



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for III B.Tech I Semester Regular/Supplementary [R13 / R10] Examinations Nov-2017

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

Htno	Subcode	Subname	Internal	External	Credits
10VV1A0308	ME313	DESIGN OF MACHINE MEMBERS - I	21	27	4
10VV1A0308	ME315	THERMAL ENGINEERING - II	16	26	4
12VV1A0205	R31026	LINEAR & DIGITAL IC APPLICATIONS	4	38	4
13VV1A0242	RT31025	POWER ELECTRONICS	15	33	3
13VV1A0242	RT31026	LINEAR & DIGITAL IC APPLICATIONS	11	15	0
13VV1A0256	RT31025	POWER ELECTRONICS	10	30	3
13VV1A0256	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	9	0
13VV1A0258	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	16	-1	0
13VV1A0258	RT31024	ELECTRICAL MACHINES - III	14	5	0
13VV1A0258	RT31025	POWER ELECTRONICS	12	10	0
13VV1A0258	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	-1	0
13VV1A0314	RT31031	DYNAMICS OF MACHINERY	15	35	3
13VV1A0314	RT31033	DESIGN OF MACHINE MEMBERS - I	16	27	3
13VV1A0314	RT31035	THERMAL ENGINEERING - II	21	18	0
13VV1A0333	RT31035	THERMAL ENGINEERING - II	15	38	3
13VV1A0340	RT31031	DYNAMICS OF MACHINERY	15	43	3
13VV1A0340	RT31035	THERMAL ENGINEERING - II	16	24	3
14VV1A0130	RT31011	GEOTECHNICAL ENGINEERING - I	22	17	0
14VV1A0130	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	20	31	3
14VV1A0130	RT31015	TRANSPORTATION ENGINEERING - I	28	25	3
14VV1A0208	RT31025	POWER ELECTRONICS	13	7	0
14VV1A0302	RT31031	DYNAMICS OF MACHINERY	14	18	0
14VV1A0302	RT31035	THERMAL ENGINEERING - II	12	12	0
14VV1A0307	RT31035	THERMAL ENGINEERING - II	14	31	3
14VV1A0317	RT31031	DYNAMICS OF MACHINERY	16	41	3
14VV1A0317	RT31035	THERMAL ENGINEERING - II	15	34	3
14VV1A0335	RT31031	DYNAMICS OF MACHINERY	16	19	0
14VV1A0337	RT31031	DYNAMICS OF MACHINERY	24	33	3
14VV1A0337	RT31033	DESIGN OF MACHINE MEMBERS - I	14	32	3
14VV1A0337	RT31035	THERMAL ENGINEERING - II	19	29	3
14VV1A0346	RT31031	DYNAMICS OF MACHINERY	18	19	0
14VV1A0346	RT31035	THERMAL ENGINEERING - II	17	14	0
14VV1A0347	RT31031	DYNAMICS OF MACHINERY	21	34	3
14VV1A0356	RT31016	IPR & PATENTS	21	42	3
14VV1A0356	RT31031	DYNAMICS OF MACHINERY	24	48	3
14VV1A0356	RT31032	METAL CUTTING & MACHINE TOOLS	27	45	3
14VV1A0356	RT31033	DESIGN OF MACHINE MEMBERS - I	22	47	3
14VV1A0356	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	53	3
14VV1A0356	RT31035	THERMAL ENGINEERING - II	23	48	3
14VV1A0356	RT31036	METROLOGY	26	52	3
14VV1A0356	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
14VV1A0356	RT31038	MACHINE TOOLS LAB	22	44	2
14VV1A0523	RT31052	DATA COMMUNICATION	20	38	3
14VV1A0523	RT31055	OPERATING SYSTEMS	15	33	3

Htno	Subcode	Subname	Internal	External	Credits
14VV1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	13	50	3
14VV1A0554	RT31051	COMPILER DESIGN	25	33	3
15VV1A0101	RT31011	GEOTECHNICAL ENGINEERING - I	21	60	3
15VV1A0101	RT31012	STRUCTURAL ANALYSIS - II	20	38	3
15VV1A0101	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	42	3
15VV1A0101	RT31014	ENGINEERING GEOLOGY	24	51	3
15VV1A0101	RT31015	TRANSPORTATION ENGINEERING - I	23	51	3
15VV1A0101	RT31016	IPR & PATENTS	29	43	3
