



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of III B.Tech [R13,R10] I Semester Regular/Supplementary Examinations Nov-2015

College: JNTU KAKINADA UNIVERSITY COLLEGE OF ENGINEERING, VIZIANAGARAM:VV

Htno	Subcode	Subname	Internal	External	credits
10VV1A0444	EC316	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	21	47	4
11VV1A0357	R31031	FINITE ELEMENT METHODS	7	14	0
11VV1A0357	R31033	DYNAMICS OF MACHINERY	7	11	0
11VV1A0357	R31034	THERMAL ENGINEERING-II	11	13	0
12VV1A0208	R31027	ELECTRICAL MACHINES-II LAB	22	43	2
12VV1A0210	R31022	ELECTRICAL MEASUREMENT	21	32	4
12VV1A0210	R31025	ELECTRICAL MACHINES-III	13	13	0
12VV1A0210	R31026	LINEAR & DIGITAL IC APPLICATION	8	-1	0
12VV1A0227	R31022	ELECTRICAL MEASUREMENT	16	10	0
12VV1A0227	R31024	POWER ELECTRONICS	6	-1	0
12VV1A0227	R31026	LINEAR & DIGITAL IC APPLICATION	12	-1	0
12VV1A0227	R31027	ELECTRICAL MACHINES-II LAB	19	25	2
12VV1A0243	R31022	ELECTRICAL MEASUREMENT	18	43	4
12VV1A0248	R31021	COMPLEX VARIABLES AND STATISTICAL METHODS	11	35	4
12VV1A0306	R31031	FINITE ELEMENT METHODS	7	2	0
12VV1A0306	R31034	THERMAL ENGINEERING-II	14	5	0
12VV1A0319	R31033	DYNAMICS OF MACHINERY	16	14	0
12VV1A0326	R31031	FINITE ELEMENT METHODS	4	2	0
12VV1A0326	R31034	THERMAL ENGINEERING-II	9	1	0
12VV1A0355	R31031	FINITE ELEMENT METHODS	8	36	4
12VV1A0506	R31053	ADVANCED DATA STRUCTURES	13	26	0
12VV1A0506	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	11	45	2
12VV1A0506	R31058	ADVANCED DATA STRUCTURES LAB	10	24	2
12VV1A0517	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	17	37	2
12VV1A0519	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	17	36	2
12VV1A0523	PT31051	ADVANCED DATA STRUCTURES	24	29	3
12VV1A0523	PT31052	OBJECT ORIENTED PROGRAMMING THROUGH C++	28	45	3
12VV1A0523	PT31053	ADVANCED DATA STRUCTURES LAB	23	35	2
12VV1A0523	RT31051	COMPILER DESIGN	18	40	3
12VV1A0523	RT31052	DATA COMMUNICATION	22	42	3
12VV1A0523	RT31055	OPERATING SYSTEMS	16	43	3
12VV1A0523	RT31056	COMPILER DESIGN LAB	12	19	2
12VV1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	32	2
12VV1A0523	RT31059	SEMINAR	40	0	1
12VV1A0526	R31053	ADVANCED DATA STRUCTURES	9	40	4
12VV1A0526	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	11	27	2
12VV1A0551	R31057	OPERATING SYSTEMS AND COMPILER DESIGN LAB	14	43	2
12VV1A1222	R31128	ADVANCED DATA STRUCTURES LAB	19	38	2
12VV1A3121	MT311	INDUSTRIAL MANAGEMENT	15	40	3
12VV1A3121	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	18	34	3
12VV1A3121	MT313	FUELS FURNACES AND REFRACTORIES	24	40	3
12VV1A3121	MT314	FOUNDRY TECHNOLOGY	3	37	3
12VV1A3121	MT315	IRON PRODUCTION	7	48	3
12VV1A3121	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	42	3

Htno	Subcode	Subname	Internal	External	credits
12VV1A3121	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	41	2
12VV1A3121	MT318	FOUNDRY TECHNOLOGY LAB	15	38	2
13VV1A0101	RT31011	GEOTECHNICAL ENGINEERING-I	21	25	3
13VV1A0101	RT31012	STRUCTURAL ANALYSIS-II	26	40	3
13VV1A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	19	24	3
13VV1A0101	RT31014	ENGINEERING GEOLOGY	24	53	3
13VV1A0101	RT31015	TRANSPORTATION ENGINEERING-I	21	30	3
13VV1A0101	RT31016	IPR & PATENTS	24	51	2
13VV1A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	16	43	2
13VV1A0101	RT31018	ENGINEERING GEOLOGY LAB	22	40	2
13VV1A0102	RT31011	GEOTECHNICAL ENGINEERING-I	29	45	3
13VV1A0102	RT31012	STRUCTURAL ANALYSIS-II	28	35	3
13VV1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	44	3
13VV1A0102	RT31014	ENGINEERING GEOLOGY	28	46	3
13VV1A0102	RT31015	TRANSPORTATION ENGINEERING-I	27	39	3
13VV1A0102	RT31016	IPR & PATENTS	29	51	2
13VV1A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	24	50	2
13VV1A0102	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13VV1A0103	RT31011	GEOTECHNICAL ENGINEERING-I	26	28	3
13VV1A0103	RT31012	STRUCTURAL ANALYSIS-II	26	39	3
13VV1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	18	0
13VV1A0103	RT31014	ENGINEERING GEOLOGY	26	57	3
13VV1A0103	RT31015	TRANSPORTATION ENGINEERING-I	21	41	3
13VV1A0103	RT31016	IPR & PATENTS	26	50	2
13VV1A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	20	49	2
13VV1A0103	RT31018	ENGINEERING GEOLOGY LAB	22	43	2
13VV1A0104	RT31011	GEOTECHNICAL ENGINEERING-I	29	32	3
13VV1A0104	RT31012	STRUCTURAL ANALYSIS-II	28	57	3
13VV1A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	31	3
13VV1A0104	RT31014	ENGINEERING GEOLOGY	25	50	3
13VV1A0104	RT31015	TRANSPORTATION ENGINEERING-I	22	34	3
13VV1A0104	RT31016	IPR & PATENTS	26	48	2
13VV1A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
13VV1A0104	RT31018	ENGINEERING GEOLOGY LAB	22	42	2
13VV1A0105	RT31011	GEOTECHNICAL ENGINEERING-I	26	24	3
13VV1A0105	RT31012	STRUCTURAL ANALYSIS-II	24	32	3
13VV1A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	29	3
13VV1A0105	RT31014	ENGINEERING GEOLOGY	25	50	3
13VV1A0105	RT31015	TRANSPORTATION ENGINEERING-I	18	39	3
13VV1A0105	RT31016	IPR & PATENTS	26	42	2
13VV1A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	21	49	2
13VV1A0105	RT31018	ENGINEERING GEOLOGY LAB	22	41	2
13VV1A0106	RT31011	GEOTECHNICAL ENGINEERING-I	28	48	3
13VV1A0106	RT31012	STRUCTURAL ANALYSIS-II	26	56	3
13VV1A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	29	3
13VV1A0106	RT31014	ENGINEERING GEOLOGY	28	50	3
13VV1A0106	RT31015	TRANSPORTATION ENGINEERING-I	24	44	3
13VV1A0106	RT31016	IPR & PATENTS	26	45	2
13VV1A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	22	48	2
13VV1A0106	RT31018	ENGINEERING GEOLOGY LAB	24	46	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0107	RT31011	GEOTECHNICAL ENGINEERING-I	29	47	3
13VV1A0107	RT31012	STRUCTURAL ANALYSIS-II	30	45	3
13VV1A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	35	3
13VV1A0107	RT31014	ENGINEERING GEOLOGY	30	47	3
13VV1A0107	RT31015	TRANSPORTATION ENGINEERING-I	29	50	3
13VV1A0107	RT31016	IPR & PATENTS	29	45	2
13VV1A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	24	50	2
13VV1A0107	RT31018	ENGINEERING GEOLOGY LAB	25	50	2
13VV1A0108	RT31011	GEOTECHNICAL ENGINEERING-I	25	36	3
13VV1A0108	RT31012	STRUCTURAL ANALYSIS-II	28	52	3
13VV1A0108	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	50	3
13VV1A0108	RT31014	ENGINEERING GEOLOGY	28	57	3
13VV1A0108	RT31015	TRANSPORTATION ENGINEERING-I	27	42	3
13VV1A0108	RT31016	IPR & PATENTS	26	49	2
13VV1A0108	RT31017	GEOTECHNICAL ENGINEERING LAB	22	47	2
13VV1A0108	RT31018	ENGINEERING GEOLOGY LAB	25	45	2
13VV1A0109	RT31011	GEOTECHNICAL ENGINEERING-I	26	35	3
13VV1A0109	RT31012	STRUCTURAL ANALYSIS-II	24	35	3
13VV1A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	35	3
13VV1A0109	RT31014	ENGINEERING GEOLOGY	26	60	3
13VV1A0109	RT31015	TRANSPORTATION ENGINEERING-I	24	46	3
13VV1A0109	RT31016	IPR & PATENTS	28	50	2
13VV1A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	20	45	2
13VV1A0109	RT31018	ENGINEERING GEOLOGY LAB	23	41	2
13VV1A0110	RT31011	GEOTECHNICAL ENGINEERING-I	28	28	3
13VV1A0110	RT31012	STRUCTURAL ANALYSIS-II	22	34	3
13VV1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	35	3
13VV1A0110	RT31014	ENGINEERING GEOLOGY	23	42	3
13VV1A0110	RT31015	TRANSPORTATION ENGINEERING-I	22	31	3
13VV1A0110	RT31016	IPR & PATENTS	26	48	2
13VV1A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
13VV1A0110	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13VV1A0111	RT31011	GEOTECHNICAL ENGINEERING-I	26	24	3
13VV1A0111	RT31012	STRUCTURAL ANALYSIS-II	24	33	3
13VV1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	26	3
13VV1A0111	RT31014	ENGINEERING GEOLOGY	24	49	3
13VV1A0111	RT31015	TRANSPORTATION ENGINEERING-I	26	38	3
13VV1A0111	RT31016	IPR & PATENTS	29	45	2
13VV1A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
13VV1A0111	RT31018	ENGINEERING GEOLOGY LAB	24	43	2
13VV1A0112	RT31011	GEOTECHNICAL ENGINEERING-I	29	42	3
13VV1A0112	RT31012	STRUCTURAL ANALYSIS-II	26	43	3
13VV1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	53	3
13VV1A0112	RT31014	ENGINEERING GEOLOGY	27	55	3
13VV1A0112	RT31015	TRANSPORTATION ENGINEERING-I	27	50	3
13VV1A0112	RT31016	IPR & PATENTS	29	49	2
13VV1A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	24	50	2
13VV1A0112	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
13VV1A0113	RT31011	GEOTECHNICAL ENGINEERING-I	24	25	3
13VV1A0113	RT31012	STRUCTURAL ANALYSIS-II	22	29	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	49	3
13VV1A0113	RT31014	ENGINEERING GEOLOGY	22	46	3
13VV1A0113	RT31015	TRANSPORTATION ENGINEERING-I	25	28	3
13VV1A0113	RT31016	IPR & PATENTS	24	44	2
13VV1A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	20	48	2
13VV1A0113	RT31018	ENGINEERING GEOLOGY LAB	22	41	2
13VV1A0114	RT31011	GEOTECHNICAL ENGINEERING-I	27	40	3
13VV1A0114	RT31012	STRUCTURAL ANALYSIS-II	26	40	3
13VV1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	43	3
13VV1A0114	RT31014	ENGINEERING GEOLOGY	23	57	3
13VV1A0114	RT31015	TRANSPORTATION ENGINEERING-I	24	45	3
13VV1A0114	RT31016	IPR & PATENTS	28	49	2
13VV1A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
13VV1A0114	RT31018	ENGINEERING GEOLOGY LAB	22	41	2
13VV1A0115	RT31011	GEOTECHNICAL ENGINEERING-I	28	39	3
13VV1A0115	RT31012	STRUCTURAL ANALYSIS-II	26	36	3
13VV1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	47	3
13VV1A0115	RT31014	ENGINEERING GEOLOGY	28	56	3
13VV1A0115	RT31015	TRANSPORTATION ENGINEERING-I	25	40	3
13VV1A0115	RT31016	IPR & PATENTS	28	44	2
13VV1A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	23	46	2
13VV1A0115	RT31018	ENGINEERING GEOLOGY LAB	24	45	2
13VV1A0116	RT31011	GEOTECHNICAL ENGINEERING-I	24	28	3
13VV1A0116	RT31012	STRUCTURAL ANALYSIS-II	24	32	3
13VV1A0116	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	25	3
13VV1A0116	RT31014	ENGINEERING GEOLOGY	26	37	3
13VV1A0116	RT31015	TRANSPORTATION ENGINEERING-I	22	33	3
13VV1A0116	RT31016	IPR & PATENTS	27	44	2
13VV1A0116	RT31017	GEOTECHNICAL ENGINEERING LAB	20	45	2
13VV1A0116	RT31018	ENGINEERING GEOLOGY LAB	23	41	2
13VV1A0117	RT31011	GEOTECHNICAL ENGINEERING-I	29	40	3
13VV1A0117	RT31012	STRUCTURAL ANALYSIS-II	30	39	3
13VV1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	45	3
13VV1A0117	RT31014	ENGINEERING GEOLOGY	26	48	3
13VV1A0117	RT31015	TRANSPORTATION ENGINEERING-I	24	36	3
13VV1A0117	RT31016	IPR & PATENTS	29	49	2
13VV1A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
13VV1A0117	RT31018	ENGINEERING GEOLOGY LAB	23	44	2
13VV1A0118	RT31011	GEOTECHNICAL ENGINEERING-I	26	28	3
13VV1A0118	RT31012	STRUCTURAL ANALYSIS-II	26	31	3
13VV1A0118	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	31	3
13VV1A0118	RT31014	ENGINEERING GEOLOGY	22	46	3
13VV1A0118	RT31015	TRANSPORTATION ENGINEERING-I	23	38	3
13VV1A0118	RT31016	IPR & PATENTS	25	43	2
13VV1A0118	RT31017	GEOTECHNICAL ENGINEERING LAB	20	43	2
13VV1A0118	RT31018	ENGINEERING GEOLOGY LAB	23	40	2
13VV1A0119	RT31011	GEOTECHNICAL ENGINEERING-I	25	24	3
13VV1A0119	RT31012	STRUCTURAL ANALYSIS-II	20	31	3
13VV1A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	51	3
13VV1A0119	RT31014	ENGINEERING GEOLOGY	24	47	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0119	RT31015	TRANSPORTATION ENGINEERING-I	22	31	3
13VV1A0119	RT31016	IPR & PATENTS	29	46	2
13VV1A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	21	45	2
13VV1A0119	RT31018	ENGINEERING GEOLOGY LAB	22	42	2
13VV1A0120	RT31011	GEOTECHNICAL ENGINEERING-I	20	11	0
13VV1A0120	RT31012	STRUCTURAL ANALYSIS-II	20	26	3
13VV1A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	17	28	3
13VV1A0120	RT31014	ENGINEERING GEOLOGY	27	45	3
13VV1A0120	RT31015	TRANSPORTATION ENGINEERING-I	17	14	0
13VV1A0120	RT31016	IPR & PATENTS	28	47	2
13VV1A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	18	44	2
13VV1A0120	RT31018	ENGINEERING GEOLOGY LAB	23	42	2
13VV1A0121	RT31011	GEOTECHNICAL ENGINEERING-I	25	17	0
13VV1A0121	RT31012	STRUCTURAL ANALYSIS-II	24	39	3
13VV1A0121	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	42	3
13VV1A0121	RT31014	ENGINEERING GEOLOGY	26	56	3
13VV1A0121	RT31015	TRANSPORTATION ENGINEERING-I	24	32	3
13VV1A0121	RT31016	IPR & PATENTS	28	45	2
13VV1A0121	RT31017	GEOTECHNICAL ENGINEERING LAB	21	44	2
13VV1A0121	RT31018	ENGINEERING GEOLOGY LAB	22	40	2
13VV1A0122	RT31011	GEOTECHNICAL ENGINEERING-I	28	13	0
13VV1A0122	RT31012	STRUCTURAL ANALYSIS-II	20	34	3
13VV1A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	29	3
13VV1A0122	RT31014	ENGINEERING GEOLOGY	26	46	3
13VV1A0122	RT31015	TRANSPORTATION ENGINEERING-I	23	30	3
13VV1A0122	RT31016	IPR & PATENTS	23	49	2
13VV1A0122	RT31017	GEOTECHNICAL ENGINEERING LAB	23	49	2
13VV1A0122	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
13VV1A0123	RT31011	GEOTECHNICAL ENGINEERING-I	29	32	3
13VV1A0123	RT31012	STRUCTURAL ANALYSIS-II	26	60	3
13VV1A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	23	0
13VV1A0123	RT31014	ENGINEERING GEOLOGY	28	45	3
13VV1A0123	RT31015	TRANSPORTATION ENGINEERING-I	26	39	3
13VV1A0123	RT31016	IPR & PATENTS	27	47	2
13VV1A0123	RT31017	GEOTECHNICAL ENGINEERING LAB	25	50	2
13VV1A0123	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
13VV1A0124	RT31011	GEOTECHNICAL ENGINEERING-I	30	47	3
13VV1A0124	RT31012	STRUCTURAL ANALYSIS-II	28	47	3
13VV1A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	32	3
13VV1A0124	RT31014	ENGINEERING GEOLOGY	29	49	3
13VV1A0124	RT31015	TRANSPORTATION ENGINEERING-I	24	-1	0
13VV1A0124	RT31016	IPR & PATENTS	30	45	2
13VV1A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	25	50	2
13VV1A0124	RT31018	ENGINEERING GEOLOGY LAB	25	50	2
13VV1A0125	RT31011	GEOTECHNICAL ENGINEERING-I	24	17	0
13VV1A0125	RT31012	STRUCTURAL ANALYSIS-II	22	43	3
13VV1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	11	0
13VV1A0125	RT31014	ENGINEERING GEOLOGY	29	53	3
13VV1A0125	RT31015	TRANSPORTATION ENGINEERING-I	23	16	0
13VV1A0125	RT31016	IPR & PATENTS	24	48	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
13VV1A0125	RT31018	ENGINEERING GEOLOGY LAB	23	41	2
13VV1A0126	RT31011	GEOTECHNICAL ENGINEERING-I	23	27	3
13VV1A0126	RT31012	STRUCTURAL ANALYSIS-II	22	36	3
13VV1A0126	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	8	0
13VV1A0126	RT31014	ENGINEERING GEOLOGY	22	27	3
13VV1A0126	RT31015	TRANSPORTATION ENGINEERING-I	23	24	3
13VV1A0126	RT31016	IPR & PATENTS	24	7	0
13VV1A0126	RT31017	GEOTECHNICAL ENGINEERING LAB	20	44	2
13VV1A0126	RT31018	ENGINEERING GEOLOGY LAB	21	40	2
13VV1A0128	RT31011	GEOTECHNICAL ENGINEERING-I	24	35	3
13VV1A0128	RT31012	STRUCTURAL ANALYSIS-II	24	35	3
13VV1A0128	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	28	3
13VV1A0128	RT31014	ENGINEERING GEOLOGY	25	45	3
13VV1A0128	RT31015	TRANSPORTATION ENGINEERING-I	25	41	3
13VV1A0128	RT31016	IPR & PATENTS	26	42	2
13VV1A0128	RT31017	GEOTECHNICAL ENGINEERING LAB	21	46	2
13VV1A0128	RT31018	ENGINEERING GEOLOGY LAB	24	43	2
13VV1A0129	RT31011	GEOTECHNICAL ENGINEERING-I	25	35	3
13VV1A0129	RT31012	STRUCTURAL ANALYSIS-II	28	26	3
13VV1A0129	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	35	3
13VV1A0129	RT31014	ENGINEERING GEOLOGY	21	38	3
13VV1A0129	RT31015	TRANSPORTATION ENGINEERING-I	24	38	3
13VV1A0129	RT31016	IPR & PATENTS	27	49	2
13VV1A0129	RT31017	GEOTECHNICAL ENGINEERING LAB	21	49	2
13VV1A0129	RT31018	ENGINEERING GEOLOGY LAB	21	43	2
13VV1A0130	RT31011	GEOTECHNICAL ENGINEERING-I	28	29	3
13VV1A0130	RT31012	STRUCTURAL ANALYSIS-II	26	39	3
13VV1A0130	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	34	3
13VV1A0130	RT31014	ENGINEERING GEOLOGY	23	40	3
13VV1A0130	RT31015	TRANSPORTATION ENGINEERING-I	19	31	3
13VV1A0130	RT31016	IPR & PATENTS	27	46	2
13VV1A0130	RT31017	GEOTECHNICAL ENGINEERING LAB	22	48	2
13VV1A0130	RT31018	ENGINEERING GEOLOGY LAB	22	42	2
13VV1A0201	RT31016	IPR & PATENTS	30	47	2
13VV1A0201	RT31021	ELECTRICAL MEASUREMENTS	27	63	3
13VV1A0201	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	58	3
13VV1A0201	RT31023	POWER SYSTEMS-II	28	53	3
13VV1A0201	RT31024	ELECTRICAL MACHINES-III	27	58	3
13VV1A0201	RT31025	POWER ELECTRONICS	26	47	3
13VV1A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	48	3
13VV1A0201	RT31027	ELECTRICAL MACHINES-II LAB	23	44	2
13VV1A0201	RT31028	CONTROL SYSTEMS LAB	23	32	2
13VV1A0202	RT31016	IPR & PATENTS	23	42	2
13VV1A0202	RT31021	ELECTRICAL MEASUREMENTS	23	44	3
13VV1A0202	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	45	3
13VV1A0202	RT31023	POWER SYSTEMS-II	22	30	3
13VV1A0202	RT31024	ELECTRICAL MACHINES-III	16	50	3
13VV1A0202	RT31025	POWER ELECTRONICS	14	26	3
13VV1A0202	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	26	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0202	RT31027	ELECTRICAL MACHINES-II LAB	19	32	2
13VV1A0202	RT31028	CONTROL SYSTEMS LAB	20	30	2
13VV1A0203	RT31016	IPR & PATENTS	24	48	2
13VV1A0203	RT31021	ELECTRICAL MEASUREMENTS	23	44	3
13VV1A0203	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	36	3
13VV1A0203	RT31023	POWER SYSTEMS-II	22	36	3
13VV1A0203	RT31024	ELECTRICAL MACHINES-III	23	53	3
13VV1A0203	RT31025	POWER ELECTRONICS	16	33	3
13VV1A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	38	3
13VV1A0203	RT31027	ELECTRICAL MACHINES-II LAB	19	28	2
13VV1A0203	RT31028	CONTROL SYSTEMS LAB	21	40	2
13VV1A0204	RT31016	IPR & PATENTS	26	46	2
13VV1A0204	RT31021	ELECTRICAL MEASUREMENTS	22	49	3
13VV1A0204	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	56	3
13VV1A0204	RT31023	POWER SYSTEMS-II	23	37	3
13VV1A0204	RT31024	ELECTRICAL MACHINES-III	23	57	3
13VV1A0204	RT31025	POWER ELECTRONICS	18	44	3
13VV1A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	49	3
13VV1A0204	RT31027	ELECTRICAL MACHINES-II LAB	20	41	2
13VV1A0204	RT31028	CONTROL SYSTEMS LAB	22	41	2
13VV1A0205	RT31016	IPR & PATENTS	26	48	2
13VV1A0205	RT31021	ELECTRICAL MEASUREMENTS	24	50	3
13VV1A0205	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	52	3
13VV1A0205	RT31023	POWER SYSTEMS-II	20	33	3
13VV1A0205	RT31024	ELECTRICAL MACHINES-III	23	53	3
13VV1A0205	RT31025	POWER ELECTRONICS	17	50	3
13VV1A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	55	3
13VV1A0205	RT31027	ELECTRICAL MACHINES-II LAB	20	26	2
13VV1A0205	RT31028	CONTROL SYSTEMS LAB	22	34	2
13VV1A0206	RT31016	IPR & PATENTS	27	49	2
13VV1A0206	RT31021	ELECTRICAL MEASUREMENTS	22	52	3
13VV1A0206	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	54	3
13VV1A0206	RT31023	POWER SYSTEMS-II	23	38	3
13VV1A0206	RT31024	ELECTRICAL MACHINES-III	25	56	3
13VV1A0206	RT31025	POWER ELECTRONICS	20	48	3
13VV1A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	56	3
13VV1A0206	RT31027	ELECTRICAL MACHINES-II LAB	19	43	2
13VV1A0206	RT31028	CONTROL SYSTEMS LAB	22	34	2
13VV1A0207	RT31016	IPR & PATENTS	26	44	2
13VV1A0207	RT31021	ELECTRICAL MEASUREMENTS	24	44	3
13VV1A0207	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	62	3
13VV1A0207	RT31023	POWER SYSTEMS-II	22	35	3
13VV1A0207	RT31024	ELECTRICAL MACHINES-III	21	46	3
13VV1A0207	RT31025	POWER ELECTRONICS	18	46	3
13VV1A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	50	3
13VV1A0207	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2
13VV1A0207	RT31028	CONTROL SYSTEMS LAB	21	34	2
13VV1A0208	RT31016	IPR & PATENTS	24	51	2
13VV1A0208	RT31021	ELECTRICAL MEASUREMENTS	24	54	3
13VV1A0208	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	55	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0208	RT31023	POWER SYSTEMS-II	25	36	3
13VV1A0208	RT31024	ELECTRICAL MACHINES-III	24	54	3
13VV1A0208	RT31025	POWER ELECTRONICS	18	36	3
13VV1A0208	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	48	3
13VV1A0208	RT31027	ELECTRICAL MACHINES-II LAB	19	43	2
13VV1A0208	RT31028	CONTROL SYSTEMS LAB	22	36	2
13VV1A0209	RT31016	IPR & PATENTS	28	45	2
13VV1A0209	RT31021	ELECTRICAL MEASUREMENTS	24	50	3
13VV1A0209	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	59	3
13VV1A0209	RT31023	POWER SYSTEMS-II	24	54	3
13VV1A0209	RT31024	ELECTRICAL MACHINES-III	23	54	3
13VV1A0209	RT31025	POWER ELECTRONICS	20	42	3
13VV1A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	64	3
13VV1A0209	RT31027	ELECTRICAL MACHINES-II LAB	20	30	2
13VV1A0209	RT31028	CONTROL SYSTEMS LAB	21	36	2
13VV1A0210	RT31016	IPR & PATENTS	27	47	2
13VV1A0210	RT31021	ELECTRICAL MEASUREMENTS	20	34	3
13VV1A0210	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	45	3
13VV1A0210	RT31023	POWER SYSTEMS-II	22	26	3
13VV1A0210	RT31024	ELECTRICAL MACHINES-III	20	48	3
13VV1A0210	RT31025	POWER ELECTRONICS	15	35	3
13VV1A0210	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	41	3
13VV1A0210	RT31027	ELECTRICAL MACHINES-II LAB	22	36	2
13VV1A0210	RT31028	CONTROL SYSTEMS LAB	22	31	2
13VV1A0211	RT31016	IPR & PATENTS	28	46	2
13VV1A0211	RT31021	ELECTRICAL MEASUREMENTS	21	42	3
13VV1A0211	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	49	3
13VV1A0211	RT31023	POWER SYSTEMS-II	20	28	3
13VV1A0211	RT31024	ELECTRICAL MACHINES-III	20	59	3
13VV1A0211	RT31025	POWER ELECTRONICS	15	29	3
13VV1A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	43	3
13VV1A0211	RT31027	ELECTRICAL MACHINES-II LAB	19	32	2
13VV1A0211	RT31028	CONTROL SYSTEMS LAB	22	34	2
13VV1A0212	RT31016	IPR & PATENTS	24	44	2
13VV1A0212	RT31021	ELECTRICAL MEASUREMENTS	21	42	3
13VV1A0212	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	21	56	3
13VV1A0212	RT31023	POWER SYSTEMS-II	27	33	3
13VV1A0212	RT31024	ELECTRICAL MACHINES-III	22	47	3
13VV1A0212	RT31025	POWER ELECTRONICS	17	33	3
13VV1A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	35	3
13VV1A0212	RT31027	ELECTRICAL MACHINES-II LAB	19	36	2
13VV1A0212	RT31028	CONTROL SYSTEMS LAB	23	31	2
13VV1A0213	RT31016	IPR & PATENTS	24	46	2
13VV1A0213	RT31021	ELECTRICAL MEASUREMENTS	24	53	3
13VV1A0213	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	50	3
13VV1A0213	RT31023	POWER SYSTEMS-II	22	37	3
13VV1A0213	RT31024	ELECTRICAL MACHINES-III	25	47	3
13VV1A0213	RT31025	POWER ELECTRONICS	17	42	3
13VV1A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	49	3
13VV1A0213	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2



