VV1A0449	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	26	3
13VV1A0449	RT41048	RADAR SYSTEMS	27	53	3
13VV1A0449	RT4104A	OPTICAL COMMUNICATION	25	56	3
13VV1A0449	RT4104L	VLSI DESIGN LAB	20	40	2
13VV1A0449	RT4104M	MICROWAVE ENGINEERING LAB	21	40	2
13VV1A0450	RT41041	VLSI DESIGN	24	43	3
13VV1A0450	RT41042	COMPUTER NETWORKS	23	24	3
13VV1A0450	RT41043	DIGITAL IMAGE PROCESSING	23	44	3
13VV1A0450	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	26	3
13VV1A0450	RT41048	RADAR SYSTEMS	26	49	3
13VV1A0450	RT4104A	OPTICAL COMMUNICATION	24	48	3
13VV1A0450	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0450	RT4104M	MICROWAVE ENGINEERING LAB	21	44	2
13VV1A0451	RT41041	VLSI DESIGN	24	58	3
13VV1A0451	RT41042	COMPUTER NETWORKS	25	34	3
13VV1A0451	RT41043	DIGITAL IMAGE PROCESSING	23	42	3
13VV1A0451	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	31	3
13VV1A0451	RT41048	RADAR SYSTEMS	27	53	3
13VV1A0451	RT4104A	OPTICAL COMMUNICATION	25	55	3
13VV1A0451	RT4104L	VLSI DESIGN LAB	22	43	2
13VV1A0451	RT4104M	MICROWAVE ENGINEERING LAB	20	43	2
13VV1A0452	RT41041	VLSI DESIGN	24	50	3
13VV1A0452	RT41042	COMPUTER NETWORKS	27	34	3
13VV1A0452	RT41043	DIGITAL IMAGE PROCESSING	25	48	3
13VV1A0452	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	26	3
13VV1A0452	RT41048	RADAR SYSTEMS	25	52	3
13VV1A0452	RT4104A	OPTICAL COMMUNICATION	26	53	3
13VV1A0452	RT4104L	VLSI DESIGN LAB	22	44	2
13VV1A0452	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
13VV1A0453	RT41041	VLSI DESIGN	22	33	3
13VV1A0453	RT41042	COMPUTER NETWORKS	23	40	3
13VV1A0453	RT41043	DIGITAL IMAGE PROCESSING	21	38	3
13VV1A0453	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	29	3
13VV1A0453	RT41048	RADAR SYSTEMS	25	44	3
13VV1A0453	RT4104A	OPTICAL COMMUNICATION	23	55	3
13VV1A0453	RT4104L	VLSI DESIGN LAB	22	44	2
13VV1A0453	RT4104M	MICROWAVE ENGINEERING LAB	21	39	2
13VV1A0454	RT41041	VLSI DESIGN	24	48	3
13VV1A0454	RT41042	COMPUTER NETWORKS	26	36	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0454	RT41043	DIGITAL IMAGE PROCESSING	23	48	3
13VV1A0454	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	31	3
13VV1A0454	RT41048	RADAR SYSTEMS	29	47	3
13VV1A0454	RT4104A	OPTICAL COMMUNICATION	26	49	3
13VV1A0454	RT4104L	VLSI DESIGN LAB	22	46	2
13VV1A0454	RT4104M	MICROWAVE ENGINEERING LAB	23	42	2
13VV1A0455	RT41041	VLSI DESIGN	21	49	3
13VV1A0455	RT41042	COMPUTER NETWORKS	24	30	3
13VV1A0455	RT41043	DIGITAL IMAGE PROCESSING	23	40	3
13VV1A0455	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	24	3
13VV1A0455	RT41048	RADAR SYSTEMS	26	50	3
13VV1A0455	RT4104A	OPTICAL COMMUNICATION	25	47	3
13VV1A0455	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0455	RT4104M	MICROWAVE ENGINEERING LAB	22	41	2
13VV1A0456	RT41041	VLSI DESIGN	24	49	3
13VV1A0456	RT41042	COMPUTER NETWORKS	26	32	3
13VV1A0456	RT41043	DIGITAL IMAGE PROCESSING	23	44	3
13VV1A0456	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	27	3
13VV1A0456	RT41048	RADAR SYSTEMS	26	51	3
13VV1A0456	RT4104A	OPTICAL COMMUNICATION	24	49	3
13VV1A0456	RT4104L	VLSI DESIGN LAB	22	44	2
13VV1A0456	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
13VV1A0457	RT41041	VLSI DESIGN	23	41	3
13VV1A0457	RT41042	COMPUTER NETWORKS	28	38	3
13VV1A0457	RT41043	DIGITAL IMAGE PROCESSING	22	50	3
13VV1A0457	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	32	3
13VV1A0457	RT41048	RADAR SYSTEMS	29	50	3
13VV1A0457	RT4104A	OPTICAL COMMUNICATION	24	49	3
13VV1A0457	RT4104L	VLSI DESIGN LAB	21	43	2
13VV1A0457	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
13VV1A0458	RT41041	VLSI DESIGN	18	16	0
13VV1A0458	RT41042	COMPUTER NETWORKS	21	32	3
13VV1A0458	RT41043	DIGITAL IMAGE PROCESSING	19	35	3
13VV1A0458	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	21	24	3
13VV1A0458	RT41048	RADAR SYSTEMS	17	42	3
13VV1A0458	RT4104A	OPTICAL COMMUNICATION	19	46	3
13VV1A0458	RT4104L	VLSI DESIGN LAB	20	40	2
13VV1A0458	RT4104M	MICROWAVE ENGINEERING LAB	19	34	2
13VV1A0459	RT41041	VLSI DESIGN	25	57	3
13VV1A0459	RT41042	COMPUTER NETWORKS	27	36	3
13VV1A0459	RT41043	DIGITAL IMAGE PROCESSING	24	47	3
13VV1A0459	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	27	3
13VV1A0459	RT41048	RADAR SYSTEMS	23	55	3
13VV1A0459	RT4104A	OPTICAL COMMUNICATION	24	54	3
13VV1A0459	RT4104L	VLSI DESIGN LAB	19	42	2
13VV1A0459	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
13VV1A0460	RT41041	VLSI DESIGN	24	47	3
13VV1A0460	RT41042	COMPUTER NETWORKS	25	34	3
13VV1A0460	RT41043	DIGITAL IMAGE PROCESSING	26	51	3
13VV1A0460	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	27	34	3
13VV1A0460	RT41048	RADAR SYSTEMS	27	50	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0460	RT4104A	OPTICAL COMMUNICATION	25	52	3
13VV1A0460	RT4104L	VLSI DESIGN LAB	23	43	2
13VV1A0460	RT4104M	MICROWAVE ENGINEERING LAB	23	44	2
13VV1A0501	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	52	3
13VV1A0501	RT41052	UML & DESIGN PATTERNS	25	44	3
13VV1A0501	RT41053	MOBILE COMPUTING	24	35	3
13VV1A0501	RT41057	ARTIFICIAL INTELLIGENCE	24	43	2
13VV1A0501	RT4105B	HADOOP AND BIG DATA	12	50	3
13VV1A0501	RT4105L	UML & DESIGN PATTERNS LAB	21	35	2
13VV1A0501	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
13VV1A0501	RT4105N	SOFTWARE TESTING LAB	18	38	2
13VV1A0501	RT4105O	HADOOP & BIG DATA LAB	12	25	2
13VV1A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	43	3
13VV1A0504	RT41052	UML & DESIGN PATTERNS	27	58	3
13VV1A0504	RT41053	MOBILE COMPUTING	26	47	3
13VV1A0504	RT41057	ARTIFICIAL INTELLIGENCE	27	48	2
13VV1A0504	RT4105B	HADOOP AND BIG DATA	17	47	3
13VV1A0504	RT4105L	UML & DESIGN PATTERNS LAB	23	38	2
13VV1A0504	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
13VV1A0504	RT4105N	SOFTWARE TESTING LAB	24	43	2
13VV1A0504	RT4105O	HADOOP & BIG DATA LAB	16	21	2
13VV1A0505	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	38	3
13VV1A0505	RT41052	UML & DESIGN PATTERNS	25	41	3
13VV1A0505	RT41053	MOBILE COMPUTING	26	34	3
13VV1A0505	RT41057	ARTIFICIAL INTELLIGENCE	25	34	2
13VV1A0505	RT4105B	HADOOP AND BIG DATA	19	35	3
13VV1A0505	RT4105L	UML & DESIGN PATTERNS LAB	24	38	2
13VV1A0505	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
13VV1A0505	RT4105N	SOFTWARE TESTING LAB	24	43	2
13VV1A0505	RT4105O	HADOOP & BIG DATA LAB	16	37	2
13VV1A0507	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	43	3
13VV1A0507	RT41052	UML & DESIGN PATTERNS	30	54	3
13VV1A0507	RT41053	MOBILE COMPUTING	25	41	3
13VV1A0507	RT41057	ARTIFICIAL INTELLIGENCE	27	50	2
13VV1A0507	RT4105B	HADOOP AND BIG DATA	23	58	3
13VV1A0507	RT4105L	UML & DESIGN PATTERNS LAB	24	48	2
13VV1A0507	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
13VV1A0507	RT4105N	SOFTWARE TESTING LAB	25	49	2
13VV1A0507	RT4105O	HADOOP & BIG DATA LAB	24	47	2
13VV1A0508	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	47	3
13VV1A0508	RT41052	UML & DESIGN PATTERNS	28	56	3
13VV1A0508	RT41053	MOBILE COMPUTING	26	41	3
13VV1A0508	RT41057	ARTIFICIAL INTELLIGENCE	24	44	2
13VV1A0508	RT4105B	HADOOP AND BIG DATA	22	52	3
13VV1A0508	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0508	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
13VV1A0508	RT4105N	SOFTWARE TESTING LAB	24	42	2
13VV1A0508	RT4105O	HADOOP & BIG DATA LAB	18	30	2
13VV1A0509	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	45	3
13VV1A0509	RT41052	UML & DESIGN PATTERNS	28	47	3
13VV1A0509	RT41053	MOBILE COMPUTING	28	39	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0509	RT41057	ARTIFICIAL INTELLIGENCE	24	45	2
13VV1A0509	RT4105B	HADOOP AND BIG DATA	23	40	3
13VV1A0509	RT4105L	UML & DESIGN PATTERNS LAB	23	40	2
13VV1A0509	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
13VV1A0509	RT4105N	SOFTWARE TESTING LAB	22	42	2
13VV1A0509	RT4105O	HADOOP & BIG DATA LAB	19	44	2
13VV1A0510	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	40	3
13VV1A0510	RT41052	UML & DESIGN PATTERNS	28	50	3
13VV1A0510	RT41053	MOBILE COMPUTING	25	34	3
13VV1A0510	RT41057	ARTIFICIAL INTELLIGENCE	28	50	2
13VV1A0510	RT4105B	HADOOP AND BIG DATA	22	51	3
13VV1A0510	RT4105L	UML & DESIGN PATTERNS LAB	23	48	2
13VV1A0510	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
13VV1A0510	RT4105N	SOFTWARE TESTING LAB	25	48	2
13VV1A0510	RT4105O	HADOOP & BIG DATA LAB	19	32	2
13VV1A0511	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	44	3
13VV1A0511	RT41052	UML & DESIGN PATTERNS	27	54	3
13VV1A0511	RT41053	MOBILE COMPUTING	26	51	3
13VV1A0511	RT41057	ARTIFICIAL INTELLIGENCE	25	46	2
13VV1A0511	RT4105B	HADOOP AND BIG DATA	20	53	3
13VV1A0511	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0511	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
13VV1A0511	RT4105N	SOFTWARE TESTING LAB	25	44	2
13VV1A0511	RT4105O	HADOOP & BIG DATA LAB	16	25	2
13VV1A0512	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	41	3
13VV1A0512	RT41052	UML & DESIGN PATTERNS	29	-1	0
13VV1A0512	RT41053	MOBILE COMPUTING	27	-1	0
13VV1A0512	RT41057	ARTIFICIAL INTELLIGENCE	28	48	2
13VV1A0512	RT4105B	HADOOP AND BIG DATA	20	50	3
13VV1A0512	RT4105L	UML & DESIGN PATTERNS LAB	23	40	2
13VV1A0512	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A0512	RT4105N	SOFTWARE TESTING LAB	24	40	2
13VV1A0512	RT4105O	HADOOP & BIG DATA LAB	19	30	2
13VV1A0513	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	39	3
13VV1A0513	RT41052	UML & DESIGN PATTERNS	29	48	3
13VV1A0513	RT41053	MOBILE COMPUTING	25	45	3
13VV1A0513	RT41057	ARTIFICIAL INTELLIGENCE	22	43	2
13VV1A0513	RT4105B	HADOOP AND BIG DATA	18	57	3
13VV1A0513	RT4105L	UML & DESIGN PATTERNS LAB	24	45	2
13VV1A0513	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A0513	RT4105N	SOFTWARE TESTING LAB	25	40	2
13VV1A0513	RT4105O	HADOOP & BIG DATA LAB	18	41	2
13VV1A0514	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	33	3
13VV1A0514	RT41052	UML & DESIGN PATTERNS	26	54	3
13VV1A0514	RT41053	MOBILE COMPUTING	25	40	3
13VV1A0514	RT41057	ARTIFICIAL INTELLIGENCE	27	46	2
13VV1A0514	RT4105B	HADOOP AND BIG DATA	15	54	3
13VV1A0514	RT4105L	UML & DESIGN PATTERNS LAB	23	40	2
13VV1A0514	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A0514	RT4105N	SOFTWARE TESTING LAB	24	40	2
13VV1A0514	RT4105O	HADOOP & BIG DATA LAB	14	25	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0515	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	58	3
13VV1A0515	RT41052	UML & DESIGN PATTERNS	29	61	3
13VV1A0515	RT41053	MOBILE COMPUTING	26	43	3
13VV1A0515	RT41057	ARTIFICIAL INTELLIGENCE	26	51	2
13VV1A0515	RT4105B	HADOOP AND BIG DATA	22	62	3
13VV1A0515	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0515	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A0515	RT4105N	SOFTWARE TESTING LAB	23	44	2
13VV1A0515	RT4105O	HADOOP & BIG DATA LAB	17	35	2
13VV1A0516	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	56	3
13VV1A0516	RT41052	UML & DESIGN PATTERNS	29	52	3
13VV1A0516	RT41053	MOBILE COMPUTING	27	37	3
13VV1A0516	RT41057	ARTIFICIAL INTELLIGENCE	27	52	2
13VV1A0516	RT4105B	HADOOP AND BIG DATA	23	59	3
13VV1A0516	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
13VV1A0516	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
13VV1A0516	RT4105N	SOFTWARE TESTING LAB	23	45	2
13VV1A0516	RT4105O	HADOOP & BIG DATA LAB	21	43	2
13VV1A0517	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	44	3
13VV1A0517	RT41052	UML & DESIGN PATTERNS	27	51	3