15VV1A0101	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
15VV1A0101	RT31018	ENGINEERING GEOLOGY LAB	22	43	2
15VV1A0102	RT31011	GEOTECHNICAL ENGINEERING - I	19	62	3
15VV1A0102	RT31012	STRUCTURAL ANALYSIS - II	27	47	3
15VV1A0102	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	52	3
15VV1A0102	RT31014	ENGINEERING GEOLOGY	20	55	3
15VV1A0102	RT31015	TRANSPORTATION ENGINEERING - I	25	56	3
15VV1A0102	RT31016	IPR & PATENTS	29	45	3
15VV1A0102	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
15VV1A0102	RT31018	ENGINEERING GEOLOGY LAB	20	43	2
15VV1A0103	RT31011	GEOTECHNICAL ENGINEERING - I	26	58	3
15VV1A0103	RT31012	STRUCTURAL ANALYSIS - II	25	47	3
15VV1A0103	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	26	3
15VV1A0103	RT31014	ENGINEERING GEOLOGY	20	54	3
15VV1A0103	RT31015	TRANSPORTATION ENGINEERING - I	27	59	3
15VV1A0103	RT31016	IPR & PATENTS	29	41	3
15VV1A0103	RT31017	GEOTECHNICAL ENGINEERING LAB	23	45	2
15VV1A0103	RT31018	ENGINEERING GEOLOGY LAB	20	41	2
15VV1A0104	RT31011	GEOTECHNICAL ENGINEERING - I	23	62	3
15VV1A0104	RT31012	STRUCTURAL ANALYSIS - II	25	55	3
15VV1A0104	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	43	3
15VV1A0104	RT31014	ENGINEERING GEOLOGY	24	58	3
15VV1A0104	RT31015	TRANSPORTATION ENGINEERING - I	22	66	3
15VV1A0104	RT31016	IPR & PATENTS	29	40	3
15VV1A0104	RT31017	GEOTECHNICAL ENGINEERING LAB	20	48	2
15VV1A0104	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
15VV1A0105	RT31011	GEOTECHNICAL ENGINEERING - I	25	63	3
15VV1A0105	RT31012	STRUCTURAL ANALYSIS - II	26	42	3
15VV1A0105	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	30	3
15VV1A0105	RT31014	ENGINEERING GEOLOGY	22	52	3
15VV1A0105	RT31015	TRANSPORTATION ENGINEERING - I	26	48	3
15VV1A0105	RT31016	IPR & PATENTS	29	44	3
15VV1A0105	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
15VV1A0105	RT31018	ENGINEERING GEOLOGY LAB	21	45	2
15VV1A0106	RT31011	GEOTECHNICAL ENGINEERING - I	20	66	3
15VV1A0106	RT31012	STRUCTURAL ANALYSIS - II	24	49	3
15VV1A0106	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	52	3
15VV1A0106	RT31014	ENGINEERING GEOLOGY	23	49	3
15VV1A0106	RT31015	TRANSPORTATION ENGINEERING - I	28	58	3
15VV1A0106	RT31016	IPR & PATENTS	29	42	3
15VV1A0106	RT31017	GEOTECHNICAL ENGINEERING LAB	22	49	2
15VV1A0106	RT31018	ENGINEERING GEOLOGY LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0107	RT31011	GEOTECHNICAL ENGINEERING - I	22	33	3
15VV1A0107	RT31012	STRUCTURAL ANALYSIS - II	23	32	3
15VV1A0107	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	25	18	0
15VV1A0107	RT31014	ENGINEERING GEOLOGY	23	35	3
15VV1A0107	RT31015	TRANSPORTATION ENGINEERING - I	23	24	3
15VV1A0107	RT31016	IPR & PATENTS	23	37	3
15VV1A0107	RT31017	GEOTECHNICAL ENGINEERING LAB	20	46	2
15VV1A0107	RT31018	ENGINEERING GEOLOGY LAB	20	41	2
15VV1A0109	RT31011	GEOTECHNICAL ENGINEERING - I	26	66	3
15VV1A0109	RT31012	STRUCTURAL ANALYSIS - II	28	66	3
15VV1A0109	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	56	3
15VV1A0109	RT31014	ENGINEERING GEOLOGY	25	49	3
15VV1A0109	RT31015	TRANSPORTATION ENGINEERING - I	28	70	3