Htno	Subcode	Subname	Internal	External	credits
13VV1A0213	RT31028	CONTROL SYSTEMS LAB	21	39	2
13VV1A0214	RT31016	IPR & PATENTS	27	39	2
13VV1A0214	RT31021	ELECTRICAL MEASUREMENTS	24	52	3
13VV1A0214	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	47	3
13VV1A0214	RT31023	POWER SYSTEMS-II	24	29	3
13VV1A0214	RT31024	ELECTRICAL MACHINES-III	23	58	3
13VV1A0214	RT31025	POWER ELECTRONICS	21	43	3
13VV1A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	57	3
13VV1A0214	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2
13VV1A0214	RT31028	CONTROL SYSTEMS LAB	20	30	2
13VV1A0215	RT31016	IPR & PATENTS	27	48	2
13VV1A0215	RT31021	ELECTRICAL MEASUREMENTS	25	55	3
13VV1A0215	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	60	3
13VV1A0215	RT31023	POWER SYSTEMS-II	27	49	3
13VV1A0215	RT31024	ELECTRICAL MACHINES-III	27	58	3
13VV1A0215	RT31025	POWER ELECTRONICS	24	53	3
13VV1A0215	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	61	3
13VV1A0215	RT31027	ELECTRICAL MACHINES-II LAB	22	40	2
13VV1A0215	RT31028	CONTROL SYSTEMS LAB	23	42	2
13VV1A0218	RT31016	IPR & PATENTS	28	49	2
13VV1A0218	RT31021	ELECTRICAL MEASUREMENTS	23	56	3
13VV1A0218	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	63	3
13VV1A0218	RT31023	POWER SYSTEMS-II	27	43	3
13VV1A0218	RT31024	ELECTRICAL MACHINES-III	28	54	3
13VV1A0218	RT31025	POWER ELECTRONICS	24	52	3
13VV1A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	27	63	3
13VV1A0218	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2
13VV1A0218	RT31028	CONTROL SYSTEMS LAB	22	40	2
13VV1A0219	RT31016	IPR & PATENTS	29	48	2
13VV1A0219	RT31021	ELECTRICAL MEASUREMENTS	23	62	3
13VV1A0219	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	61	3
13VV1A0219	RT31023	POWER SYSTEMS-II	27	46	3
13VV1A0219	RT31024	ELECTRICAL MACHINES-III	28	50	3
13VV1A0219	RT31025	POWER ELECTRONICS	25	53	3
13VV1A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	66	3
13VV1A0219	RT31027	ELECTRICAL MACHINES-II LAB	24	43	2
13VV1A0219	RT31028	CONTROL SYSTEMS LAB	23	42	2
13VV1A0220	RT31016	IPR & PATENTS	27	47	2
13VV1A0220	RT31021	ELECTRICAL MEASUREMENTS	23	60	3
13VV1A0220	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	47	3
13VV1A0220	RT31023	POWER SYSTEMS-II	25	45	3
13VV1A0220	RT31024	ELECTRICAL MACHINES-III	25	51	3
13VV1A0220	RT31025	POWER ELECTRONICS	26	52	3
13VV1A0220	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	56	3
13VV1A0220	RT31027	ELECTRICAL MACHINES-II LAB	22	47	2
13VV1A0220	RT31028	CONTROL SYSTEMS LAB	21	34	2
13VV1A0221	RT31016	IPR & PATENTS	26	43	2
13VV1A0221	RT31021	ELECTRICAL MEASUREMENTS	20	28	3
13VV1A0221	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	49	3
13VV1A0221	RT31023	POWER SYSTEMS-II	21	27	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0221	RT31024	ELECTRICAL MACHINES-III	18	31	3
13VV1A0221	RT31025	POWER ELECTRONICS	16	26	3
13VV1A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	41	3
13VV1A0221	RT31027	ELECTRICAL MACHINES-II LAB	19	25	2
13VV1A0221	RT31028	CONTROL SYSTEMS LAB	21	34	2
13VV1A0222	RT31016	IPR & PATENTS	26	40	2
13VV1A0222	RT31021	ELECTRICAL MEASUREMENTS	24	47	3
13VV1A0222	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	50	3
13VV1A0222	RT31023	POWER SYSTEMS-II	21	34	3
13VV1A0222	RT31024	ELECTRICAL MACHINES-III	21	49	3
13VV1A0222	RT31025	POWER ELECTRONICS	16	35	3
13VV1A0222	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	41	3
13VV1A0222	RT31027	ELECTRICAL MACHINES-II LAB	22	37	2
13VV1A0222	RT31028	CONTROL SYSTEMS LAB	19	31	2
13VV1A0223	RT31016	IPR & PATENTS	29	40	2
13VV1A0223	RT31021	ELECTRICAL MEASUREMENTS	23	48	3
13VV1A0223	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	61	3
13VV1A0223	RT31023	POWER SYSTEMS-II	21	37	3
13VV1A0223	RT31024	ELECTRICAL MACHINES-III	25	52	3
13VV1A0223	RT31025	POWER ELECTRONICS	21	42	3
13VV1A0223	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	55	3
13VV1A0223	RT31027	ELECTRICAL MACHINES-II LAB	19	37	2
13VV1A0223	RT31028	CONTROL SYSTEMS LAB	21	35	2
13VV1A0224	RT31016	IPR & PATENTS	28	47	2
13VV1A0224	RT31021	ELECTRICAL MEASUREMENTS	26	50	3
13VV1A0224	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	53	3
13VV1A0224	RT31023	POWER SYSTEMS-II	26	52	3
13VV1A0224	RT31024	ELECTRICAL MACHINES-III	28	59	3
13VV1A0224	RT31025	POWER ELECTRONICS	20	53	3
13VV1A0224	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	53	3
13VV1A0224	RT31027	ELECTRICAL MACHINES-II LAB	23	38	2
13VV1A0224	RT31028	CONTROL SYSTEMS LAB	22	33	2
13VV1A0225	RT31016	IPR & PATENTS	27	39	2
13VV1A0225	RT31021	ELECTRICAL MEASUREMENTS	22	55	3
13VV1A0225	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	53	3
13VV1A0225	RT31023	POWER SYSTEMS-II	25	50	3
13VV1A0225	RT31024	ELECTRICAL MACHINES-III	25	58	3
13VV1A0225	RT31025	POWER ELECTRONICS	19	47	3
13VV1A0225	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	47	3
13VV1A0225	RT31027	ELECTRICAL MACHINES-II LAB	21	39	2
13VV1A0225	RT31028	CONTROL SYSTEMS LAB	23	35	2
13VV1A0226	RT31016	IPR & PATENTS	29	50	2
13VV1A0226	RT31021	ELECTRICAL MEASUREMENTS	25	51	3
13VV1A0226	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	57	3
13VV1A0226	RT31023	POWER SYSTEMS-II	22	51	3
13VV1A0226	RT31024	ELECTRICAL MACHINES-III	24	53	3
13VV1A0226	RT31025	POWER ELECTRONICS	21	54	3
13VV1A0226	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	61	3
13VV1A0226	RT31027	ELECTRICAL MACHINES-II LAB	19	38	2
13VV1A0226	RT31028	CONTROL SYSTEMS LAB	22	36	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0227	RT31016	IPR & PATENTS	29	49	2
13VV1A0227	RT31021	ELECTRICAL MEASUREMENTS	26	37	3
13VV1A0227	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	49	3
13VV1A0227	RT31023	POWER SYSTEMS-II	21	34	3
13VV1A0227	RT31024	ELECTRICAL MACHINES-III	25	42	3
13VV1A0227	RT31025	POWER ELECTRONICS	19	40	3
13VV1A0227	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	54	3
13VV1A0227	RT31027	ELECTRICAL MACHINES-II LAB	21	36	2
13VV1A0227	RT31028	CONTROL SYSTEMS LAB	22	37	2
13VV1A0229	RT31016	IPR & PATENTS	27	47	2
13VV1A0229	RT31021	ELECTRICAL MEASUREMENTS	23	54	3
13VV1A0229	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	51	3
13VV1A0229	RT31023	POWER SYSTEMS-II	25	44	3
13VV1A0229	RT31024	ELECTRICAL MACHINES-III	26	53	3
13VV1A0229	RT31025	POWER ELECTRONICS	22	45	3
13VV1A0229	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	62	3
13VV1A0229	RT31027	ELECTRICAL MACHINES-II LAB	21	34	2
13VV1A0229	RT31028	CONTROL SYSTEMS LAB	22	32	2
13VV1A0230	RT31016	IPR & PATENTS	27	46	2
13VV1A0230	RT31021	ELECTRICAL MEASUREMENTS	22	53	3
13VV1A0230	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	59	3
13VV1A0230	RT31023	POWER SYSTEMS-II	22	35	3
13VV1A0230	RT31024	ELECTRICAL MACHINES-III	20	55	3
13VV1A0230	RT31025	POWER ELECTRONICS	25	54	3
13VV1A0230	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	60	3
13VV1A0230	RT31027	ELECTRICAL MACHINES-II LAB	22	33	2
13VV1A0230	RT31028	CONTROL SYSTEMS LAB	23	31	2
13VV1A0231	RT31016	IPR & PATENTS	29	45	2
13VV1A0231	RT31021	ELECTRICAL MEASUREMENTS	23	54	3
13VV1A0231	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	57	3
13VV1A0231	RT31023	POWER SYSTEMS-II	27	36	3
13VV1A0231	RT31024	ELECTRICAL MACHINES-III	27	58	3
13VV1A0231	RT31025	POWER ELECTRONICS	26	53	3
13VV1A0231	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	41	3
13VV1A0231	RT31027	ELECTRICAL MACHINES-II LAB	22	39	2
13VV1A0231	RT31028	CONTROL SYSTEMS LAB	23	40	2
13VV1A0232	RT31016	IPR & PATENTS	28	42	2
13VV1A0232	RT31021	ELECTRICAL MEASUREMENTS	24	49	3
13VV1A0232	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	62	3
13VV1A0232	RT31023	POWER SYSTEMS-II	27	30	3
13VV1A0232	RT31024	ELECTRICAL MACHINES-III	23	53	3
13VV1A0232	RT31025	POWER ELECTRONICS	23	48	3
13VV1A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	45	3
13VV1A0232	RT31027	ELECTRICAL MACHINES-II LAB	21	34	2
13VV1A0232	RT31028	CONTROL SYSTEMS LAB	23	30	2
13VV1A0233	RT31016	IPR & PATENTS	27	44	2
13VV1A0233	RT31021	ELECTRICAL MEASUREMENTS	23	39	3
13VV1A0233	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	22	57	3
13VV1A0233	RT31023	POWER SYSTEMS-II	23	34	3
13VV1A0233	RT31024	ELECTRICAL MACHINES-III	24	47	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0233	RT31025	POWER ELECTRONICS	21	46	3
13VV1A0233	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	50	3
13VV1A0233	RT31027	ELECTRICAL MACHINES-II LAB	22	38	2
13VV1A0233	RT31028	CONTROL SYSTEMS LAB	23	30	2
13VV1A0234	RT31016	IPR & PATENTS	24	43	2
13VV1A0234	RT31021	ELECTRICAL MEASUREMENTS	24	45	3
13VV1A0234	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	50	3
13VV1A0234	RT31023	POWER SYSTEMS-II	23	29	3
13VV1A0234	RT31024	ELECTRICAL MACHINES-III	22	45	3
13VV1A0234	RT31025	POWER ELECTRONICS	18	46	3
13VV1A0234	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	30	3
13VV1A0234	RT31027	ELECTRICAL MACHINES-II LAB	20	38	2
13VV1A0234	RT31028	CONTROL SYSTEMS LAB	21	39	2
13VV1A0235	RT31016	IPR & PATENTS	27	47	2
13VV1A0235	RT31021	ELECTRICAL MEASUREMENTS	25	58	3
13VV1A0235	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	52	3
13VV1A0235	RT31023	POWER SYSTEMS-II	22	39	3
13VV1A0235	RT31024	ELECTRICAL MACHINES-III	26	51	3
13VV1A0235	RT31025	POWER ELECTRONICS	24	53	3
13VV1A0235	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	57	3
13VV1A0235	RT31027	ELECTRICAL MACHINES-II LAB	22	41	2
13VV1A0235	RT31028	CONTROL SYSTEMS LAB	20	43	2
13VV1A0236	RT31016	IPR & PATENTS	19	38	2
13VV1A0236	RT31021	ELECTRICAL MEASUREMENTS	20	36	3
13VV1A0236	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	16	49	3
13VV1A0236	RT31023	POWER SYSTEMS-II	24	26	3
13VV1A0236	RT31024	ELECTRICAL MACHINES-III	13	45	3
13VV1A0236	RT31025	POWER ELECTRONICS	18	36	3
13VV1A0236	RT31026	LINEAR & DIGITAL IC APPLICATIONS	12	37	3
13VV1A0236	RT31027	ELECTRICAL MACHINES-II LAB	21	41	2
13VV1A0236	RT31028	CONTROL SYSTEMS LAB	20	42	2
13VV1A0237	RT31016	IPR & PATENTS	28	45	2
13VV1A0237	RT31021	ELECTRICAL MEASUREMENTS	24	35	3
13VV1A0237	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	21	45	3
13VV1A0237	RT31023	POWER SYSTEMS-II	19	30	3
13VV1A0237	RT31024	ELECTRICAL MACHINES-III	20	34	3
13VV1A0237	RT31025	POWER ELECTRONICS	16	37	3
13VV1A0237	RT31026	LINEAR & DIGITAL IC APPLICATIONS	11	47	3
13VV1A0237	RT31027	ELECTRICAL MACHINES-II LAB	20	39	2
13VV1A0237	RT31028	CONTROL SYSTEMS LAB	22	33	2
13VV1A0238	RT31016	IPR & PATENTS	28	31	2
13VV1A0238	RT31021	ELECTRICAL MEASUREMENTS	24	56	3
13VV1A0238	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	22	55	3
13VV1A0238	RT31023	POWER SYSTEMS-II	25	41	3
13VV1A0238	RT31024	ELECTRICAL MACHINES-III	19	53	3
13VV1A0238	RT31025	POWER ELECTRONICS	17	58	3
13VV1A0238	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	49	3
13VV1A0238	RT31027	ELECTRICAL MACHINES-II LAB	25	46	2
13VV1A0238	RT31028	CONTROL SYSTEMS LAB	22	39	2
13VV1A0239	RT31016	IPR & PATENTS	22	43	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0239	RT31021	ELECTRICAL MEASUREMENTS	22	45	3
13VV1A0239	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	22	49	3
13VV1A0239	RT31023	POWER SYSTEMS-II	18	30	3
13VV1A0239	RT31024	ELECTRICAL MACHINES-III	14	49	3
13VV1A0239	RT31025	POWER ELECTRONICS	17	42	3
13VV1A0239	RT31026	LINEAR & DIGITAL IC APPLICATIONS	14	31	3
13VV1A0239	RT31027	ELECTRICAL MACHINES-II LAB	17	40	2
13VV1A0239	RT31028	CONTROL SYSTEMS LAB	22	31	2
13VV1A0240	RT31016	IPR & PATENTS	24	47	2
13VV1A0240	RT31021	ELECTRICAL MEASUREMENTS	25	42	3
13VV1A0240	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	54	3
13VV1A0240	RT31023	POWER SYSTEMS-II	21	28	3
13VV1A0240	RT31024	ELECTRICAL MACHINES-III	19	50	3
13VV1A0240	RT31025	POWER ELECTRONICS	18	38	3
13VV1A0240	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	54	3
13VV1A0240	RT31027	ELECTRICAL MACHINES-II LAB	21	31	2
13VV1A0240	RT31028	CONTROL SYSTEMS LAB	21	34	2
13VV1A0241	RT31016	IPR & PATENTS	25	43	2
13VV1A0241	RT31021	ELECTRICAL MEASUREMENTS	20	56	3
13VV1A0241	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	19	52	3
13VV1A0241	RT31023	POWER SYSTEMS-II	14	31	3
13VV1A0241	RT31024	ELECTRICAL MACHINES-III	19	46	3
13VV1A0241	RT31025	POWER ELECTRONICS	11	35	3
13VV1A0241	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	35	3
13VV1A0241	RT31027	ELECTRICAL MACHINES-II LAB	21	43	2
13VV1A0241	RT31028	CONTROL SYSTEMS LAB	20	30	2
13VV1A0242	RT31016	IPR & PATENTS	23	41	2
13VV1A0242	RT31021	ELECTRICAL MEASUREMENTS	14	28	3
13VV1A0242	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	21	38	3
13VV1A0242	RT31023	POWER SYSTEMS-II	18	6	0
13VV1A0242	RT31024	ELECTRICAL MACHINES-III	13	17	0
13VV1A0242	RT31025	POWER ELECTRONICS	15	0	0
13VV1A0242	RT31026	LINEAR & DIGITAL IC APPLICATIONS	11	14	0
13VV1A0242	RT31027	ELECTRICAL MACHINES-II LAB	17	30	2
13VV1A0242	RT31028	CONTROL SYSTEMS LAB	20	25	2
13VV1A0243	RT31016	IPR & PATENTS	22	42	2
13VV1A0243	RT31021	ELECTRICAL MEASUREMENTS	15	59	3
13VV1A0243	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	43	3
13VV1A0243	RT31023	POWER SYSTEMS-II	20	26	3
13VV1A0243	RT31024	ELECTRICAL MACHINES-III	17	40	3
13VV1A0243	RT31025	POWER ELECTRONICS	15	35	3
13VV1A0243	RT31026	LINEAR & DIGITAL IC APPLICATIONS	13	28	3
13VV1A0243	RT31027	ELECTRICAL MACHINES-II LAB	21	38	2
13VV1A0243	RT31028	CONTROL SYSTEMS LAB	20	38	2
13VV1A0244	RT31016	IPR & PATENTS	27	42	2
13VV1A0244	RT31021	ELECTRICAL MEASUREMENTS	24	63	3
13VV1A0244	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	56	3
13VV1A0244	RT31023	POWER SYSTEMS-II	26	43	3
13VV1A0244	RT31024	ELECTRICAL MACHINES-III	25	61	3
13VV1A0244	RT31025	POWER ELECTRONICS	22	52	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0244	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	46	3
13VV1A0244	RT31027	ELECTRICAL MACHINES-II LAB	21	44	2
13VV1A0244	RT31028	CONTROL SYSTEMS LAB	22	37	2
13VV1A0245	RT31016	IPR & PATENTS	24	38	2
13VV1A0245	RT31021	ELECTRICAL MEASUREMENTS	21	25	3
13VV1A0245	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	18	53	3
13VV1A0245	RT31023	POWER SYSTEMS-II	17	29	3
13VV1A0245	RT31024	ELECTRICAL MACHINES-III	16	44	3
13VV1A0245	RT31025	POWER ELECTRONICS	21	25	3
13VV1A0245	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	35	3
13VV1A0245	RT31027	ELECTRICAL MACHINES-II LAB	21	25	2
13VV1A0245	RT31028	CONTROL SYSTEMS LAB	20	35	2
13VV1A0246	RT31016	IPR & PATENTS	29	49	2
13VV1A0246	RT31021	ELECTRICAL MEASUREMENTS	27	55	3
13VV1A0246	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	62	3
13VV1A0246	RT31023	POWER SYSTEMS-II	27	46	3
13VV1A0246	RT31024	ELECTRICAL MACHINES-III	25	58	3
13VV1A0246	RT31025	POWER ELECTRONICS	22	53	3
13VV1A0246	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	60	3
13VV1A0246	RT31027	ELECTRICAL MACHINES-II LAB	24	40	2
13VV1A0246	RT31028	CONTROL SYSTEMS LAB	22	44	2
13VV1A0247	RT31016	IPR & PATENTS	24	44	2
13VV1A0247	RT31021	ELECTRICAL MEASUREMENTS	22	48	3
13VV1A0247	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	48	3
13VV1A0247	RT31023	POWER SYSTEMS-II	28	28	3
13VV1A0247	RT31024	ELECTRICAL MACHINES-III	19	45	3
13VV1A0247	RT31025	POWER ELECTRONICS	18	47	3
13VV1A0247	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	40	3
13VV1A0247	RT31027	ELECTRICAL MACHINES-II LAB	22	33	2
13VV1A0247	RT31028	CONTROL SYSTEMS LAB	22	40	2
13VV1A0248	RT31016	IPR & PATENTS	25	49	2
13VV1A0248	RT31021	ELECTRICAL MEASUREMENTS	24	44	3
13VV1A0248	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	60	3
13VV1A0248	RT31023	POWER SYSTEMS-II	24	39	3
13VV1A0248	RT31024	ELECTRICAL MACHINES-III	24	49	3
13VV1A0248	RT31025	POWER ELECTRONICS	18	54	3
13VV1A0248	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	59	3
13VV1A0248	RT31027	ELECTRICAL MACHINES-II LAB	20	31	2
13VV1A0248	RT31028	CONTROL SYSTEMS LAB	23	36	2
13VV1A0249	RT31016	IPR & PATENTS	28	41	2
13VV1A0249	RT31021	ELECTRICAL MEASUREMENTS	22	39	3
13VV1A0249	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	58	3
13VV1A0249	RT31023	POWER SYSTEMS-II	24	32	3
13VV1A0249	RT31024	ELECTRICAL MACHINES-III	22	54	3
13VV1A0249	RT31025	POWER ELECTRONICS	14	38	3
13VV1A0249	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	57	3
13VV1A0249	RT31027	ELECTRICAL MACHINES-II LAB	21	37	2
13VV1A0249	RT31028	CONTROL SYSTEMS LAB	22	35	2
13VV1A0250	RT31016	IPR & PATENTS	28	41	2
13VV1A0250	RT31021	ELECTRICAL MEASUREMENTS	25	56	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0250	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	59	3
13VV1A0250	RT31023	POWER SYSTEMS-II	25	46	3
13VV1A0250	RT31024	ELECTRICAL MACHINES-III	26	52	3
13VV1A0250	RT31025	POWER ELECTRONICS	22	52	3
13VV1A0250	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	50	3
13VV1A0250	RT31027	ELECTRICAL MACHINES-II LAB	23	43	2
13VV1A0250	RT31028	CONTROL SYSTEMS LAB	24	42	2
13VV1A0251	RT31016	IPR & PATENTS	25	42	2
13VV1A0251	RT31021	ELECTRICAL MEASUREMENTS	18	31	3
13VV1A0251	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	54	3
13VV1A0251	RT31023	POWER SYSTEMS-II	24	32	3
13VV1A0251	RT31024	ELECTRICAL MACHINES-III	18	54	3
13VV1A0251	RT31025	POWER ELECTRONICS	17	40	3
13VV1A0251	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	45	3
13VV1A0251	RT31027	ELECTRICAL MACHINES-II LAB	20	30	2
13VV1A0251	RT31028	CONTROL SYSTEMS LAB	21	38	2
13VV1A0252	RT31016	IPR & PATENTS	24	45	2
13VV1A0252	RT31021	ELECTRICAL MEASUREMENTS	21	46	3
13VV1A0252	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	58	3
13VV1A0252	RT31023	POWER SYSTEMS-II	23	36	3
13VV1A0252	RT31024	ELECTRICAL MACHINES-III	21	50	3
13VV1A0252	RT31025	POWER ELECTRONICS	14	47	3
13VV1A0252	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	49	3
13VV1A0252	RT31027	ELECTRICAL MACHINES-II LAB	21	37	2
13VV1A0252	RT31028	CONTROL SYSTEMS LAB	22	39	2
13VV1A0253	RT31016	IPR & PATENTS	28	38	2
13VV1A0253	RT31021	ELECTRICAL MEASUREMENTS	19	30	3
13VV1A0253	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	37	3
13VV1A0253	RT31023	POWER SYSTEMS-II	17	30	3
13VV1A0253	RT31024	ELECTRICAL MACHINES-III	16	50	3
13VV1A0253	RT31025	POWER ELECTRONICS	18	33	3
13VV1A0253	RT31026	LINEAR & DIGITAL IC APPLICATIONS	12	17	0
13VV1A0253	RT31027	ELECTRICAL MACHINES-II LAB	20	32	2
13VV1A0253	RT31028	CONTROL SYSTEMS LAB	21	36	2
13VV1A0254	RT31016	IPR & PATENTS	28	47	2
13VV1A0254	RT31021	ELECTRICAL MEASUREMENTS	20	48	3
13VV1A0254	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	52	3
13VV1A0254	RT31023	POWER SYSTEMS-II	25	28	3
13VV1A0254	RT31024	ELECTRICAL MACHINES-III	25	58	3
13VV1A0254	RT31025	POWER ELECTRONICS	25	49	3
13VV1A0254	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	48	3
13VV1A0254	RT31027	ELECTRICAL MACHINES-II LAB	21	45	2
13VV1A0254	RT31028	CONTROL SYSTEMS LAB	22	41	2
13VV1A0255	RT31016	IPR & PATENTS	27	43	2
13VV1A0255	RT31021	ELECTRICAL MEASUREMENTS	23	41	3
13VV1A0255	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	44	3
13VV1A0255	RT31023	POWER SYSTEMS-II	19	35	3
13VV1A0255	RT31024	ELECTRICAL MACHINES-III	21	46	3
13VV1A0255	RT31025	POWER ELECTRONICS	14	37	3
13VV1A0255	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	34	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0255	RT31027	ELECTRICAL MACHINES-II LAB	19	16	0
13VV1A0255	RT31028	CONTROL SYSTEMS LAB	22	38	2
13VV1A0256	RT31016	IPR & PATENTS	24	45	2
13VV1A0256	RT31021	ELECTRICAL MEASUREMENTS	18	26	3
13VV1A0256	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	21	44	3
13VV1A0256	RT31023	POWER SYSTEMS-II	13	18	0
13VV1A0256	RT31024	ELECTRICAL MACHINES-III	13	41	3
13VV1A0256	RT31025	POWER ELECTRONICS	10	19	0
13VV1A0256	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	19	0
13VV1A0256	RT31027	ELECTRICAL MACHINES-II LAB	20	25	2
13VV1A0256	RT31028	CONTROL SYSTEMS LAB	21	33	2
13VV1A0257	RT31016	IPR & PATENTS	25	41	2
13VV1A0257	RT31021	ELECTRICAL MEASUREMENTS	18	24	3
13VV1A0257	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	22	32	3
13VV1A0257	RT31023	POWER SYSTEMS-II	13	8	0
13VV1A0257	RT31024	ELECTRICAL MACHINES-III	11	44	3
13VV1A0257	RT31025	POWER ELECTRONICS	10	3	0
13VV1A0257	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	38	3
13VV1A0257	RT31027	ELECTRICAL MACHINES-II LAB	19	26	2
13VV1A0257	RT31028	CONTROL SYSTEMS LAB	21	35	2
13VV1A0258	RT31016	IPR & PATENTS	25	33	2
13VV1A0258	RT31021	ELECTRICAL MEASUREMENTS	17	25	3
13VV1A0258	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	16	16	0
13VV1A0258	RT31023	POWER SYSTEMS-II	16	26	3
13VV1A0258	RT31024	ELECTRICAL MACHINES-III	14	14	0
13VV1A0258	RT31025	POWER ELECTRONICS	12	16	0
13VV1A0258	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	12	0
13VV1A0258	RT31027	ELECTRICAL MACHINES-II LAB	17	29	2
13VV1A0258	RT31028	CONTROL SYSTEMS LAB	21	26	2
13VV1A0259	RT31016	IPR & PATENTS	24	43	2
13VV1A0259	RT31021	ELECTRICAL MEASUREMENTS	26	43	3
13VV1A0259	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	51	3
13VV1A0259	RT31023	POWER SYSTEMS-II	23	37	3
13VV1A0259	RT31024	ELECTRICAL MACHINES-III	18	55	3
13VV1A0259	RT31025	POWER ELECTRONICS	21	42	3
13VV1A0259	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	52	3
13VV1A0259	RT31027	ELECTRICAL MACHINES-II LAB	21	39	2
13VV1A0259	RT31028	CONTROL SYSTEMS LAB	22	36	2
13VV1A0260	RT31016	IPR & PATENTS	23	41	2
13VV1A0260	RT31021	ELECTRICAL MEASUREMENTS	21	31	3
13VV1A0260	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	19	45	3
13VV1A0260	RT31023	POWER SYSTEMS-II	17	33	3
13VV1A0260	RT31024	ELECTRICAL MACHINES-III	17	46	3
13VV1A0260	RT31025	POWER ELECTRONICS	12	28	3
13VV1A0260	RT31026	LINEAR & DIGITAL IC APPLICATIONS	15	26	3
13VV1A0260	RT31027	ELECTRICAL MACHINES-II LAB	18	28	2
13VV1A0260	RT31028	CONTROL SYSTEMS LAB	22	31	2
13VV1A0301	RT31016	IPR & PATENTS	23	43	2
13VV1A0301	RT31031	DYNAMICS OF MACHINERY	18	36	3
13VV1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	23	49	3