13VV1A0517	RT41053	MOBILE COMPUTING	23	40	3
13VV1A0517	RT41057	ARTIFICIAL INTELLIGENCE	28	34	2
13VV1A0517	RT4105B	HADOOP AND BIG DATA	22	41	3
13VV1A0517	RT4105L	UML & DESIGN PATTERNS LAB	23	40	2
13VV1A0517	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
13VV1A0517	RT4105N	SOFTWARE TESTING LAB	22	45	2
13VV1A0517	RT4105O	HADOOP & BIG DATA LAB	19	42	2
13VV1A0518	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	36	3
13VV1A0518	RT41052	UML & DESIGN PATTERNS	27	54	3
13VV1A0518	RT41053	MOBILE COMPUTING	25	40	3
13VV1A0518	RT41057	ARTIFICIAL INTELLIGENCE	24	44	2
13VV1A0518	RT4105B	HADOOP AND BIG DATA	20	43	3
13VV1A0518	RT4105L	UML & DESIGN PATTERNS LAB	22	40	2
13VV1A0518	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A0518	RT4105N	SOFTWARE TESTING LAB	20	44	2
13VV1A0518	RT4105O	HADOOP & BIG DATA LAB	10	23	2
13VV1A0519	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	47	3
13VV1A0519	RT41052	UML & DESIGN PATTERNS	28	52	3
13VV1A0519	RT41053	MOBILE COMPUTING	26	41	3
13VV1A0519	RT41057	ARTIFICIAL INTELLIGENCE	26	50	2
13VV1A0519	RT4105B	HADOOP AND BIG DATA	16	55	3
13VV1A0519	RT4105L	UML & DESIGN PATTERNS LAB	22	38	2
13VV1A0519	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
13VV1A0519	RT4105N	SOFTWARE TESTING LAB	23	42	2
13VV1A0519	RT4105O	HADOOP & BIG DATA LAB	19	32	2
13VV1A0520	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	46	3
13VV1A0520	RT41052	UML & DESIGN PATTERNS	21	58	3
13VV1A0520	RT41053	MOBILE COMPUTING	25	42	3
13VV1A0520	RT41057	ARTIFICIAL INTELLIGENCE	25	42	2
13VV1A0520	RT4105B	HADOOP AND BIG DATA	21	47	3
13VV1A0520	RT4105L	UML & DESIGN PATTERNS LAB	23	40	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0520	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A0520	RT4105N	SOFTWARE TESTING LAB	23	46	2
13VV1A0520	RT4105O	HADOOP & BIG DATA LAB	17	29	2
13VV1A0521	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	41	3
13VV1A0521	RT41052	UML & DESIGN PATTERNS	29	53	3
13VV1A0521	RT41053	MOBILE COMPUTING	25	38	3
13VV1A0521	RT41057	ARTIFICIAL INTELLIGENCE	27	47	2
13VV1A0521	RT4105B	HADOOP AND BIG DATA	17	54	3
13VV1A0521	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0521	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
13VV1A0521	RT4105N	SOFTWARE TESTING LAB	25	42	2
13VV1A0521	RT4105O	HADOOP & BIG DATA LAB	18	28	2
13VV1A0522	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	54	3
13VV1A0522	RT41052	UML & DESIGN PATTERNS	30	56	3
13VV1A0522	RT41053	MOBILE COMPUTING	25	45	3
13VV1A0522	RT41057	ARTIFICIAL INTELLIGENCE	28	51	2
13VV1A0522	RT4105B	HADOOP AND BIG DATA	26	57	3
13VV1A0522	RT4105L	UML & DESIGN PATTERNS LAB	25	49	2
13VV1A0522	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
13VV1A0522	RT4105N	SOFTWARE TESTING LAB	25	49	2
13VV1A0522	RT4105O	HADOOP & BIG DATA LAB	23	48	2
13VV1A0523	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	47	3
13VV1A0523	RT41052	UML & DESIGN PATTERNS	30	51	3
13VV1A0523	RT41053	MOBILE COMPUTING	26	42	3
13VV1A0523	RT41057	ARTIFICIAL INTELLIGENCE	27	48	2
13VV1A0523	RT4105B	HADOOP AND BIG DATA	25	52	3
13VV1A0523	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
13VV1A0523	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
13VV1A0523	RT4105N	SOFTWARE TESTING LAB	23	45	2
13VV1A0523	RT4105O	HADOOP & BIG DATA LAB	21	35	2
13VV1A0524	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	47	3
13VV1A0524	RT41052	UML & DESIGN PATTERNS	26	50	3
13VV1A0524	RT41053	MOBILE COMPUTING	27	41	3
13VV1A0524	RT41057	ARTIFICIAL INTELLIGENCE	26	42	2
13VV1A0524	RT4105B	HADOOP AND BIG DATA	25	52	3
13VV1A0524	RT4105L	UML & DESIGN PATTERNS LAB	25	49	2
13VV1A0524	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
13VV1A0524	RT4105N	SOFTWARE TESTING LAB	25	45	2
13VV1A0524	RT4105O	HADOOP & BIG DATA LAB	22	39	2
13VV1A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	50	3
13VV1A0525	RT41052	UML & DESIGN PATTERNS	29	54	3
13VV1A0525	RT41053	MOBILE COMPUTING	26	37	3
13VV1A0525	RT41057	ARTIFICIAL INTELLIGENCE	28	46	2
13VV1A0525	RT4105B	HADOOP AND BIG DATA	21	56	3
13VV1A0525	RT4105L	UML & DESIGN PATTERNS LAB	24	39	2
13VV1A0525	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A0525	RT4105N	SOFTWARE TESTING LAB	22	43	2
13VV1A0525	RT4105O	HADOOP & BIG DATA LAB	18	27	2
13VV1A0526	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	45	3
13VV1A0526	RT41052	UML & DESIGN PATTERNS	29	48	3
13VV1A0526	RT41053	MOBILE COMPUTING	25	44	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0526	RT41057	ARTIFICIAL INTELLIGENCE	27	47	2
13VV1A0526	RT4105B	HADOOP AND BIG DATA	24	52	3
13VV1A0526	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0526	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A0526	RT4105N	SOFTWARE TESTING LAB	23	44	2
13VV1A0526	RT4105O	HADOOP & BIG DATA LAB	22	42	2
13VV1A0527	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	59	3
13VV1A0527	RT41052	UML & DESIGN PATTERNS	28	62	3
13VV1A0527	RT41053	MOBILE COMPUTING	27	42	3
13VV1A0527	RT41057	ARTIFICIAL INTELLIGENCE	24	49	2
13VV1A0527	RT4105B	HADOOP AND BIG DATA	28	61	3
13VV1A0527	RT4105L	UML & DESIGN PATTERNS LAB	25	49	2
13VV1A0527	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
13VV1A0527	RT4105N	SOFTWARE TESTING LAB	25	49	2
13VV1A0527	RT4105O	HADOOP & BIG DATA LAB	21	40	2
13VV1A0528	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	44	3
13VV1A0528	RT41052	UML & DESIGN PATTERNS	27	50	3
13VV1A0528	RT41053	MOBILE COMPUTING	24	41	3
13VV1A0528	RT41057	ARTIFICIAL INTELLIGENCE	28	49	2
13VV1A0528	RT4105B	HADOOP AND BIG DATA	17	55	3
13VV1A0528	RT4105L	UML & DESIGN PATTERNS LAB	22	42	2
13VV1A0528	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
13VV1A0528	RT4105N	SOFTWARE TESTING LAB	23	44	2
13VV1A0528	RT4105O	HADOOP & BIG DATA LAB	19	34	2
13VV1A0529	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	48	3
13VV1A0529	RT41052	UML & DESIGN PATTERNS	28	41	3
13VV1A0529	RT41053	MOBILE COMPUTING	24	40	3
13VV1A0529	RT41057	ARTIFICIAL INTELLIGENCE	25	37	2
13VV1A0529	RT4105B	HADOOP AND BIG DATA	21	42	3
13VV1A0529	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0529	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A0529	RT4105N	SOFTWARE TESTING LAB	23	40	2
13VV1A0529	RT4105O	HADOOP & BIG DATA LAB	18	38	2
13VV1A0530	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	44	3
13VV1A0530	RT41052	UML & DESIGN PATTERNS	29	45	3
13VV1A0530	RT41053	MOBILE COMPUTING	25	41	3
13VV1A0530	RT41057	ARTIFICIAL INTELLIGENCE	22	32	2
13VV1A0530	RT4105B	HADOOP AND BIG DATA	13	40	3
13VV1A0530	RT4105L	UML & DESIGN PATTERNS LAB	24	39	2
13VV1A0530	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	35	2
13VV1A0530	RT4105N	SOFTWARE TESTING LAB	20	41	2
13VV1A0530	RT4105O	HADOOP & BIG DATA LAB	15	24	2
13VV1A0531	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	49	3
13VV1A0531	RT41052	UML & DESIGN PATTERNS	26	47	3
13VV1A0531	RT41053	MOBILE COMPUTING	25	42	3
13VV1A0531	RT41057	ARTIFICIAL INTELLIGENCE	22	38	2
13VV1A0531	RT4105B	HADOOP AND BIG DATA	25	56	3
13VV1A0531	RT4105L	UML & DESIGN PATTERNS LAB	22	38	2
13VV1A0531	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
13VV1A0531	RT4105N	SOFTWARE TESTING LAB	25	41	2
13VV1A0531	RT4105O	HADOOP & BIG DATA LAB	20	40	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0532	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	48	3
13VV1A0532	RT41052	UML & DESIGN PATTERNS	28	58	3
13VV1A0532	RT41053	MOBILE COMPUTING	25	40	3
13VV1A0532	RT41057	ARTIFICIAL INTELLIGENCE	25	51	2
13VV1A0532	RT4105B	HADOOP AND BIG DATA	20	59	3
13VV1A0532	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0532	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A0532	RT4105N	SOFTWARE TESTING LAB	22	41	2
13VV1A0532	RT4105O	HADOOP & BIG DATA LAB	18	41	2
13VV1A0533	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	25	3
13VV1A0533	RT41052	UML & DESIGN PATTERNS	27	25	3
13VV1A0533	RT41053	MOBILE COMPUTING	26	24	3
13VV1A0533	RT41057	ARTIFICIAL INTELLIGENCE	24	32	2
13VV1A0533	RT4105B	HADOOP AND BIG DATA	18	34	3
13VV1A0533	RT4105L	UML & DESIGN PATTERNS LAB	23	38	2
13VV1A0533	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
13VV1A0533	RT4105N	SOFTWARE TESTING LAB	20	42	2
13VV1A0533	RT4105O	HADOOP & BIG DATA LAB	18	23	2
13VV1A0534	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	42	3
13VV1A0534	RT41052	UML & DESIGN PATTERNS	25	54	3
13VV1A0534	RT41053	MOBILE COMPUTING	26	43	3
13VV1A0534	RT41057	ARTIFICIAL INTELLIGENCE	24	50	2
13VV1A0534	RT4105B	HADOOP AND BIG DATA	18	58	3
13VV1A0534	RT4105L	UML & DESIGN PATTERNS LAB	22	38	2
13VV1A0534	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A0534	RT4105N	SOFTWARE TESTING LAB	22	42	2
13VV1A0534	RT4105O	HADOOP & BIG DATA LAB	20	29	2
13VV1A0535	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	45	3
13VV1A0535	RT41052	UML & DESIGN PATTERNS	28	50	3
13VV1A0535	RT41053	MOBILE COMPUTING	25	40	3
13VV1A0535	RT41057	ARTIFICIAL INTELLIGENCE	24	38	2
13VV1A0535	RT4105B	HADOOP AND BIG DATA	25	58	3
13VV1A0535	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0535	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
13VV1A0535	RT4105N	SOFTWARE TESTING LAB	25	42	2
13VV1A0535	RT4105O	HADOOP & BIG DATA LAB	25	36	2
13VV1A0536	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	47	3
13VV1A0536	RT41052	UML & DESIGN PATTERNS	28	50	3
13VV1A0536	RT41053	MOBILE COMPUTING	24	32	3
13VV1A0536	RT41057	ARTIFICIAL INTELLIGENCE	26	47	2
13VV1A0536	RT4105B	HADOOP AND BIG DATA	19	53	3
13VV1A0536	RT4105L	UML & DESIGN PATTERNS LAB	25	39	2
13VV1A0536	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
13VV1A0536	RT4105N	SOFTWARE TESTING LAB	25	40	2
13VV1A0536	RT4105O	HADOOP & BIG DATA LAB	19	34	2
13VV1A0537	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	36	3
13VV1A0537	RT41052	UML & DESIGN PATTERNS	27	42	3
13VV1A0537	RT41053	MOBILE COMPUTING	24	32	3
13VV1A0537	RT41057	ARTIFICIAL INTELLIGENCE	23	32	2
13VV1A0537	RT4105B	HADOOP AND BIG DATA	21	38	3
13VV1A0537	RT4105L	UML & DESIGN PATTERNS LAB	22	39	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0537	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
13VV1A0537	RT4105N	SOFTWARE TESTING LAB	21	40	2
13VV1A0537	RT4105O	HADOOP & BIG DATA LAB	16	28	2
13VV1A0538	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	48	3
13VV1A0538	RT41052	UML & DESIGN PATTERNS	28	51	3
13VV1A0538	RT41053	MOBILE COMPUTING	25	37	3
13VV1A0538	RT41057	ARTIFICIAL INTELLIGENCE	27	41	2
13VV1A0538	RT4105B	HADOOP AND BIG DATA	19	56	3
13VV1A0538	RT4105L	UML & DESIGN PATTERNS LAB	22	40	2
13VV1A0538	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A0538	RT4105N	SOFTWARE TESTING LAB	21	40	2
13VV1A0538	RT4105O	HADOOP & BIG DATA LAB	19	23	2
13VV1A0539	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	55	3
13VV1A0539	RT41052	UML & DESIGN PATTERNS	25	50	3
13VV1A0539	RT41053	MOBILE COMPUTING	25	46	3
13VV1A0539	RT41057	ARTIFICIAL INTELLIGENCE	27	50	2
13VV1A0539	RT4105B	HADOOP AND BIG DATA	20	58	3
13VV1A0539	RT4105L	UML & DESIGN PATTERNS LAB	23	41	2
13VV1A0539	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
13VV1A0539	RT4105N	SOFTWARE TESTING LAB	24	43	2
13VV1A0539	RT4105O	HADOOP & BIG DATA LAB	17	22	2
13VV1A0540	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	47	3
13VV1A0540	RT41052	UML & DESIGN PATTERNS	29	56	3