15VV1A0109	RT31016	IPR & PATENTS	28	43	3
15VV1A0109	RT31017	GEOTECHNICAL ENGINEERING LAB	18	50	2
15VV1A0109	RT31018	ENGINEERING GEOLOGY LAB	23	48	2
15VV1A0110	RT31011	GEOTECHNICAL ENGINEERING - I	23	46	3
15VV1A0110	RT31012	STRUCTURAL ANALYSIS - II	24	40	3
15VV1A0110	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	24	32	3
15VV1A0110	RT31014	ENGINEERING GEOLOGY	20	35	3
15VV1A0110	RT31015	TRANSPORTATION ENGINEERING - I	21	28	3
15VV1A0110	RT31016	IPR & PATENTS	23	34	3
15VV1A0110	RT31017	GEOTECHNICAL ENGINEERING LAB	21	45	2
15VV1A0110	RT31018	ENGINEERING GEOLOGY LAB	20	41	2
15VV1A0111	RT31011	GEOTECHNICAL ENGINEERING - I	20	67	3
15VV1A0111	RT31012	STRUCTURAL ANALYSIS - II	26	69	3
15VV1A0111	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	57	3
15VV1A0111	RT31014	ENGINEERING GEOLOGY	23	47	3
15VV1A0111	RT31015	TRANSPORTATION ENGINEERING - I	27	70	3
15VV1A0111	RT31016	IPR & PATENTS	29	43	3
15VV1A0111	RT31017	GEOTECHNICAL ENGINEERING LAB	24	48	2
15VV1A0111	RT31018	ENGINEERING GEOLOGY LAB	23	46	2
15VV1A0112	RT31011	GEOTECHNICAL ENGINEERING - I	18	50	3
15VV1A0112	RT31012	STRUCTURAL ANALYSIS - II	24	39	3
15VV1A0112	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	28	3
15VV1A0112	RT31014	ENGINEERING GEOLOGY	22	49	3
15VV1A0112	RT31015	TRANSPORTATION ENGINEERING - I	25	37	3
15VV1A0112	RT31016	IPR & PATENTS	27	41	3
15VV1A0112	RT31017	GEOTECHNICAL ENGINEERING LAB	20	46	2
15VV1A0112	RT31018	ENGINEERING GEOLOGY LAB	20	46	2
15VV1A0113	RT31011	GEOTECHNICAL ENGINEERING - I	20	51	3
15VV1A0113	RT31012	STRUCTURAL ANALYSIS - II	24	41	3
15VV1A0113	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	34	3
15VV1A0113	RT31014	ENGINEERING GEOLOGY	19	45	3
15VV1A0113	RT31015	TRANSPORTATION ENGINEERING - I	21	42	3
15VV1A0113	RT31016	IPR & PATENTS	27	45	3
15VV1A0113	RT31017	GEOTECHNICAL ENGINEERING LAB	23	44	2
15VV1A0113	RT31018	ENGINEERING GEOLOGY LAB	21	43	2
15VV1A0114	RT31011	GEOTECHNICAL ENGINEERING - I	28	64	3
15VV1A0114	RT31012	STRUCTURAL ANALYSIS - II	28	47	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0114	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	50	3
15VV1A0114	RT31014	ENGINEERING GEOLOGY	23	48	3
15VV1A0114	RT31015	TRANSPORTATION ENGINEERING - I	26	49	3
15VV1A0114	RT31016	IPR & PATENTS	29	44	3
15VV1A0114	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
15VV1A0114	RT31018	ENGINEERING GEOLOGY LAB	22	44	2
15VV1A0115	RT31011	GEOTECHNICAL ENGINEERING - I	27	68	3
15VV1A0115	RT31012	STRUCTURAL ANALYSIS - II	27	67	3
15VV1A0115	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	50	3
15VV1A0115	RT31014	ENGINEERING GEOLOGY	26	54	3
15VV1A0115	RT31015	TRANSPORTATION ENGINEERING - I	27	70	3
15VV1A0115	RT31016	IPR & PATENTS	26	45	3
15VV1A0115	RT31017	GEOTECHNICAL ENGINEERING LAB	23	49	2
15VV1A0115	RT31018	ENGINEERING GEOLOGY LAB	24	48	2
15VV1A0117	RT31011	GEOTECHNICAL ENGINEERING - I	23	48	3
15VV1A0117	RT31012	STRUCTURAL ANALYSIS - II	24	35	3
15VV1A0117	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	34	3
15VV1A0117	RT31014	ENGINEERING GEOLOGY	21	46	3
15VV1A0117	RT31015	TRANSPORTATION ENGINEERING - I	24	30	3