Htno	Subcode	Subname	Internal	External	credits
13VV1A0301	RT31033	DESIGN OF MACHINE MEMBERS-I	27	59	3
13VV1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	44	3
13VV1A0301	RT31035	THERMAL ENGINEERING-II	24	55	3
13VV1A0301	RT31036	METROLOGY	23	50	3
13VV1A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
13VV1A0301	RT31038	MACHINE TOOLS LAB	22	47	2
13VV1A0302	RT31016	IPR & PATENTS	27	42	2
13VV1A0302	RT31031	DYNAMICS OF MACHINERY	21	47	3
13VV1A0302	RT31032	METAL CUTTING & MACHINE TOOLS	25	39	3
13VV1A0302	RT31033	DESIGN OF MACHINE MEMBERS-I	28	56	3
13VV1A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	21	45	3
13VV1A0302	RT31035	THERMAL ENGINEERING-II	23	48	3
13VV1A0302	RT31036	METROLOGY	23	48	3
13VV1A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0302	RT31038	MACHINE TOOLS LAB	22	46	2
13VV1A0304	RT31016	IPR & PATENTS	25	43	2
13VV1A0304	RT31031	DYNAMICS OF MACHINERY	14	18	0
13VV1A0304	RT31032	METAL CUTTING & MACHINE TOOLS	19	24	3
13VV1A0304	RT31033	DESIGN OF MACHINE MEMBERS-I	26	38	3
13VV1A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	22	39	3
13VV1A0304	RT31035	THERMAL ENGINEERING-II	18	39	3
13VV1A0304	RT31036	METROLOGY	17	43	3
13VV1A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
13VV1A0304	RT31038	MACHINE TOOLS LAB	21	47	2
13VV1A0305	RT31016	IPR & PATENTS	26	43	2
13VV1A0305	RT31031	DYNAMICS OF MACHINERY	18	42	3
13VV1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	26	58	3
13VV1A0305	RT31033	DESIGN OF MACHINE MEMBERS-I	21	45	3
13VV1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	42	3
13VV1A0305	RT31035	THERMAL ENGINEERING-II	23	32	3
13VV1A0305	RT31036	METROLOGY	23	46	3
13VV1A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	20	45	2
13VV1A0305	RT31038	MACHINE TOOLS LAB	20	45	2
13VV1A0306	RT31016	IPR & PATENTS	22	42	2
13VV1A0306	RT31031	DYNAMICS OF MACHINERY	15	25	3
13VV1A0306	RT31032	METAL CUTTING & MACHINE TOOLS	19	33	3
13VV1A0306	RT31033	DESIGN OF MACHINE MEMBERS-I	28	30	3
13VV1A0306	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	40	3
13VV1A0306	RT31035	THERMAL ENGINEERING-II	21	34	3
13VV1A0306	RT31036	METROLOGY	23	48	3
13VV1A0306	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
13VV1A0306	RT31038	MACHINE TOOLS LAB	20	45	2
13VV1A0307	RT31016	IPR & PATENTS	25	40	2
13VV1A0307	RT31031	DYNAMICS OF MACHINERY	11	29	3
13VV1A0307	RT31032	METAL CUTTING & MACHINE TOOLS	20	44	3
13VV1A0307	RT31033	DESIGN OF MACHINE MEMBERS-I	21	36	3
13VV1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	14	41	3
13VV1A0307	RT31035	THERMAL ENGINEERING-II	15	27	3
13VV1A0307	RT31036	METROLOGY	11	46	3
13VV1A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0307	RT31038	MACHINE TOOLS LAB	22	44	2
13VV1A0308	RT31016	IPR & PATENTS	28	46	2
13VV1A0308	RT31031	DYNAMICS OF MACHINERY	18	53	3
13VV1A0308	RT31032	METAL CUTTING & MACHINE TOOLS	20	37	3
13VV1A0308	RT31033	DESIGN OF MACHINE MEMBERS-I	26	52	3
13VV1A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	22	44	3
13VV1A0308	RT31035	THERMAL ENGINEERING-II	22	43	3
13VV1A0308	RT31036	METROLOGY	23	50	3
13VV1A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
13VV1A0308	RT31038	MACHINE TOOLS LAB	23	47	2
13VV1A0309	RT31016	IPR & PATENTS	28	42	2
13VV1A0309	RT31031	DYNAMICS OF MACHINERY	13	13	0
13VV1A0309	RT31032	METAL CUTTING & MACHINE TOOLS	17	33	3
13VV1A0309	RT31033	DESIGN OF MACHINE MEMBERS-I	20	46	3
13VV1A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	41	3
13VV1A0309	RT31035	THERMAL ENGINEERING-II	20	37	3
13VV1A0309	RT31036	METROLOGY	22	49	3
13VV1A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
13VV1A0309	RT31038	MACHINE TOOLS LAB	22	44	2
13VV1A0310	RT31016	IPR & PATENTS	25	48	2
13VV1A0310	RT31031	DYNAMICS OF MACHINERY	25	36	3
13VV1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	23	39	3
13VV1A0310	RT31033	DESIGN OF MACHINE MEMBERS-I	24	41	3
13VV1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	20	43	3
13VV1A0310	RT31035	THERMAL ENGINEERING-II	16	38	3
13VV1A0310	RT31036	METROLOGY	19	48	3
13VV1A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	20	37	2
13VV1A0310	RT31038	MACHINE TOOLS LAB	20	46	2
13VV1A0311	RT31016	IPR & PATENTS	25	37	2
13VV1A0311	RT31031	DYNAMICS OF MACHINERY	14	26	3
13VV1A0311	RT31032	METAL CUTTING & MACHINE TOOLS	19	35	3
13VV1A0311	RT31033	DESIGN OF MACHINE MEMBERS-I	18	28	3
13VV1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	21	38	3
13VV1A0311	RT31035	THERMAL ENGINEERING-II	15	34	3
13VV1A0311	RT31036	METROLOGY	21	43	3
13VV1A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	21	38	2
13VV1A0311	RT31038	MACHINE TOOLS LAB	22	44	2
13VV1A0312	RT31016	IPR & PATENTS	26	43	2
13VV1A0312	RT31031	DYNAMICS OF MACHINERY	15	18	0
13VV1A0312	RT31032	METAL CUTTING & MACHINE TOOLS	22	24	3
13VV1A0312	RT31033	DESIGN OF MACHINE MEMBERS-I	24	15	0
13VV1A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	21	41	3
13VV1A0312	RT31035	THERMAL ENGINEERING-II	17	43	3
13VV1A0312	RT31036	METROLOGY	18	45	3
13VV1A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	21	36	2
13VV1A0312	RT31038	MACHINE TOOLS LAB	20	45	2
13VV1A0313	RT31016	IPR & PATENTS	26	44	2
13VV1A0313	RT31031	DYNAMICS OF MACHINERY	13	18	0
13VV1A0313	RT31032	METAL CUTTING & MACHINE TOOLS	16	26	3
13VV1A0313	RT31033	DESIGN OF MACHINE MEMBERS-I	18	42	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	16	50	3
13VV1A0313	RT31035	THERMAL ENGINEERING-II	20	48	3
13VV1A0313	RT31036	METROLOGY	16	54	3
13VV1A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
13VV1A0313	RT31038	MACHINE TOOLS LAB	21	45	2
13VV1A0315	RT31016	IPR & PATENTS	29	35	2
13VV1A0315	RT31031	DYNAMICS OF MACHINERY	16	24	3
13VV1A0315	RT31032	METAL CUTTING & MACHINE TOOLS	17	39	3
13VV1A0315	RT31033	DESIGN OF MACHINE MEMBERS-I	25	28	3
13VV1A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	21	45	3
13VV1A0315	RT31035	THERMAL ENGINEERING-II	18	43	3
13VV1A0315	RT31036	METROLOGY	17	58	3
13VV1A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
13VV1A0315	RT31038	MACHINE TOOLS LAB	22	44	2
13VV1A0316	RT31016	IPR & PATENTS	25	38	2
13VV1A0316	RT31031	DYNAMICS OF MACHINERY	14	15	0
13VV1A0316	RT31032	METAL CUTTING & MACHINE TOOLS	20	37	3
13VV1A0316	RT31033	DESIGN OF MACHINE MEMBERS-I	25	36	3
13VV1A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	46	3
13VV1A0316	RT31035	THERMAL ENGINEERING-II	23	46	3
13VV1A0316	RT31036	METROLOGY	22	48	3
13VV1A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	22	38	2
13VV1A0316	RT31038	MACHINE TOOLS LAB	21	43	2
13VV1A0317	RT31016	IPR & PATENTS	28	47	2
13VV1A0317	RT31031	DYNAMICS OF MACHINERY	15	17	0
13VV1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	20	46	3
13VV1A0317	RT31033	DESIGN OF MACHINE MEMBERS-I	22	38	3
13VV1A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	22	46	3
13VV1A0317	RT31035	THERMAL ENGINEERING-II	18	39	3
13VV1A0317	RT31036	METROLOGY	21	47	3
13VV1A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	21	38	2
13VV1A0317	RT31038	MACHINE TOOLS LAB	21	44	2
13VV1A0318	RT31016	IPR & PATENTS	22	42	2
13VV1A0318	RT31031	DYNAMICS OF MACHINERY	9	5	0
13VV1A0318	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13VV1A0318	RT31033	DESIGN OF MACHINE MEMBERS-I	19	24	3
13VV1A0318	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	35	3
13VV1A0318	RT31035	THERMAL ENGINEERING-II	17	17	0
13VV1A0318	RT31036	METROLOGY	19	39	3
13VV1A0318	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
13VV1A0318	RT31038	MACHINE TOOLS LAB	20	43	2
13VV1A0319	RT31016	IPR & PATENTS	25	35	2
13VV1A0319	RT31031	DYNAMICS OF MACHINERY	10	12	0
13VV1A0319	RT31032	METAL CUTTING & MACHINE TOOLS	19	25	3
13VV1A0319	RT31033	DESIGN OF MACHINE MEMBERS-I	18	36	3
13VV1A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	15	36	3
13VV1A0319	RT31035	THERMAL ENGINEERING-II	18	28	3
13VV1A0319	RT31036	METROLOGY	15	37	3
13VV1A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	20	35	2
13VV1A0319	RT31038	MACHINE TOOLS LAB	21	43	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0320	RT31016	IPR & PATENTS	24	36	2
13VV1A0320	RT31031	DYNAMICS OF MACHINERY	16	24	3
13VV1A0320	RT31032	METAL CUTTING & MACHINE TOOLS	21	28	3
13VV1A0320	RT31033	DESIGN OF MACHINE MEMBERS-I	23	26	3
13VV1A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	20	37	3
13VV1A0320	RT31035	THERMAL ENGINEERING-II	19	27	3
13VV1A0320	RT31036	METROLOGY	23	43	3
13VV1A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	21	39	2
13VV1A0320	RT31038	MACHINE TOOLS LAB	22	43	2
13VV1A0321	RT31016	IPR & PATENTS	30	48	2
13VV1A0321	RT31031	DYNAMICS OF MACHINERY	17	26	3
13VV1A0321	RT31032	METAL CUTTING & MACHINE TOOLS	22	45	3
13VV1A0321	RT31033	DESIGN OF MACHINE MEMBERS-I	27	50	3
13VV1A0321	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	22	39	3
13VV1A0321	RT31035	THERMAL ENGINEERING-II	20	35	3
13VV1A0321	RT31036	METROLOGY	22	47	3
13VV1A0321	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
13VV1A0321	RT31038	MACHINE TOOLS LAB	23	45	2
13VV1A0322	RT31016	IPR & PATENTS	29	47	2
13VV1A0322	RT31031	DYNAMICS OF MACHINERY	25	43	3
13VV1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	23	61	3
13VV1A0322	RT31033	DESIGN OF MACHINE MEMBERS-I	28	54	3
13VV1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	40	3
13VV1A0322	RT31035	THERMAL ENGINEERING-II	23	36	3
13VV1A0322	RT31036	METROLOGY	26	47	3
13VV1A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
13VV1A0322	RT31038	MACHINE TOOLS LAB	22	47	2
13VV1A0323	RT31016	IPR & PATENTS	21	40	2
13VV1A0323	RT31031	DYNAMICS OF MACHINERY	17	24	3
13VV1A0323	RT31032	METAL CUTTING & MACHINE TOOLS	18	47	3
13VV1A0323	RT31033	DESIGN OF MACHINE MEMBERS-I	21	44	3
13VV1A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	16	33	3
13VV1A0323	RT31035	THERMAL ENGINEERING-II	20	33	3
13VV1A0323	RT31036	METROLOGY	16	40	3
13VV1A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13VV1A0323	RT31038	MACHINE TOOLS LAB	22	45	2
13VV1A0324	RT31016	IPR & PATENTS	24	49	2
13VV1A0324	RT31031	DYNAMICS OF MACHINERY	18	36	3
13VV1A0324	RT31032	METAL CUTTING & MACHINE TOOLS	21	43	3
13VV1A0324	RT31033	DESIGN OF MACHINE MEMBERS-I	26	58	3
13VV1A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	43	3
13VV1A0324	RT31035	THERMAL ENGINEERING-II	20	39	3
13VV1A0324	RT31036	METROLOGY	23	48	3
13VV1A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
13VV1A0324	RT31038	MACHINE TOOLS LAB	20	44	2
13VV1A0325	RT31016	IPR & PATENTS	25	47	2
13VV1A0325	RT31031	DYNAMICS OF MACHINERY	16	28	3
13VV1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	22	36	3
13VV1A0325	RT31033	DESIGN OF MACHINE MEMBERS-I	22	45	3
13VV1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	36	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0325	RT31035	THERMAL ENGINEERING-II	15	36	3
13VV1A0325	RT31036	METROLOGY	16	47	3
13VV1A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	20	42	2
13VV1A0325	RT31038	MACHINE TOOLS LAB	22	43	2
13VV1A0326	RT31016	IPR & PATENTS	26	39	2
13VV1A0326	RT31031	DYNAMICS OF MACHINERY	17	49	3
13VV1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	20	35	3
13VV1A0326	RT31033	DESIGN OF MACHINE MEMBERS-I	21	52	3
13VV1A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	17	35	3
13VV1A0326	RT31035	THERMAL ENGINEERING-II	18	47	3
13VV1A0326	RT31036	METROLOGY	19	42	3
13VV1A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0326	RT31038	MACHINE TOOLS LAB	21	45	2
13VV1A0327	RT31016	IPR & PATENTS	28	44	2
13VV1A0327	RT31031	DYNAMICS OF MACHINERY	13	35	3
13VV1A0327	RT31032	METAL CUTTING & MACHINE TOOLS	17	29	3
13VV1A0327	RT31033	DESIGN OF MACHINE MEMBERS-I	18	35	3
13VV1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	40	3
13VV1A0327	RT31035	THERMAL ENGINEERING-II	18	30	3
13VV1A0327	RT31036	METROLOGY	17	35	3
13VV1A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
13VV1A0327	RT31038	MACHINE TOOLS LAB	23	44	2
13VV1A0328	RT31016	IPR & PATENTS	26	45	2
13VV1A0328	RT31031	DYNAMICS OF MACHINERY	17	24	3
13VV1A0328	RT31032	METAL CUTTING & MACHINE TOOLS	19	43	3
13VV1A0328	RT31033	DESIGN OF MACHINE MEMBERS-I	24	29	3
13VV1A0328	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	17	39	3
13VV1A0328	RT31035	THERMAL ENGINEERING-II	22	41	3
13VV1A0328	RT31036	METROLOGY	22	48	3
13VV1A0328	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0328	RT31038	MACHINE TOOLS LAB	22	46	2
13VV1A0329	RT31016	IPR & PATENTS	26	45	2
13VV1A0329	RT31031	DYNAMICS OF MACHINERY	16	24	3
13VV1A0329	RT31032	METAL CUTTING & MACHINE TOOLS	24	43	3
13VV1A0329	RT31033	DESIGN OF MACHINE MEMBERS-I	18	31	3
13VV1A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	17	39	3
13VV1A0329	RT31035	THERMAL ENGINEERING-II	21	24	3
13VV1A0329	RT31036	METROLOGY	19	35	3
13VV1A0329	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0329	RT31038	MACHINE TOOLS LAB	23	45	2
13VV1A0330	RT31016	IPR & PATENTS	23	45	2
13VV1A0330	RT31031	DYNAMICS OF MACHINERY	12	28	3
13VV1A0330	RT31032	METAL CUTTING & MACHINE TOOLS	24	40	3
13VV1A0330	RT31033	DESIGN OF MACHINE MEMBERS-I	17	6	0
13VV1A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	16	37	3
13VV1A0330	RT31035	THERMAL ENGINEERING-II	13	34	3
13VV1A0330	RT31036	METROLOGY	12	44	3
13VV1A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	20	44	2
13VV1A0330	RT31038	MACHINE TOOLS LAB	23	46	2
13VV1A0331	RT31016	IPR & PATENTS	21	34	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0331	RT31031	DYNAMICS OF MACHINERY	12	7	0
13VV1A0331	RT31032	METAL CUTTING & MACHINE TOOLS	18	24	3
13VV1A0331	RT31033	DESIGN OF MACHINE MEMBERS-I	17	36	3
13VV1A0331	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	15	32	3
13VV1A0331	RT31035	THERMAL ENGINEERING-II	15	25	3
13VV1A0331	RT31036	METROLOGY	12	31	3
13VV1A0331	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13VV1A0331	RT31038	MACHINE TOOLS LAB	20	44	2
13VV1A0332	RT31016	IPR & PATENTS	26	40	2
13VV1A0332	RT31031	DYNAMICS OF MACHINERY	14	26	3
13VV1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	24	27	3
13VV1A0332	RT31033	DESIGN OF MACHINE MEMBERS-I	25	48	3
13VV1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	22	46	3
13VV1A0332	RT31035	THERMAL ENGINEERING-II	15	30	3
13VV1A0332	RT31036	METROLOGY	22	44	3
13VV1A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13VV1A0332	RT31038	MACHINE TOOLS LAB	20	44	2
13VV1A0334	RT31016	IPR & PATENTS	24	42	2
13VV1A0334	RT31031	DYNAMICS OF MACHINERY	17	31	3
13VV1A0334	RT31032	METAL CUTTING & MACHINE TOOLS	20	50	3
13VV1A0334	RT31033	DESIGN OF MACHINE MEMBERS-I	18	52	3
13VV1A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	45	3
13VV1A0334	RT31035	THERMAL ENGINEERING-II	19	29	3
13VV1A0334	RT31036	METROLOGY	16	36	3
13VV1A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	20	44	2
13VV1A0334	RT31038	MACHINE TOOLS LAB	20	47	2
13VV1A0335	RT31016	IPR & PATENTS	26	44	2
13VV1A0335	RT31031	DYNAMICS OF MACHINERY	18	31	3
13VV1A0335	RT31032	METAL CUTTING & MACHINE TOOLS	26	56	3
13VV1A0335	RT31033	DESIGN OF MACHINE MEMBERS-I	23	52	3
13VV1A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	43	3
13VV1A0335	RT31035	THERMAL ENGINEERING-II	19	32	3
13VV1A0335	RT31036	METROLOGY	23	47	3
13VV1A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	20	45	2
13VV1A0335	RT31038	MACHINE TOOLS LAB	23	46	2
13VV1A0336	RT31016	IPR & PATENTS	26	49	2
13VV1A0336	RT31031	DYNAMICS OF MACHINERY	16	38	3
13VV1A0336	RT31032	METAL CUTTING & MACHINE TOOLS	25	61	3
13VV1A0336	RT31033	DESIGN OF MACHINE MEMBERS-I	24	48	3
13VV1A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	21	45	3
13VV1A0336	RT31035	THERMAL ENGINEERING-II	19	39	3
13VV1A0336	RT31036	METROLOGY	22	52	3
13VV1A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	20	45	2
13VV1A0336	RT31038	MACHINE TOOLS LAB	23	47	2
13VV1A0337	RT31016	IPR & PATENTS	26	50	2
13VV1A0337	RT31031	DYNAMICS OF MACHINERY	15	40	3
13VV1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	18	44	3
13VV1A0337	RT31033	DESIGN OF MACHINE MEMBERS-I	21	40	3
13VV1A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	20	42	3
13VV1A0337	RT31035	THERMAL ENGINEERING-II	14	46	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0337	RT31036	METROLOGY	17	50	3
13VV1A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	21	44	2
13VV1A0337	RT31038	MACHINE TOOLS LAB	21	45	2
13VV1A0338	RT31016	IPR & PATENTS	23	43	2
13VV1A0338	RT31031	DYNAMICS OF MACHINERY	20	46	3
13VV1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	23	42	3
13VV1A0338	RT31033	DESIGN OF MACHINE MEMBERS-I	25	44	3
13VV1A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	18	40	3
13VV1A0338	RT31035	THERMAL ENGINEERING-II	23	35	3
13VV1A0338	RT31036	METROLOGY	23	43	3
13VV1A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
13VV1A0338	RT31038	MACHINE TOOLS LAB	23	47	2
13VV1A0339	RT31016	IPR & PATENTS	26	48	2
13VV1A0339	RT31031	DYNAMICS OF MACHINERY	14	13	0
13VV1A0339	RT31032	METAL CUTTING & MACHINE TOOLS	23	38	3
13VV1A0339	RT31033	DESIGN OF MACHINE MEMBERS-I	20	39	3
13VV1A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	20	42	3
13VV1A0339	RT31035	THERMAL ENGINEERING-II	21	42	3
13VV1A0339	RT31036	METROLOGY	18	41	3
13VV1A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0339	RT31038	MACHINE TOOLS LAB	21	45	2
13VV1A0341	RT31016	IPR & PATENTS	28	50	2
13VV1A0341	RT31031	DYNAMICS OF MACHINERY	17	41	3
13VV1A0341	RT31032	METAL CUTTING & MACHINE TOOLS	19	48	3
13VV1A0341	RT31033	DESIGN OF MACHINE MEMBERS-I	29	36	3
13VV1A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	40	3
13VV1A0341	RT31035	THERMAL ENGINEERING-II	21	51	3
13VV1A0341	RT31036	METROLOGY	25	58	3
13VV1A0341	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
13VV1A0341	RT31038	MACHINE TOOLS LAB	23	46	2
13VV1A0342	RT31016	IPR & PATENTS	27	42	2
13VV1A0342	RT31031	DYNAMICS OF MACHINERY	12	20	0
13VV1A0342	RT31032	METAL CUTTING & MACHINE TOOLS	20	36	3
13VV1A0342	RT31033	DESIGN OF MACHINE MEMBERS-I	23	40	3
13VV1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	18	41	3
13VV1A0342	RT31035	THERMAL ENGINEERING-II	18	41	3
13VV1A0342	RT31036	METROLOGY	17	39	3
13VV1A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0342	RT31038	MACHINE TOOLS LAB	24	41	2
13VV1A0343	RT31016	IPR & PATENTS	22	47	2
13VV1A0343	RT31031	DYNAMICS OF MACHINERY	18	26	3
13VV1A0343	RT31032	METAL CUTTING & MACHINE TOOLS	24	50	3
13VV1A0343	RT31033	DESIGN OF MACHINE MEMBERS-I	27	37	3
13VV1A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	44	3
13VV1A0343	RT31035	THERMAL ENGINEERING-II	19	42	3
13VV1A0343	RT31036	METROLOGY	21	50	3
13VV1A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
13VV1A0343	RT31038	MACHINE TOOLS LAB	21	44	2
13VV1A0344	RT31016	IPR & PATENTS	21	39	2
13VV1A0344	RT31031	DYNAMICS OF MACHINERY	14	26	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0344	RT31032	METAL CUTTING & MACHINE TOOLS	17	43	3
13VV1A0344	RT31033	DESIGN OF MACHINE MEMBERS-I	17	28	3
13VV1A0344	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	13	32	3
13VV1A0344	RT31035	THERMAL ENGINEERING-II	15	27	3
13VV1A0344	RT31036	METROLOGY	16	45	3
13VV1A0344	RT31037	METROLOGY & INSTRUMENTATION LAB	20	42	2
13VV1A0344	RT31038	MACHINE TOOLS LAB	24	44	2
13VV1A0345	RT31016	IPR & PATENTS	24	45	2
13VV1A0345	RT31031	DYNAMICS OF MACHINERY	19	31	3
13VV1A0345	RT31032	METAL CUTTING & MACHINE TOOLS	20	50	3
13VV1A0345	RT31033	DESIGN OF MACHINE MEMBERS-I	21	28	3
13VV1A0345	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	17	43	3
13VV1A0345	RT31035	THERMAL ENGINEERING-II	16	36	3
13VV1A0345	RT31036	METROLOGY	21	47	3
13VV1A0345	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
13VV1A0345	RT31038	MACHINE TOOLS LAB	24	47	2
13VV1A0346	RT31016	IPR & PATENTS	27	42	2
13VV1A0346	RT31031	DYNAMICS OF MACHINERY	24	36	3
13VV1A0346	RT31032	METAL CUTTING & MACHINE TOOLS	19	55	3
13VV1A0346	RT31033	DESIGN OF MACHINE MEMBERS-I	26	59	3
13VV1A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	23	39	3
13VV1A0346	RT31035	THERMAL ENGINEERING-II	26	44	3
13VV1A0346	RT31036	METROLOGY	20	47	3
13VV1A0346	RT31037	METROLOGY & INSTRUMENTATION LAB	21	46	2
13VV1A0346	RT31038	MACHINE TOOLS LAB	21	47	2
13VV1A0347	RT31016	IPR & PATENTS	22	47	2
13VV1A0347	RT31031	DYNAMICS OF MACHINERY	17	30	3
13VV1A0347	RT31032	METAL CUTTING & MACHINE TOOLS	20	37	3
13VV1A0347	RT31033	DESIGN OF MACHINE MEMBERS-I	18	50	3
13VV1A0347	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	17	41	3
13VV1A0347	RT31035	THERMAL ENGINEERING-II	15	34	3
13VV1A0347	RT31036	METROLOGY	17	49	3
13VV1A0347	RT31037	METROLOGY & INSTRUMENTATION LAB	20	44	2
13VV1A0347	RT31038	MACHINE TOOLS LAB	24	46	2
13VV1A0348	RT31016	IPR & PATENTS	22	35	2
13VV1A0348	RT31031	DYNAMICS OF MACHINERY	26	10	0
13VV1A0348	RT31032	METAL CUTTING & MACHINE TOOLS	13	22	0
13VV1A0348	RT31033	DESIGN OF MACHINE MEMBERS-I	17	24	3
13VV1A0348	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	11	30	3
13VV1A0348	RT31035	THERMAL ENGINEERING-II	9	18	0
13VV1A0348	RT31036	METROLOGY	10	30	3
13VV1A0348	RT31037	METROLOGY & INSTRUMENTATION LAB	20	42	2
13VV1A0348	RT31038	MACHINE TOOLS LAB	23	46	2
13VV1A0349	RT31016	IPR & PATENTS	22	45	2
13VV1A0349	RT31031	DYNAMICS OF MACHINERY	16	27	3
13VV1A0349	RT31032	METAL CUTTING & MACHINE TOOLS	16	24	3
13VV1A0349	RT31033	DESIGN OF MACHINE MEMBERS-I	23	35	3
13VV1A0349	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	18	38	3
13VV1A0349	RT31035	THERMAL ENGINEERING-II	15	25	3
13VV1A0349	RT31036	METROLOGY	11	46	3