13VV1A0540	RT41053	MOBILE COMPUTING	27	44	3
13VV1A0540	RT41057	ARTIFICIAL INTELLIGENCE	25	43	2
13VV1A0540	RT4105B	HADOOP AND BIG DATA	20	55	3
13VV1A0540	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0540	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A0540	RT4105N	SOFTWARE TESTING LAB	25	44	2
13VV1A0540	RT4105O	HADOOP & BIG DATA LAB	18	38	2
13VV1A0541	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	47	3
13VV1A0541	RT41052	UML & DESIGN PATTERNS	28	35	3
13VV1A0541	RT41053	MOBILE COMPUTING	25	38	3
13VV1A0541	RT41057	ARTIFICIAL INTELLIGENCE	21	39	2
13VV1A0541	RT4105B	HADOOP AND BIG DATA	25	45	3
13VV1A0541	RT4105L	UML & DESIGN PATTERNS LAB	22	40	2
13VV1A0541	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A0541	RT4105N	SOFTWARE TESTING LAB	20	40	2
13VV1A0541	RT4105O	HADOOP & BIG DATA LAB	15	24	2
13VV1A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	48	3
13VV1A0542	RT41052	UML & DESIGN PATTERNS	30	52	3
13VV1A0542	RT41053	MOBILE COMPUTING	23	40	3
13VV1A0542	RT41057	ARTIFICIAL INTELLIGENCE	27	52	2
13VV1A0542	RT4105B	HADOOP AND BIG DATA	22	56	3
13VV1A0542	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
13VV1A0542	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
13VV1A0542	RT4105N	SOFTWARE TESTING LAB	25	48	2
13VV1A0542	RT4105O	HADOOP & BIG DATA LAB	20	28	2
13VV1A0543	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	45	3
13VV1A0543	RT41052	UML & DESIGN PATTERNS	28	49	3
13VV1A0543	RT41053	MOBILE COMPUTING	25	45	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0543	RT41057	ARTIFICIAL INTELLIGENCE	24	49	2
13VV1A0543	RT4105B	HADOOP AND BIG DATA	21	44	3
13VV1A0543	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0543	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A0543	RT4105N	SOFTWARE TESTING LAB	23	42	2
13VV1A0543	RT4105O	HADOOP & BIG DATA LAB	15	22	2
13VV1A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	57	3
13VV1A0544	RT41052	UML & DESIGN PATTERNS	29	54	3
13VV1A0544	RT41053	MOBILE COMPUTING	24	48	3
13VV1A0544	RT41057	ARTIFICIAL INTELLIGENCE	27	46	2
13VV1A0544	RT4105B	HADOOP AND BIG DATA	18	55	3
13VV1A0544	RT4105L	UML & DESIGN PATTERNS LAB	24	45	2
13VV1A0544	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A0544	RT4105N	SOFTWARE TESTING LAB	25	45	2
13VV1A0544	RT4105O	HADOOP & BIG DATA LAB	17	35	2
13VV1A0545	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	38	3
13VV1A0545	RT41052	UML & DESIGN PATTERNS	29	54	3
13VV1A0545	RT41053	MOBILE COMPUTING	26	43	3
13VV1A0545	RT41057	ARTIFICIAL INTELLIGENCE	27	41	2
13VV1A0545	RT4105B	HADOOP AND BIG DATA	19	52	3
13VV1A0545	RT4105L	UML & DESIGN PATTERNS LAB	25	45	2
13VV1A0545	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
13VV1A0545	RT4105N	SOFTWARE TESTING LAB	25	46	2
13VV1A0545	RT4105O	HADOOP & BIG DATA LAB	19	37	2
13VV1A0546	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	27	3
13VV1A0546	RT41052	UML & DESIGN PATTERNS	28	40	3
13VV1A0546	RT41053	MOBILE COMPUTING	26	30	3
13VV1A0546	RT41057	ARTIFICIAL INTELLIGENCE	25	38	2
13VV1A0546	RT4105B	HADOOP AND BIG DATA	12	35	3
13VV1A0546	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0546	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
13VV1A0546	RT4105N	SOFTWARE TESTING LAB	25	45	2
13VV1A0546	RT4105O	HADOOP & BIG DATA LAB	13	21	2
13VV1A0547	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	39	3
13VV1A0547	RT41052	UML & DESIGN PATTERNS	29	44	3
13VV1A0547	RT41053	MOBILE COMPUTING	25	38	3
13VV1A0547	RT41057	ARTIFICIAL INTELLIGENCE	24	44	2
13VV1A0547	RT4105B	HADOOP AND BIG DATA	24	54	3
13VV1A0547	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0547	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
13VV1A0547	RT4105N	SOFTWARE TESTING LAB	25	45	2
13VV1A0547	RT4105O	HADOOP & BIG DATA LAB	21	46	2
13VV1A0548	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	53	3
13VV1A0548	RT41052	UML & DESIGN PATTERNS	29	54	3
13VV1A0548	RT41053	MOBILE COMPUTING	25	45	3
13VV1A0548	RT41057	ARTIFICIAL INTELLIGENCE	25	41	2
13VV1A0548	RT4105B	HADOOP AND BIG DATA	20	54	3
13VV1A0548	RT4105L	UML & DESIGN PATTERNS LAB	25	41	2
13VV1A0548	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	35	2
13VV1A0548	RT4105N	SOFTWARE TESTING LAB	25	40	2
13VV1A0548	RT4105O	HADOOP & BIG DATA LAB	19	31	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0549	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	55	3
13VV1A0549	RT41052	UML & DESIGN PATTERNS	29	57	3
13VV1A0549	RT41053	MOBILE COMPUTING	25	45	3
13VV1A0549	RT41057	ARTIFICIAL INTELLIGENCE	28	43	2
13VV1A0549	RT4105B	HADOOP AND BIG DATA	23	53	3
13VV1A0549	RT4105L	UML & DESIGN PATTERNS LAB	25	41	2
13VV1A0549	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A0549	RT4105N	SOFTWARE TESTING LAB	25	44	2
13VV1A0549	RT4105O	HADOOP & BIG DATA LAB	19	44	2
13VV1A0550	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	48	3
13VV1A0550	RT41052	UML & DESIGN PATTERNS	27	52	3
13VV1A0550	RT41053	MOBILE COMPUTING	25	49	3
13VV1A0550	RT41057	ARTIFICIAL INTELLIGENCE	28	48	2
13VV1A0550	RT4105B	HADOOP AND BIG DATA	23	59	3
13VV1A0550	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
13VV1A0550	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A0550	RT4105N	SOFTWARE TESTING LAB	24	44	2
13VV1A0550	RT4105O	HADOOP & BIG DATA LAB	18	25	2
13VV1A0551	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	47	3
13VV1A0551	RT41052	UML & DESIGN PATTERNS	27	49	3
13VV1A0551	RT41053	MOBILE COMPUTING	25	48	3
13VV1A0551	RT41057	ARTIFICIAL INTELLIGENCE	25	39	2
13VV1A0551	RT4105B	HADOOP AND BIG DATA	21	52	3
13VV1A0551	RT4105L	UML & DESIGN PATTERNS LAB	24	40	2
13VV1A0551	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A0551	RT4105N	SOFTWARE TESTING LAB	23	40	2
13VV1A0551	RT4105O	HADOOP & BIG DATA LAB	15	23	2
13VV1A0552	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	12	37	3
13VV1A0552	RT41052	UML & DESIGN PATTERNS	27	50	3
13VV1A0552	RT41053	MOBILE COMPUTING	24	33	3
13VV1A0552	RT41057	ARTIFICIAL INTELLIGENCE	23	33	2
13VV1A0552	RT4105B	HADOOP AND BIG DATA	20	29	3
13VV1A0552	RT4105L	UML & DESIGN PATTERNS LAB	23	39	2
13VV1A0552	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
13VV1A0552	RT4105N	SOFTWARE TESTING LAB	24	40	2
13VV1A0552	RT4105O	HADOOP & BIG DATA LAB	17	25	2
13VV1A0553	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	57	3
13VV1A0553	RT41052	UML & DESIGN PATTERNS	28	56	3
13VV1A0553	RT41053	MOBILE COMPUTING	24	43	3
13VV1A0553	RT41057	ARTIFICIAL INTELLIGENCE	28	54	2
13VV1A0553	RT4105B	HADOOP AND BIG DATA	27	59	3
13VV1A0553	RT4105L	UML & DESIGN PATTERNS LAB	24	48	2
13VV1A0553	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A0553	RT4105N	SOFTWARE TESTING LAB	25	44	2
13VV1A0553	RT4105O	HADOOP & BIG DATA LAB	22	42	2
13VV1A0554	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	42	3
13VV1A0554	RT41052	UML & DESIGN PATTERNS	24	54	3
13VV1A0554	RT41053	MOBILE COMPUTING	26	40	3
13VV1A0554	RT41057	ARTIFICIAL INTELLIGENCE	27	46	2
13VV1A0554	RT4105B	HADOOP AND BIG DATA	24	55	3
13VV1A0554	RT4105L	UML & DESIGN PATTERNS LAB	22	38	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A0554	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
13VV1A0554	RT4105N	SOFTWARE TESTING LAB	22	40	2
13VV1A0554	RT4105O	HADOOP & BIG DATA LAB	22	32	2
13VV1A0556	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	47	3
13VV1A0556	RT41052	UML & DESIGN PATTERNS	28	45	3
13VV1A0556	RT41053	MOBILE COMPUTING	24	24	3
13VV1A0556	RT41057	ARTIFICIAL INTELLIGENCE	23	37	2
13VV1A0556	RT4105B	HADOOP AND BIG DATA	15	41	3
13VV1A0556	RT4105L	UML & DESIGN PATTERNS LAB	22	38	2
13VV1A0556	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A0556	RT4105N	SOFTWARE TESTING LAB	20	40	2
13VV1A0556	RT4105O	HADOOP & BIG DATA LAB	15	22	2
13VV1A0557	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	47	3
13VV1A0557	RT41052	UML & DESIGN PATTERNS	27	56	3
13VV1A0557	RT41053	MOBILE COMPUTING	25	40	3
13VV1A0557	RT41057	ARTIFICIAL INTELLIGENCE	26	38	2
13VV1A0557	RT4105B	HADOOP AND BIG DATA	20	32	3
13VV1A0557	RT4105L	UML & DESIGN PATTERNS LAB	23	39	2
13VV1A0557	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A0557	RT4105N	SOFTWARE TESTING LAB	22	40	2
13VV1A0557	RT4105O	HADOOP & BIG DATA LAB	16	29	2
13VV1A1201	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	40	3
13VV1A1201	RT41052	UML & DESIGN PATTERNS	21	41	3
13VV1A1201	RT41053	MOBILE COMPUTING	24	45	3
13VV1A1201	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	49	3
13VV1A1201	RT4105B	HADOOP AND BIG DATA	23	43	3
13VV1A1201	RT4112L	UML & DESIGN PATTERNS LAB	20	44	2
13VV1A1201	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A1201	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1201	RT4112O	HADOOP & BIG DATA LAB	23	40	2
13VV1A1203	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	37	3
13VV1A1203	RT41052	UML & DESIGN PATTERNS	25	45	3
13VV1A1203	RT41053	MOBILE COMPUTING	25	37	3
13VV1A1203	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	50	3
13VV1A1203	RT4105B	HADOOP AND BIG DATA	23	46	3
13VV1A1203	RT4112L	UML & DESIGN PATTERNS LAB	23	42	2
13VV1A1203	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A1203	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1203	RT4112O	HADOOP & BIG DATA LAB	22	40	2
13VV1A1204	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	46	3
13VV1A1204	RT41052	UML & DESIGN PATTERNS	25	60	3
13VV1A1204	RT41053	MOBILE COMPUTING	25	50	3
13VV1A1204	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	54	3
13VV1A1204	RT4105B	HADOOP AND BIG DATA	24	52	3
13VV1A1204	RT4112L	UML & DESIGN PATTERNS LAB	23	45	2
13VV1A1204	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
13VV1A1204	RT4112N	SOFTWARE ENGINEERING LAB	21	44	2
13VV1A1204	RT4112O	HADOOP & BIG DATA LAB	25	45	2
13VV1A1205	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	41	3
13VV1A1205	RT41052	UML & DESIGN PATTERNS	23	47	3
13VV1A1205	RT41053	MOBILE COMPUTING	24	48	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1205	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	53	3
13VV1A1205	RT4105B	HADOOP AND BIG DATA	24	39	3
13VV1A1205	RT4112L	UML & DESIGN PATTERNS LAB	21	45	2
13VV1A1205	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
13VV1A1205	RT4112N	SOFTWARE ENGINEERING LAB	21	44	2
13VV1A1205	RT4112O	HADOOP & BIG DATA LAB	20	48	2
13VV1A1206	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	35	3
13VV1A1206	RT41052	UML & DESIGN PATTERNS	22	49	3
13VV1A1206	RT41053	MOBILE COMPUTING	24	34	3
13VV1A1206	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	40	3
13VV1A1206	RT4105B	HADOOP AND BIG DATA	24	50	3
13VV1A1206	RT4112L	UML & DESIGN PATTERNS LAB	21	47	2
13VV1A1206	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A1206	RT4112N	SOFTWARE ENGINEERING LAB	24	48	2
13VV1A1206	RT4112O	HADOOP & BIG DATA LAB	24	48	2
13VV1A1207	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	53	3
13VV1A1207	RT41052	UML & DESIGN PATTERNS	23	55	3
13VV1A1207	RT41053	MOBILE COMPUTING	30	52	3
13VV1A1207	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	53	3
13VV1A1207	RT4105B	HADOOP AND BIG DATA	26	58	3
13VV1A1207	RT4112L	UML & DESIGN PATTERNS LAB	21	47	2
13VV1A1207	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A1207	RT4112N	SOFTWARE ENGINEERING LAB	25	49	2
13VV1A1207	RT4112O	HADOOP & BIG DATA LAB	23	47	2