15VV1A0117	RT31016	IPR & PATENTS	26	41	3
15VV1A0117	RT31017	GEOTECHNICAL ENGINEERING LAB	21	46	2
15VV1A0117	RT31018	ENGINEERING GEOLOGY LAB	19	41	2
15VV1A0119	RT31011	GEOTECHNICAL ENGINEERING - I	21	40	3
15VV1A0119	RT31012	STRUCTURAL ANALYSIS - II	25	43	3
15VV1A0119	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	26	34	3
15VV1A0119	RT31014	ENGINEERING GEOLOGY	22	42	3
15VV1A0119	RT31015	TRANSPORTATION ENGINEERING - I	25	44	3
15VV1A0119	RT31016	IPR & PATENTS	28	40	3
15VV1A0119	RT31017	GEOTECHNICAL ENGINEERING LAB	23	47	2
15VV1A0119	RT31018	ENGINEERING GEOLOGY LAB	22	46	2
15VV1A0120	RT31011	GEOTECHNICAL ENGINEERING - I	27	60	3
15VV1A0120	RT31012	STRUCTURAL ANALYSIS - II	27	58	3
15VV1A0120	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	64	3
15VV1A0120	RT31014	ENGINEERING GEOLOGY	25	51	3
15VV1A0120	RT31015	TRANSPORTATION ENGINEERING - I	27	61	3
15VV1A0120	RT31016	IPR & PATENTS	27	43	3
15VV1A0120	RT31017	GEOTECHNICAL ENGINEERING LAB	20	47	2
15VV1A0120	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
15VV1A0121	RT31011	GEOTECHNICAL ENGINEERING - I	25	29	3
15VV1A0121	RT31012	STRUCTURAL ANALYSIS - II	22	32	3
15VV1A0121	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	22	24	3
15VV1A0121	RT31014	ENGINEERING GEOLOGY	18	37	3
15VV1A0121	RT31015	TRANSPORTATION ENGINEERING - I	18	28	3
15VV1A0121	RT31016	IPR & PATENTS	22	43	3
15VV1A0121	RT31017	GEOTECHNICAL ENGINEERING LAB	21	46	2
15VV1A0121	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
15VV1A0122	RT31011	GEOTECHNICAL ENGINEERING - I	23	52	3
15VV1A0122	RT31012	STRUCTURAL ANALYSIS - II	24	29	3
15VV1A0122	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	21	33	3
15VV1A0122	RT31014	ENGINEERING GEOLOGY	20	42	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0122	RT31015	TRANSPORTATION ENGINEERING - I	21	30	3
15VV1A0122	RT31016	IPR & PATENTS	24	39	3
15VV1A0122	RT31017	GEOTECHNICAL ENGINEERING LAB	21	44	2
15VV1A0122	RT31018	ENGINEERING GEOLOGY LAB	20	40	2
15VV1A0123	RT31011	GEOTECHNICAL ENGINEERING - I	27	51	3
15VV1A0123	RT31012	STRUCTURAL ANALYSIS - II	19	36	3
15VV1A0123	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	30	3
15VV1A0123	RT31014	ENGINEERING GEOLOGY	20	34	3
15VV1A0123	RT31015	TRANSPORTATION ENGINEERING - I	22	52	3
15VV1A0123	RT31016	IPR & PATENTS	24	32	3
15VV1A0123	RT31017	GEOTECHNICAL ENGINEERING LAB	22	46	2
15VV1A0123	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
15VV1A0124	RT31011	GEOTECHNICAL ENGINEERING - I	26	65	3
15VV1A0124	RT31012	STRUCTURAL ANALYSIS - II	23	57	3
15VV1A0124	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	44	3
15VV1A0124	RT31014	ENGINEERING GEOLOGY	22	57	3
15VV1A0124	RT31015	TRANSPORTATION ENGINEERING - I	23	44	3
15VV1A0124	RT31016	IPR & PATENTS	29	45	3
15VV1A0124	RT31017	GEOTECHNICAL ENGINEERING LAB	22	47	2
15VV1A0124	RT31018	ENGINEERING GEOLOGY LAB	23	47	2
15VV1A0125	RT31011	GEOTECHNICAL ENGINEERING - I	25	53	3
15VV1A0125	RT31012	STRUCTURAL ANALYSIS - II	23	46	3
15VV1A0125	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	23	42	3
15VV1A0125	RT31014	ENGINEERING GEOLOGY	22	43	3