Htno	Subcode	Subname	Internal	External	credits
13VV1A0349	RT31037	METROLOGY & INSTRUMENTATION LAB	20	44	2
13VV1A0349	RT31038	MACHINE TOOLS LAB	22	44	2
13VV1A0350	RT31016	IPR & PATENTS	26	44	2
13VV1A0350	RT31031	DYNAMICS OF MACHINERY	12	17	0
13VV1A0350	RT31032	METAL CUTTING & MACHINE TOOLS	22	28	3
13VV1A0350	RT31033	DESIGN OF MACHINE MEMBERS-I	17	28	3
13VV1A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	18	35	3
13VV1A0350	RT31035	THERMAL ENGINEERING-II	16	16	0
13VV1A0350	RT31036	METROLOGY	21	37	3
13VV1A0350	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13VV1A0350	RT31038	MACHINE TOOLS LAB	21	44	2
13VV1A0351	RT31016	IPR & PATENTS	23	38	2
13VV1A0351	RT31031	DYNAMICS OF MACHINERY	13	27	3
13VV1A0351	RT31032	METAL CUTTING & MACHINE TOOLS	13	20	0
13VV1A0351	RT31033	DESIGN OF MACHINE MEMBERS-I	17	35	3
13VV1A0351	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	13	30	3
13VV1A0351	RT31035	THERMAL ENGINEERING-II	17	18	0
13VV1A0351	RT31036	METROLOGY	15	39	3
13VV1A0351	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
13VV1A0351	RT31038	MACHINE TOOLS LAB	22	44	2
13VV1A0352	RT31016	IPR & PATENTS	19	38	2
13VV1A0352	RT31031	DYNAMICS OF MACHINERY	7	11	0
13VV1A0352	RT31032	METAL CUTTING & MACHINE TOOLS	13	18	0
13VV1A0352	RT31033	DESIGN OF MACHINE MEMBERS-I	17	28	3
13VV1A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	8	37	3
13VV1A0352	RT31035	THERMAL ENGINEERING-II	7	34	3
13VV1A0352	RT31036	METROLOGY	5	48	3
13VV1A0352	RT31037	METROLOGY & INSTRUMENTATION LAB	19	40	2
13VV1A0352	RT31038	MACHINE TOOLS LAB	23	44	2
13VV1A0353	RT31016	IPR & PATENTS	27	40	2
13VV1A0353	RT31031	DYNAMICS OF MACHINERY	14	30	3
13VV1A0353	RT31032	METAL CUTTING & MACHINE TOOLS	21	28	3
13VV1A0353	RT31033	DESIGN OF MACHINE MEMBERS-I	24	56	3
13VV1A0353	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	18	42	3
13VV1A0353	RT31035	THERMAL ENGINEERING-II	18	43	3
13VV1A0353	RT31036	METROLOGY	25	47	3
13VV1A0353	RT31037	METROLOGY & INSTRUMENTATION LAB	21	45	2
13VV1A0353	RT31038	MACHINE TOOLS LAB	24	41	2
13VV1A0354	RT31016	IPR & PATENTS	23	38	2
13VV1A0354	RT31031	DYNAMICS OF MACHINERY	12	19	0
13VV1A0354	RT31032	METAL CUTTING & MACHINE TOOLS	15	25	3
13VV1A0354	RT31033	DESIGN OF MACHINE MEMBERS-I	16	29	3
13VV1A0354	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	13	36	3
13VV1A0354	RT31035	THERMAL ENGINEERING-II	10	24	0
13VV1A0354	RT31036	METROLOGY	5	41	3
13VV1A0354	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13VV1A0354	RT31038	MACHINE TOOLS LAB	20	44	2
13VV1A0355	RT31016	IPR & PATENTS	21	37	2
13VV1A0355	RT31031	DYNAMICS OF MACHINERY	21	24	3
13VV1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	18	28	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0355	RT31033	DESIGN OF MACHINE MEMBERS-I	17	47	3
13VV1A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	42	3
13VV1A0355	RT31035	THERMAL ENGINEERING-II	13	11	0
13VV1A0355	RT31036	METROLOGY	12	43	3
13VV1A0355	RT31037	METROLOGY & INSTRUMENTATION LAB	20	42	2
13VV1A0355	RT31038	MACHINE TOOLS LAB	22	45	2
13VV1A0357	RT31016	IPR & PATENTS	23	46	2
13VV1A0357	RT31031	DYNAMICS OF MACHINERY	11	17	0
13VV1A0357	RT31032	METAL CUTTING & MACHINE TOOLS	15	31	3
13VV1A0357	RT31033	DESIGN OF MACHINE MEMBERS-I	20	28	3
13VV1A0357	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	16	38	3
13VV1A0357	RT31035	THERMAL ENGINEERING-II	16	38	3
13VV1A0357	RT31036	METROLOGY	22	47	3
13VV1A0357	RT31037	METROLOGY & INSTRUMENTATION LAB	20	42	2
13VV1A0357	RT31038	MACHINE TOOLS LAB	24	47	2
13VV1A0358	RT31016	IPR & PATENTS	24	45	2
13VV1A0358	RT31031	DYNAMICS OF MACHINERY	10	12	0
13VV1A0358	RT31032	METAL CUTTING & MACHINE TOOLS	15	26	3
13VV1A0358	RT31033	DESIGN OF MACHINE MEMBERS-I	21	31	3
13VV1A0358	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	27	3
13VV1A0358	RT31035	THERMAL ENGINEERING-II	18	35	3
13VV1A0358	RT31036	METROLOGY	13	41	3
13VV1A0358	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
13VV1A0358	RT31038	MACHINE TOOLS LAB	21	44	2
13VV1A0401	RT31016	IPR & PATENTS	25	47	2
13VV1A0401	RT31041	PULSE & DIGITAL CIRCUITS	29	52	3
13VV1A0401	RT31042	LINEAR IC APPLICATIONS	25	61	3
13VV1A0401	RT31043	CONTROL SYSTEMS	23	50	3
13VV1A0401	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	53	3
13VV1A0401	RT31045	ANTENNAS AND WAVE PROPAGATION	22	54	3
13VV1A0401	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
13VV1A0401	RT31048	LIC APPLICATIONS LAB	24	45	2
13VV1A0401	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13VV1A0402	RT31016	IPR & PATENTS	25	42	2
13VV1A0402	RT31041	PULSE & DIGITAL CIRCUITS	27	41	3
13VV1A0402	RT31042	LINEAR IC APPLICATIONS	25	50	3
13VV1A0402	RT31043	CONTROL SYSTEMS	22	44	3
13VV1A0402	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	31	3
13VV1A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	21	40	3
13VV1A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13VV1A0402	RT31048	LIC APPLICATIONS LAB	23	44	2
13VV1A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	43	2
13VV1A0403	RT31016	IPR & PATENTS	27	43	2
13VV1A0403	RT31041	PULSE & DIGITAL CIRCUITS	26	49	3
13VV1A0403	RT31042	LINEAR IC APPLICATIONS	24	53	3
13VV1A0403	RT31043	CONTROL SYSTEMS	23	52	3
13VV1A0403	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	41	3
13VV1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	25	50	3
13VV1A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
13VV1A0403	RT31048	LIC APPLICATIONS LAB	23	40	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
13VV1A0404	RT31016	IPR & PATENTS	24	45	2
13VV1A0404	RT31041	PULSE & DIGITAL CIRCUITS	29	50	3
13VV1A0404	RT31042	LINEAR IC APPLICATIONS	25	58	3
13VV1A0404	RT31043	CONTROL SYSTEMS	26	50	3
13VV1A0404	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	51	3
13VV1A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	26	58	3
13VV1A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	45	2
13VV1A0404	RT31048	LIC APPLICATIONS LAB	24	42	2
13VV1A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13VV1A0405	RT31016	IPR & PATENTS	24	48	2
13VV1A0405	RT31041	PULSE & DIGITAL CIRCUITS	28	32	3
13VV1A0405	RT31042	LINEAR IC APPLICATIONS	23	53	3
13VV1A0405	RT31043	CONTROL SYSTEMS	25	51	3
13VV1A0405	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	38	3
13VV1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	21	48	3
13VV1A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	44	2
13VV1A0405	RT31048	LIC APPLICATIONS LAB	24	42	2
13VV1A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	43	2
13VV1A0406	RT31016	IPR & PATENTS	25	49	2
13VV1A0406	RT31041	PULSE & DIGITAL CIRCUITS	28	48	3
13VV1A0406	RT31042	LINEAR IC APPLICATIONS	26	55	3
13VV1A0406	RT31043	CONTROL SYSTEMS	27	52	3
13VV1A0406	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	44	3
13VV1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	25	52	3
13VV1A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13VV1A0406	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13VV1A0407	RT31016	IPR & PATENTS	28	52	2
13VV1A0407	RT31041	PULSE & DIGITAL CIRCUITS	28	44	3
13VV1A0407	RT31042	LINEAR IC APPLICATIONS	28	63	3
13VV1A0407	RT31043	CONTROL SYSTEMS	27	49	3
13VV1A0407	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	45	3
13VV1A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	26	50	3
13VV1A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	44	2
13VV1A0407	RT31048	LIC APPLICATIONS LAB	23	47	2
13VV1A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	42	2
13VV1A0408	RT31016	IPR & PATENTS	26	49	2
13VV1A0408	RT31041	PULSE & DIGITAL CIRCUITS	27	48	3
13VV1A0408	RT31042	LINEAR IC APPLICATIONS	24	43	3
13VV1A0408	RT31043	CONTROL SYSTEMS	24	51	3
13VV1A0408	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	39	3
13VV1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	23	52	3
13VV1A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0408	RT31048	LIC APPLICATIONS LAB	23	43	2
13VV1A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
13VV1A0409	RT31016	IPR & PATENTS	22	42	2
13VV1A0409	RT31041	PULSE & DIGITAL CIRCUITS	27	36	3
13VV1A0409	RT31042	LINEAR IC APPLICATIONS	22	40	3
13VV1A0409	RT31043	CONTROL SYSTEMS	23	51	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0409	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	41	3
13VV1A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	21	50	3
13VV1A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13VV1A0409	RT31048	LIC APPLICATIONS LAB	21	42	2
13VV1A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	46	2
13VV1A0410	RT31016	IPR & PATENTS	23	37	2
13VV1A0410	RT31041	PULSE & DIGITAL CIRCUITS	24	41	3
13VV1A0410	RT31042	LINEAR IC APPLICATIONS	22	40	3
13VV1A0410	RT31043	CONTROL SYSTEMS	23	48	3
13VV1A0410	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	33	3
13VV1A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	22	28	3
13VV1A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	42	2
13VV1A0410	RT31048	LIC APPLICATIONS LAB	23	38	2
13VV1A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	43	2
13VV1A0411	RT31016	IPR & PATENTS	25	35	2
13VV1A0411	RT31041	PULSE & DIGITAL CIRCUITS	26	34	3
13VV1A0411	RT31042	LINEAR IC APPLICATIONS	24	57	3
13VV1A0411	RT31043	CONTROL SYSTEMS	23	49	3
13VV1A0411	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	44	3
13VV1A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	24	54	3
13VV1A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13VV1A0411	RT31048	LIC APPLICATIONS LAB	20	40	2
13VV1A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13VV1A0412	RT31016	IPR & PATENTS	22	42	2
13VV1A0412	RT31041	PULSE & DIGITAL CIRCUITS	25	37	3
13VV1A0412	RT31042	LINEAR IC APPLICATIONS	25	48	3
13VV1A0412	RT31043	CONTROL SYSTEMS	21	43	3
13VV1A0412	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	40	3
13VV1A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	22	42	3
13VV1A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	45	2
13VV1A0412	RT31048	LIC APPLICATIONS LAB	22	41	2
13VV1A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
13VV1A0413	RT31016	IPR & PATENTS	23	41	2
13VV1A0413	RT31041	PULSE & DIGITAL CIRCUITS	26	48	3
13VV1A0413	RT31042	LINEAR IC APPLICATIONS	19	58	3
13VV1A0413	RT31043	CONTROL SYSTEMS	21	49	3
13VV1A0413	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	38	3
13VV1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	22	52	3
13VV1A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	43	2
13VV1A0413	RT31048	LIC APPLICATIONS LAB	21	45	2
13VV1A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	42	2
13VV1A0414	RT31016	IPR & PATENTS	19	30	2
13VV1A0414	RT31041	PULSE & DIGITAL CIRCUITS	21	15	0
13VV1A0414	RT31042	LINEAR IC APPLICATIONS	18	31	3
13VV1A0414	RT31043	CONTROL SYSTEMS	17	31	3
13VV1A0414	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	24	3
13VV1A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	19	32	3
13VV1A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	40	2
13VV1A0414	RT31048	LIC APPLICATIONS LAB	18	37	2
13VV1A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	32	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0415	RT31016	IPR & PATENTS	22	39	2
13VV1A0415	RT31041	PULSE & DIGITAL CIRCUITS	23	43	3
13VV1A0415	RT31042	LINEAR IC APPLICATIONS	23	46	3
13VV1A0415	RT31043	CONTROL SYSTEMS	22	37	3
13VV1A0415	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	17	35	3
13VV1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	24	42	3
13VV1A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13VV1A0415	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13VV1A0416	RT31016	IPR & PATENTS	23	41	2
13VV1A0416	RT31041	PULSE & DIGITAL CIRCUITS	28	40	3
13VV1A0416	RT31042	LINEAR IC APPLICATIONS	23	51	3
13VV1A0416	RT31043	CONTROL SYSTEMS	22	36	3
13VV1A0416	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	42	3
13VV1A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	23	48	3
13VV1A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	42	2
13VV1A0416	RT31048	LIC APPLICATIONS LAB	23	40	2
13VV1A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13VV1A0417	RT31016	IPR & PATENTS	28	45	2
13VV1A0417	RT31041	PULSE & DIGITAL CIRCUITS	29	35	3
13VV1A0417	RT31042	LINEAR IC APPLICATIONS	27	52	3
13VV1A0417	RT31043	CONTROL SYSTEMS	24	61	3
13VV1A0417	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	26	47	3
13VV1A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	26	54	3
13VV1A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
13VV1A0417	RT31048	LIC APPLICATIONS LAB	24	47	2
13VV1A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
13VV1A0418	RT31016	IPR & PATENTS	26	41	2
13VV1A0418	RT31041	PULSE & DIGITAL CIRCUITS	29	50	3
13VV1A0418	RT31042	LINEAR IC APPLICATIONS	25	59	3
13VV1A0418	RT31043	CONTROL SYSTEMS	29	56	3
13VV1A0418	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	52	3
13VV1A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	24	54	3
13VV1A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
13VV1A0418	RT31048	LIC APPLICATIONS LAB	22	46	2
13VV1A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13VV1A0419	RT31016	IPR & PATENTS	25	48	2
13VV1A0419	RT31041	PULSE & DIGITAL CIRCUITS	29	52	3
13VV1A0419	RT31042	LINEAR IC APPLICATIONS	24	56	3
13VV1A0419	RT31043	CONTROL SYSTEMS	22	48	3
13VV1A0419	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	40	3
13VV1A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	22	60	3
13VV1A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13VV1A0419	RT31048	LIC APPLICATIONS LAB	23	41	2
13VV1A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13VV1A0420	RT31016	IPR & PATENTS	27	47	2
13VV1A0420	RT31041	PULSE & DIGITAL CIRCUITS	28	41	3
13VV1A0420	RT31042	LINEAR IC APPLICATIONS	27	52	3
13VV1A0420	RT31043	CONTROL SYSTEMS	25	48	3
13VV1A0420	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	27	45	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	20	43	3
13VV1A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	46	2
13VV1A0420	RT31048	LIC APPLICATIONS LAB	22	47	2
13VV1A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	43	2
13VV1A0421	RT31016	IPR & PATENTS	25	42	2
13VV1A0421	RT31041	PULSE & DIGITAL CIRCUITS	28	48	3
13VV1A0421	RT31042	LINEAR IC APPLICATIONS	24	52	3
13VV1A0421	RT31043	CONTROL SYSTEMS	27	43	3
13VV1A0421	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	49	3
13VV1A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	22	48	3
13VV1A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	41	2
13VV1A0421	RT31048	LIC APPLICATIONS LAB	23	43	2
13VV1A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
13VV1A0422	RT31016	IPR & PATENTS	26	51	2
13VV1A0422	RT31041	PULSE & DIGITAL CIRCUITS	27	52	3
13VV1A0422	RT31042	LINEAR IC APPLICATIONS	26	61	3
13VV1A0422	RT31043	CONTROL SYSTEMS	27	48	3
13VV1A0422	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	26	45	3
13VV1A0422	RT31045	ANTENNAS AND WAVE PROPAGATION	23	52	3
13VV1A0422	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13VV1A0422	RT31048	LIC APPLICATIONS LAB	23	43	2
13VV1A0422	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
13VV1A0423	RT31016	IPR & PATENTS	27	45	2
13VV1A0423	RT31041	PULSE & DIGITAL CIRCUITS	27	46	3
13VV1A0423	RT31042	LINEAR IC APPLICATIONS	24	49	3
13VV1A0423	RT31043	CONTROL SYSTEMS	24	53	3
13VV1A0423	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	45	3
13VV1A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	24	50	3
13VV1A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13VV1A0423	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
13VV1A0424	RT31016	IPR & PATENTS	26	43	2
13VV1A0424	RT31041	PULSE & DIGITAL CIRCUITS	30	24	3
13VV1A0424	RT31042	LINEAR IC APPLICATIONS	21	54	3
13VV1A0424	RT31043	CONTROL SYSTEMS	25	49	3
13VV1A0424	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	51	3
13VV1A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	24	52	3
13VV1A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
13VV1A0424	RT31048	LIC APPLICATIONS LAB	23	43	2
13VV1A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
13VV1A0425	RT31016	IPR & PATENTS	26	47	2
13VV1A0425	RT31041	PULSE & DIGITAL CIRCUITS	27	47	3
13VV1A0425	RT31042	LINEAR IC APPLICATIONS	28	56	3
13VV1A0425	RT31043	CONTROL SYSTEMS	24	50	3
13VV1A0425	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	45	3
13VV1A0425	RT31045	ANTENNAS AND WAVE PROPAGATION	22	47	3
13VV1A0425	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0425	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0425	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	41	2
13VV1A0426	RT31016	IPR & PATENTS	28	49	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0426	RT31041	PULSE & DIGITAL CIRCUITS	30	56	3
13VV1A0426	RT31042	LINEAR IC APPLICATIONS	25	56	3
13VV1A0426	RT31043	CONTROL SYSTEMS	25	47	3
13VV1A0426	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	50	3
13VV1A0426	RT31045	ANTENNAS AND WAVE PROPAGATION	25	48	3
13VV1A0426	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	45	2
13VV1A0426	RT31048	LIC APPLICATIONS LAB	23	45	2
13VV1A0426	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	42	2
13VV1A0427	RT31016	IPR & PATENTS	23	50	2
13VV1A0427	RT31041	PULSE & DIGITAL CIRCUITS	25	49	3
13VV1A0427	RT31042	LINEAR IC APPLICATIONS	22	43	3
13VV1A0427	RT31043	CONTROL SYSTEMS	26	51	3
13VV1A0427	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	51	3
13VV1A0427	RT31045	ANTENNAS AND WAVE PROPAGATION	21	54	3
13VV1A0427	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13VV1A0427	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0427	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	41	2
13VV1A0428	RT31016	IPR & PATENTS	25	40	2
13VV1A0428	RT31041	PULSE & DIGITAL CIRCUITS	28	41	3
13VV1A0428	RT31042	LINEAR IC APPLICATIONS	22	38	3
13VV1A0428	RT31043	CONTROL SYSTEMS	27	51	3
13VV1A0428	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	45	3
13VV1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	22	42	3
13VV1A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
13VV1A0428	RT31048	LIC APPLICATIONS LAB	23	40	2
13VV1A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	46	2
13VV1A0429	RT31016	IPR & PATENTS	25	41	2
13VV1A0429	RT31041	PULSE & DIGITAL CIRCUITS	26	40	3
13VV1A0429	RT31042	LINEAR IC APPLICATIONS	20	26	3
13VV1A0429	RT31043	CONTROL SYSTEMS	22	53	3
13VV1A0429	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	29	3
13VV1A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	18	28	3
13VV1A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
13VV1A0429	RT31048	LIC APPLICATIONS LAB	23	44	2
13VV1A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	42	2
13VV1A0430	RT31016	IPR & PATENTS	25	48	2
13VV1A0430	RT31041	PULSE & DIGITAL CIRCUITS	25	48	3
13VV1A0430	RT31042	LINEAR IC APPLICATIONS	23	54	3
13VV1A0430	RT31043	CONTROL SYSTEMS	27	43	3
13VV1A0430	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	41	3
13VV1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	24	47	3
13VV1A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	43	2
13VV1A0430	RT31048	LIC APPLICATIONS LAB	22	44	2
13VV1A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	45	2
13VV1A0431	RT31016	IPR & PATENTS	22	47	2
13VV1A0431	RT31041	PULSE & DIGITAL CIRCUITS	26	44	3
13VV1A0431	RT31042	LINEAR IC APPLICATIONS	22	45	3
13VV1A0431	RT31043	CONTROL SYSTEMS	22	45	3
13VV1A0431	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	33	3
13VV1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	20	43	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	45	2
13VV1A0431	RT31048	LIC APPLICATIONS LAB	23	41	2
13VV1A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	44	2
13VV1A0432	RT31016	IPR & PATENTS	25	50	2
13VV1A0432	RT31041	PULSE & DIGITAL CIRCUITS	28	48	3
13VV1A0432	RT31042	LINEAR IC APPLICATIONS	24	50	3
13VV1A0432	RT31043	CONTROL SYSTEMS	21	52	3
13VV1A0432	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	38	3
13VV1A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	22	54	3
13VV1A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
13VV1A0432	RT31048	LIC APPLICATIONS LAB	23	40	2
13VV1A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13VV1A0433	RT31016	IPR & PATENTS	27	42	2
13VV1A0433	RT31041	PULSE & DIGITAL CIRCUITS	28	35	3
13VV1A0433	RT31042	LINEAR IC APPLICATIONS	23	55	3
13VV1A0433	RT31043	CONTROL SYSTEMS	22	47	3
13VV1A0433	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	46	3
13VV1A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	22	54	3
13VV1A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
13VV1A0433	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	43	2
13VV1A0434	RT31016	IPR & PATENTS	22	46	2
13VV1A0434	RT31041	PULSE & DIGITAL CIRCUITS	27	48	3
13VV1A0434	RT31042	LINEAR IC APPLICATIONS	26	56	3
13VV1A0434	RT31043	CONTROL SYSTEMS	27	55	3
13VV1A0434	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	46	3
13VV1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	22	43	3
13VV1A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	40	2
13VV1A0434	RT31048	LIC APPLICATIONS LAB	18	43	2
13VV1A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
13VV1A0435	RT31016	IPR & PATENTS	23	47	2
13VV1A0435	RT31041	PULSE & DIGITAL CIRCUITS	26	46	3
13VV1A0435	RT31042	LINEAR IC APPLICATIONS	21	60	3
13VV1A0435	RT31043	CONTROL SYSTEMS	22	51	3
13VV1A0435	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	18	43	3
13VV1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	22	53	3
13VV1A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	40	2
13VV1A0435	RT31048	LIC APPLICATIONS LAB	23	45	2
13VV1A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	45	2
13VV1A0436	RT31016	IPR & PATENTS	23	49	2
13VV1A0436	RT31041	PULSE & DIGITAL CIRCUITS	26	40	3
13VV1A0436	RT31042	LINEAR IC APPLICATIONS	24	52	3
13VV1A0436	RT31043	CONTROL SYSTEMS	23	44	3
13VV1A0436	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	18	38	3
13VV1A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	20	52	3
13VV1A0436	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
13VV1A0436	RT31048	LIC APPLICATIONS LAB	23	45	2
13VV1A0436	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	39	2
13VV1A0437	RT31016	IPR & PATENTS	24	46	2
13VV1A0437	RT31041	PULSE & DIGITAL CIRCUITS	29	61	3