13VV1A1208	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	42	3
13VV1A1208	RT41052	UML & DESIGN PATTERNS	24	50	3
13VV1A1208	RT41053	MOBILE COMPUTING	27	47	3
13VV1A1208	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	50	3
13VV1A1208	RT4105B	HADOOP AND BIG DATA	26	47	3
13VV1A1208	RT4112L	UML & DESIGN PATTERNS LAB	22	44	2
13VV1A1208	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A1208	RT4112N	SOFTWARE ENGINEERING LAB	21	44	2
13VV1A1208	RT4112O	HADOOP & BIG DATA LAB	25	40	2
13VV1A1209	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	47	3
13VV1A1209	RT41052	UML & DESIGN PATTERNS	23	54	3
13VV1A1209	RT41053	MOBILE COMPUTING	25	47	3
13VV1A1209	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	52	3
13VV1A1209	RT4105B	HADOOP AND BIG DATA	23	50	3
13VV1A1209	RT4112L	UML & DESIGN PATTERNS LAB	21	44	2
13VV1A1209	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A1209	RT4112N	SOFTWARE ENGINEERING LAB	20	47	2
13VV1A1209	RT4112O	HADOOP & BIG DATA LAB	25	44	2
13VV1A1210	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	39	3
13VV1A1210	RT41052	UML & DESIGN PATTERNS	22	51	3
13VV1A1210	RT41053	MOBILE COMPUTING	26	41	3
13VV1A1210	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	44	3
13VV1A1210	RT4105B	HADOOP AND BIG DATA	22	33	3
13VV1A1210	RT4112L	UML & DESIGN PATTERNS LAB	20	42	2
13VV1A1210	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
13VV1A1210	RT4112N	SOFTWARE ENGINEERING LAB	19	45	2
13VV1A1210	RT4112O	HADOOP & BIG DATA LAB	23	45	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1211	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	49	3
13VV1A1211	RT41052	UML & DESIGN PATTERNS	23	49	3
13VV1A1211	RT41053	MOBILE COMPUTING	24	44	3
13VV1A1211	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	51	3
13VV1A1211	RT4105B	HADOOP AND BIG DATA	24	57	3
13VV1A1211	RT4112L	UML & DESIGN PATTERNS LAB	21	43	2
13VV1A1211	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
13VV1A1211	RT4112N	SOFTWARE ENGINEERING LAB	20	46	2
13VV1A1211	RT4112O	HADOOP & BIG DATA LAB	20	45	2
13VV1A1212	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	45	3
13VV1A1212	RT41052	UML & DESIGN PATTERNS	24	52	3
13VV1A1212	RT41053	MOBILE COMPUTING	27	49	3
13VV1A1212	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	49	3
13VV1A1212	RT4105B	HADOOP AND BIG DATA	24	54	3
13VV1A1212	RT4112L	UML & DESIGN PATTERNS LAB	22	44	2
13VV1A1212	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A1212	RT4112N	SOFTWARE ENGINEERING LAB	20	43	2
13VV1A1212	RT4112O	HADOOP & BIG DATA LAB	23	48	2
13VV1A1213	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	36	3
13VV1A1213	RT41052	UML & DESIGN PATTERNS	22	37	3
13VV1A1213	RT41053	MOBILE COMPUTING	23	42	3
13VV1A1213	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	41	3
13VV1A1213	RT4105B	HADOOP AND BIG DATA	25	50	3
13VV1A1213	RT4112L	UML & DESIGN PATTERNS LAB	21	41	2
13VV1A1213	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	41	2
13VV1A1213	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
13VV1A1213	RT4112O	HADOOP & BIG DATA LAB	22	45	2
13VV1A1214	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	46	3
13VV1A1214	RT41052	UML & DESIGN PATTERNS	24	60	3
13VV1A1214	RT41053	MOBILE COMPUTING	26	51	3
13VV1A1214	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	51	3
13VV1A1214	RT4105B	HADOOP AND BIG DATA	29	54	3
13VV1A1214	RT4112L	UML & DESIGN PATTERNS LAB	22	48	2
13VV1A1214	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
13VV1A1214	RT4112N	SOFTWARE ENGINEERING LAB	21	46	2
13VV1A1214	RT4112O	HADOOP & BIG DATA LAB	23	46	2
13VV1A1215	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	48	3
13VV1A1215	RT41052	UML & DESIGN PATTERNS	23	48	3
13VV1A1215	RT41053	MOBILE COMPUTING	25	40	3
13VV1A1215	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	51	3
13VV1A1215	RT4105B	HADOOP AND BIG DATA	23	49	3
13VV1A1215	RT4112L	UML & DESIGN PATTERNS LAB	22	42	2
13VV1A1215	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A1215	RT4112N	SOFTWARE ENGINEERING LAB	19	38	2
13VV1A1215	RT4112O	HADOOP & BIG DATA LAB	22	46	2
13VV1A1216	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	53	3
13VV1A1216	RT41052	UML & DESIGN PATTERNS	24	52	3
13VV1A1216	RT41053	MOBILE COMPUTING	26	48	3
13VV1A1216	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	48	3
13VV1A1216	RT4105B	HADOOP AND BIG DATA	23	50	3
13VV1A1216	RT4112L	UML & DESIGN PATTERNS LAB	22	40	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1216	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
13VV1A1216	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1216	RT4112O	HADOOP & BIG DATA LAB	22	40	2
13VV1A1217	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	39	3
13VV1A1217	RT41052	UML & DESIGN PATTERNS	23	50	3
13VV1A1217	RT41053	MOBILE COMPUTING	24	46	3
13VV1A1217	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	46	3
13VV1A1217	RT4105B	HADOOP AND BIG DATA	24	46	3
13VV1A1217	RT4112L	UML & DESIGN PATTERNS LAB	22	41	2
13VV1A1217	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
13VV1A1217	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1217	RT4112O	HADOOP & BIG DATA LAB	22	39	2
13VV1A1218	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	42	3
13VV1A1218	RT41052	UML & DESIGN PATTERNS	23	47	3
13VV1A1218	RT41053	MOBILE COMPUTING	21	46	3
13VV1A1218	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	48	3
13VV1A1218	RT4105B	HADOOP AND BIG DATA	22	33	3
13VV1A1218	RT4112L	UML & DESIGN PATTERNS LAB	22	40	2
13VV1A1218	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A1218	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
13VV1A1218	RT4112O	HADOOP & BIG DATA LAB	22	40	2
13VV1A1219	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	43	3
13VV1A1219	RT41052	UML & DESIGN PATTERNS	21	46	3
13VV1A1219	RT41053	MOBILE COMPUTING	26	48	3
13VV1A1219	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	56	3
13VV1A1219	RT4105B	HADOOP AND BIG DATA	24	46	3
13VV1A1219	RT4112L	UML & DESIGN PATTERNS LAB	22	43	2
13VV1A1219	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
13VV1A1219	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1219	RT4112O	HADOOP & BIG DATA LAB	20	40	2
13VV1A1220	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	39	3
13VV1A1220	RT41052	UML & DESIGN PATTERNS	22	50	3
13VV1A1220	RT41053	MOBILE COMPUTING	24	32	3
13VV1A1220	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	46	3
13VV1A1220	RT4105B	HADOOP AND BIG DATA	23	41	3
13VV1A1220	RT4112L	UML & DESIGN PATTERNS LAB	21	40	2
13VV1A1220	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
13VV1A1220	RT4112N	SOFTWARE ENGINEERING LAB	18	38	2
13VV1A1220	RT4112O	HADOOP & BIG DATA LAB	23	44	2
13VV1A1221	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	35	3
13VV1A1221	RT41052	UML & DESIGN PATTERNS	23	49	3
13VV1A1221	RT41053	MOBILE COMPUTING	23	36	3
13VV1A1221	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	43	3
13VV1A1221	RT4105B	HADOOP AND BIG DATA	23	35	3
13VV1A1221	RT4112L	UML & DESIGN PATTERNS LAB	22	43	2
13VV1A1221	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A1221	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1221	RT4112O	HADOOP & BIG DATA LAB	20	40	2
13VV1A1222	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	36	3
13VV1A1222	RT41052	UML & DESIGN PATTERNS	29	51	3
13VV1A1222	RT41053	MOBILE COMPUTING	25	46	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1222	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	51	3
13VV1A1222	RT4105B	HADOOP AND BIG DATA	27	24	3
13VV1A1222	RT4112L	UML & DESIGN PATTERNS LAB	24	42	2
13VV1A1222	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A1222	RT4112N	SOFTWARE ENGINEERING LAB	20	43	2
13VV1A1222	RT4112O	HADOOP & BIG DATA LAB	23	45	2
13VV1A1223	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	45	3
13VV1A1223	RT41052	UML & DESIGN PATTERNS	24	56	3
13VV1A1223	RT41053	MOBILE COMPUTING	24	43	3
13VV1A1223	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	56	3
13VV1A1223	RT4105B	HADOOP AND BIG DATA	24	50	3
13VV1A1223	RT4112L	UML & DESIGN PATTERNS LAB	23	45	2
13VV1A1223	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
13VV1A1223	RT4112N	SOFTWARE ENGINEERING LAB	20	43	2
13VV1A1223	RT4112O	HADOOP & BIG DATA LAB	24	44	2
13VV1A1224	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	46	3
13VV1A1224	RT41052	UML & DESIGN PATTERNS	21	47	3
13VV1A1224	RT41053	MOBILE COMPUTING	25	38	3
13VV1A1224	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	44	3
13VV1A1224	RT4105B	HADOOP AND BIG DATA	22	34	3
13VV1A1224	RT4112L	UML & DESIGN PATTERNS LAB	20	41	2
13VV1A1224	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
13VV1A1224	RT4112N	SOFTWARE ENGINEERING LAB	20	47	2
13VV1A1224	RT4112O	HADOOP & BIG DATA LAB	20	44	2
13VV1A1225	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	43	3
13VV1A1225	RT41052	UML & DESIGN PATTERNS	23	56	3
13VV1A1225	RT41053	MOBILE COMPUTING	25	40	3
13VV1A1225	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	55	3
13VV1A1225	RT4105B	HADOOP AND BIG DATA	25	53	3
13VV1A1225	RT4112L	UML & DESIGN PATTERNS LAB	22	47	2
13VV1A1225	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A1225	RT4112N	SOFTWARE ENGINEERING LAB	24	47	2
13VV1A1225	RT4112O	HADOOP & BIG DATA LAB	20	45	2
13VV1A1226	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	32	3
13VV1A1226	RT41052	UML & DESIGN PATTERNS	24	55	3
13VV1A1226	RT41053	MOBILE COMPUTING	27	46	3
13VV1A1226	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	50	3
13VV1A1226	RT4105B	HADOOP AND BIG DATA	26	58	3
13VV1A1226	RT4112L	UML & DESIGN PATTERNS LAB	23	46	2
13VV1A1226	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
13VV1A1226	RT4112N	SOFTWARE ENGINEERING LAB	22	48	2
13VV1A1226	RT4112O	HADOOP & BIG DATA LAB	24	45	2
13VV1A1227	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	33	3
13VV1A1227	RT41052	UML & DESIGN PATTERNS	23	42	3
13VV1A1227	RT41053	MOBILE COMPUTING	23	25	3
13VV1A1227	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	43	3
13VV1A1227	RT4105B	HADOOP AND BIG DATA	23	35	3
13VV1A1227	RT4112L	UML & DESIGN PATTERNS LAB	22	41	2
13VV1A1227	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
13VV1A1227	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1227	RT4112O	HADOOP & BIG DATA LAB	24	45	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1228	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	40	3
13VV1A1228	RT41052	UML & DESIGN PATTERNS	20	45	3
13VV1A1228	RT41053	MOBILE COMPUTING	24	31	3
13VV1A1228	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	47	3
13VV1A1228	RT4105B	HADOOP AND BIG DATA	22	41	3
13VV1A1228	RT4112L	UML & DESIGN PATTERNS LAB	20	40	2
13VV1A1228	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
13VV1A1228	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1228	RT4112O	HADOOP & BIG DATA LAB	23	44	2
13VV1A1229	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	41	3
13VV1A1229	RT41052	UML & DESIGN PATTERNS	23	50	3
13VV1A1229	RT41053	MOBILE COMPUTING	21	45	3
13VV1A1229	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	45	3
13VV1A1229	RT4105B	HADOOP AND BIG DATA	24	45	3
13VV1A1229	RT4112L	UML & DESIGN PATTERNS LAB	22	40	2
13VV1A1229	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