15VV1A0125	RT31015	TRANSPORTATION ENGINEERING - I	21	46	3
15VV1A0125	RT31016	IPR & PATENTS	26	40	3
15VV1A0125	RT31017	GEOTECHNICAL ENGINEERING LAB	20	47	2
15VV1A0125	RT31018	ENGINEERING GEOLOGY LAB	20	44	2
15VV1A0127	RT31011	GEOTECHNICAL ENGINEERING - I	20	56	3
15VV1A0127	RT31012	STRUCTURAL ANALYSIS - II	26	42	3
15VV1A0127	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	28	34	3
15VV1A0127	RT31014	ENGINEERING GEOLOGY	24	54	3
15VV1A0127	RT31015	TRANSPORTATION ENGINEERING - I	23	50	3
15VV1A0127	RT31016	IPR & PATENTS	25	42	3
15VV1A0127	RT31017	GEOTECHNICAL ENGINEERING LAB	24	47	2
15VV1A0127	RT31018	ENGINEERING GEOLOGY LAB	20	46	2
15VV1A0128	RT31011	GEOTECHNICAL ENGINEERING - I	21	57	3
15VV1A0128	RT31012	STRUCTURAL ANALYSIS - II	22	55	3
15VV1A0128	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	38	3
15VV1A0128	RT31014	ENGINEERING GEOLOGY	21	52	3
15VV1A0128	RT31015	TRANSPORTATION ENGINEERING - I	25	70	3
15VV1A0128	RT31016	IPR & PATENTS	23	41	3
15VV1A0128	RT31017	GEOTECHNICAL ENGINEERING LAB	21	44	2
15VV1A0128	RT31018	ENGINEERING GEOLOGY LAB	19	40	2
15VV1A0201	RT31016	IPR & PATENTS	23	47	3
15VV1A0201	RT31021	ELECTRICAL MEASUREMENTS	25	52	3
15VV1A0201	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	39	3
15VV1A0201	RT31023	POWER SYSTEMS - II	17	42	3
15VV1A0201	RT31024	ELECTRICAL MACHINES - III	22	43	3
15VV1A0201	RT31025	POWER ELECTRONICS	23	38	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0201	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	50	3
15VV1A0201	RT31027	ELECTRICAL MACHINES - II LAB	22	45	2
15VV1A0201	RT31028	CONTROL SYSTEMS LAB	21	39	2
15VV1A0203	RT31016	IPR & PATENTS	23	46	3
15VV1A0203	RT31021	ELECTRICAL MEASUREMENTS	25	52	3
15VV1A0203	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	42	3
15VV1A0203	RT31023	POWER SYSTEMS - II	17	44	3
15VV1A0203	RT31024	ELECTRICAL MACHINES - III	20	43	3
15VV1A0203	RT31025	POWER ELECTRONICS	25	36	3
15VV1A0203	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	34	3
15VV1A0203	RT31027	ELECTRICAL MACHINES - II LAB	22	46	2
15VV1A0203	RT31028	CONTROL SYSTEMS LAB	23	33	2
15VV1A0204	RT31016	IPR & PATENTS	20	41	3
15VV1A0204	RT31021	ELECTRICAL MEASUREMENTS	20	53	3
15VV1A0204	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	41	3
15VV1A0204	RT31023	POWER SYSTEMS - II	18	38	3
15VV1A0204	RT31024	ELECTRICAL MACHINES - III	14	43	3
15VV1A0204	RT31025	POWER ELECTRONICS	25	45	3
15VV1A0204	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	25	3
15VV1A0204	RT31027	ELECTRICAL MACHINES - II LAB	22	47	2
15VV1A0204	RT31028	CONTROL SYSTEMS LAB	21	40	2
15VV1A0205	RT31016	IPR & PATENTS	18	44	3
15VV1A0205	RT31021	ELECTRICAL MEASUREMENTS	26	50	3
15VV1A0205	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	44	3
15VV1A0205	RT31023	POWER SYSTEMS - II	17	46	3
15VV1A0205	RT31024	ELECTRICAL MACHINES - III	23	42	3
15VV1A0205	RT31025	POWER ELECTRONICS	23	49	3
15VV1A0205	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	44	3
15VV1A0205	RT31027	ELECTRICAL MACHINES - II LAB	22	47	2
15VV1A0205	RT31028	CONTROL SYSTEMS LAB	23	38	2
15VV1A0206	RT31016	IPR & PATENTS	17	40	3