Htno	Subcode	Subname	Internal	External	credits
13VV1A0437	RT31042	LINEAR IC APPLICATIONS	23	54	3
13VV1A0437	RT31043	CONTROL SYSTEMS	27	45	3
13VV1A0437	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	43	3
13VV1A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	22	34	3
13VV1A0437	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13VV1A0437	RT31048	LIC APPLICATIONS LAB	23	39	2
13VV1A0437	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	45	2
13VV1A0438	RT31016	IPR & PATENTS	27	43	2
13VV1A0438	RT31041	PULSE & DIGITAL CIRCUITS	26	47	3
13VV1A0438	RT31042	LINEAR IC APPLICATIONS	21	51	3
13VV1A0438	RT31043	CONTROL SYSTEMS	19	53	3
13VV1A0438	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	44	3
13VV1A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	20	37	3
13VV1A0438	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
13VV1A0438	RT31048	LIC APPLICATIONS LAB	23	38	2
13VV1A0438	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	36	2
13VV1A0439	RT31016	IPR & PATENTS	26	44	2
13VV1A0439	RT31041	PULSE & DIGITAL CIRCUITS	27	61	3
13VV1A0439	RT31042	LINEAR IC APPLICATIONS	21	55	3
13VV1A0439	RT31043	CONTROL SYSTEMS	24	48	3
13VV1A0439	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	55	3
13VV1A0439	RT31045	ANTENNAS AND WAVE PROPAGATION	21	49	3
13VV1A0439	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	40	2
13VV1A0439	RT31048	LIC APPLICATIONS LAB	23	43	2
13VV1A0439	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13VV1A0440	RT31016	IPR & PATENTS	25	51	2
13VV1A0440	RT31041	PULSE & DIGITAL CIRCUITS	27	62	3
13VV1A0440	RT31042	LINEAR IC APPLICATIONS	20	57	3
13VV1A0440	RT31043	CONTROL SYSTEMS	20	56	3
13VV1A0440	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	50	3
13VV1A0440	RT31045	ANTENNAS AND WAVE PROPAGATION	22	58	3
13VV1A0440	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
13VV1A0440	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0440	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	39	2
13VV1A0441	RT31016	IPR & PATENTS	23	50	2
13VV1A0441	RT31041	PULSE & DIGITAL CIRCUITS	25	54	3
13VV1A0441	RT31042	LINEAR IC APPLICATIONS	18	51	3
13VV1A0441	RT31043	CONTROL SYSTEMS	24	54	3
13VV1A0441	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	35	3
13VV1A0441	RT31045	ANTENNAS AND WAVE PROPAGATION	20	54	3
13VV1A0441	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
13VV1A0441	RT31048	LIC APPLICATIONS LAB	21	40	2
13VV1A0441	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	38	2
13VV1A0442	RT31016	IPR & PATENTS	26	49	2
13VV1A0442	RT31041	PULSE & DIGITAL CIRCUITS	29	56	3
13VV1A0442	RT31042	LINEAR IC APPLICATIONS	24	54	3
13VV1A0442	RT31043	CONTROL SYSTEMS	24	57	3
13VV1A0442	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	41	3
13VV1A0442	RT31045	ANTENNAS AND WAVE PROPAGATION	19	51	3
13VV1A0442	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0442	RT31048	LIC APPLICATIONS LAB	22	42	2
13VV1A0442	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	40	2
13VV1A0443	RT31016	IPR & PATENTS	24	49	2
13VV1A0443	RT31041	PULSE & DIGITAL CIRCUITS	27	45	3
13VV1A0443	RT31042	LINEAR IC APPLICATIONS	20	50	3
13VV1A0443	RT31043	CONTROL SYSTEMS	23	50	3
13VV1A0443	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	18	46	3
13VV1A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	21	52	3
13VV1A0443	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13VV1A0443	RT31048	LIC APPLICATIONS LAB	22	47	2
13VV1A0443	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	40	2
13VV1A0444	RT31016	IPR & PATENTS	22	48	2
13VV1A0444	RT31041	PULSE & DIGITAL CIRCUITS	26	54	3
13VV1A0444	RT31042	LINEAR IC APPLICATIONS	20	57	3
13VV1A0444	RT31043	CONTROL SYSTEMS	23	50	3
13VV1A0444	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	54	3
13VV1A0444	RT31045	ANTENNAS AND WAVE PROPAGATION	21	50	3
13VV1A0444	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
13VV1A0444	RT31048	LIC APPLICATIONS LAB	22	40	2
13VV1A0444	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	41	2
13VV1A0445	RT31016	IPR & PATENTS	23	48	2
13VV1A0445	RT31041	PULSE & DIGITAL CIRCUITS	22	51	3
13VV1A0445	RT31042	LINEAR IC APPLICATIONS	17	40	3
13VV1A0445	RT31043	CONTROL SYSTEMS	19	46	3
13VV1A0445	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	14	38	3
13VV1A0445	RT31045	ANTENNAS AND WAVE PROPAGATION	19	38	3
13VV1A0445	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
13VV1A0445	RT31048	LIC APPLICATIONS LAB	20	42	2
13VV1A0445	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	41	2
13VV1A0446	RT31016	IPR & PATENTS	23	48	2
13VV1A0446	RT31041	PULSE & DIGITAL CIRCUITS	22	34	3
13VV1A0446	RT31042	LINEAR IC APPLICATIONS	20	41	3
13VV1A0446	RT31043	CONTROL SYSTEMS	21	36	3
13VV1A0446	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	15	42	3
13VV1A0446	RT31045	ANTENNAS AND WAVE PROPAGATION	20	42	3
13VV1A0446	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	40	2
13VV1A0446	RT31048	LIC APPLICATIONS LAB	19	37	2
13VV1A0446	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	40	2
13VV1A0447	RT31016	IPR & PATENTS	25	45	2
13VV1A0447	RT31041	PULSE & DIGITAL CIRCUITS	28	54	3
13VV1A0447	RT31042	LINEAR IC APPLICATIONS	20	54	3
13VV1A0447	RT31043	CONTROL SYSTEMS	25	46	3
13VV1A0447	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	41	3
13VV1A0447	RT31045	ANTENNAS AND WAVE PROPAGATION	18	53	3
13VV1A0447	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
13VV1A0447	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0447	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	41	2
13VV1A0448	RT31016	IPR & PATENTS	26	47	2
13VV1A0448	RT31041	PULSE & DIGITAL CIRCUITS	28	34	3
13VV1A0448	RT31042	LINEAR IC APPLICATIONS	24	53	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0448	RT31043	CONTROL SYSTEMS	21	50	3
13VV1A0448	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	47	3
13VV1A0448	RT31045	ANTENNAS AND WAVE PROPAGATION	20	48	3
13VV1A0448	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0448	RT31048	LIC APPLICATIONS LAB	23	45	2
13VV1A0448	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	41	2
13VV1A0449	RT31016	IPR & PATENTS	22	38	2
13VV1A0449	RT31041	PULSE & DIGITAL CIRCUITS	25	33	3
13VV1A0449	RT31042	LINEAR IC APPLICATIONS	20	50	3
13VV1A0449	RT31043	CONTROL SYSTEMS	23	48	3
13VV1A0449	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	40	3
13VV1A0449	RT31045	ANTENNAS AND WAVE PROPAGATION	19	44	3
13VV1A0449	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	42	2
13VV1A0449	RT31048	LIC APPLICATIONS LAB	23	39	2
13VV1A0449	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	40	2
13VV1A0450	RT31016	IPR & PATENTS	23	47	2
13VV1A0450	RT31041	PULSE & DIGITAL CIRCUITS	28	34	3
13VV1A0450	RT31042	LINEAR IC APPLICATIONS	21	53	3
13VV1A0450	RT31043	CONTROL SYSTEMS	21	49	3
13VV1A0450	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	49	3
13VV1A0450	RT31045	ANTENNAS AND WAVE PROPAGATION	23	36	3
13VV1A0450	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13VV1A0450	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0450	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	45	2
13VV1A0451	RT31016	IPR & PATENTS	24	46	2
13VV1A0451	RT31041	PULSE & DIGITAL CIRCUITS	27	62	3
13VV1A0451	RT31042	LINEAR IC APPLICATIONS	24	56	3
13VV1A0451	RT31043	CONTROL SYSTEMS	26	51	3
13VV1A0451	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	48	3
13VV1A0451	RT31045	ANTENNAS AND WAVE PROPAGATION	24	56	3
13VV1A0451	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0451	RT31048	LIC APPLICATIONS LAB	22	43	2
13VV1A0451	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
13VV1A0452	RT31016	IPR & PATENTS	25	47	2
13VV1A0452	RT31041	PULSE & DIGITAL CIRCUITS	27	54	3
13VV1A0452	RT31042	LINEAR IC APPLICATIONS	24	57	3
13VV1A0452	RT31043	CONTROL SYSTEMS	26	48	3
13VV1A0452	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	44	3
13VV1A0452	RT31045	ANTENNAS AND WAVE PROPAGATION	17	52	3
13VV1A0452	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	44	2
13VV1A0452	RT31048	LIC APPLICATIONS LAB	20	39	2
13VV1A0452	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	41	2
13VV1A0453	RT31016	IPR & PATENTS	25	40	2
13VV1A0453	RT31041	PULSE & DIGITAL CIRCUITS	27	49	3
13VV1A0453	RT31042	LINEAR IC APPLICATIONS	25	40	3
13VV1A0453	RT31043	CONTROL SYSTEMS	24	47	3
13VV1A0453	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	34	3
13VV1A0453	RT31045	ANTENNAS AND WAVE PROPAGATION	23	38	3
13VV1A0453	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0453	RT31048	LIC APPLICATIONS LAB	23	44	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0453	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	40	2
13VV1A0454	RT31016	IPR & PATENTS	26	40	2
13VV1A0454	RT31041	PULSE & DIGITAL CIRCUITS	25	52	3
13VV1A0454	RT31042	LINEAR IC APPLICATIONS	24	55	3
13VV1A0454	RT31043	CONTROL SYSTEMS	19	46	3
13VV1A0454	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	47	3
13VV1A0454	RT31045	ANTENNAS AND WAVE PROPAGATION	18	48	3
13VV1A0454	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0454	RT31048	LIC APPLICATIONS LAB	22	42	2
13VV1A0454	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	41	2
13VV1A0455	RT31016	IPR & PATENTS	25	47	2
13VV1A0455	RT31041	PULSE & DIGITAL CIRCUITS	25	60	3
13VV1A0455	RT31042	LINEAR IC APPLICATIONS	25	54	3
13VV1A0455	RT31043	CONTROL SYSTEMS	20	49	3
13VV1A0455	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	49	3
13VV1A0455	RT31045	ANTENNAS AND WAVE PROPAGATION	19	48	3
13VV1A0455	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	42	2
13VV1A0455	RT31048	LIC APPLICATIONS LAB	20	38	2
13VV1A0455	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	41	2
13VV1A0456	RT31016	IPR & PATENTS	25	44	2
13VV1A0456	RT31041	PULSE & DIGITAL CIRCUITS	28	62	3
13VV1A0456	RT31042	LINEAR IC APPLICATIONS	23	56	3
13VV1A0456	RT31043	CONTROL SYSTEMS	21	57	3
13VV1A0456	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	41	3
13VV1A0456	RT31045	ANTENNAS AND WAVE PROPAGATION	21	52	3
13VV1A0456	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0456	RT31048	LIC APPLICATIONS LAB	22	43	2
13VV1A0456	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	44	2
13VV1A0457	RT31016	IPR & PATENTS	24	46	2
13VV1A0457	RT31041	PULSE & DIGITAL CIRCUITS	24	54	3
13VV1A0457	RT31042	LINEAR IC APPLICATIONS	22	46	3
13VV1A0457	RT31043	CONTROL SYSTEMS	22	43	3
13VV1A0457	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	40	3
13VV1A0457	RT31045	ANTENNAS AND WAVE PROPAGATION	18	48	3
13VV1A0457	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
13VV1A0457	RT31048	LIC APPLICATIONS LAB	22	38	2
13VV1A0457	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	45	2
13VV1A0458	RT31016	IPR & PATENTS	21	40	2
13VV1A0458	RT31041	PULSE & DIGITAL CIRCUITS	25	37	3
13VV1A0458	RT31042	LINEAR IC APPLICATIONS	12	45	3
13VV1A0458	RT31043	CONTROL SYSTEMS	19	28	3
13VV1A0458	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	17	24	3
13VV1A0458	RT31045	ANTENNAS AND WAVE PROPAGATION	15	39	3
13VV1A0458	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
13VV1A0458	RT31048	LIC APPLICATIONS LAB	18	33	2
13VV1A0458	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	36	2
13VV1A0459	RT31016	IPR & PATENTS	24	49	2
13VV1A0459	RT31041	PULSE & DIGITAL CIRCUITS	27	52	3
13VV1A0459	RT31042	LINEAR IC APPLICATIONS	22	49	3
13VV1A0459	RT31043	CONTROL SYSTEMS	26	50	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0459	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	39	3
13VV1A0459	RT31045	ANTENNAS AND WAVE PROPAGATION	24	58	3
13VV1A0459	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
13VV1A0459	RT31048	LIC APPLICATIONS LAB	23	42	2
13VV1A0459	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	41	2
13VV1A0460	RT31016	IPR & PATENTS	27	42	2
13VV1A0460	RT31041	PULSE & DIGITAL CIRCUITS	28	52	3
13VV1A0460	RT31042	LINEAR IC APPLICATIONS	25	54	3
13VV1A0460	RT31043	CONTROL SYSTEMS	28	46	3
13VV1A0460	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	47	3
13VV1A0460	RT31045	ANTENNAS AND WAVE PROPAGATION	25	56	3
13VV1A0460	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
13VV1A0460	RT31048	LIC APPLICATIONS LAB	22	42	2
13VV1A0460	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	46	2
13VV1A0501	RT31051	COMPILER DESIGN	12	46	3
13VV1A0501	RT31052	DATA COMMUNICATION	22	39	3
13VV1A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	44	3
13VV1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	21	35	3
13VV1A0501	RT31055	OPERATING SYSTEMS	17	45	3
13VV1A0501	RT31056	COMPILER DESIGN LAB	12	27	2
13VV1A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	31	2
13VV1A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	40	2
13VV1A0501	RT31059	SEMINAR	45	0	1
13VV1A0504	RT31051	COMPILER DESIGN	18	45	3
13VV1A0504	RT31052	DATA COMMUNICATION	26	26	3
13VV1A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	46	3
13VV1A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	20	33	3
13VV1A0504	RT31055	OPERATING SYSTEMS	20	44	3
13VV1A0504	RT31056	COMPILER DESIGN LAB	13	39	2
13VV1A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	30	2
13VV1A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	41	2
13VV1A0504	RT31059	SEMINAR	45	0	1
13VV1A0505	RT31051	COMPILER DESIGN	19	56	3
13VV1A0505	RT31052	DATA COMMUNICATION	24	54	3
13VV1A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	51	3
13VV1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	19	36	3
13VV1A0505	RT31055	OPERATING SYSTEMS	14	41	3
13VV1A0505	RT31056	COMPILER DESIGN LAB	12	31	2
13VV1A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	35	2
13VV1A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	44	2
13VV1A0505	RT31059	SEMINAR	40	0	1
13VV1A0507	RT31051	COMPILER DESIGN	27	41	3
13VV1A0507	RT31052	DATA COMMUNICATION	25	46	3
13VV1A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	54	3
13VV1A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	22	41	3
13VV1A0507	RT31055	OPERATING SYSTEMS	18	49	3
13VV1A0507	RT31056	COMPILER DESIGN LAB	25	48	2
13VV1A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	49	2
13VV1A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	42	2
13VV1A0507	RT31059	SEMINAR	48	0	1

Htno	Subcode	Subname	Internal	External	credits
13VV1A0508	RT31051	COMPILER DESIGN	23	48	3
13VV1A0508	RT31052	DATA COMMUNICATION	26	43	3
13VV1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	56	3
13VV1A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	25	41	3
13VV1A0508	RT31055	OPERATING SYSTEMS	21	49	3
13VV1A0508	RT31056	COMPILER DESIGN LAB	18	32	2
13VV1A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	39	2
13VV1A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	43	2
13VV1A0508	RT31059	SEMINAR	42	0	1
13VV1A0509	RT31051	COMPILER DESIGN	20	36	3
13VV1A0509	RT31052	DATA COMMUNICATION	20	39	3
13VV1A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	45	3
13VV1A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	18	42	3
13VV1A0509	RT31055	OPERATING SYSTEMS	23	48	3
13VV1A0509	RT31056	COMPILER DESIGN LAB	20	32	2
13VV1A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13VV1A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
13VV1A0509	RT31059	SEMINAR	48	0	1
13VV1A0510	RT31051	COMPILER DESIGN	24	51	3
13VV1A0510	RT31052	DATA COMMUNICATION	27	46	3
13VV1A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	52	3
13VV1A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	25	45	3
13VV1A0510	RT31055	OPERATING SYSTEMS	23	44	3
13VV1A0510	RT31056	COMPILER DESIGN LAB	21	39	2
13VV1A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
13VV1A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
13VV1A0510	RT31059	SEMINAR	48	0	1
13VV1A0511	RT31051	COMPILER DESIGN	22	56	3
13VV1A0511	RT31052	DATA COMMUNICATION	28	46	3
13VV1A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	47	3
13VV1A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	23	46	3
13VV1A0511	RT31055	OPERATING SYSTEMS	22	46	3
13VV1A0511	RT31056	COMPILER DESIGN LAB	16	25	2
13VV1A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
13VV1A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	45	2
13VV1A0511	RT31059	SEMINAR	48	0	1
13VV1A0512	RT31051	COMPILER DESIGN	20	43	3
13VV1A0512	RT31052	DATA COMMUNICATION	26	43	3
13VV1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	48	3
13VV1A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	19	41	3
13VV1A0512	RT31055	OPERATING SYSTEMS	22	50	3
13VV1A0512	RT31056	COMPILER DESIGN LAB	14	42	2
13VV1A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	41	2
13VV1A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
13VV1A0512	RT31059	SEMINAR	48	0	1
13VV1A0513	RT31051	COMPILER DESIGN	28	52	3
13VV1A0513	RT31052	DATA COMMUNICATION	25	41	3
13VV1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	44	3
13VV1A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	21	49	3
13VV1A0513	RT31055	OPERATING SYSTEMS	24	40	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0513	RT31056	COMPILER DESIGN LAB	19	33	2
13VV1A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	40	2
13VV1A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	42	2
13VV1A0513	RT31059	SEMINAR	48	0	1
13VV1A0514	RT31051	COMPILER DESIGN	19	43	3
13VV1A0514	RT31052	DATA COMMUNICATION	24	37	3
13VV1A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	49	3
13VV1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	20	37	3
13VV1A0514	RT31055	OPERATING SYSTEMS	26	42	3
13VV1A0514	RT31056	COMPILER DESIGN LAB	10	24	2
13VV1A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	33	2
13VV1A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	39	2
13VV1A0514	RT31059	SEMINAR	42	0	1
13VV1A0515	RT31051	COMPILER DESIGN	25	56	3
13VV1A0515	RT31052	DATA COMMUNICATION	27	42	3
13VV1A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	56	3
13VV1A0515	RT31054	DATABASE MANAGEMENT SYSTEMS	23	51	3
13VV1A0515	RT31055	OPERATING SYSTEMS	28	52	3
13VV1A0515	RT31056	COMPILER DESIGN LAB	20	31	2
13VV1A0515	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13VV1A0515	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13VV1A0515	RT31059	SEMINAR	45	0	1
13VV1A0516	RT31051	COMPILER DESIGN	23	55	3
13VV1A0516	RT31052	DATA COMMUNICATION	28	54	3
13VV1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	50	3
13VV1A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	22	47	3
13VV1A0516	RT31055	OPERATING SYSTEMS	27	53	3
13VV1A0516	RT31056	COMPILER DESIGN LAB	17	29	2
13VV1A0516	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
13VV1A0516	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
13VV1A0516	RT31059	SEMINAR	48	0	1
13VV1A0517	RT31051	COMPILER DESIGN	26	49	3
13VV1A0517	RT31052	DATA COMMUNICATION	23	40	3
13VV1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	41	3
13VV1A0517	RT31054	DATABASE MANAGEMENT SYSTEMS	22	40	3
13VV1A0517	RT31055	OPERATING SYSTEMS	24	51	3
13VV1A0517	RT31056	COMPILER DESIGN LAB	12	30	2
13VV1A0517	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	41	2
13VV1A0517	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
13VV1A0517	RT31059	SEMINAR	48	0	1
13VV1A0518	RT31051	COMPILER DESIGN	13	33	3
13VV1A0518	RT31052	DATA COMMUNICATION	20	44	3
13VV1A0518	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	44	3
13VV1A0518	RT31054	DATABASE MANAGEMENT SYSTEMS	16	11	0
13VV1A0518	RT31055	OPERATING SYSTEMS	20	-1	0
13VV1A0518	RT31056	COMPILER DESIGN LAB	10	9	0
13VV1A0518	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	37	2
13VV1A0518	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	41	2
13VV1A0518	RT31059	SEMINAR	44	0	1
13VV1A0519	RT31051	COMPILER DESIGN	7	55	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0519	RT31052	DATA COMMUNICATION	25	48	3
13VV1A0519	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	55	3
13VV1A0519	RT31054	DATABASE MANAGEMENT SYSTEMS	18	39	3
13VV1A0519	RT31055	OPERATING SYSTEMS	21	47	3
13VV1A0519	RT31056	COMPILER DESIGN LAB	15	18	2
13VV1A0519	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	42	2
13VV1A0519	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	38	2
13VV1A0519	RT31059	SEMINAR	45	0	1
13VV1A0520	RT31051	COMPILER DESIGN	20	58	3
13VV1A0520	RT31052	DATA COMMUNICATION	24	48	3
13VV1A0520	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	50	3
13VV1A0520	RT31054	DATABASE MANAGEMENT SYSTEMS	18	51	3
13VV1A0520	RT31055	OPERATING SYSTEMS	25	54	3
13VV1A0520	RT31056	COMPILER DESIGN LAB	18	32	2
13VV1A0520	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	47	2
13VV1A0520	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
13VV1A0520	RT31059	SEMINAR	48	0	1
13VV1A0521	RT31051	COMPILER DESIGN	16	46	3
13VV1A0521	RT31052	DATA COMMUNICATION	27	40	3
13VV1A0521	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	49	3
13VV1A0521	RT31054	DATABASE MANAGEMENT SYSTEMS	21	39	3
13VV1A0521	RT31055	OPERATING SYSTEMS	21	45	3
13VV1A0521	RT31056	COMPILER DESIGN LAB	16	31	2
13VV1A0521	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	34	2
13VV1A0521	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
13VV1A0521	RT31059	SEMINAR	42	0	1
13VV1A0522	RT31051	COMPILER DESIGN	30	57	3
13VV1A0522	RT31052	DATA COMMUNICATION	26	40	3
13VV1A0522	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	56	3
13VV1A0522	RT31054	DATABASE MANAGEMENT SYSTEMS	23	50	3
13VV1A0522	RT31055	OPERATING SYSTEMS	23	51	3
13VV1A0522	RT31056	COMPILER DESIGN LAB	25	50	2
13VV1A0522	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13VV1A0522	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
13VV1A0522	RT31059	SEMINAR	48	0	1
13VV1A0523	RT31051	COMPILER DESIGN	24	51	3
13VV1A0523	RT31052	DATA COMMUNICATION	22	40	3
13VV1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	45	3
13VV1A0523	RT31054	DATABASE MANAGEMENT SYSTEMS	21	49	3
13VV1A0523	RT31055	OPERATING SYSTEMS	24	37	3
13VV1A0523	RT31056	COMPILER DESIGN LAB	19	45	2
13VV1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	47	2
13VV1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13VV1A0523	RT31059	SEMINAR	45	0	1
13VV1A0524	RT31051	COMPILER DESIGN	24	69	3
13VV1A0524	RT31052	DATA COMMUNICATION	22	39	3
13VV1A0524	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	45	3
13VV1A0524	RT31054	DATABASE MANAGEMENT SYSTEMS	18	48	3
13VV1A0524	RT31055	OPERATING SYSTEMS	26	50	3
13VV1A0524	RT31056	COMPILER DESIGN LAB	20	46	2