13VV1A1229	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1229	RT4112O	HADOOP & BIG DATA LAB	23	43	2
13VV1A1230	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	37	3
13VV1A1230	RT41052	UML & DESIGN PATTERNS	23	45	3
13VV1A1230	RT41053	MOBILE COMPUTING	22	44	3
13VV1A1230	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	48	3
13VV1A1230	RT4105B	HADOOP AND BIG DATA	25	40	3
13VV1A1230	RT4112L	UML & DESIGN PATTERNS LAB	22	44	2
13VV1A1230	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
13VV1A1230	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1230	RT4112O	HADOOP & BIG DATA LAB	24	42	2
13VV1A1231	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	43	3
13VV1A1231	RT41052	UML & DESIGN PATTERNS	23	62	3
13VV1A1231	RT41053	MOBILE COMPUTING	22	40	3
13VV1A1231	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	52	3
13VV1A1231	RT4105B	HADOOP AND BIG DATA	25	53	3
13VV1A1231	RT4112L	UML & DESIGN PATTERNS LAB	22	42	2
13VV1A1231	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
13VV1A1231	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
13VV1A1231	RT4112O	HADOOP & BIG DATA LAB	22	42	2
13VV1A1232	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	45	3
13VV1A1232	RT41052	UML & DESIGN PATTERNS	24	52	3
13VV1A1232	RT41053	MOBILE COMPUTING	23	47	3
13VV1A1232	RT41056	INFORMATION RETRIEVAL SYSTEMS	27	56	3
13VV1A1232	RT4105B	HADOOP AND BIG DATA	23	40	3
13VV1A1232	RT4112L	UML & DESIGN PATTERNS LAB	23	44	2
13VV1A1232	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A1232	RT4112N	SOFTWARE ENGINEERING LAB	19	38	2
13VV1A1232	RT4112O	HADOOP & BIG DATA LAB	23	40	2
13VV1A1233	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	42	3
13VV1A1233	RT41052	UML & DESIGN PATTERNS	26	50	3
13VV1A1233	RT41053	MOBILE COMPUTING	22	38	3
13VV1A1233	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	53	3
13VV1A1233	RT4105B	HADOOP AND BIG DATA	23	51	3
13VV1A1233	RT4112L	UML & DESIGN PATTERNS LAB	24	42	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1233	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
13VV1A1233	RT4112N	SOFTWARE ENGINEERING LAB	20	42	2
13VV1A1233	RT4112O	HADOOP & BIG DATA LAB	20	40	2
13VV1A1234	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	50	3
13VV1A1234	RT41052	UML & DESIGN PATTERNS	23	56	3
13VV1A1234	RT41053	MOBILE COMPUTING	23	46	3
13VV1A1234	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	59	3
13VV1A1234	RT4105B	HADOOP AND BIG DATA	25	44	3
13VV1A1234	RT4112L	UML & DESIGN PATTERNS LAB	22	40	2
13VV1A1234	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	46	2
13VV1A1234	RT4112N	SOFTWARE ENGINEERING LAB	21	46	2
13VV1A1234	RT4112O	HADOOP & BIG DATA LAB	22	40	2
13VV1A1235	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	27	3
13VV1A1235	RT41052	UML & DESIGN PATTERNS	18	41	3
13VV1A1235	RT41053	MOBILE COMPUTING	21	30	3
13VV1A1235	RT41056	INFORMATION RETRIEVAL SYSTEMS	17	41	3
13VV1A1235	RT4105B	HADOOP AND BIG DATA	20	46	3
13VV1A1235	RT4112L	UML & DESIGN PATTERNS LAB	18	39	2
13VV1A1235	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
13VV1A1235	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1235	RT4112O	HADOOP & BIG DATA LAB	23	40	2
13VV1A1236	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	41	3
13VV1A1236	RT41052	UML & DESIGN PATTERNS	22	35	3
13VV1A1236	RT41053	MOBILE COMPUTING	24	39	3
13VV1A1236	RT41056	INFORMATION RETRIEVAL SYSTEMS	19	41	3
13VV1A1236	RT4105B	HADOOP AND BIG DATA	24	44	3
13VV1A1236	RT4112L	UML & DESIGN PATTERNS LAB	21	40	2
13VV1A1236	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
13VV1A1236	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
13VV1A1236	RT4112O	HADOOP & BIG DATA LAB	24	44	2
13VV1A1237	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	38	3
13VV1A1237	RT41052	UML & DESIGN PATTERNS	23	45	3
13VV1A1237	RT41053	MOBILE COMPUTING	24	42	3
13VV1A1237	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	45	3
13VV1A1237	RT4105B	HADOOP AND BIG DATA	24	46	3
13VV1A1237	RT4112L	UML & DESIGN PATTERNS LAB	22	43	2
13VV1A1237	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
13VV1A1237	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1237	RT4112O	HADOOP & BIG DATA LAB	23	45	2
13VV1A1238	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	28	50	3
13VV1A1238	RT41052	UML & DESIGN PATTERNS	25	50	3
13VV1A1238	RT41053	MOBILE COMPUTING	25	52	3
13VV1A1238	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	48	3
13VV1A1238	RT4105B	HADOOP AND BIG DATA	25	52	3
13VV1A1238	RT4112L	UML & DESIGN PATTERNS LAB	23	48	2
13VV1A1238	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
13VV1A1238	RT4112N	SOFTWARE ENGINEERING LAB	24	48	2
13VV1A1238	RT4112O	HADOOP & BIG DATA LAB	20	45	2
13VV1A1239	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	39	3
13VV1A1239	RT41052	UML & DESIGN PATTERNS	22	40	3
13VV1A1239	RT41053	MOBILE COMPUTING	23	44	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1239	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	47	3
13VV1A1239	RT4105B	HADOOP AND BIG DATA	24	39	3
13VV1A1239	RT4112L	UML & DESIGN PATTERNS LAB	21	41	2
13VV1A1239	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
13VV1A1239	RT4112N	SOFTWARE ENGINEERING LAB	23	46	2
13VV1A1239	RT4112O	HADOOP & BIG DATA LAB	20	45	2
13VV1A1240	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	47	3
13VV1A1240	RT41052	UML & DESIGN PATTERNS	24	46	3
13VV1A1240	RT41053	MOBILE COMPUTING	27	44	3
13VV1A1240	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	48	3
13VV1A1240	RT4105B	HADOOP AND BIG DATA	23	48	3
13VV1A1240	RT4112L	UML & DESIGN PATTERNS LAB	23	45	2
13VV1A1240	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	44	2
13VV1A1240	RT4112N	SOFTWARE ENGINEERING LAB	24	48	2
13VV1A1240	RT4112O	HADOOP & BIG DATA LAB	21	44	2
13VV1A1241	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	27	3
13VV1A1241	RT41052	UML & DESIGN PATTERNS	20	40	3
13VV1A1241	RT41053	MOBILE COMPUTING	22	34	3
13VV1A1241	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	45	3
13VV1A1241	RT4105B	HADOOP AND BIG DATA	22	43	3
13VV1A1241	RT4112L	UML & DESIGN PATTERNS LAB	20	42	2
13VV1A1241	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	48	2
13VV1A1241	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1241	RT4112O	HADOOP & BIG DATA LAB	23	40	2
13VV1A1242	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	54	3
13VV1A1242	RT41052	UML & DESIGN PATTERNS	24	54	3
13VV1A1242	RT41053	MOBILE COMPUTING	26	46	3
13VV1A1242	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	53	3
13VV1A1242	RT4105B	HADOOP AND BIG DATA	23	38	3
13VV1A1242	RT4112L	UML & DESIGN PATTERNS LAB	23	43	2
13VV1A1242	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
13VV1A1242	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
13VV1A1242	RT4112O	HADOOP & BIG DATA LAB	20	40	2
13VV1A1243	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	38	3
13VV1A1243	RT41052	UML & DESIGN PATTERNS	23	52	3
13VV1A1243	RT41053	MOBILE COMPUTING	22	47	3
13VV1A1243	RT41056	INFORMATION RETRIEVAL SYSTEMS	26	44	3
13VV1A1243	RT4105B	HADOOP AND BIG DATA	22	50	3
13VV1A1243	RT4112L	UML & DESIGN PATTERNS LAB	22	42	2
13VV1A1243	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
13VV1A1243	RT4112N	SOFTWARE ENGINEERING LAB	20	42	2
13VV1A1243	RT4112O	HADOOP & BIG DATA LAB	20	40	2
13VV1A1244	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	44	3
13VV1A1244	RT41052	UML & DESIGN PATTERNS	23	53	3
13VV1A1244	RT41053	MOBILE COMPUTING	26	43	3
13VV1A1244	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	49	3
13VV1A1244	RT4105B	HADOOP AND BIG DATA	25	49	3
13VV1A1244	RT4112L	UML & DESIGN PATTERNS LAB	22	41	2
13VV1A1244	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
13VV1A1244	RT4112N	SOFTWARE ENGINEERING LAB	20	42	2
13VV1A1244	RT4112O	HADOOP & BIG DATA LAB	22	45	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1245	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	34	3
13VV1A1245	RT41052	UML & DESIGN PATTERNS	22	39	3
13VV1A1245	RT41053	MOBILE COMPUTING	21	40	3
13VV1A1245	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	45	3
13VV1A1245	RT4105B	HADOOP AND BIG DATA	25	43	3
13VV1A1245	RT4112L	UML & DESIGN PATTERNS LAB	21	40	2
13VV1A1245	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
13VV1A1245	RT4112N	SOFTWARE ENGINEERING LAB	19	40	2
13VV1A1245	RT4112O	HADOOP & BIG DATA LAB	23	45	2
13VV1A1246	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	35	3
13VV1A1246	RT41052	UML & DESIGN PATTERNS	22	39	3
13VV1A1246	RT41053	MOBILE COMPUTING	23	33	3
13VV1A1246	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	45	3
13VV1A1246	RT4105B	HADOOP AND BIG DATA	22	52	3
13VV1A1246	RT4112L	UML & DESIGN PATTERNS LAB	21	41	2
13VV1A1246	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	47	2
13VV1A1246	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1246	RT4112O	HADOOP & BIG DATA LAB	20	40	2
13VV1A1247	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	38	3
13VV1A1247	RT41052	UML & DESIGN PATTERNS	23	58	3
13VV1A1247	RT41053	MOBILE COMPUTING	25	48	3
13VV1A1247	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	51	3
13VV1A1247	RT4105B	HADOOP AND BIG DATA	24	52	3
13VV1A1247	RT4112L	UML & DESIGN PATTERNS LAB	22	41	2
13VV1A1247	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
13VV1A1247	RT4112N	SOFTWARE ENGINEERING LAB	19	38	2
13VV1A1247	RT4112O	HADOOP & BIG DATA LAB	20	39	2
13VV1A1248	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	27	3
13VV1A1248	RT41052	UML & DESIGN PATTERNS	20	44	3
13VV1A1248	RT41053	MOBILE COMPUTING	24	42	3
13VV1A1248	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	51	3
13VV1A1248	RT4105B	HADOOP AND BIG DATA	24	32	3
13VV1A1248	RT4112L	UML & DESIGN PATTERNS LAB	20	40	2
13VV1A1248	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
13VV1A1248	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1248	RT4112O	HADOOP & BIG DATA LAB	23	44	2
13VV1A1249	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
13VV1A1249	RT41052	UML & DESIGN PATTERNS	23	52	3
13VV1A1249	RT41053	MOBILE COMPUTING	25	43	3
13VV1A1249	RT41056	INFORMATION RETRIEVAL SYSTEMS	20	56	3
13VV1A1249	RT4105B	HADOOP AND BIG DATA	25	39	3
13VV1A1249	RT4112L	UML & DESIGN PATTERNS LAB	22	45	2
13VV1A1249	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A1249	RT4112N	SOFTWARE ENGINEERING LAB	24	43	2
13VV1A1249	RT4112O	HADOOP & BIG DATA LAB	23	40	2
13VV1A1251	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	44	3
13VV1A1251	RT41052	UML & DESIGN PATTERNS	22	43	3
13VV1A1251	RT41053	MOBILE COMPUTING	23	42	3
13VV1A1251	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	41	3
13VV1A1251	RT4105B	HADOOP AND BIG DATA	25	41	3
13VV1A1251	RT4112L	UML & DESIGN PATTERNS LAB	21	42	2

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1251	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
13VV1A1251	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
13VV1A1251	RT4112O	HADOOP & BIG DATA LAB	23	40	2
13VV1A1252	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	40	3
13VV1A1252	RT41052	UML & DESIGN PATTERNS	23	45	3
13VV1A1252	RT41053	MOBILE COMPUTING	24	34	3
13VV1A1252	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	53	3
13VV1A1252	RT4105B	HADOOP AND BIG DATA	25	42	3
13VV1A1252	RT4112L	UML & DESIGN PATTERNS LAB	22	44	2