Htno	Subcode	Subname	Internal	External	credits
13VV1A0524	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
13VV1A0524	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
13VV1A0524	RT31059	SEMINAR	48	0	1
13VV1A0525	RT31051	COMPILER DESIGN	25	44	3
13VV1A0525	RT31052	DATA COMMUNICATION	27	41	3
13VV1A0525	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	51	3
13VV1A0525	RT31054	DATABASE MANAGEMENT SYSTEMS	19	47	3
13VV1A0525	RT31055	OPERATING SYSTEMS	25	51	3
13VV1A0525	RT31056	COMPILER DESIGN LAB	17	38	2
13VV1A0525	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
13VV1A0525	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13VV1A0525	RT31059	SEMINAR	45	0	1
13VV1A0526	RT31051	COMPILER DESIGN	24	55	3
13VV1A0526	RT31052	DATA COMMUNICATION	25	40	3
13VV1A0526	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	41	3
13VV1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	20	46	3
13VV1A0526	RT31055	OPERATING SYSTEMS	25	50	3
13VV1A0526	RT31056	COMPILER DESIGN LAB	22	43	2
13VV1A0526	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13VV1A0526	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
13VV1A0526	RT31059	SEMINAR	42	0	1
13VV1A0527	RT31051	COMPILER DESIGN	24	54	3
13VV1A0527	RT31052	DATA COMMUNICATION	27	42	3
13VV1A0527	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	45	3
13VV1A0527	RT31054	DATABASE MANAGEMENT SYSTEMS	22	43	3
13VV1A0527	RT31055	OPERATING SYSTEMS	24	46	3
13VV1A0527	RT31056	COMPILER DESIGN LAB	24	37	2
13VV1A0527	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	48	2
13VV1A0527	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13VV1A0527	RT31059	SEMINAR	45	0	1
13VV1A0528	RT31051	COMPILER DESIGN	16	42	3
13VV1A0528	RT31052	DATA COMMUNICATION	21	44	3
13VV1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	47	3
13VV1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	14	37	3
13VV1A0528	RT31055	OPERATING SYSTEMS	20	32	3
13VV1A0528	RT31056	COMPILER DESIGN LAB	19	30	2
13VV1A0528	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	36	2
13VV1A0528	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	39	2
13VV1A0528	RT31059	SEMINAR	42	0	1
13VV1A0529	RT31051	COMPILER DESIGN	19	49	3
13VV1A0529	RT31052	DATA COMMUNICATION	24	28	3
13VV1A0529	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	35	3
13VV1A0529	RT31054	DATABASE MANAGEMENT SYSTEMS	22	42	3
13VV1A0529	RT31055	OPERATING SYSTEMS	19	51	3
13VV1A0529	RT31056	COMPILER DESIGN LAB	13	24	2
13VV1A0529	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	32	2
13VV1A0529	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	38	2
13VV1A0529	RT31059	SEMINAR	45	0	1
13VV1A0530	RT31051	COMPILER DESIGN	16	32	3
13VV1A0530	RT31052	DATA COMMUNICATION	25	30	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0530	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	31	3
13VV1A0530	RT31054	DATABASE MANAGEMENT SYSTEMS	14	33	3
13VV1A0530	RT31055	OPERATING SYSTEMS	20	36	3
13VV1A0530	RT31056	COMPILER DESIGN LAB	14	8	0
13VV1A0530	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	33	2
13VV1A0530	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	39	2
13VV1A0530	RT31059	SEMINAR	42	0	1
13VV1A0531	RT31051	COMPILER DESIGN	28	53	3
13VV1A0531	RT31052	DATA COMMUNICATION	24	46	3
13VV1A0531	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	36	3
13VV1A0531	RT31054	DATABASE MANAGEMENT SYSTEMS	23	46	3
13VV1A0531	RT31055	OPERATING SYSTEMS	26	48	3
13VV1A0531	RT31056	COMPILER DESIGN LAB	24	45	2
13VV1A0531	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
13VV1A0531	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	37	2
13VV1A0531	RT31059	SEMINAR	42	0	1
13VV1A0532	RT31051	COMPILER DESIGN	23	48	3
13VV1A0532	RT31052	DATA COMMUNICATION	25	39	3
13VV1A0532	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	44	3
13VV1A0532	RT31054	DATABASE MANAGEMENT SYSTEMS	22	45	3
13VV1A0532	RT31055	OPERATING SYSTEMS	25	39	3
13VV1A0532	RT31056	COMPILER DESIGN LAB	14	31	2
13VV1A0532	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	36	2
13VV1A0532	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	38	2
13VV1A0532	RT31059	SEMINAR	46	0	1
13VV1A0533	RT31051	COMPILER DESIGN	14	42	3
13VV1A0533	RT31052	DATA COMMUNICATION	15	25	3
13VV1A0533	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	21	18	0
13VV1A0533	RT31054	DATABASE MANAGEMENT SYSTEMS	18	31	3
13VV1A0533	RT31055	OPERATING SYSTEMS	14	27	3
13VV1A0533	RT31056	COMPILER DESIGN LAB	12	22	2
13VV1A0533	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	26	2
13VV1A0533	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	39	2
13VV1A0533	RT31059	SEMINAR	42	0	1
13VV1A0534	RT31051	COMPILER DESIGN	16	50	3
13VV1A0534	RT31052	DATA COMMUNICATION	24	43	3
13VV1A0534	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	50	3
13VV1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	22	48	3
13VV1A0534	RT31055	OPERATING SYSTEMS	23	49	3
13VV1A0534	RT31056	COMPILER DESIGN LAB	13	29	2
13VV1A0534	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	32	2
13VV1A0534	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
13VV1A0534	RT31059	SEMINAR	40	0	1
13VV1A0535	RT31051	COMPILER DESIGN	29	58	3
13VV1A0535	RT31052	DATA COMMUNICATION	28	38	3
13VV1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	45	3
13VV1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	21	45	3
13VV1A0535	RT31055	OPERATING SYSTEMS	23	47	3
13VV1A0535	RT31056	COMPILER DESIGN LAB	23	33	2
13VV1A0535	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	43	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0535	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
13VV1A0535	RT31059	SEMINAR	48	0	1
13VV1A0536	RT31051	COMPILER DESIGN	15	41	3
13VV1A0536	RT31052	DATA COMMUNICATION	25	41	3
13VV1A0536	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	37	3
13VV1A0536	RT31054	DATABASE MANAGEMENT SYSTEMS	17	30	3
13VV1A0536	RT31055	OPERATING SYSTEMS	24	29	3
13VV1A0536	RT31056	COMPILER DESIGN LAB	10	25	2
13VV1A0536	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	33	2
13VV1A0536	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	40	2
13VV1A0536	RT31059	SEMINAR	45	0	1
13VV1A0537	RT31051	COMPILER DESIGN	14	31	3
13VV1A0537	RT31052	DATA COMMUNICATION	19	42	3
13VV1A0537	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
13VV1A0537	RT31054	DATABASE MANAGEMENT SYSTEMS	16	42	3
13VV1A0537	RT31055	OPERATING SYSTEMS	20	36	3
13VV1A0537	RT31056	COMPILER DESIGN LAB	10	9	0
13VV1A0537	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	30	2
13VV1A0537	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	36	2
13VV1A0537	RT31059	SEMINAR	40	0	1
13VV1A0538	RT31051	COMPILER DESIGN	22	57	3
13VV1A0538	RT31052	DATA COMMUNICATION	28	43	3
13VV1A0538	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	46	3
13VV1A0538	RT31054	DATABASE MANAGEMENT SYSTEMS	18	39	3
13VV1A0538	RT31055	OPERATING SYSTEMS	20	44	3
13VV1A0538	RT31056	COMPILER DESIGN LAB	15	18	2
13VV1A0538	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	37	2
13VV1A0538	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
13VV1A0538	RT31059	SEMINAR	42	0	1
13VV1A0539	RT31051	COMPILER DESIGN	23	51	3
13VV1A0539	RT31052	DATA COMMUNICATION	27	41	3
13VV1A0539	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	47	3
13VV1A0539	RT31054	DATABASE MANAGEMENT SYSTEMS	23	47	3
13VV1A0539	RT31055	OPERATING SYSTEMS	22	52	3
13VV1A0539	RT31056	COMPILER DESIGN LAB	16	31	2
13VV1A0539	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	43	2
13VV1A0539	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	39	2
13VV1A0539	RT31059	SEMINAR	47	0	1
13VV1A0540	RT31051	COMPILER DESIGN	22	50	3
13VV1A0540	RT31052	DATA COMMUNICATION	29	60	3
13VV1A0540	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	43	3
13VV1A0540	RT31054	DATABASE MANAGEMENT SYSTEMS	21	45	3
13VV1A0540	RT31055	OPERATING SYSTEMS	23	46	3
13VV1A0540	RT31056	COMPILER DESIGN LAB	14	25	2
13VV1A0540	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	39	2
13VV1A0540	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	41	2
13VV1A0540	RT31059	SEMINAR	46	0	1
13VV1A0541	RT31051	COMPILER DESIGN	9	34	3
13VV1A0541	RT31052	DATA COMMUNICATION	22	36	3
13VV1A0541	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	39	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0541	RT31054	DATABASE MANAGEMENT SYSTEMS	14	38	3
13VV1A0541	RT31055	OPERATING SYSTEMS	14	37	3
13VV1A0541	RT31056	COMPILER DESIGN LAB	8	8	0
13VV1A0541	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	38	2
13VV1A0541	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	36	2
13VV1A0541	RT31059	SEMINAR	43	0	1
13VV1A0542	RT31051	COMPILER DESIGN	12	41	3
13VV1A0542	RT31052	DATA COMMUNICATION	24	48	3
13VV1A0542	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	47	3
13VV1A0542	RT31054	DATABASE MANAGEMENT SYSTEMS	16	47	3
13VV1A0542	RT31055	OPERATING SYSTEMS	13	42	3
13VV1A0542	RT31056	COMPILER DESIGN LAB	14	8	0
13VV1A0542	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	33	2
13VV1A0542	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	39	2
13VV1A0542	RT31059	SEMINAR	47	0	1
13VV1A0543	RT31051	COMPILER DESIGN	12	36	3
13VV1A0543	RT31052	DATA COMMUNICATION	22	46	3
13VV1A0543	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	44	3
13VV1A0543	RT31054	DATABASE MANAGEMENT SYSTEMS	19	35	3
13VV1A0543	RT31055	OPERATING SYSTEMS	14	39	3
13VV1A0543	RT31056	COMPILER DESIGN LAB	9	18	0
13VV1A0543	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	36	2
13VV1A0543	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	36	2
13VV1A0543	RT31059	SEMINAR	42	0	1
13VV1A0544	RT31051	COMPILER DESIGN	21	53	3
13VV1A0544	RT31052	DATA COMMUNICATION	24	39	3
13VV1A0544	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	55	3
13VV1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	21	52	3
13VV1A0544	RT31055	OPERATING SYSTEMS	17	48	3
13VV1A0544	RT31056	COMPILER DESIGN LAB	9	19	0
13VV1A0544	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	38	2
13VV1A0544	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
13VV1A0544	RT31059	SEMINAR	47	0	1
13VV1A0545	RT31051	COMPILER DESIGN	22	42	3
13VV1A0545	RT31052	DATA COMMUNICATION	26	37	3
13VV1A0545	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	47	3
13VV1A0545	RT31054	DATABASE MANAGEMENT SYSTEMS	23	44	3
13VV1A0545	RT31055	OPERATING SYSTEMS	21	52	3
13VV1A0545	RT31056	COMPILER DESIGN LAB	20	37	2
13VV1A0545	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
13VV1A0545	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
13VV1A0545	RT31059	SEMINAR	44	0	1
13VV1A0546	RT31051	COMPILER DESIGN	14	26	3
13VV1A0546	RT31052	DATA COMMUNICATION	25	35	3
13VV1A0546	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	24	3
13VV1A0546	RT31054	DATABASE MANAGEMENT SYSTEMS	19	24	3
13VV1A0546	RT31055	OPERATING SYSTEMS	18	33	3
13VV1A0546	RT31056	COMPILER DESIGN LAB	11	19	2
13VV1A0546	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
13VV1A0546	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A0546	RT31059	SEMINAR	47	0	1
13VV1A0547	RT31051	COMPILER DESIGN	26	48	3
13VV1A0547	RT31052	DATA COMMUNICATION	28	36	3
13VV1A0547	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	43	3
13VV1A0547	RT31054	DATABASE MANAGEMENT SYSTEMS	19	48	3
13VV1A0547	RT31055	OPERATING SYSTEMS	18	48	3
13VV1A0547	RT31056	COMPILER DESIGN LAB	18	30	2
13VV1A0547	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	35	2
13VV1A0547	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
13VV1A0547	RT31059	SEMINAR	46	0	1
13VV1A0548	RT31051	COMPILER DESIGN	19	55	3
13VV1A0548	RT31052	DATA COMMUNICATION	27	46	3
13VV1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	49	3
13VV1A0548	RT31054	DATABASE MANAGEMENT SYSTEMS	22	51	3
13VV1A0548	RT31055	OPERATING SYSTEMS	23	54	3
13VV1A0548	RT31056	COMPILER DESIGN LAB	14	25	2
13VV1A0548	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
13VV1A0548	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	41	2
13VV1A0548	RT31059	SEMINAR	44	0	1
13VV1A0549	RT31051	COMPILER DESIGN	22	51	3
13VV1A0549	RT31052	DATA COMMUNICATION	28	54	3
13VV1A0549	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	46	3
13VV1A0549	RT31054	DATABASE MANAGEMENT SYSTEMS	21	52	3
13VV1A0549	RT31055	OPERATING SYSTEMS	23	53	3
13VV1A0549	RT31056	COMPILER DESIGN LAB	18	30	2
13VV1A0549	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	39	2
13VV1A0549	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
13VV1A0549	RT31059	SEMINAR	42	0	1
13VV1A0550	RT31051	COMPILER DESIGN	17	41	3
13VV1A0550	RT31052	DATA COMMUNICATION	28	40	3
13VV1A0550	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	58	3
13VV1A0550	RT31054	DATABASE MANAGEMENT SYSTEMS	22	48	3
13VV1A0550	RT31055	OPERATING SYSTEMS	23	49	3
13VV1A0550	RT31056	COMPILER DESIGN LAB	10	20	2
13VV1A0550	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	33	2
13VV1A0550	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	38	2
13VV1A0550	RT31059	SEMINAR	48	0	1
13VV1A0551	RT31051	COMPILER DESIGN	15	57	3
13VV1A0551	RT31052	DATA COMMUNICATION	24	42	3
13VV1A0551	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	51	3
13VV1A0551	RT31054	DATABASE MANAGEMENT SYSTEMS	21	43	3
13VV1A0551	RT31055	OPERATING SYSTEMS	20	48	3
13VV1A0551	RT31056	COMPILER DESIGN LAB	12	33	2
13VV1A0551	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	39	2
13VV1A0551	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	38	2
13VV1A0551	RT31059	SEMINAR	40	0	1
13VV1A0552	RT31051	COMPILER DESIGN	17	43	3
13VV1A0552	RT31052	DATA COMMUNICATION	25	42	3
13VV1A0552	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	35	3
13VV1A0552	RT31054	DATABASE MANAGEMENT SYSTEMS	19	34	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A0552	RT31055	OPERATING SYSTEMS	16	44	3
13VV1A0552	RT31056	COMPILER DESIGN LAB	12	8	0
13VV1A0552	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	41	2
13VV1A0552	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	40	2
13VV1A0552	RT31059	SEMINAR	48	0	1
13VV1A0553	RT31051	COMPILER DESIGN	28	55	3
13VV1A0553	RT31052	DATA COMMUNICATION	27	48	3
13VV1A0553	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	51	3
13VV1A0553	RT31054	DATABASE MANAGEMENT SYSTEMS	25	50	3
13VV1A0553	RT31055	OPERATING SYSTEMS	25	56	3
13VV1A0553	RT31056	COMPILER DESIGN LAB	24	46	2
13VV1A0553	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13VV1A0553	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	49	2
13VV1A0553	RT31059	SEMINAR	48	0	1
13VV1A0554	RT31051	COMPILER DESIGN	21	49	3
13VV1A0554	RT31052	DATA COMMUNICATION	26	40	3
13VV1A0554	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	47	3
13VV1A0554	RT31054	DATABASE MANAGEMENT SYSTEMS	20	40	3
13VV1A0554	RT31055	OPERATING SYSTEMS	23	46	3
13VV1A0554	RT31056	COMPILER DESIGN LAB	21	47	2
13VV1A0554	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
13VV1A0554	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
13VV1A0554	RT31059	SEMINAR	40	0	1
13VV1A0556	RT31051	COMPILER DESIGN	19	48	3
13VV1A0556	RT31052	DATA COMMUNICATION	24	40	3
13VV1A0556	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	43	3
13VV1A0556	RT31054	DATABASE MANAGEMENT SYSTEMS	21	33	3
13VV1A0556	RT31055	OPERATING SYSTEMS	15	41	3
13VV1A0556	RT31056	COMPILER DESIGN LAB	10	18	0
13VV1A0556	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	34	2
13VV1A0556	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	20	41	2
13VV1A0556	RT31059	SEMINAR	42	0	1
13VV1A0557	RT31051	COMPILER DESIGN	23	50	3
13VV1A0557	RT31052	DATA COMMUNICATION	27	38	3
13VV1A0557	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	40	3
13VV1A0557	RT31054	DATABASE MANAGEMENT SYSTEMS	21	39	3
13VV1A0557	RT31055	OPERATING SYSTEMS	20	45	3
13VV1A0557	RT31056	COMPILER DESIGN LAB	11	23	2
13VV1A0557	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	33	2
13VV1A0557	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
13VV1A0557	RT31059	SEMINAR	45	0	1
13VV1A1201	RT31052	DATA COMMUNICATION	21	45	3
13VV1A1201	RT31054	DATABASE MANAGEMENT SYSTEMS	23	37	3
13VV1A1201	RT31055	OPERATING SYSTEMS	17	46	3
13VV1A1201	RT31059	SEMINAR	40	0	1
13VV1A1201	RT31121	SOFTWARE ENGINEERING	22	47	3
13VV1A1201	RT31123	ADVANCED JAVA	24	33	3
13VV1A1201	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1201	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
13VV1A1201	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A1203	RT31052	DATA COMMUNICATION	25	48	3
13VV1A1203	RT31054	DATABASE MANAGEMENT SYSTEMS	24	39	3
13VV1A1203	RT31055	OPERATING SYSTEMS	18	57	3
13VV1A1203	RT31059	SEMINAR	38	0	1
13VV1A1203	RT31121	SOFTWARE ENGINEERING	22	43	3
13VV1A1203	RT31123	ADVANCED JAVA	25	38	3
13VV1A1203	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1203	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	40	2
13VV1A1203	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
13VV1A1204	RT31052	DATA COMMUNICATION	26	48	3
13VV1A1204	RT31054	DATABASE MANAGEMENT SYSTEMS	27	47	3
13VV1A1204	RT31055	OPERATING SYSTEMS	23	58	3
13VV1A1204	RT31059	SEMINAR	46	0	1
13VV1A1204	RT31121	SOFTWARE ENGINEERING	23	50	3
13VV1A1204	RT31123	ADVANCED JAVA	28	39	3
13VV1A1204	RT31126	ADVANCED JAVA LAB	25	48	2
13VV1A1204	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	47	2
13VV1A1204	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13VV1A1205	RT31052	DATA COMMUNICATION	20	24	3
13VV1A1205	RT31054	DATABASE MANAGEMENT SYSTEMS	27	40	3
13VV1A1205	RT31055	OPERATING SYSTEMS	12	55	3
13VV1A1205	RT31059	SEMINAR	45	0	1
13VV1A1205	RT31121	SOFTWARE ENGINEERING	23	42	3
13VV1A1205	RT31123	ADVANCED JAVA	27	33	3
13VV1A1205	RT31126	ADVANCED JAVA LAB	25	48	2
13VV1A1205	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13VV1A1205	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13VV1A1206	RT31052	DATA COMMUNICATION	23	42	3
13VV1A1206	RT31054	DATABASE MANAGEMENT SYSTEMS	25	46	3
13VV1A1206	RT31055	OPERATING SYSTEMS	23	56	3
13VV1A1206	RT31059	SEMINAR	44	0	1
13VV1A1206	RT31121	SOFTWARE ENGINEERING	23	35	3
13VV1A1206	RT31123	ADVANCED JAVA	27	16	0
13VV1A1206	RT31126	ADVANCED JAVA LAB	23	48	2
13VV1A1206	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	46	2
13VV1A1206	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
13VV1A1207	RT31052	DATA COMMUNICATION	23	42	3
13VV1A1207	RT31054	DATABASE MANAGEMENT SYSTEMS	23	41	3
13VV1A1207	RT31055	OPERATING SYSTEMS	21	52	3
13VV1A1207	RT31059	SEMINAR	43	0	1
13VV1A1207	RT31121	SOFTWARE ENGINEERING	22	54	3
13VV1A1207	RT31123	ADVANCED JAVA	29	30	3
13VV1A1207	RT31126	ADVANCED JAVA LAB	25	47	2
13VV1A1207	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	42	2
13VV1A1207	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	47	2
13VV1A1208	RT31052	DATA COMMUNICATION	26	50	3
13VV1A1208	RT31054	DATABASE MANAGEMENT SYSTEMS	25	42	3
13VV1A1208	RT31055	OPERATING SYSTEMS	20	60	3
13VV1A1208	RT31059	SEMINAR	45	0	1
13VV1A1208	RT31121	SOFTWARE ENGINEERING	24	58	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A1208	RT31123	ADVANCED JAVA	29	38	3
13VV1A1208	RT31126	ADVANCED JAVA LAB	25	48	2
13VV1A1208	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	45	2
13VV1A1208	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13VV1A1209	RT31052	DATA COMMUNICATION	27	60	3
13VV1A1209	RT31054	DATABASE MANAGEMENT SYSTEMS	24	44	3
13VV1A1209	RT31055	OPERATING SYSTEMS	18	50	3
13VV1A1209	RT31059	SEMINAR	38	0	1
13VV1A1209	RT31121	SOFTWARE ENGINEERING	23	53	3
13VV1A1209	RT31123	ADVANCED JAVA	27	34	3
13VV1A1209	RT31126	ADVANCED JAVA LAB	22	46	2
13VV1A1209	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13VV1A1209	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
13VV1A1210	RT31052	DATA COMMUNICATION	27	42	3
13VV1A1210	RT31054	DATABASE MANAGEMENT SYSTEMS	21	49	3
13VV1A1210	RT31055	OPERATING SYSTEMS	19	49	3
13VV1A1210	RT31059	SEMINAR	40	0	1
13VV1A1210	RT31121	SOFTWARE ENGINEERING	20	44	3
13VV1A1210	RT31123	ADVANCED JAVA	23	28	3
13VV1A1210	RT31126	ADVANCED JAVA LAB	20	40	2
13VV1A1210	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	41	2
13VV1A1210	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	18	41	2
13VV1A1211	RT31052	DATA COMMUNICATION	27	52	3
13VV1A1211	RT31054	DATABASE MANAGEMENT SYSTEMS	22	41	3
13VV1A1211	RT31055	OPERATING SYSTEMS	24	50	3
13VV1A1211	RT31059	SEMINAR	37	0	1
13VV1A1211	RT31121	SOFTWARE ENGINEERING	22	49	3
13VV1A1211	RT31123	ADVANCED JAVA	25	36	3
13VV1A1211	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1211	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	41	2
13VV1A1211	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13VV1A1212	RT31052	DATA COMMUNICATION	28	45	3
13VV1A1212	RT31054	DATABASE MANAGEMENT SYSTEMS	21	47	3
13VV1A1212	RT31055	OPERATING SYSTEMS	21	56	3
13VV1A1212	RT31059	SEMINAR	42	0	1
13VV1A1212	RT31121	SOFTWARE ENGINEERING	22	50	3
13VV1A1212	RT31123	ADVANCED JAVA	27	32	3
13VV1A1212	RT31126	ADVANCED JAVA LAB	22	46	2
13VV1A1212	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
13VV1A1212	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
13VV1A1213	RT31052	DATA COMMUNICATION	24	38	3
13VV1A1213	RT31054	DATABASE MANAGEMENT SYSTEMS	19	47	3
13VV1A1213	RT31055	OPERATING SYSTEMS	17	48	3
13VV1A1213	RT31059	SEMINAR	39	0	1
13VV1A1213	RT31121	SOFTWARE ENGINEERING	22	41	3
13VV1A1213	RT31123	ADVANCED JAVA	23	18	0
13VV1A1213	RT31126	ADVANCED JAVA LAB	21	45	2
13VV1A1213	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
13VV1A1213	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
13VV1A1214	RT31052	DATA COMMUNICATION	27	45	3



Htno	Subcode	Subname	Internal	External	credits
13VV1A1214	RT31054	DATABASE MANAGEMENT SYSTEMS	29	45	3
13VV1A1214	RT31055	OPERATING SYSTEMS	24	54	3
13VV1A1214	RT31059	SEMINAR	44	0	1
13VV1A1214	RT31121	SOFTWARE ENGINEERING	23	53	3
13VV1A1214	RT31123	ADVANCED JAVA	27	38	3
13VV1A1214	RT31126	ADVANCED JAVA LAB	24	48	2
13VV1A1214	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	47	2
13VV1A1214	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	24	49	2
13VV1A1215	RT31052	DATA COMMUNICATION	27	48	3
13VV1A1215	RT31054	DATABASE MANAGEMENT SYSTEMS	23	42	3
13VV1A1215	RT31055	OPERATING SYSTEMS	21	53	3
13VV1A1215	RT31059	SEMINAR	40	0	1
13VV1A1215	RT31121	SOFTWARE ENGINEERING	22	50	3
13VV1A1215	RT31123	ADVANCED JAVA	25	39	3
13VV1A1215	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1215	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
13VV1A1215	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13VV1A1216	RT31052	DATA COMMUNICATION	27	48	3
13VV1A1216	RT31054	DATABASE MANAGEMENT SYSTEMS	23	38	3
13VV1A1216	RT31055	OPERATING SYSTEMS	23	56	3
13VV1A1216	RT31059	SEMINAR	41	0	1
13VV1A1216	RT31121	SOFTWARE ENGINEERING	24	53	3
13VV1A1216	RT31123	ADVANCED JAVA	28	40	3
13VV1A1216	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1216	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13VV1A1216	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	44	2
13VV1A1217	RT31052	DATA COMMUNICATION	27	42	3
13VV1A1217	RT31054	DATABASE MANAGEMENT SYSTEMS	22	41	3
13VV1A1217	RT31055	OPERATING SYSTEMS	17	50	3
13VV1A1217	RT31059	SEMINAR	36	0	1
13VV1A1217	RT31121	SOFTWARE ENGINEERING	21	52	3
13VV1A1217	RT31123	ADVANCED JAVA	21	28	3
13VV1A1217	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1217	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	42	2
13VV1A1217	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	45	2
13VV1A1218	RT31052	DATA COMMUNICATION	24	44	3
13VV1A1218	RT31054	DATABASE MANAGEMENT SYSTEMS	25	37	3
13VV1A1218	RT31055	OPERATING SYSTEMS	18	54	3
13VV1A1218	RT31059	SEMINAR	42	0	1
13VV1A1218	RT31121	SOFTWARE ENGINEERING	21	39	3
13VV1A1218	RT31123	ADVANCED JAVA	25	37	3
13VV1A1218	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1218	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	43	2
13VV1A1218	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	41	2
13VV1A1219	RT31052	DATA COMMUNICATION	27	44	3
13VV1A1219	RT31054	DATABASE MANAGEMENT SYSTEMS	27	40	3
13VV1A1219	RT31055	OPERATING SYSTEMS	22	59	3
13VV1A1219	RT31059	SEMINAR	39	0	1
13VV1A1219	RT31121	SOFTWARE ENGINEERING	20	46	3
13VV1A1219	RT31123	ADVANCED JAVA	27	34	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A1219	RT31126	ADVANCED JAVA LAB	22	46	2
13VV1A1219	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	47	2
13VV1A1219	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13VV1A1220	RT31052	DATA COMMUNICATION	27	45	3
13VV1A1220	RT31054	DATABASE MANAGEMENT SYSTEMS	23	45	3
13VV1A1220	RT31055	OPERATING SYSTEMS	16	51	3
13VV1A1220	RT31059	SEMINAR	42	0	1
13VV1A1220	RT31121	SOFTWARE ENGINEERING	21	46	3
13VV1A1220	RT31123	ADVANCED JAVA	23	25	3
13VV1A1220	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1220	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	48	2
13VV1A1220	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13VV1A1221	RT31052	DATA COMMUNICATION	26	30	3
13VV1A1221	RT31054	DATABASE MANAGEMENT SYSTEMS	24	38	3
13VV1A1221	RT31055	OPERATING SYSTEMS	16	42	3
13VV1A1221	RT31059	SEMINAR	40	0	1
13VV1A1221	RT31121	SOFTWARE ENGINEERING	22	48	3
13VV1A1221	RT31123	ADVANCED JAVA	27	33	3
13VV1A1221	RT31126	ADVANCED JAVA LAB	20	41	2
13VV1A1221	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	45	2
13VV1A1221	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
13VV1A1222	RT31052	DATA COMMUNICATION	21	45	3
13VV1A1222	RT31054	DATABASE MANAGEMENT SYSTEMS	22	40	3
13VV1A1222	RT31055	OPERATING SYSTEMS	19	46	3
13VV1A1222	RT31059	SEMINAR	43	0	1
13VV1A1222	RT31121	SOFTWARE ENGINEERING	23	52	3
13VV1A1222	RT31123	ADVANCED JAVA	27	31	3
13VV1A1222	RT31126	ADVANCED JAVA LAB	21	44	2
13VV1A1222	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13VV1A1222	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
13VV1A1223	RT31052	DATA COMMUNICATION	28	48	3
13VV1A1223	RT31054	DATABASE MANAGEMENT SYSTEMS	22	45	3
13VV1A1223	RT31055	OPERATING SYSTEMS	19	54	3
13VV1A1223	RT31059	SEMINAR	40	0	1
13VV1A1223	RT31121	SOFTWARE ENGINEERING	20	58	3
13VV1A1223	RT31123	ADVANCED JAVA	25	40	3
13VV1A1223	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1223	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	47	2
13VV1A1223	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13VV1A1224	RT31052	DATA COMMUNICATION	27	48	3
13VV1A1224	RT31054	DATABASE MANAGEMENT SYSTEMS	24	41	3
13VV1A1224	RT31055	OPERATING SYSTEMS	24	61	3
13VV1A1224	RT31059	SEMINAR	35	0	1
13VV1A1224	RT31121	SOFTWARE ENGINEERING	22	52	3
13VV1A1224	RT31123	ADVANCED JAVA	28	33	3
13VV1A1224	RT31126	ADVANCED JAVA LAB	23	45	2
13VV1A1224	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
13VV1A1224	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
13VV1A1225	RT31052	DATA COMMUNICATION	28	52	3
13VV1A1225	RT31054	DATABASE MANAGEMENT SYSTEMS	25	47	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A1225	RT31055	OPERATING SYSTEMS	25	61	3
13VV1A1225	RT31059	SEMINAR	43	0	1
13VV1A1225	RT31121	SOFTWARE ENGINEERING	22	50	3
13VV1A1225	RT31123	ADVANCED JAVA	28	44	3
13VV1A1225	RT31126	ADVANCED JAVA LAB	22	45	2
13VV1A1225	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	46	2
13VV1A1225	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
13VV1A1226	RT31052	DATA COMMUNICATION	27	48	3
13VV1A1226	RT31054	DATABASE MANAGEMENT SYSTEMS	22	45	3
13VV1A1226	RT31055	OPERATING SYSTEMS	20	59	3
13VV1A1226	RT31059	SEMINAR	40	0	1
13VV1A1226	RT31121	SOFTWARE ENGINEERING	21	53	3
13VV1A1226	RT31123	ADVANCED JAVA	29	33	3
13VV1A1226	RT31126	ADVANCED JAVA LAB	23	46	2
13VV1A1226	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	44	2
13VV1A1226	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
13VV1A1227	RT31052	DATA COMMUNICATION	20	42	3
13VV1A1227	RT31054	DATABASE MANAGEMENT SYSTEMS	18	39	3
13VV1A1227	RT31055	OPERATING SYSTEMS	17	48	3
13VV1A1227	RT31059	SEMINAR	40	0	1
13VV1A1227	RT31121	SOFTWARE ENGINEERING	21	44	3
13VV1A1227	RT31123	ADVANCED JAVA	23	29	3
13VV1A1227	RT31126	ADVANCED JAVA LAB	21	44	2
13VV1A1227	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	41	2
13VV1A1227	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	44	2
13VV1A1228	RT31052	DATA COMMUNICATION	22	43	3
13VV1A1228	RT31054	DATABASE MANAGEMENT SYSTEMS	23	41	3
13VV1A1228	RT31055	OPERATING SYSTEMS	15	49	3
13VV1A1228	RT31059	SEMINAR	38	0	1
13VV1A1228	RT31121	SOFTWARE ENGINEERING	21	44	3
13VV1A1228	RT31123	ADVANCED JAVA	23	29	3
13VV1A1228	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1228	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	41	2
13VV1A1228	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
13VV1A1229	RT31052	DATA COMMUNICATION	28	48	3
13VV1A1229	RT31054	DATABASE MANAGEMENT SYSTEMS	22	41	3
13VV1A1229	RT31055	OPERATING SYSTEMS	18	42	3
13VV1A1229	RT31059	SEMINAR	39	0	1
13VV1A1229	RT31121	SOFTWARE ENGINEERING	22	54	3
13VV1A1229	RT31123	ADVANCED JAVA	24	36	3
13VV1A1229	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1229	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
13VV1A1229	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
13VV1A1230	RT31052	DATA COMMUNICATION	21	45	3
13VV1A1230	RT31054	DATABASE MANAGEMENT SYSTEMS	20	34	3
13VV1A1230	RT31055	OPERATING SYSTEMS	17	48	3
13VV1A1230	RT31059	SEMINAR	40	0	1
13VV1A1230	RT31121	SOFTWARE ENGINEERING	20	40	3
13VV1A1230	RT31123	ADVANCED JAVA	22	35	3
13VV1A1230	RT31126	ADVANCED JAVA LAB	20	42	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A1230	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	41	2
13VV1A1230	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
13VV1A1231	RT31052	DATA COMMUNICATION	22	59	3
13VV1A1231	RT31054	DATABASE MANAGEMENT SYSTEMS	21	42	3
13VV1A1231	RT31055	OPERATING SYSTEMS	14	55	3
13VV1A1231	RT31059	SEMINAR	42	0	1
13VV1A1231	RT31121	SOFTWARE ENGINEERING	23	52	3
13VV1A1231	RT31123	ADVANCED JAVA	27	34	3
13VV1A1231	RT31126	ADVANCED JAVA LAB	20	47	2
13VV1A1231	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13VV1A1231	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13VV1A1232	RT31052	DATA COMMUNICATION	25	32	3
13VV1A1232	RT31054	DATABASE MANAGEMENT SYSTEMS	21	42	3
13VV1A1232	RT31055	OPERATING SYSTEMS	19	42	3
13VV1A1232	RT31059	SEMINAR	36	0	1
13VV1A1232	RT31121	SOFTWARE ENGINEERING	20	44	3
13VV1A1232	RT31123	ADVANCED JAVA	24	29	3
13VV1A1232	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1232	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	43	2
13VV1A1232	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
13VV1A1233	RT31052	DATA COMMUNICATION	25	42	3
13VV1A1233	RT31054	DATABASE MANAGEMENT SYSTEMS	26	39	3
13VV1A1233	RT31055	OPERATING SYSTEMS	20	54	3
13VV1A1233	RT31059	SEMINAR	40	0	1
13VV1A1233	RT31121	SOFTWARE ENGINEERING	23	43	3
13VV1A1233	RT31123	ADVANCED JAVA	24	29	3
13VV1A1233	RT31126	ADVANCED JAVA LAB	21	44	2
13VV1A1233	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
13VV1A1233	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13VV1A1234	RT31052	DATA COMMUNICATION	27	40	3
13VV1A1234	RT31054	DATABASE MANAGEMENT SYSTEMS	25	49	3
13VV1A1234	RT31055	OPERATING SYSTEMS	20	57	3
13VV1A1234	RT31059	SEMINAR	41	0	1
13VV1A1234	RT31121	SOFTWARE ENGINEERING	21	57	3
13VV1A1234	RT31123	ADVANCED JAVA	24	41	3
13VV1A1234	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1234	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	47	2
13VV1A1234	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
13VV1A1235	RT31052	DATA COMMUNICATION	19	35	3
13VV1A1235	RT31054	DATABASE MANAGEMENT SYSTEMS	23	31	3
13VV1A1235	RT31055	OPERATING SYSTEMS	15	40	3
13VV1A1235	RT31059	SEMINAR	40	0	1
13VV1A1235	RT31121	SOFTWARE ENGINEERING	21	30	3
13VV1A1235	RT31123	ADVANCED JAVA	22	24	3
13VV1A1235	RT31126	ADVANCED JAVA LAB	18	37	2
13VV1A1235	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	43	2
13VV1A1235	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	44	2
13VV1A1236	RT31052	DATA COMMUNICATION	24	36	3
13VV1A1236	RT31054	DATABASE MANAGEMENT SYSTEMS	22	34	3
13VV1A1236	RT31055	OPERATING SYSTEMS	17	52	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A1236	RT31059	SEMINAR	42	0	1
13VV1A1236	RT31121	SOFTWARE ENGINEERING	22	49	3
13VV1A1236	RT31123	ADVANCED JAVA	22	24	3
13VV1A1236	RT31126	ADVANCED JAVA LAB	21	44	2
13VV1A1236	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
13VV1A1236	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	41	2
13VV1A1237	RT31052	DATA COMMUNICATION	26	40	3
13VV1A1237	RT31054	DATABASE MANAGEMENT SYSTEMS	23	35	3
13VV1A1237	RT31055	OPERATING SYSTEMS	19	51	3
13VV1A1237	RT31059	SEMINAR	40	0	1
13VV1A1237	RT31121	SOFTWARE ENGINEERING	22	48	3
13VV1A1237	RT31123	ADVANCED JAVA	23	31	3
13VV1A1237	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1237	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13VV1A1237	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
13VV1A1238	RT31052	DATA COMMUNICATION	28	40	3
13VV1A1238	RT31054	DATABASE MANAGEMENT SYSTEMS	25	45	3
13VV1A1238	RT31055	OPERATING SYSTEMS	24	51	3
13VV1A1238	RT31059	SEMINAR	47	0	1
13VV1A1238	RT31121	SOFTWARE ENGINEERING	22	56	3
13VV1A1238	RT31123	ADVANCED JAVA	30	37	3
13VV1A1238	RT31126	ADVANCED JAVA LAB	25	49	2
13VV1A1238	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	47	2
13VV1A1238	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
13VV1A1239	RT31052	DATA COMMUNICATION	23	34	3
13VV1A1239	RT31054	DATABASE MANAGEMENT SYSTEMS	19	48	3
13VV1A1239	RT31055	OPERATING SYSTEMS	17	47	3
13VV1A1239	RT31059	SEMINAR	43	0	1
13VV1A1239	RT31121	SOFTWARE ENGINEERING	21	46	3
13VV1A1239	RT31123	ADVANCED JAVA	24	34	3
13VV1A1239	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1239	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	41	2
13VV1A1239	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	45	2
13VV1A1240	RT31052	DATA COMMUNICATION	27	46	3
13VV1A1240	RT31054	DATABASE MANAGEMENT SYSTEMS	27	46	3
13VV1A1240	RT31055	OPERATING SYSTEMS	21	56	3
13VV1A1240	RT31059	SEMINAR	44	0	1
13VV1A1240	RT31121	SOFTWARE ENGINEERING	22	47	3
13VV1A1240	RT31123	ADVANCED JAVA	26	37	3
13VV1A1240	RT31126	ADVANCED JAVA LAB	23	47	2
13VV1A1240	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	46	2
13VV1A1240	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
13VV1A1241	RT31052	DATA COMMUNICATION	21	39	3
13VV1A1241	RT31054	DATABASE MANAGEMENT SYSTEMS	20	34	3
13VV1A1241	RT31055	OPERATING SYSTEMS	15	43	3
13VV1A1241	RT31059	SEMINAR	40	0	1
13VV1A1241	RT31121	SOFTWARE ENGINEERING	21	41	3
13VV1A1241	RT31123	ADVANCED JAVA	21	24	3
13VV1A1241	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1241	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A1241	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
13VV1A1242	RT31052	DATA COMMUNICATION	26	36	3
13VV1A1242	RT31054	DATABASE MANAGEMENT SYSTEMS	24	43	3
13VV1A1242	RT31055	OPERATING SYSTEMS	21	53	3
13VV1A1242	RT31059	SEMINAR	39	0	1
13VV1A1242	RT31121	SOFTWARE ENGINEERING	22	57	3
13VV1A1242	RT31123	ADVANCED JAVA	24	43	3
13VV1A1242	RT31126	ADVANCED JAVA LAB	20	41	2
13VV1A1242	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
13VV1A1242	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
13VV1A1243	RT31052	DATA COMMUNICATION	26	48	3
13VV1A1243	RT31054	DATABASE MANAGEMENT SYSTEMS	22	37	3
13VV1A1243	RT31055	OPERATING SYSTEMS	16	53	3
13VV1A1243	RT31059	SEMINAR	41	0	1
13VV1A1243	RT31121	SOFTWARE ENGINEERING	20	46	3
13VV1A1243	RT31123	ADVANCED JAVA	22	36	3
13VV1A1243	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1243	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	43	2
13VV1A1243	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
13VV1A1244	RT31052	DATA COMMUNICATION	21	38	3
13VV1A1244	RT31054	DATABASE MANAGEMENT SYSTEMS	21	31	3
13VV1A1244	RT31055	OPERATING SYSTEMS	15	39	3
13VV1A1244	RT31059	SEMINAR	40	0	1
13VV1A1244	RT31121	SOFTWARE ENGINEERING	21	44	3
13VV1A1244	RT31123	ADVANCED JAVA	23	24	3
13VV1A1244	RT31126	ADVANCED JAVA LAB	20	41	2
13VV1A1244	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
13VV1A1244	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
13VV1A1245	RT31052	DATA COMMUNICATION	22	24	3
13VV1A1245	RT31054	DATABASE MANAGEMENT SYSTEMS	20	35	3
13VV1A1245	RT31055	OPERATING SYSTEMS	16	40	3
13VV1A1245	RT31059	SEMINAR	43	0	1
13VV1A1245	RT31121	SOFTWARE ENGINEERING	21	40	3
13VV1A1245	RT31123	ADVANCED JAVA	23	32	3
13VV1A1245	RT31126	ADVANCED JAVA LAB	20	43	2
13VV1A1245	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	43	2
13VV1A1245	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
13VV1A1246	RT31052	DATA COMMUNICATION	19	35	3
13VV1A1246	RT31054	DATABASE MANAGEMENT SYSTEMS	19	39	3
13VV1A1246	RT31055	OPERATING SYSTEMS	17	45	3
13VV1A1246	RT31059	SEMINAR	38	0	1
13VV1A1246	RT31121	SOFTWARE ENGINEERING	21	43	3
13VV1A1246	RT31123	ADVANCED JAVA	22	40	3
13VV1A1246	RT31126	ADVANCED JAVA LAB	19	39	2
13VV1A1246	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	43	2
13VV1A1246	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	41	2
13VV1A1247	RT31052	DATA COMMUNICATION	17	32	3
13VV1A1247	RT31054	DATABASE MANAGEMENT SYSTEMS	24	47	3
13VV1A1247	RT31055	OPERATING SYSTEMS	17	48	3
13VV1A1247	RT31059	SEMINAR	44	0	1

Htno	Subcode	Subname	Internal	External	credits
13VV1A1247	RT31121	SOFTWARE ENGINEERING	22	49	3
13VV1A1247	RT31123	ADVANCED JAVA	25	39	3
13VV1A1247	RT31126	ADVANCED JAVA LAB	20	42	2
13VV1A1247	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
13VV1A1247	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
13VV1A1248	RT31052	DATA COMMUNICATION	25	37	3
13VV1A1248	RT31054	DATABASE MANAGEMENT SYSTEMS	21	39	3
13VV1A1248	RT31055	OPERATING SYSTEMS	17	52	3
13VV1A1248	RT31059	SEMINAR	38	0	1
13VV1A1248	RT31121	SOFTWARE ENGINEERING	20	52	3
13VV1A1248	RT31123	ADVANCED JAVA	21	39	3
13VV1A1248	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1248	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	44	2
13VV1A1248	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	44	2
13VV1A1249	RT31052	DATA COMMUNICATION	25	48	3
13VV1A1249	RT31054	DATABASE MANAGEMENT SYSTEMS	28	45	3
13VV1A1249	RT31055	OPERATING SYSTEMS	25	58	3
13VV1A1249	RT31059	SEMINAR	44	0	1
13VV1A1249	RT31121	SOFTWARE ENGINEERING	23	54	3
13VV1A1249	RT31123	ADVANCED JAVA	29	47	3
13VV1A1249	RT31126	ADVANCED JAVA LAB	24	47	2
13VV1A1249	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
13VV1A1249	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	47	2
13VV1A1251	RT31052	DATA COMMUNICATION	26	44	3
13VV1A1251	RT31054	DATABASE MANAGEMENT SYSTEMS	23	30	3
13VV1A1251	RT31055	OPERATING SYSTEMS	23	49	3
13VV1A1251	RT31059	SEMINAR	45	0	1
13VV1A1251	RT31121	SOFTWARE ENGINEERING	21	46	3
13VV1A1251	RT31123	ADVANCED JAVA	25	38	3
13VV1A1251	RT31126	ADVANCED JAVA LAB	22	45	2
13VV1A1251	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
13VV1A1251	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13VV1A1252	RT31052	DATA COMMUNICATION	27	40	3
13VV1A1252	RT31054	DATABASE MANAGEMENT SYSTEMS	24	39	3
13VV1A1252	RT31055	OPERATING SYSTEMS	18	48	3
13VV1A1252	RT31059	SEMINAR	41	0	1
13VV1A1252	RT31121	SOFTWARE ENGINEERING	21	48	3
13VV1A1252	RT31123	ADVANCED JAVA	24	35	3
13VV1A1252	RT31126	ADVANCED JAVA LAB	20	40	2
13VV1A1252	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
13VV1A1252	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13VV1A1253	RT31052	DATA COMMUNICATION	23	29	3
13VV1A1253	RT31054	DATABASE MANAGEMENT SYSTEMS	21	26	3
13VV1A1253	RT31055	OPERATING SYSTEMS	17	35	3
13VV1A1253	RT31059	SEMINAR	39	0	1
13VV1A1253	RT31121	SOFTWARE ENGINEERING	18	37	3
13VV1A1253	RT31123	ADVANCED JAVA	23	28	3
13VV1A1253	RT31126	ADVANCED JAVA LAB	18	36	2
13VV1A1253	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	41	2
13VV1A1253	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	39	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A1254	RT31052	DATA COMMUNICATION	23	40	3
13VV1A1254	RT31054	DATABASE MANAGEMENT SYSTEMS	26	48	3
13VV1A1254	RT31055	OPERATING SYSTEMS	19	55	3
13VV1A1254	RT31059	SEMINAR	44	0	1
13VV1A1254	RT31121	SOFTWARE ENGINEERING	21	47	3
13VV1A1254	RT31123	ADVANCED JAVA	29	34	3
13VV1A1254	RT31126	ADVANCED JAVA LAB	22	46	2
13VV1A1254	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	46	2
13VV1A1254	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
13VV1A1255	RT31052	DATA COMMUNICATION	24	42	3
13VV1A1255	RT31054	DATABASE MANAGEMENT SYSTEMS	23	42	3
13VV1A1255	RT31055	OPERATING SYSTEMS	23	50	3
13VV1A1255	RT31059	SEMINAR	43	0	1
13VV1A1255	RT31121	SOFTWARE ENGINEERING	21	44	3
13VV1A1255	RT31123	ADVANCED JAVA	24	31	3
13VV1A1255	RT31126	ADVANCED JAVA LAB	22	46	2
13VV1A1255	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
13VV1A1255	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	44	2
13VV1A1256	RT31052	DATA COMMUNICATION	21	39	3
13VV1A1256	RT31054	DATABASE MANAGEMENT SYSTEMS	19	43	3
13VV1A1256	RT31055	OPERATING SYSTEMS	23	52	3
13VV1A1256	RT31059	SEMINAR	39	0	1
13VV1A1256	RT31121	SOFTWARE ENGINEERING	20	51	3
13VV1A1256	RT31123	ADVANCED JAVA	22	32	3
13VV1A1256	RT31126	ADVANCED JAVA LAB	19	40	2
13VV1A1256	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
13VV1A1256	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	41	2
13VV1A1257	RT31052	DATA COMMUNICATION	18	32	3
13VV1A1257	RT31054	DATABASE MANAGEMENT SYSTEMS	20	29	3
13VV1A1257	RT31055	OPERATING SYSTEMS	21	46	3
13VV1A1257	RT31059	SEMINAR	35	0	1
13VV1A1257	RT31121	SOFTWARE ENGINEERING	19	41	3
13VV1A1257	RT31123	ADVANCED JAVA	20	24	3
13VV1A1257	RT31126	ADVANCED JAVA LAB	18	35	2
13VV1A1257	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
13VV1A1257	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	42	2
13VV1A1258	RT31052	DATA COMMUNICATION	22	36	3
13VV1A1258	RT31054	DATABASE MANAGEMENT SYSTEMS	20	39	3
13VV1A1258	RT31055	OPERATING SYSTEMS	19	42	3
13VV1A1258	RT31059	SEMINAR	39	0	1
13VV1A1258	RT31121	SOFTWARE ENGINEERING	22	45	3
13VV1A1258	RT31123	ADVANCED JAVA	23	27	3
13VV1A1258	RT31126	ADVANCED JAVA LAB	18	38	2
13VV1A1258	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	43	2
13VV1A1258	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
13VV1A1259	RT31052	DATA COMMUNICATION	26	40	3
13VV1A1259	RT31054	DATABASE MANAGEMENT SYSTEMS	24	48	3
13VV1A1259	RT31055	OPERATING SYSTEMS	25	52	3
13VV1A1259	RT31059	SEMINAR	36	0	1
13VV1A1259	RT31121	SOFTWARE ENGINEERING	21	53	3



Htno	Subcode	Subname	Internal	External	credits
13VV1A1259	RT31123	ADVANCED JAVA	26	38	3
13VV1A1259	RT31126	ADVANCED JAVA LAB	21	44	2
13VV1A1259	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
13VV1A1259	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	45	2
13VV1A3101	MT311	INDUSTRIAL MANAGEMENT	25	57	3
13VV1A3101	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	20	53	3
13VV1A3101	MT313	FUELS FURNACES AND REFRACTORIES	28	48	3
13VV1A3101	MT314	FOUNDRY TECHNOLOGY	25	43	3
13VV1A3101	MT315	IRON PRODUCTION	24	52	3
13VV1A3101	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	52	3
13VV1A3101	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	48	2
13VV1A3101	MT318	FOUNDRY TECHNOLOGY LAB	24	47	2
13VV1A3102	MT311	INDUSTRIAL MANAGEMENT	22	56	3
13VV1A3102	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	15	57	3
13VV1A3102	MT313	FUELS FURNACES AND REFRACTORIES	28	40	3
13VV1A3102	MT314	FOUNDRY TECHNOLOGY	17	45	3
13VV1A3102	MT315	IRON PRODUCTION	21	50	3
13VV1A3102	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	56	3
13VV1A3102	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	47	2
13VV1A3102	MT318	FOUNDRY TECHNOLOGY LAB	21	46	2
13VV1A3104	MT311	INDUSTRIAL MANAGEMENT	24	60	3
13VV1A3104	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	16	52	3
13VV1A3104	MT313	FUELS FURNACES AND REFRACTORIES	27	54	3
13VV1A3104	MT314	FOUNDRY TECHNOLOGY	19	16	0
13VV1A3104	MT315	IRON PRODUCTION	18	0	0
13VV1A3104	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	46	3
13VV1A3104	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	43	2
13VV1A3104	MT318	FOUNDRY TECHNOLOGY LAB	20	46	2
13VV1A3105	MT311	INDUSTRIAL MANAGEMENT	23	57	3
13VV1A3105	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	26	55	3
13VV1A3105	MT313	FUELS FURNACES AND REFRACTORIES	28	52	3
13VV1A3105	MT314	FOUNDRY TECHNOLOGY	25	44	3
13VV1A3105	MT315	IRON PRODUCTION	26	56	3
13VV1A3105	MT316	NON FERROUS EXTRACTIVE METALLURGY	26	49	3
13VV1A3105	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	41	2
13VV1A3105	MT318	FOUNDRY TECHNOLOGY LAB	22	46	2
13VV1A3106	MT311	INDUSTRIAL MANAGEMENT	24	59	3
13VV1A3106	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	16	54	3
13VV1A3106	MT313	FUELS FURNACES AND REFRACTORIES	26	46	3
13VV1A3106	MT314	FOUNDRY TECHNOLOGY	21	37	3
13VV1A3106	MT315	IRON PRODUCTION	20	50	3
13VV1A3106	MT316	NON FERROUS EXTRACTIVE METALLURGY	26	46	3
13VV1A3106	MT317	FUELS FURNACES AND REFRACTORIES LAB	24	45	2
13VV1A3106	MT318	FOUNDRY TECHNOLOGY LAB	20	42	2
13VV1A3107	MT311	INDUSTRIAL MANAGEMENT	18	45	3
13VV1A3107	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	52	3
13VV1A3107	MT313	FUELS FURNACES AND REFRACTORIES	26	40	3
13VV1A3107	MT314	FOUNDRY TECHNOLOGY	23	40	3
13VV1A3107	MT315	IRON PRODUCTION	17	50	3
13VV1A3107	MT316	NON FERROUS EXTRACTIVE METALLURGY	25	38	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A3107	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	46	2
13VV1A3107	MT318	FOUNDRY TECHNOLOGY LAB	22	48	2
13VV1A3108	MT311	INDUSTRIAL MANAGEMENT	24	60	3
13VV1A3108	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	57	3
13VV1A3108	MT313	FUELS FURNACES AND REFRACTORIES	29	54	3
13VV1A3108	MT314	FOUNDRY TECHNOLOGY	25	56	3
13VV1A3108	MT315	IRON PRODUCTION	27	52	3
13VV1A3108	MT316	NON FERROUS EXTRACTIVE METALLURGY	28	49	3
13VV1A3108	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	48	2
13VV1A3108	MT318	FOUNDRY TECHNOLOGY LAB	24	48	2
13VV1A3109	MT311	INDUSTRIAL MANAGEMENT	25	62	3
13VV1A3109	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	26	54	3
13VV1A3109	MT313	FUELS FURNACES AND REFRACTORIES	26	50	3
13VV1A3109	MT314	FOUNDRY TECHNOLOGY	22	49	3
13VV1A3109	MT315	IRON PRODUCTION	24	54	3
13VV1A3109	MT316	NON FERROUS EXTRACTIVE METALLURGY	26	40	3
13VV1A3109	MT317	FUELS FURNACES AND REFRACTORIES LAB	24	42	2
13VV1A3109	MT318	FOUNDRY TECHNOLOGY LAB	20	46	2
13VV1A3110	MT311	INDUSTRIAL MANAGEMENT	26	59	3
13VV1A3110	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	22	56	3
13VV1A3110	MT313	FUELS FURNACES AND REFRACTORIES	29	50	3
13VV1A3110	MT314	FOUNDRY TECHNOLOGY	27	35	3
13VV1A3110	MT315	IRON PRODUCTION	26	48	3
13VV1A3110	MT316	NON FERROUS EXTRACTIVE METALLURGY	25	55	3
13VV1A3110	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	47	2
13VV1A3110	MT318	FOUNDRY TECHNOLOGY LAB	24	48	2
13VV1A3111	MT311	INDUSTRIAL MANAGEMENT	23	51	3
13VV1A3111	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	19	48	3
13VV1A3111	MT313	FUELS FURNACES AND REFRACTORIES	27	36	3
13VV1A3111	MT314	FOUNDRY TECHNOLOGY	20	39	3
13VV1A3111	MT315	IRON PRODUCTION	14	48	3
13VV1A3111	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	39	3
13VV1A3111	MT317	FUELS FURNACES AND REFRACTORIES LAB	19	45	2
13VV1A3111	MT318	FOUNDRY TECHNOLOGY LAB	19	45	2
13VV1A3112	MT311	INDUSTRIAL MANAGEMENT	25	62	3
13VV1A3112	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	24	59	3
13VV1A3112	MT313	FUELS FURNACES AND REFRACTORIES	26	54	3
13VV1A3112	MT314	FOUNDRY TECHNOLOGY	23	44	3
13VV1A3112	MT315	IRON PRODUCTION	25	56	3
13VV1A3112	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	57	3
13VV1A3112	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	46	2
13VV1A3112	MT318	FOUNDRY TECHNOLOGY LAB	22	45	2
13VV1A3113	MT311	INDUSTRIAL MANAGEMENT	18	53	3
13VV1A3113	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	15	56	3
13VV1A3113	MT313	FUELS FURNACES AND REFRACTORIES	25	32	3
13VV1A3113	MT314	FOUNDRY TECHNOLOGY	20	42	3
13VV1A3113	MT315	IRON PRODUCTION	17	50	3
13VV1A3113	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	53	3
13VV1A3113	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	44	2
13VV1A3113	MT318	FOUNDRY TECHNOLOGY LAB	21	43	2

Htno	Subcode	Subname	Internal	External	credits
13VV1A3114	MT311	INDUSTRIAL MANAGEMENT	24	60	3
13VV1A3114	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	28	38	3
13VV1A3114	MT313	FUELS FURNACES AND REFRACTORIES	29	52	3
13VV1A3114	MT314	FOUNDRY TECHNOLOGY	27	47	3
13VV1A3114	MT315	IRON PRODUCTION	24	56	3
13VV1A3114	MT316	NON FERROUS EXTRACTIVE METALLURGY	28	52	3
13VV1A3114	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	45	2
13VV1A3114	MT318	FOUNDRY TECHNOLOGY LAB	21	44	2
13VV1A3115	MT311	INDUSTRIAL MANAGEMENT	26	60	3
13VV1A3115	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	19	46	3
13VV1A3115	MT313	FUELS FURNACES AND REFRACTORIES	27	52	3
13VV1A3115	MT314	FOUNDRY TECHNOLOGY	23	36	3
13VV1A3115	MT315	IRON PRODUCTION	21	54	3
13VV1A3115	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	52	3
13VV1A3115	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	47	2
13VV1A3115	MT318	FOUNDRY TECHNOLOGY LAB	23	48	2
13VV1A3116	MT311	INDUSTRIAL MANAGEMENT	25	62	3
13VV1A3116	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	29	48	3
13VV1A3116	MT313	FUELS FURNACES AND REFRACTORIES	29	48	3
13VV1A3116	MT314	FOUNDRY TECHNOLOGY	25	43	3
13VV1A3116	MT315	IRON PRODUCTION	23	56	3
13VV1A3116	MT316	NON FERROUS EXTRACTIVE METALLURGY	29	61	3
13VV1A3116	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	43	2
13VV1A3116	MT318	FOUNDRY TECHNOLOGY LAB	21	42	2
13VV1A3117	MT311	INDUSTRIAL MANAGEMENT	25	55	3
13VV1A3117	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	48	3
13VV1A3117	MT313	FUELS FURNACES AND REFRACTORIES	25	48	3
13VV1A3117	MT314	FOUNDRY TECHNOLOGY	22	49	3
13VV1A3117	MT315	IRON PRODUCTION	22	52	3
13VV1A3117	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	55	3
13VV1A3117	MT317	FUELS FURNACES AND REFRACTORIES LAB	24	42	2
13VV1A3117	MT318	FOUNDRY TECHNOLOGY LAB	20	44	2
13VV1A3118	MT311	INDUSTRIAL MANAGEMENT	21	54	3
13VV1A3118	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	14	46	3
13VV1A3118	MT313	FUELS FURNACES AND REFRACTORIES	22	54	3
13VV1A3118	MT314	FOUNDRY TECHNOLOGY	17	31	3
13VV1A3118	MT315	IRON PRODUCTION	14	48	3
13VV1A3118	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	43	3
13VV1A3118	MT317	FUELS FURNACES AND REFRACTORIES LAB	19	44	2
13VV1A3118	MT318	FOUNDRY TECHNOLOGY LAB	20	43	2
13VV1A3119	MT311	INDUSTRIAL MANAGEMENT	21	48	3
13VV1A3119	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	40	3
13VV1A3119	MT313	FUELS FURNACES AND REFRACTORIES	21	44	3
13VV1A3119	MT314	FOUNDRY TECHNOLOGY	20	41	3
13VV1A3119	MT315	IRON PRODUCTION	12	46	3
13VV1A3119	MT316	NON FERROUS EXTRACTIVE METALLURGY	26	35	3
13VV1A3119	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	42	2
13VV1A3119	MT318	FOUNDRY TECHNOLOGY LAB	18	40	2
13VV1A3120	MT311	INDUSTRIAL MANAGEMENT	25	62	3
13VV1A3120	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	28	48	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A3120	MT313	FUELS FURNACES AND REFRACTORIES	29	58	3
13VV1A3120	MT314	FOUNDRY TECHNOLOGY	26	50	3
13VV1A3120	MT315	IRON PRODUCTION	28	58	3
13VV1A3120	MT316	NON FERROUS EXTRACTIVE METALLURGY	29	66	3
13VV1A3120	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	46	2
13VV1A3120	MT318	FOUNDRY TECHNOLOGY LAB	24	48	2
13VV1A3121	MT311	INDUSTRIAL MANAGEMENT	24	60	3
13VV1A3121	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	28	48	3
13VV1A3121	MT313	FUELS FURNACES AND REFRACTORIES	29	52	3
13VV1A3121	MT314	FOUNDRY TECHNOLOGY	27	46	3
13VV1A3121	MT315	IRON PRODUCTION	24	50	3
13VV1A3121	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	56	3
13VV1A3121	MT317	FUELS FURNACES AND REFRACTORIES LAB	24	45	2
13VV1A3121	MT318	FOUNDRY TECHNOLOGY LAB	24	48	2
13VV1A3122	MT311	INDUSTRIAL MANAGEMENT	24	49	3
13VV1A3122	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	26	46	3
13VV1A3122	MT313	FUELS FURNACES AND REFRACTORIES	24	48	3
13VV1A3122	MT314	FOUNDRY TECHNOLOGY	17	32	3
13VV1A3122	MT315	IRON PRODUCTION	17	42	3
13VV1A3122	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	50	3
13VV1A3122	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	44	2
13VV1A3122	MT318	FOUNDRY TECHNOLOGY LAB	20	45	2
13VV1A3124	MT311	INDUSTRIAL MANAGEMENT	24	56	3
13VV1A3124	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	29	48	3
13VV1A3124	MT313	FUELS FURNACES AND REFRACTORIES	29	50	3
13VV1A3124	MT314	FOUNDRY TECHNOLOGY	27	53	3
13VV1A3124	MT315	IRON PRODUCTION	27	52	3
13VV1A3124	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	50	3
13VV1A3124	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	48	2
13VV1A3124	MT318	FOUNDRY TECHNOLOGY LAB	23	45	2
13VV1A3125	MT311	INDUSTRIAL MANAGEMENT	11	36	3
13VV1A3125	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	13	0	0
13VV1A3125	MT313	FUELS FURNACES AND REFRACTORIES	22	41	3
13VV1A3125	MT314	FOUNDRY TECHNOLOGY	14	26	3
13VV1A3125	MT315	IRON PRODUCTION	12	12	0
13VV1A3125	MT316	NON FERROUS EXTRACTIVE METALLURGY	16	33	3
13VV1A3125	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	40	2
13VV1A3125	MT318	FOUNDRY TECHNOLOGY LAB	18	35	2
13VV1A3127	MT311	INDUSTRIAL MANAGEMENT	24	57	3
13VV1A3127	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	25	50	3
13VV1A3127	MT313	FUELS FURNACES AND REFRACTORIES	28	48	3
13VV1A3127	MT314	FOUNDRY TECHNOLOGY	25	45	3
13VV1A3127	MT315	IRON PRODUCTION	26	52	3
13VV1A3127	MT316	NON FERROUS EXTRACTIVE METALLURGY	28	60	3
13VV1A3127	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	48	2
13VV1A3127	MT318	FOUNDRY TECHNOLOGY LAB	23	44	2
13VV1A3128	MT311	INDUSTRIAL MANAGEMENT	24	50	3
13VV1A3128	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	26	54	3
13VV1A3128	MT313	FUELS FURNACES AND REFRACTORIES	26	58	3
13VV1A3128	MT314	FOUNDRY TECHNOLOGY	22	41	3