13VV1A1252	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
13VV1A1252	RT4112N	SOFTWARE ENGINEERING LAB	22	42	2
13VV1A1252	RT4112O	HADOOP & BIG DATA LAB	20	44	2
13VV1A1253	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	25	3
13VV1A1253	RT41052	UML & DESIGN PATTERNS	23	30	3
13VV1A1253	RT41053	MOBILE COMPUTING	24	24	3
13VV1A1253	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	41	3
13VV1A1253	RT4105B	HADOOP AND BIG DATA	24	41	3
13VV1A1253	RT4112L	UML & DESIGN PATTERNS LAB	22	43	2
13VV1A1253	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
13VV1A1253	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1253	RT4112O	HADOOP & BIG DATA LAB	20	39	2
13VV1A1254	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	46	3
13VV1A1254	RT41052	UML & DESIGN PATTERNS	23	46	3
13VV1A1254	RT41053	MOBILE COMPUTING	27	49	3
13VV1A1254	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	51	3
13VV1A1254	RT4105B	HADOOP AND BIG DATA	27	54	3
13VV1A1254	RT4112L	UML & DESIGN PATTERNS LAB	22	44	2
13VV1A1254	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
13VV1A1254	RT4112N	SOFTWARE ENGINEERING LAB	21	46	2
13VV1A1254	RT4112O	HADOOP & BIG DATA LAB	23	44	2
13VV1A1255	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	38	3
13VV1A1255	RT41052	UML & DESIGN PATTERNS	20	50	3
13VV1A1255	RT41053	MOBILE COMPUTING	22	34	3
13VV1A1255	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	50	3
13VV1A1255	RT4105B	HADOOP AND BIG DATA	28	64	3
13VV1A1255	RT4112L	UML & DESIGN PATTERNS LAB	20	44	2
13VV1A1255	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	47	2
13VV1A1255	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1255	RT4112O	HADOOP & BIG DATA LAB	22	45	2
13VV1A1256	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	41	3
13VV1A1256	RT41052	UML & DESIGN PATTERNS	21	47	3
13VV1A1256	RT41053	MOBILE COMPUTING	23	43	3
13VV1A1256	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	42	3
13VV1A1256	RT4105B	HADOOP AND BIG DATA	27	51	3
13VV1A1256	RT4112L	UML & DESIGN PATTERNS LAB	20	41	2
13VV1A1256	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	20	42	2
13VV1A1256	RT4112N	SOFTWARE ENGINEERING LAB	18	36	2
13VV1A1256	RT4112O	HADOOP & BIG DATA LAB	22	46	2
13VV1A1257	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	26	3
13VV1A1257	RT41052	UML & DESIGN PATTERNS	19	39	3
13VV1A1257	RT41053	MOBILE COMPUTING	17	34	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A1257	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	45	3
13VV1A1257	RT4105B	HADOOP AND BIG DATA	23	15	0
13VV1A1257	RT4112L	UML & DESIGN PATTERNS LAB	20	43	2
13VV1A1257	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
13VV1A1257	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1257	RT4112O	HADOOP & BIG DATA LAB	24	44	2
13VV1A1258	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	37	3
13VV1A1258	RT41052	UML & DESIGN PATTERNS	24	48	3
13VV1A1258	RT41053	MOBILE COMPUTING	22	49	3
13VV1A1258	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	54	3
13VV1A1258	RT4105B	HADOOP AND BIG DATA	26	39	3
13VV1A1258	RT4112L	UML & DESIGN PATTERNS LAB	23	42	2
13VV1A1258	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
13VV1A1258	RT4112N	SOFTWARE ENGINEERING LAB	20	40	2
13VV1A1258	RT4112O	HADOOP & BIG DATA LAB	20	44	2
13VV1A1259	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	25	53	3
13VV1A1259	RT41052	UML & DESIGN PATTERNS	22	52	3
13VV1A1259	RT41053	MOBILE COMPUTING	27	51	3
13VV1A1259	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	51	3
13VV1A1259	RT4105B	HADOOP AND BIG DATA	25	55	3
13VV1A1259	RT4112L	UML & DESIGN PATTERNS LAB	21	43	2
13VV1A1259	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
13VV1A1259	RT4112N	SOFTWARE ENGINEERING LAB	21	40	2
13VV1A1259	RT4112O	HADOOP & BIG DATA LAB	25	44	2
13VV1A3101	MT4101	METAL FORMING & PRESS TOOLS	28	43	3
13VV1A3101	MT4102	ELECTRO METTALLURGY & CORROSION	21	43	3
13VV1A3101	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	24	38	3
13VV1A3101	MT4104	POWDER METALLURGY	24	51	3
13VV1A3101	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	27	37	3
13VV1A3101	MT4108	LIGHT METALS AND ALLOYS	27	45	3
13VV1A3101	MT4111	METAL FORMING & PRESS TOOLS LAB	20	43	2
13VV1A3101	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	46	2
13VV1A3102	MT4101	METAL FORMING & PRESS TOOLS	21	37	3
13VV1A3102	MT4102	ELECTRO METTALLURGY & CORROSION	25	44	3
13VV1A3102	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	23	43	3
13VV1A3102	MT4104	POWDER METALLURGY	20	42	3
13VV1A3102	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	23	24	3
13VV1A3102	MT4108	LIGHT METALS AND ALLOYS	19	46	3
13VV1A3102	MT4111	METAL FORMING & PRESS TOOLS LAB	22	41	2
13VV1A3102	MT4112	ELECTRO METALLURGY AND CORROSION LAB	22	42	2
13VV1A3104	MT4101	METAL FORMING & PRESS TOOLS	26	33	3
13VV1A3104	MT4102	ELECTRO METTALLURGY & CORROSION	24	37	3
13VV1A3104	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	19	47	3
13VV1A3104	MT4104	POWDER METALLURGY	20	49	3
13VV1A3104	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	24	32	3
13VV1A3104	MT4108	LIGHT METALS AND ALLOYS	24	48	3
13VV1A3104	MT4111	METAL FORMING & PRESS TOOLS LAB	19	36	2
13VV1A3104	MT4112	ELECTRO METALLURGY AND CORROSION LAB	21	44	2
13VV1A3105	MT4101	METAL FORMING & PRESS TOOLS	27	40	3
13VV1A3105	MT4102	ELECTRO METTALLURGY & CORROSION	21	41	3
13VV1A3105	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	24	48	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A3105	MT4104	POWDER METALLURGY	18	47	3
13VV1A3105	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	24	31	3
13VV1A3105	MT4108	LIGHT METALS AND ALLOYS	24	46	3
13VV1A3105	MT4111	METAL FORMING & PRESS TOOLS LAB	23	45	2
13VV1A3105	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	45	2
13VV1A3106	MT4101	METAL FORMING & PRESS TOOLS	27	41	3
13VV1A3106	MT4102	ELECTRO METTALLURGY & CORROSION	25	50	3
13VV1A3106	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	26	52	3
13VV1A3106	MT4104	POWDER METALLURGY	22	52	3
13VV1A3106	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	25	49	3
13VV1A3106	MT4108	LIGHT METALS AND ALLOYS	28	50	3
13VV1A3106	MT4111	METAL FORMING & PRESS TOOLS LAB	22	43	2
13VV1A3106	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	46	2
13VV1A3107	MT4101	METAL FORMING & PRESS TOOLS	24	51	3
13VV1A3107	MT4102	ELECTRO METTALLURGY & CORROSION	23	44	3
13VV1A3107	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	24	41	3
13VV1A3107	MT4104	POWDER METALLURGY	20	44	3
13VV1A3107	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	23	20	3
13VV1A3107	MT4108	LIGHT METALS AND ALLOYS	21	44	3
13VV1A3107	MT4111	METAL FORMING & PRESS TOOLS LAB	22	41	2
13VV1A3107	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	44	2
13VV1A3108	MT4101	METAL FORMING & PRESS TOOLS	28	64	3
13VV1A3108	MT4102	ELECTRO METTALLURGY & CORROSION	28	54	3
13VV1A3108	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	27	60	3
13VV1A3108	MT4104	POWDER METALLURGY	27	49	3
13VV1A3108	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	27	52	3
13VV1A3108	MT4108	LIGHT METALS AND ALLOYS	26	49	3
13VV1A3108	MT4111	METAL FORMING & PRESS TOOLS LAB	24	46	2
13VV1A3108	MT4112	ELECTRO METALLURGY AND CORROSION LAB	25	46	2
13VV1A3109	MT4101	METAL FORMING & PRESS TOOLS	26	52	3
13VV1A3109	MT4102	ELECTRO METTALLURGY & CORROSION	25	43	3
13VV1A3109	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	25	48	3
13VV1A3109	MT4104	POWDER METALLURGY	21	43	3
13VV1A3109	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	24	44	3
13VV1A3109	MT4108	LIGHT METALS AND ALLOYS	24	47	3
13VV1A3109	MT4111	METAL FORMING & PRESS TOOLS LAB	23	44	2
13VV1A3109	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	46	2
13VV1A3110	MT4101	METAL FORMING & PRESS TOOLS	28	47	3
13VV1A3110	MT4102	ELECTRO METTALLURGY & CORROSION	21	37	3
13VV1A3110	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	26	58	3
13VV1A3110	MT4104	POWDER METALLURGY	26	54	3
13VV1A3110	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	27	47	3
13VV1A3110	MT4108	LIGHT METALS AND ALLOYS	28	49	3
13VV1A3110	MT4111	METAL FORMING & PRESS TOOLS LAB	23	45	2
13VV1A3110	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	47	2
13VV1A3111	MT4101	METAL FORMING & PRESS TOOLS	25	32	3
13VV1A3111	MT4102	ELECTRO METTALLURGY & CORROSION	22	40	3
13VV1A3111	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	25	42	3
13VV1A3111	MT4104	POWDER METALLURGY	19	40	3
13VV1A3111	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	26	27	3
13VV1A3111	MT4108	LIGHT METALS AND ALLOYS	23	38	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A3111	MT4111	METAL FORMING & PRESS TOOLS LAB	21	41	2
13VV1A3111	MT4112	ELECTRO METALLURGY AND CORROSION LAB	21	46	2
13VV1A3112	MT4101	METAL FORMING & PRESS TOOLS	25	44	3
13VV1A3112	MT4102	ELECTRO METTALLURGY & CORROSION	26	58	3
13VV1A3112	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	27	58	3
13VV1A3112	MT4104	POWDER METALLURGY	24	53	3
13VV1A3112	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	26	52	3
13VV1A3112	MT4108	LIGHT METALS AND ALLOYS	25	49	3
13VV1A3112	MT4111	METAL FORMING & PRESS TOOLS LAB	24	46	2
13VV1A3112	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	46	2
13VV1A3113	MT4101	METAL FORMING & PRESS TOOLS	25	40	3
13VV1A3113	MT4102	ELECTRO METTALLURGY & CORROSION	23	42	3
13VV1A3113	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	23	37	3
13VV1A3113	MT4104	POWDER METALLURGY	22	42	3
13VV1A3113	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	23	24	3
13VV1A3113	MT4108	LIGHT METALS AND ALLOYS	21	42	3
13VV1A3113	MT4111	METAL FORMING & PRESS TOOLS LAB	21	42	2
13VV1A3113	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	46	2
13VV1A3114	MT4101	METAL FORMING & PRESS TOOLS	27	57	3
13VV1A3114	MT4102	ELECTRO METTALLURGY & CORROSION	30	44	3
13VV1A3114	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	28	45	3
13VV1A3114	MT4104	POWDER METALLURGY	27	54	3
13VV1A3114	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	27	47	3
13VV1A3114	MT4108	LIGHT METALS AND ALLOYS	28	49	3
13VV1A3114	MT4111	METAL FORMING & PRESS TOOLS LAB	23	47	2
13VV1A3114	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	47	2
13VV1A3115	MT4101	METAL FORMING & PRESS TOOLS	27	49	3
13VV1A3115	MT4102	ELECTRO METTALLURGY & CORROSION	27	55	3
13VV1A3115	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	26	52	3
13VV1A3115	MT4104	POWDER METALLURGY	27	43	3
13VV1A3115	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	25	42	3
13VV1A3115	MT4108	LIGHT METALS AND ALLOYS	29	49	3
13VV1A3115	MT4111	METAL FORMING & PRESS TOOLS LAB	22	43	2
13VV1A3115	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	48	2
13VV1A3116	MT4101	METAL FORMING & PRESS TOOLS	29	57	3
13VV1A3116	MT4102	ELECTRO METTALLURGY & CORROSION	28	55	3
13VV1A3116	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	26	54	3
13VV1A3116	MT4104	POWDER METALLURGY	24	53	3
13VV1A3116	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	26	52	3
13VV1A3116	MT4108	LIGHT METALS AND ALLOYS	24	49	3
13VV1A3116	MT4111	METAL FORMING & PRESS TOOLS LAB	22	46	2
13VV1A3116	MT4112	ELECTRO METALLURGY AND CORROSION LAB	25	48	2
13VV1A3117	MT4101	METAL FORMING & PRESS TOOLS	26	47	3
13VV1A3117	MT4102	ELECTRO METTALLURGY & CORROSION	25	50	3
13VV1A3117	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	23	48	3
13VV1A3117	MT4104	POWDER METALLURGY	20	49	3
13VV1A3117	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	22	46	3
13VV1A3117	MT4108	LIGHT METALS AND ALLOYS	21	47	3
13VV1A3117	MT4111	METAL FORMING & PRESS TOOLS LAB	21	42	2
13VV1A3117	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	47	2
13VV1A3118	MT4101	METAL FORMING & PRESS TOOLS	28	41	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A3118	MT4102	ELECTRO METTALLURGY & CORROSION	22	47	3
13VV1A3118	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	23	43	3
13VV1A3118	MT4104	POWDER METALLURGY	15	47	3
13VV1A3118	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	24	28	3
13VV1A3118	MT4108	LIGHT METALS AND ALLOYS	24	52	3
13VV1A3118	MT4111	METAL FORMING & PRESS TOOLS LAB	21	39	2
13VV1A3118	MT4112	ELECTRO METALLURGY AND CORROSION LAB	22	43	2
13VV1A3119	MT4101	METAL FORMING & PRESS TOOLS	25	38	3
13VV1A3119	MT4102	ELECTRO METTALLURGY & CORROSION	21	38	3
13VV1A3119	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	24	40	3
13VV1A3119	MT4104	POWDER METALLURGY	18	41	3
13VV1A3119	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	23	32	3
13VV1A3119	MT4108	LIGHT METALS AND ALLOYS	24	47	3
13VV1A3119	MT4111	METAL FORMING & PRESS TOOLS LAB	21	39	2
13VV1A3119	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	44	2
13VV1A3120	MT4101	METAL FORMING & PRESS TOOLS	27	55	3
13VV1A3120	MT4102	ELECTRO METTALLURGY & CORROSION	29	60	3
13VV1A3120	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	26	54	3
13VV1A3120	MT4104	POWDER METALLURGY	27	55	3
13VV1A3120	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	26	51	3
13VV1A3120	MT4108	LIGHT METALS AND ALLOYS	29	53	3
13VV1A3120	MT4111	METAL FORMING & PRESS TOOLS LAB	24	47	2
13VV1A3120	MT4112	ELECTRO METALLURGY AND CORROSION LAB	25	48	2
13VV1A3121	MT4101	METAL FORMING & PRESS TOOLS	27	44	3
13VV1A3121	MT4102	ELECTRO METTALLURGY & CORROSION	28	51	3
13VV1A3121	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	26	60	3
13VV1A3121	MT4104	POWDER METALLURGY	27	48	3
13VV1A3121	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	25	40	3
13VV1A3121	MT4108	LIGHT METALS AND ALLOYS	28	48	3
13VV1A3121	MT4111	METAL FORMING & PRESS TOOLS LAB	24	46	2
13VV1A3121	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	47	2
13VV1A3122	MT4101	METAL FORMING & PRESS TOOLS	22	36	3
13VV1A3122	MT4102	ELECTRO METTALLURGY & CORROSION	24	30	3
13VV1A3122	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	21	50	3
13VV1A3122	MT4104	POWDER METALLURGY	17	37	3
13VV1A3122	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	16	24	3
13VV1A3122	MT4108	LIGHT METALS AND ALLOYS	15	45	3
13VV1A3122	MT4111	METAL FORMING & PRESS TOOLS LAB	20	42	2
13VV1A3122	MT4112	ELECTRO METALLURGY AND CORROSION LAB	20	45	2
13VV1A3124	MT4101	METAL FORMING & PRESS TOOLS	28	53	3
13VV1A3124	MT4102	ELECTRO METTALLURGY & CORROSION	29	59	3
13VV1A3124	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	27	62	3
13VV1A3124	MT4104	POWDER METALLURGY	26	45	3
13VV1A3124	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	27	41	3
13VV1A3124	MT4108	LIGHT METALS AND ALLOYS	28	51	3
13VV1A3124	MT4111	METAL FORMING & PRESS TOOLS LAB	24	47	2
13VV1A3124	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	48	2
13VV1A3125	MT4101	METAL FORMING & PRESS TOOLS	16	30	3
13VV1A3125	MT4102	ELECTRO METTALLURGY & CORROSION	23	28	3
13VV1A3125	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	17	38	3
13VV1A3125	MT4104	POWDER METALLURGY	13	38	3

Htno	Subcode	Subname	Internal	External	CREDITS
13VV1A3125	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	21	18	3
13VV1A3125	MT4108	LIGHT METALS AND ALLOYS	20	39	3
13VV1A3125	MT4111	METAL FORMING & PRESS TOOLS LAB	17	37	2
13VV1A3125	MT4112	ELECTRO METALLURGY AND CORROSION LAB	20	42	2
13VV1A3127	MT4101	METAL FORMING & PRESS TOOLS	26	52	3
13VV1A3127	MT4102	ELECTRO METTALLURGY & CORROSION	26	57	3
13VV1A3127	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	22	57	3
13VV1A3127	MT4104	POWDER METALLURGY	24	48	3
13VV1A3127	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	25	47	3
13VV1A3127	MT4108	LIGHT METALS AND ALLOYS	26	46	3
13VV1A3127	MT4111	METAL FORMING & PRESS TOOLS LAB	23	44	2
13VV1A3127	MT4112	ELECTRO METALLURGY AND CORROSION LAB	25	46	2
13VV1A3128	MT4101	METAL FORMING & PRESS TOOLS	28	47	3
13VV1A3128	MT4102	ELECTRO METTALLURGY & CORROSION	29	52	3
13VV1A3128	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	25	60	3
13VV1A3128	MT4104	POWDER METALLURGY	24	44	3
13VV1A3128	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	26	39	3
13VV1A3128	MT4108	LIGHT METALS AND ALLOYS	29	44	3
13VV1A3128	MT4111	METAL FORMING & PRESS TOOLS LAB	23	43	2
13VV1A3128	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	47	2
13VV1A3129	MT4101	METAL FORMING & PRESS TOOLS	25	46	3
13VV1A3129	MT4102	ELECTRO METTALLURGY & CORROSION	24	46	3
13VV1A3129	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	24	47	3
13VV1A3129	MT4104	POWDER METALLURGY	21	49	3
13VV1A3129	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	25	38	3
13VV1A3129	MT4108	LIGHT METALS AND ALLOYS	24	45	3
13VV1A3129	MT4111	METAL FORMING & PRESS TOOLS LAB	20	42	2
13VV1A3129	MT4112	ELECTRO METALLURGY AND CORROSION LAB	24	41	2
13VV1A3130	MT4101	METAL FORMING & PRESS TOOLS	21	42	3
13VV1A3130	MT4102	ELECTRO METTALLURGY & CORROSION	14	38	3
13VV1A3130	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	23	44	3
13VV1A3130	MT4104	POWDER METALLURGY	20	44	3
13VV1A3130	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	23	32	3
13VV1A3130	MT4108	LIGHT METALS AND ALLOYS	20	36	3
13VV1A3130	MT4111	METAL FORMING & PRESS TOOLS LAB	22	41	2
13VV1A3130	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	45	2
14VV5A0131	RT41011	ENVIRONMENTAL ENGINEERING - II	28	36	3
14VV5A0131	RT41012	PRESTRESSED CONCRETE	27	35	3
14VV5A0131	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	25	35	3
14VV5A0131	RT41014	WATER RESOURCE ENGINEERING - II	22	34	3
14VV5A0131	RT41015	REMOTE SENSING AND GIS APPLICATIONS	23	41	3
14VV5A0131	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	35	3
14VV5A0131	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	42	2
14VV5A0131	RT4101M	GIS & CAD LAB	22	46	2
14VV5A0132	RT41011	ENVIRONMENTAL ENGINEERING - II	30	51	3
14VV5A0132	RT41012	PRESTRESSED CONCRETE	27	34	3
14VV5A0132	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	28	44	3
14VV5A0132	RT41014	WATER RESOURCE ENGINEERING - II	28	40	3
14VV5A0132	RT41015	REMOTE SENSING AND GIS APPLICATIONS	27	40	3
14VV5A0132	RT41016	GROUND IMPROVEMENT TECHNIQUES	28	40	3
14VV5A0132	RT4101L	ENVIRONMENTAL ENGINEERING LAB	25	45	2

Htno	Subcode	Subname	Internal	External	CREDITS
14VV5A0132	RT4101M	GIS & CAD LAB	22	50	2
14VV5A0133	RT41011	ENVIRONMENTAL ENGINEERING - II	26	38	3
14VV5A0133	RT41012	PRESTRESSED CONCRETE	23	42	3
14VV5A0133	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	26	33	3
14VV5A0133	RT41014	WATER RESOURCE ENGINEERING - II	18	24	3
14VV5A0133	RT41015	REMOTE SENSING AND GIS APPLICATIONS	20	0	0
14VV5A0133	RT41016	GROUND IMPROVEMENT TECHNIQUES	26	41	3
14VV5A0133	RT4101L	ENVIRONMENTAL ENGINEERING LAB	24	45	2
14VV5A0133	RT4101M	GIS & CAD LAB	18	43	2
14VV5A0261	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	47	3
14VV5A0261	RT41022	HVAC & DC TRANSMISSION	24	52	3
14VV5A0261	RT41023	POWER SYSTEM OPERATION & CONTROL	26	56	3
14VV5A0261	RT41025	INSTRUMENTATION	24	56	3
14VV5A0261	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	55	3
14VV5A0261	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	24	43	2
14VV5A0261	RT4102M	ELECTRICAL SIMULATION LAB	22	38	2
14VV5A0261	RT4102N	POWER SYSTEMS LAB	22	32	2
14VV5A0262	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	29	53	3
14VV5A0262	RT41022	HVAC & DC TRANSMISSION	27	60	3
14VV5A0262	RT41023	POWER SYSTEM OPERATION & CONTROL	30	60	3
14VV5A0262	RT41025	INSTRUMENTATION	28	57	3
14VV5A0262	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	54	3
14VV5A0262	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	48	2
14VV5A0262	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
14VV5A0262	RT4102N	POWER SYSTEMS LAB	23	41	2
14VV5A0263	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	28	46	3
14VV5A0263	RT41022	HVAC & DC TRANSMISSION	26	54	3
14VV5A0263	RT41023	POWER SYSTEM OPERATION & CONTROL	29	66	3
14VV5A0263	RT41025	INSTRUMENTATION	24	51	3
14VV5A0263	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	28	58	3
14VV5A0263	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	24	47	2
14VV5A0263	RT4102M	ELECTRICAL SIMULATION LAB	23	37	2
14VV5A0263	RT4102N	POWER SYSTEMS LAB	22	41	2
14VV5A0265	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	26	49	3
14VV5A0265	RT41022	HVAC & DC TRANSMISSION	25	42	3
14VV5A0265	RT41023	POWER SYSTEM OPERATION & CONTROL	24	63	3
14VV5A0265	RT41025	INSTRUMENTATION	26	55	3
14VV5A0265	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	26	54	3
14VV5A0265	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	21	45	2
14VV5A0265	RT4102M	ELECTRICAL SIMULATION LAB	21	41	2
14VV5A0265	RT4102N	POWER SYSTEMS LAB	21	32	2
14VV5A0266	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	30	53	3
14VV5A0266	RT41022	HVAC & DC TRANSMISSION	28	52	3
14VV5A0266	RT41023	POWER SYSTEM OPERATION & CONTROL	28	60	3
14VV5A0266	RT41025	INSTRUMENTATION	26	57	3
14VV5A0266	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	27	56	3
14VV5A0266	RT4102L	MICROPROCESSORS & MICROCONTROLLERS LAB	20	49	2
14VV5A0266	RT4102M	ELECTRICAL SIMULATION LAB	23	41	2
14VV5A0266	RT4102N	POWER SYSTEMS LAB	23	45	2
14VV5A0361	RT41031	AUTOMOBILE ENGINEERING	15	37	3
14VV5A0361	RT41032	CAD/CAM	28	42	3

Htno	Subcode	Subname	Internal	External	CREDITS
14VV5A0361	RT41033	FINITE ELEMENT METHODS	22	41	3
14VV5A0361	RT41034	UNCONVENTIONAL MACHINING PROCESSES	17	43	3
14VV5A0361	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	52	3
14VV5A0361	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	21	48	3
14VV5A0361	RT4103L	SIMULATION LAB	24	48	2
14VV5A0361	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
14VV5A0362	RT41031	AUTOMOBILE ENGINEERING	20	34	3
14VV5A0362	RT41032	CAD/CAM	27	50	3
14VV5A0362	RT41033	FINITE ELEMENT METHODS	28	54	3
14VV5A0362	RT41034	UNCONVENTIONAL MACHINING PROCESSES	25	45	3
14VV5A0362	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	22	53	3
14VV5A0362	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	24	40	3
14VV5A0362	RT4103L	SIMULATION LAB	24	47	2
14VV5A0362	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
14VV5A0363	RT41031	AUTOMOBILE ENGINEERING	23	44	3
14VV5A0363	RT41032	CAD/CAM	27	38	3
14VV5A0363	RT41033	FINITE ELEMENT METHODS	29	49	3
14VV5A0363	RT41034	UNCONVENTIONAL MACHINING PROCESSES	22	48	3
14VV5A0363	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	25	52	3
14VV5A0363	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	29	48	3
14VV5A0363	RT4103L	SIMULATION LAB	24	49	2
14VV5A0363	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
14VV5A0364	RT41031	AUTOMOBILE ENGINEERING	19	40	3
14VV5A0364	RT41032	CAD/CAM	24	34	3
14VV5A0364	RT41033	FINITE ELEMENT METHODS	18	38	3
14VV5A0364	RT41034	UNCONVENTIONAL MACHINING PROCESSES	19	41	3
14VV5A0364	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	18	37	3