Htno	Subcode	Subname	Internal	External	credits
13VV1A3128	MT315	IRON PRODUCTION	22	48	3
13VV1A3128	MT316	NON FERROUS EXTRACTIVE METALLURGY	28	59	3
13VV1A3128	MT317	FUELS FURNACES AND REFRACTORIES LAB	24	47	2
13VV1A3128	MT318	FOUNDRY TECHNOLOGY LAB	22	45	2
13VV1A3129	MT311	INDUSTRIAL MANAGEMENT	23	60	3
13VV1A3129	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	21	54	3
13VV1A3129	MT313	FUELS FURNACES AND REFRACTORIES	25	52	3
13VV1A3129	MT314	FOUNDRY TECHNOLOGY	12	47	3
13VV1A3129	MT315	IRON PRODUCTION	25	44	3
13VV1A3129	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	55	3
13VV1A3129	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	41	2
13VV1A3129	MT318	FOUNDRY TECHNOLOGY LAB	18	38	2
13VV1A3130	MT311	INDUSTRIAL MANAGEMENT	24	54	3
13VV1A3130	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	18	52	3
13VV1A3130	MT313	FUELS FURNACES AND REFRACTORIES	24	54	3
13VV1A3130	MT314	FOUNDRY TECHNOLOGY	19	35	3
13VV1A3130	MT315	IRON PRODUCTION	22	48	3
13VV1A3130	MT316	NON FERROUS EXTRACTIVE METALLURGY	27	52	3
13VV1A3130	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	40	2
13VV1A3130	MT318	FOUNDRY TECHNOLOGY LAB	22	40	2
14VV5A0131	RT31011	GEOTECHNICAL ENGINEERING-I	29	33	3
14VV5A0131	RT31012	STRUCTURAL ANALYSIS-II	26	48	3
14VV5A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	53	3
14VV5A0131	RT31014	ENGINEERING GEOLOGY	24	49	3
14VV5A0131	RT31015	TRANSPORTATION ENGINEERING-I	22	45	3
14VV5A0131	RT31016	IPR & PATENTS	28	42	2
14VV5A0131	RT31017	GEOTECHNICAL ENGINEERING LAB	23	49	2
14VV5A0131	RT31018	ENGINEERING GEOLOGY LAB	22	42	2
14VV5A0132	RT31011	GEOTECHNICAL ENGINEERING-I	26	36	3
14VV5A0132	RT31012	STRUCTURAL ANALYSIS-II	30	31	3
14VV5A0132	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	34	3
14VV5A0132	RT31014	ENGINEERING GEOLOGY	28	57	3
14VV5A0132	RT31015	TRANSPORTATION ENGINEERING-I	27	54	3
14VV5A0132	RT31016	IPR & PATENTS	27	47	2
14VV5A0132	RT31017	GEOTECHNICAL ENGINEERING LAB	21	48	2
14VV5A0132	RT31018	ENGINEERING GEOLOGY LAB	23	45	2
14VV5A0133	RT31011	GEOTECHNICAL ENGINEERING-I	27	28	3
14VV5A0133	RT31012	STRUCTURAL ANALYSIS-II	26	39	3
14VV5A0133	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	40	3
14VV5A0133	RT31014	ENGINEERING GEOLOGY	25	42	3
14VV5A0133	RT31015	TRANSPORTATION ENGINEERING-I	21	32	3
14VV5A0133	RT31016	IPR & PATENTS	26	46	2
14VV5A0133	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
14VV5A0133	RT31018	ENGINEERING GEOLOGY LAB	23	42	2
14VV5A0261	RT31016	IPR & PATENTS	27	49	2
14VV5A0261	RT31021	ELECTRICAL MEASUREMENTS	28	61	3
14VV5A0261	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	57	3
14VV5A0261	RT31023	POWER SYSTEMS-II	28	61	3
14VV5A0261	RT31024	ELECTRICAL MACHINES-III	28	57	3
14VV5A0261	RT31025	POWER ELECTRONICS	27	51	3

Htno	Subcode	Subname	Internal	External	credits
14VV5A0261	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	47	3
14VV5A0261	RT31027	ELECTRICAL MACHINES-II LAB	24	48	2
14VV5A0261	RT31028	CONTROL SYSTEMS LAB	22	44	2
14VV5A0262	RT31016	IPR & PATENTS	30	50	2
14VV5A0262	RT31021	ELECTRICAL MEASUREMENTS	28	62	3
14VV5A0262	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	60	3
14VV5A0262	RT31023	POWER SYSTEMS-II	29	59	3
14VV5A0262	RT31024	ELECTRICAL MACHINES-III	27	56	3
14VV5A0262	RT31025	POWER ELECTRONICS	28	51	3
14VV5A0262	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	59	3
14VV5A0262	RT31027	ELECTRICAL MACHINES-II LAB	25	47	2
14VV5A0262	RT31028	CONTROL SYSTEMS LAB	24	45	2
14VV5A0263	RT31016	IPR & PATENTS	26	49	2
14VV5A0263	RT31021	ELECTRICAL MEASUREMENTS	27	55	3
14VV5A0263	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	58	3
14VV5A0263	RT31023	POWER SYSTEMS-II	27	46	3
14VV5A0263	RT31024	ELECTRICAL MACHINES-III	27	55	3
14VV5A0263	RT31025	POWER ELECTRONICS	25	48	3
14VV5A0263	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	56	3
14VV5A0263	RT31027	ELECTRICAL MACHINES-II LAB	24	47	2
14VV5A0263	RT31028	CONTROL SYSTEMS LAB	24	40	2
14VV5A0264	RT31016	IPR & PATENTS	23	43	2
14VV5A0264	RT31021	ELECTRICAL MEASUREMENTS	26	52	3
14VV5A0264	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	51	3
14VV5A0264	RT31023	POWER SYSTEMS-II	29	39	3
14VV5A0264	RT31024	ELECTRICAL MACHINES-III	21	55	3
14VV5A0264	RT31025	POWER ELECTRONICS	21	48	3
14VV5A0264	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	54	3
14VV5A0264	RT31027	ELECTRICAL MACHINES-II LAB	24	42	2
14VV5A0264	RT31028	CONTROL SYSTEMS LAB	24	35	2
14VV5A0265	RT31016	IPR & PATENTS	28	38	2
14VV5A0265	RT31021	ELECTRICAL MEASUREMENTS	27	47	3
14VV5A0265	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	59	3
14VV5A0265	RT31023	POWER SYSTEMS-II	27	50	3
14VV5A0265	RT31024	ELECTRICAL MACHINES-III	28	54	3
14VV5A0265	RT31025	POWER ELECTRONICS	25	54	3
14VV5A0265	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	50	3
14VV5A0265	RT31027	ELECTRICAL MACHINES-II LAB	23	41	2
14VV5A0265	RT31028	CONTROL SYSTEMS LAB	24	37	2
14VV5A0266	RT31016	IPR & PATENTS	29	44	2
14VV5A0266	RT31021	ELECTRICAL MEASUREMENTS	26	64	3
14VV5A0266	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	29	58	3
14VV5A0266	RT31023	POWER SYSTEMS-II	29	50	3
14VV5A0266	RT31024	ELECTRICAL MACHINES-III	21	54	3
14VV5A0266	RT31025	POWER ELECTRONICS	22	53	3
14VV5A0266	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	66	3
14VV5A0266	RT31027	ELECTRICAL MACHINES-II LAB	25	48	2
14VV5A0266	RT31028	CONTROL SYSTEMS LAB	24	43	2
14VV5A0361	RT31016	IPR & PATENTS	23	43	2
14VV5A0361	RT31031	DYNAMICS OF MACHINERY	10	30	3

Htno	Subcode	Subname	Internal	External	credits
14VV5A0361	RT31032	METAL CUTTING & MACHINE TOOLS	12	62	3
14VV5A0361	RT31033	DESIGN OF MACHINE MEMBERS-I	20	49	3
14VV5A0361	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	13	36	3
14VV5A0361	RT31035	THERMAL ENGINEERING -II	11	39	3
14VV5A0361	RT31036	METROLOGY	9	43	3
14VV5A0361	RT31037	METROLOGY & INSTRUMENTATION LAB	20	43	2
14VV5A0361	RT31038	MACHINE TOOLS LAB	23	45	2
14VV5A0362	RT31016	IPR & PATENTS	19	44	2
14VV5A0362	RT31031	DYNAMICS OF MACHINERY	26	44	3
14VV5A0362	RT31032	METAL CUTTING & MACHINE TOOLS	24	60	3
14VV5A0362	RT31033	DESIGN OF MACHINE MEMBERS-I	26	54	3
14VV5A0362	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	21	43	3
14VV5A0362	RT31035	THERMAL ENGINEERING -II	23	62	3
14VV5A0362	RT31036	METROLOGY	18	53	3
14VV5A0362	RT31037	METROLOGY & INSTRUMENTATION LAB	21	43	2
14VV5A0362	RT31038	MACHINE TOOLS LAB	22	45	2
14VV5A0363	RT31016	IPR & PATENTS	26	39	2
14VV5A0363	RT31031	DYNAMICS OF MACHINERY	23	56	3
14VV5A0363	RT31032	METAL CUTTING & MACHINE TOOLS	26	57	3
14VV5A0363	RT31033	DESIGN OF MACHINE MEMBERS-I	27	56	3
14VV5A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	42	3
14VV5A0363	RT31035	THERMAL ENGINEERING -II	25	56	3
14VV5A0363	RT31036	METROLOGY	23	41	3
14VV5A0363	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
14VV5A0363	RT31038	MACHINE TOOLS LAB	23	47	2
14VV5A0364	RT31016	IPR & PATENTS	20	46	2
14VV5A0364	RT31031	DYNAMICS OF MACHINERY	13	32	3
14VV5A0364	RT31032	METAL CUTTING & MACHINE TOOLS	19	42	3
14VV5A0364	RT31033	DESIGN OF MACHINE MEMBERS-I	20	28	3
14VV5A0364	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	18	33	3
14VV5A0364	RT31035	THERMAL ENGINEERING -II	11	32	3
14VV5A0364	RT31036	METROLOGY	9	43	3
14VV5A0364	RT31037	METROLOGY & INSTRUMENTATION LAB	22	41	2
14VV5A0364	RT31038	MACHINE TOOLS LAB	23	47	2
14VV5A0365	RT31016	IPR & PATENTS	23	35	2
14VV5A0365	RT31031	DYNAMICS OF MACHINERY	15	49	3
14VV5A0365	RT31032	METAL CUTTING & MACHINE TOOLS	20	46	3
14VV5A0365	RT31033	DESIGN OF MACHINE MEMBERS-I	20	46	3
14VV5A0365	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	15	38	3
14VV5A0365	RT31035	THERMAL ENGINEERING -II	19	52	3
14VV5A0365	RT31036	METROLOGY	13	38	3
14VV5A0365	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
14VV5A0365	RT31038	MACHINE TOOLS LAB	23	47	2
14VV5A0366	RT31016	IPR & PATENTS	25	37	2
14VV5A0366	RT31031	DYNAMICS OF MACHINERY	15	31	3
14VV5A0366	RT31032	METAL CUTTING & MACHINE TOOLS	20	41	3
14VV5A0366	RT31033	DESIGN OF MACHINE MEMBERS-I	23	36	3
14VV5A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS2)	19	34	3
14VV5A0366	RT31035	THERMAL ENGINEERING -II	22	44	3
14VV5A0366	RT31036	METROLOGY	21	36	3

Htno	Subcode	Subname	Internal	External	credits
14VV5A0366	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
14VV5A0366	RT31038	MACHINE TOOLS LAB	24	46	2
14VV5A0461	RT31016	IPR & PATENTS	22	44	2
14VV5A0461	RT31041	PULSE & DIGITAL CIRCUITS	28	51	3
14VV5A0461	RT31042	LINEAR IC APPLICATIONS	25	55	3
14VV5A0461	RT31043	CONTROL SYSTEMS	27	49	3
14VV5A0461	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	41	3
14VV5A0461	RT31045	ANTENNAS AND WAVE PROPAGATION	22	52	3
14VV5A0461	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
14VV5A0461	RT31048	LIC APPLICATIONS LAB	23	44	2
14VV5A0461	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	46	2
14VV5A0462	RT31016	IPR & PATENTS	21	45	2
14VV5A0462	RT31041	PULSE & DIGITAL CIRCUITS	30	47	3
14VV5A0462	RT31042	LINEAR IC APPLICATIONS	25	53	3
14VV5A0462	RT31043	CONTROL SYSTEMS	24	48	3
14VV5A0462	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	40	3
14VV5A0462	RT31045	ANTENNAS AND WAVE PROPAGATION	24	52	3
14VV5A0462	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
14VV5A0462	RT31048	LIC APPLICATIONS LAB	22	44	2
14VV5A0462	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
14VV5A0463	RT31016	IPR & PATENTS	25	42	2
14VV5A0463	RT31041	PULSE & DIGITAL CIRCUITS	27	32	3
14VV5A0463	RT31042	LINEAR IC APPLICATIONS	25	54	3
14VV5A0463	RT31043	CONTROL SYSTEMS	23	50	3
14VV5A0463	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	41	3
14VV5A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	22	50	3
14VV5A0463	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
14VV5A0463	RT31048	LIC APPLICATIONS LAB	22	42	2
14VV5A0463	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	44	2
14VV5A0464	RT31016	IPR & PATENTS	24	47	2
14VV5A0464	RT31041	PULSE & DIGITAL CIRCUITS	28	57	3
14VV5A0464	RT31042	LINEAR IC APPLICATIONS	24	55	3
14VV5A0464	RT31043	CONTROL SYSTEMS	27	48	3
14VV5A0464	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	43	3
14VV5A0464	RT31045	ANTENNAS AND WAVE PROPAGATION	24	52	3
14VV5A0464	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	45	2
14VV5A0464	RT31048	LIC APPLICATIONS LAB	23	44	2
14VV5A0464	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
14VV5A0465	RT31016	IPR & PATENTS	23	46	2
14VV5A0465	RT31041	PULSE & DIGITAL CIRCUITS	29	41	3
14VV5A0465	RT31042	LINEAR IC APPLICATIONS	24	51	3
14VV5A0465	RT31043	CONTROL SYSTEMS	22	47	3
14VV5A0465	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	39	3
14VV5A0465	RT31045	ANTENNAS AND WAVE PROPAGATION	22	52	3
14VV5A0465	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	44	2
14VV5A0465	RT31048	LIC APPLICATIONS LAB	23	44	2
14VV5A0465	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
14VV5A0466	RT31016	IPR & PATENTS	22	38	2
14VV5A0466	RT31041	PULSE & DIGITAL CIRCUITS	27	38	3
14VV5A0466	RT31042	LINEAR IC APPLICATIONS	16	42	3



Htno	Subcode	Subname	Internal	External	credits
14VV5A0466	RT31043	CONTROL SYSTEMS	19	40	3
14VV5A0466	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	16	33	3
14VV5A0466	RT31045	ANTENNAS AND WAVE PROPAGATION	15	34	3
14VV5A0466	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
14VV5A0466	RT31048	LIC APPLICATIONS LAB	23	38	2
14VV5A0466	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	44	2
14VV5A0561	RT31051	COMPILER DESIGN	22	60	3
14VV5A0561	RT31052	DATA COMMUNICATION	25	42	3
14VV5A0561	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	49	3
14VV5A0561	RT31054	DATABASE MANAGEMENT SYSTEMS	22	47	3
14VV5A0561	RT31055	OPERATING SYSTEMS	25	49	3
14VV5A0561	RT31056	COMPILER DESIGN LAB	23	49	2
14VV5A0561	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	49	2
14VV5A0561	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	49	2
14VV5A0561	RT31059	SEMINAR	48	0	1
14VV5A0562	RT31051	COMPILER DESIGN	21	52	3
14VV5A0562	RT31052	DATA COMMUNICATION	24	39	3
14VV5A0562	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	49	3
14VV5A0562	RT31054	DATABASE MANAGEMENT SYSTEMS	21	28	3
14VV5A0562	RT31055	OPERATING SYSTEMS	19	54	3
14VV5A0562	RT31056	COMPILER DESIGN LAB	21	33	2
14VV5A0562	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
14VV5A0562	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	50	2
14VV5A0562	RT31059	SEMINAR	48	0	1
14VV5A0563	RT31051	COMPILER DESIGN	16	45	3
14VV5A0563	RT31052	DATA COMMUNICATION	23	49	3
14VV5A0563	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	42	3
14VV5A0563	RT31054	DATABASE MANAGEMENT SYSTEMS	18	45	3
14VV5A0563	RT31055	OPERATING SYSTEMS	24	43	3
14VV5A0563	RT31056	COMPILER DESIGN LAB	12	23	2
14VV5A0563	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	43	2
14VV5A0563	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	40	2
14VV5A0563	RT31059	SEMINAR	44	0	1
14VV5A0564	RT31051	COMPILER DESIGN	20	45	3
14VV5A0564	RT31052	DATA COMMUNICATION	21	43	3
14VV5A0564	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	44	3
14VV5A0564	RT31054	DATABASE MANAGEMENT SYSTEMS	22	42	3
14VV5A0564	RT31055	OPERATING SYSTEMS	24	54	3
14VV5A0564	RT31056	COMPILER DESIGN LAB	16	42	2
14VV5A0564	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
14VV5A0564	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
14VV5A0564	RT31059	SEMINAR	48	0	1
14VV5A0565	RT31051	COMPILER DESIGN	23	48	3
14VV5A0565	RT31052	DATA COMMUNICATION	25	46	3
14VV5A0565	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	30	3
14VV5A0565	RT31054	DATABASE MANAGEMENT SYSTEMS	13	41	3
14VV5A0565	RT31055	OPERATING SYSTEMS	15	41	3
14VV5A0565	RT31056	COMPILER DESIGN LAB	23	27	2
14VV5A0565	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	41	2
14VV5A0565	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	37	2

Htno	Subcode	Subname	Internal	External	credits
14VV5A0565	RT31059	SEMINAR	40	0	1
14VV5A0566	RT31051	COMPILER DESIGN	17	44	3
14VV5A0566	RT31052	DATA COMMUNICATION	20	37	3
14VV5A0566	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	17	0
14VV5A0566	RT31054	DATABASE MANAGEMENT SYSTEMS	18	38	3
14VV5A0566	RT31055	OPERATING SYSTEMS	22	42	3
14VV5A0566	RT31056	COMPILER DESIGN LAB	22	47	2
14VV5A0566	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
14VV5A0566	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	19	40	2
14VV5A0566	RT31059	SEMINAR	48	0	1
14VV5A1261	RT31052	DATA COMMUNICATION	24	30	3
14VV5A1261	RT31054	DATABASE MANAGEMENT SYSTEMS	22	37	3
14VV5A1261	RT31055	OPERATING SYSTEMS	21	51	3
14VV5A1261	RT31059	SEMINAR	38	0	1
14VV5A1261	RT31121	SOFTWARE ENGINEERING	21	44	3
14VV5A1261	RT31123	ADVANCED JAVA	23	29	3
14VV5A1261	RT31126	ADVANCED JAVA LAB	20	42	2
14VV5A1261	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
14VV5A1261	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
14VV5A1262	RT31052	DATA COMMUNICATION	28	48	3
14VV5A1262	RT31054	DATABASE MANAGEMENT SYSTEMS	23	42	3
14VV5A1262	RT31055	OPERATING SYSTEMS	19	51	3
14VV5A1262	RT31059	SEMINAR	38	0	1
14VV5A1262	RT31121	SOFTWARE ENGINEERING	20	51	3
14VV5A1262	RT31123	ADVANCED JAVA	24	29	3
14VV5A1262	RT31126	ADVANCED JAVA LAB	19	43	2
14VV5A1262	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	42	2
14VV5A1262	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	19	43	2
14VV5A1263	RT31052	DATA COMMUNICATION	27	34	3
14VV5A1263	RT31054	DATABASE MANAGEMENT SYSTEMS	22	48	3
14VV5A1263	RT31055	OPERATING SYSTEMS	19	49	3
14VV5A1263	RT31059	SEMINAR	41	0	1
14VV5A1263	RT31121	SOFTWARE ENGINEERING	20	47	3
14VV5A1263	RT31123	ADVANCED JAVA	20	33	3
14VV5A1263	RT31126	ADVANCED JAVA LAB	20	42	2
14VV5A1263	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
14VV5A1263	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
14VV5A1264	RT31052	DATA COMMUNICATION	20	44	3
14VV5A1264	RT31054	DATABASE MANAGEMENT SYSTEMS	16	35	3
14VV5A1264	RT31055	OPERATING SYSTEMS	21	51	3
14VV5A1264	RT31059	SEMINAR	40	0	1
14VV5A1264	RT31121	SOFTWARE ENGINEERING	20	47	3
14VV5A1264	RT31123	ADVANCED JAVA	20	30	3
14VV5A1264	RT31126	ADVANCED JAVA LAB	19	40	2
14VV5A1264	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	39	2
14VV5A1264	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
14VV5A1265	RT31052	DATA COMMUNICATION	18	37	3
14VV5A1265	RT31054	DATABASE MANAGEMENT SYSTEMS	21	25	3
14VV5A1265	RT31055	OPERATING SYSTEMS	19	53	3
14VV5A1265	RT31059	SEMINAR	40	0	1

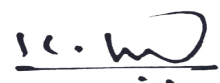
Htno	Subcode	Subname	Internal	External	credits
14VV5A1265	RT31121	SOFTWARE ENGINEERING	22	44	3
14VV5A1265	RT31123	ADVANCED JAVA	23	33	3
14VV5A1265	RT31126	ADVANCED JAVA LAB	18	38	2
14VV5A1265	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	43	2
14VV5A1265	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	42	2
14VV5A1266	RT31052	DATA COMMUNICATION	25	40	3
14VV5A1266	RT31054	DATABASE MANAGEMENT SYSTEMS	25	47	3
14VV5A1266	RT31055	OPERATING SYSTEMS	23	60	3
14VV5A1266	RT31059	SEMINAR	42	0	1
14VV5A1266	RT31121	SOFTWARE ENGINEERING	21	53	3
14VV5A1266	RT31123	ADVANCED JAVA	28	34	3
14VV5A1266	RT31126	ADVANCED JAVA LAB	23	46	2
14VV5A1266	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
14VV5A1266	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	24	46	2
14VV5A3131	MT311	INDUSTRIAL MANAGEMENT	24	49	3
14VV5A3131	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	21	48	3
14VV5A3131	MT313	FUELS FURNACES AND REFRACTORIES	29	48	3
14VV5A3131	MT314	FOUNDRY TECHNOLOGY	24	32	3
14VV5A3131	MT315	IRON PRODUCTION	25	48	3
14VV5A3131	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	49	3
14VV5A3131	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	46	2
14VV5A3131	MT318	FOUNDRY TECHNOLOGY LAB	23	46	2
14VV5A3132	MT311	INDUSTRIAL MANAGEMENT	24	44	3
14VV5A3132	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	22	50	3
14VV5A3132	MT313	FUELS FURNACES AND REFRACTORIES	29	46	3
14VV5A3132	MT314	FOUNDRY TECHNOLOGY	24	47	3
14VV5A3132	MT315	IRON PRODUCTION	25	56	3
14VV5A3132	MT316	NON FERROUS EXTRACTIVE METALLURGY	22	56	3
14VV5A3132	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	45	2
14VV5A3132	MT318	FOUNDRY TECHNOLOGY LAB	22	48	2
14VV5A3133	MT311	INDUSTRIAL MANAGEMENT	23	51	3
14VV5A3133	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	21	44	3
14VV5A3133	MT313	FUELS FURNACES AND REFRACTORIES	29	50	3
14VV5A3133	MT314	FOUNDRY TECHNOLOGY	26	51	3
14VV5A3133	MT315	IRON PRODUCTION	21	48	3
14VV5A3133	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	53	3
14VV5A3133	MT317	FUELS FURNACES AND REFRACTORIES LAB	24	48	2
14VV5A3133	MT318	FOUNDRY TECHNOLOGY LAB	24	48	2

**\*\* Note:\*\***

\* -1 in the filed of externals indicates student absent for the respective subject.

\* -2 in the filed of externals indicates student Withheld for the respective subject.

\* -3 in the filed of externals indicates student Malpractice for the respective subject.



Date:21-04-2016

Controller of Examinations