14VV5A0364	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	23	33	3
14VV5A0364	RT4103L	SIMULATION LAB	23	46	2
14VV5A0364	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
14VV5A0365	RT41031	AUTOMOBILE ENGINEERING	14	34	3
14VV5A0365	RT41032	CAD/CAM	23	45	3
14VV5A0365	RT41033	FINITE ELEMENT METHODS	21	46	3
14VV5A0365	RT41034	UNCONVENTIONAL MACHINING PROCESSES	18	40	3
14VV5A0365	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	20	41	3
14VV5A0365	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	17	39	3
14VV5A0365	RT4103L	SIMULATION LAB	23	47	2
14VV5A0365	RT4103M	DESIGN/FABRICATION PROJECT	45	0	1
14VV5A0366	RT41031	AUTOMOBILE ENGINEERING	22	45	3
14VV5A0366	RT41032	CAD/CAM	26	48	3
14VV5A0366	RT41033	FINITE ELEMENT METHODS	26	49	3
14VV5A0366	RT41034	UNCONVENTIONAL MACHINING PROCESSES	20	41	3
14VV5A0366	RT41035	MICRO ELECTRO MECHANICAL SYSTEMS	29	37	3
14VV5A0366	RT4103B	ADVANCED COMPUTER AIDED ENGINEERING	25	47	3
14VV5A0366	RT4103L	SIMULATION LAB	24	47	2
14VV5A0366	RT4103M	DESIGN/FABRICATION PROJECT	49	0	1
14VV5A0461	RT41041	VLSI DESIGN	25	36	3
14VV5A0461	RT41042	COMPUTER NETWORKS	25	36	3
14VV5A0461	RT41043	DIGITAL IMAGE PROCESSING	20	51	3
14VV5A0461	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	23	34	3
14VV5A0461	RT41048	RADAR SYSTEMS	29	49	3

Htno	Subcode	Subname	Internal	External	CREDITS
14VV5A0461	RT4104A	OPTICAL COMMUNICATION	24	48	3
14VV5A0461	RT4104L	VLSI DESIGN LAB	22	45	2
14VV5A0461	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
14VV5A0462	RT41041	VLSI DESIGN	25	56	3
14VV5A0462	RT41042	COMPUTER NETWORKS	26	28	3
14VV5A0462	RT41043	DIGITAL IMAGE PROCESSING	20	50	3
14VV5A0462	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	31	3
14VV5A0462	RT41048	RADAR SYSTEMS	27	57	3
14VV5A0462	RT4104A	OPTICAL COMMUNICATION	24	47	3
14VV5A0462	RT4104L	VLSI DESIGN LAB	21	45	2
14VV5A0462	RT4104M	MICROWAVE ENGINEERING LAB	22	42	2
14VV5A0463	RT41041	VLSI DESIGN	27	50	3
14VV5A0463	RT41042	COMPUTER NETWORKS	28	30	3
14VV5A0463	RT41043	DIGITAL IMAGE PROCESSING	20	30	3
14VV5A0463	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	25	33	3
14VV5A0463	RT41048	RADAR SYSTEMS	27	52	3
14VV5A0463	RT4104A	OPTICAL COMMUNICATION	26	54	3
14VV5A0463	RT4104L	VLSI DESIGN LAB	20	42	2
14VV5A0463	RT4104M	MICROWAVE ENGINEERING LAB	21	39	2
14VV5A0464	RT41041	VLSI DESIGN	26	55	3
14VV5A0464	RT41042	COMPUTER NETWORKS	29	40	3
14VV5A0464	RT41043	DIGITAL IMAGE PROCESSING	24	50	3
14VV5A0464	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	24	37	3
14VV5A0464	RT41048	RADAR SYSTEMS	28	41	3
14VV5A0464	RT4104A	OPTICAL COMMUNICATION	26	45	3
14VV5A0464	RT4104L	VLSI DESIGN LAB	22	43	2
14VV5A0464	RT4104M	MICROWAVE ENGINEERING LAB	23	43	2
14VV5A0465	RT41041	VLSI DESIGN	25	49	3
14VV5A0465	RT41042	COMPUTER NETWORKS	27	40	3
14VV5A0465	RT41043	DIGITAL IMAGE PROCESSING	23	51	3
14VV5A0465	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	33	3
14VV5A0465	RT41048	RADAR SYSTEMS	26	44	3
14VV5A0465	RT4104A	OPTICAL COMMUNICATION	26	55	3
14VV5A0465	RT4104L	VLSI DESIGN LAB	23	43	2
14VV5A0465	RT4104M	MICROWAVE ENGINEERING LAB	21	42	2
14VV5A0466	RT41041	VLSI DESIGN	19	26	3
14VV5A0466	RT41042	COMPUTER NETWORKS	16	24	3
14VV5A0466	RT41043	DIGITAL IMAGE PROCESSING	20	32	3
14VV5A0466	RT41044	COMPUTER ARCHITECTURE & ORGANIZATION	26	24	3
14VV5A0466	RT41048	RADAR SYSTEMS	26	40	3
14VV5A0466	RT4104A	OPTICAL COMMUNICATION	26	34	3
14VV5A0466	RT4104L	VLSI DESIGN LAB	21	42	2
14VV5A0466	RT4104M	MICROWAVE ENGINEERING LAB	20	40	2
14VV5A0561	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	44	3
14VV5A0561	RT41052	UML & DESIGN PATTERNS	28	52	3
14VV5A0561	RT41053	MOBILE COMPUTING	27	40	3
14VV5A0561	RT41057	ARTIFICIAL INTELLIGENCE	27	42	2
14VV5A0561	RT4105B	HADOOP AND BIG DATA	25	60	3
14VV5A0561	RT4105L	UML & DESIGN PATTERNS LAB	25	49	2
14VV5A0561	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	25	48	2
14VV5A0561	RT4105N	SOFTWARE TESTING LAB	25	48	2

Htno	Subcode	Subname	Internal	External	CREDITS
14VV5A0561	RT4105O	HADOOP & BIG DATA LAB	24	44	2
14VV5A0562	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	34	3
14VV5A0562	RT41052	UML & DESIGN PATTERNS	27	44	3
14VV5A0562	RT41053	MOBILE COMPUTING	25	33	3
14VV5A0562	RT41057	ARTIFICIAL INTELLIGENCE	23	39	2
14VV5A0562	RT4105B	HADOOP AND BIG DATA	18	50	3
14VV5A0562	RT4105L	UML & DESIGN PATTERNS LAB	25	45	2
14VV5A0562	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	48	2
14VV5A0562	RT4105N	SOFTWARE TESTING LAB	25	46	2
14VV5A0562	RT4105O	HADOOP & BIG DATA LAB	17	33	2
14VV5A0563	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	47	3
14VV5A0563	RT41052	UML & DESIGN PATTERNS	27	48	3
14VV5A0563	RT41053	MOBILE COMPUTING	24	35	3
14VV5A0563	RT41057	ARTIFICIAL INTELLIGENCE	23	37	2
14VV5A0563	RT4105B	HADOOP AND BIG DATA	19	51	3
14VV5A0563	RT4105L	UML & DESIGN PATTERNS LAB	25	45	2
14VV5A0563	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	47	2
14VV5A0563	RT4105N	SOFTWARE TESTING LAB	24	45	2
14VV5A0563	RT4105O	HADOOP & BIG DATA LAB	21	40	2
14VV5A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	37	3
14VV5A0564	RT41052	UML & DESIGN PATTERNS	28	53	3
14VV5A0564	RT41053	MOBILE COMPUTING	24	36	3
14VV5A0564	RT41057	ARTIFICIAL INTELLIGENCE	23	49	2
14VV5A0564	RT4105B	HADOOP AND BIG DATA	25	48	3
14VV5A0564	RT4105L	UML & DESIGN PATTERNS LAB	25	47	2
14VV5A0564	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	23	46	2
14VV5A0564	RT4105N	SOFTWARE TESTING LAB	25	47	2
14VV5A0564	RT4105O	HADOOP & BIG DATA LAB	19	30	2
14VV5A0565	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	38	3
14VV5A0565	RT41052	UML & DESIGN PATTERNS	26	46	3
14VV5A0565	RT41053	MOBILE COMPUTING	24	41	3
14VV5A0565	RT41057	ARTIFICIAL INTELLIGENCE	23	39	2
14VV5A0565	RT4105B	HADOOP AND BIG DATA	23	50	3
14VV5A0565	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
14VV5A0565	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
14VV5A0565	RT4105N	SOFTWARE TESTING LAB	24	45	2
14VV5A0565	RT4105O	HADOOP & BIG DATA LAB	23	30	2
14VV5A0566	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	11	32	3
14VV5A0566	RT41052	UML & DESIGN PATTERNS	24	41	3
14VV5A0566	RT41053	MOBILE COMPUTING	24	18	0
14VV5A0566	RT41057	ARTIFICIAL INTELLIGENCE	23	31	2
14VV5A0566	RT4105B	HADOOP AND BIG DATA	18	37	3
14VV5A0566	RT4105L	UML & DESIGN PATTERNS LAB	25	40	2
14VV5A0566	RT4105M	MOBILE APPLICATION DEVELOPMENT LAB	22	44	2
14VV5A0566	RT4105N	SOFTWARE TESTING LAB	24	45	2
14VV5A0566	RT4105O	HADOOP & BIG DATA LAB	21	29	2
14VV5A1261	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	44	3
14VV5A1261	RT41052	UML & DESIGN PATTERNS	22	51	3
14VV5A1261	RT41053	MOBILE COMPUTING	22	44	3
14VV5A1261	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	44	3
14VV5A1261	RT4105B	HADOOP AND BIG DATA	26	41	3

Htno	Subcode	Subname	Internal	External	CREDITS
14VV5A1261	RT4112L	UML & DESIGN PATTERNS LAB	21	41	2
14VV5A1261	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
14VV5A1261	RT4112N	SOFTWARE ENGINEERING LAB	21	42	2
14VV5A1261	RT4112O	HADOOP & BIG DATA LAB	22	40	2
14VV5A1262	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	39	3
14VV5A1262	RT41052	UML & DESIGN PATTERNS	22	50	3
14VV5A1262	RT41053	MOBILE COMPUTING	22	42	3
14VV5A1262	RT41056	INFORMATION RETRIEVAL SYSTEMS	24	44	3
14VV5A1262	RT4105B	HADOOP AND BIG DATA	25	47	3
14VV5A1262	RT4112L	UML & DESIGN PATTERNS LAB	21	41	2
14VV5A1262	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
14VV5A1262	RT4112N	SOFTWARE ENGINEERING LAB	18	39	2
14VV5A1262	RT4112O	HADOOP & BIG DATA LAB	24	48	2
14VV5A1263	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	23	43	3
14VV5A1263	RT41052	UML & DESIGN PATTERNS	23	44	3
14VV5A1263	RT41053	MOBILE COMPUTING	21	32	3
14VV5A1263	RT41056	INFORMATION RETRIEVAL SYSTEMS	21	48	3
14VV5A1263	RT4105B	HADOOP AND BIG DATA	20	41	3
14VV5A1263	RT4112L	UML & DESIGN PATTERNS LAB	22	43	2
14VV5A1263	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
14VV5A1263	RT4112N	SOFTWARE ENGINEERING LAB	18	40	2
14VV5A1263	RT4112O	HADOOP & BIG DATA LAB	22	44	2
14VV5A1264	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	41	3
14VV5A1264	RT41052	UML & DESIGN PATTERNS	23	52	3
14VV5A1264	RT41053	MOBILE COMPUTING	22	39	3
14VV5A1264	RT41056	INFORMATION RETRIEVAL SYSTEMS	23	44	3
14VV5A1264	RT4105B	HADOOP AND BIG DATA	25	44	3
14VV5A1264	RT4112L	UML & DESIGN PATTERNS LAB	22	43	2
14VV5A1264	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	44	2
14VV5A1264	RT4112N	SOFTWARE ENGINEERING LAB	18	38	2
14VV5A1264	RT4112O	HADOOP & BIG DATA LAB	22	44	2
14VV5A1265	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	41	3
14VV5A1265	RT41052	UML & DESIGN PATTERNS	25	48	3
14VV5A1265	RT41053	MOBILE COMPUTING	24	27	3
14VV5A1265	RT41056	INFORMATION RETRIEVAL SYSTEMS	22	48	3
14VV5A1265	RT4105B	HADOOP AND BIG DATA	25	45	3
14VV5A1265	RT4112L	UML & DESIGN PATTERNS LAB	24	44	2
14VV5A1265	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
14VV5A1265	RT4112N	SOFTWARE ENGINEERING LAB	21	45	2
14VV5A1265	RT4112O	HADOOP & BIG DATA LAB	24	44	2
14VV5A1266	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	27	40	3
14VV5A1266	RT41052	UML & DESIGN PATTERNS	24	51	3
14VV5A1266	RT41053	MOBILE COMPUTING	24	44	3
14VV5A1266	RT41056	INFORMATION RETRIEVAL SYSTEMS	25	42	3
14VV5A1266	RT4105B	HADOOP AND BIG DATA	25	45	3
14VV5A1266	RT4112L	UML & DESIGN PATTERNS LAB	23	43	2
14VV5A1266	RT4112M	MOBILE APPLICATION DEVELOPMENT LAB	24	46	2
14VV5A1266	RT4112N	SOFTWARE ENGINEERING LAB	24	48	2
14VV5A1266	RT4112O	HADOOP & BIG DATA LAB	23	45	2
14VV5A3131	MT4101	METAL FORMING & PRESS TOOLS	25	45	3
14VV5A3131	MT4102	ELECTRO METTALLURGY & CORROSION	23	46	3

Htno	Subcode	Subname	Internal	External	CREDITS
14VV5A3131	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	23	51	3
14VV5A3131	MT4104	POWDER METALLURGY	25	47	3
14VV5A3131	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	27	45	3
14VV5A3131	MT4108	LIGHT METALS AND ALLOYS	29	48	3
14VV5A3131	MT4111	METAL FORMING & PRESS TOOLS LAB	22	42	2
14VV5A3131	MT4112	ELECTRO METALLURGY AND CORROSION LAB	25	45	2
14VV5A3132	MT4101	METAL FORMING & PRESS TOOLS	26	52	3
14VV5A3132	MT4102	ELECTRO METTALLURGY & CORROSION	23	52	3
14VV5A3132	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	25	47	3
14VV5A3132	MT4104	POWDER METALLURGY	21	55	3
14VV5A3132	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	25	33	3
14VV5A3132	MT4108	LIGHT METALS AND ALLOYS	23	46	3
14VV5A3132	MT4111	METAL FORMING & PRESS TOOLS LAB	23	42	2
14VV5A3132	MT4112	ELECTRO METALLURGY AND CORROSION LAB	25	45	2
14VV5A3133	MT4101	METAL FORMING & PRESS TOOLS	27	52	3
14VV5A3133	MT4102	ELECTRO METTALLURGY & CORROSION	27	53	3
14VV5A3133	MT4103	COMPUTER APPLICATIONS IN METALLURGY & MA	21	42	3
14VV5A3133	MT4104	POWDER METALLURGY	24	48	3
14VV5A3133	MT4105	NON - CONVENTIONAL SOURCES OF ENERGY	24	36	3
14VV5A3133	MT4108	LIGHT METALS AND ALLOYS	26	44	3
14VV5A3133	MT4111	METAL FORMING & PRESS TOOLS LAB	21	40	2
14VV5A3133	MT4112	ELECTRO METALLURGY AND CORROSION LAB	23	45	2

****Note:1)For Recounting/Revaluation/Challenge By Revaluation Apply through WWW.JNTUKEXAMS.INFO only)**

****NOTE:2 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 15-02-2017]**

****NOTE:3 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]**

Date:07-02-2017

N. Mohan Rao
Controller of Examinations