15VV1A0206	RT31021	ELECTRICAL MEASUREMENTS	16	28	3
15VV1A0206	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	18	37	3
15VV1A0206	RT31023	POWER SYSTEMS - II	11	29	3
15VV1A0206	RT31024	ELECTRICAL MACHINES - III	14	13	0
15VV1A0206	RT31025	POWER ELECTRONICS	23	24	3
15VV1A0206	RT31026	LINEAR & DIGITAL IC APPLICATIONS	14	26	3
15VV1A0206	RT31027	ELECTRICAL MACHINES - II LAB	20	30	2
15VV1A0206	RT31028	CONTROL SYSTEMS LAB	16	9	0
15VV1A0207	RT31016	IPR & PATENTS	24	46	3
15VV1A0207	RT31021	ELECTRICAL MEASUREMENTS	25	54	3
15VV1A0207	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	42	3
15VV1A0207	RT31023	POWER SYSTEMS - II	13	47	3
15VV1A0207	RT31024	ELECTRICAL MACHINES - III	27	43	3
15VV1A0207	RT31025	POWER ELECTRONICS	22	46	3
15VV1A0207	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	33	3
15VV1A0207	RT31027	ELECTRICAL MACHINES - II LAB	23	42	2
15VV1A0207	RT31028	CONTROL SYSTEMS LAB	16	29	2
15VV1A0209	RT31016	IPR & PATENTS	23	47	3
15VV1A0209	RT31021	ELECTRICAL MEASUREMENTS	26	65	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0209	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	51	3
15VV1A0209	RT31023	POWER SYSTEMS - II	21	40	3
15VV1A0209	RT31024	ELECTRICAL MACHINES - III	26	60	3
15VV1A0209	RT31025	POWER ELECTRONICS	28	55	3
15VV1A0209	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	57	3
15VV1A0209	RT31027	ELECTRICAL MACHINES - II LAB	23	44	2
15VV1A0209	RT31028	CONTROL SYSTEMS LAB	23	36	2
15VV1A0211	RT31016	IPR & PATENTS	25	46	3
15VV1A0211	RT31021	ELECTRICAL MEASUREMENTS	27	55	3
15VV1A0211	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	51	3
15VV1A0211	RT31023	POWER SYSTEMS - II	11	52	3
15VV1A0211	RT31024	ELECTRICAL MACHINES - III	18	50	3
15VV1A0211	RT31025	POWER ELECTRONICS	20	51	3
15VV1A0211	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	40	3
15VV1A0211	RT31027	ELECTRICAL MACHINES - II LAB	24	46	2
15VV1A0211	RT31028	CONTROL SYSTEMS LAB	23	44	2
15VV1A0212	RT31016	IPR & PATENTS	20	42	3
15VV1A0212	RT31021	ELECTRICAL MEASUREMENTS	22	58	3
15VV1A0212	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	43	3
15VV1A0212	RT31023	POWER SYSTEMS - II	22	49	3
15VV1A0212	RT31024	ELECTRICAL MACHINES - III	22	42	3
15VV1A0212	RT31025	POWER ELECTRONICS	27	49	3
15VV1A0212	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	40	3
15VV1A0212	RT31027	ELECTRICAL MACHINES - II LAB	22	47	2
15VV1A0212	RT31028	CONTROL SYSTEMS LAB	23	42	2
15VV1A0213	RT31016	IPR & PATENTS	21	47	3
15VV1A0213	RT31021	ELECTRICAL MEASUREMENTS	24	48	3
15VV1A0213	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	46	3
15VV1A0213	RT31023	POWER SYSTEMS - II	14	45	3
15VV1A0213	RT31024	ELECTRICAL MACHINES - III	23	45	3
15VV1A0213	RT31025	POWER ELECTRONICS	21	44	3
15VV1A0213	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	44	3
15VV1A0213	RT31027	ELECTRICAL MACHINES - II LAB	21	47	2
15VV1A0213	RT31028	CONTROL SYSTEMS LAB	20	33	2
15VV1A0214	RT31016	IPR & PATENTS	20	43	3
15VV1A0214	RT31021	ELECTRICAL MEASUREMENTS	27	62	3
15VV1A0214	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	42	3
15VV1A0214	RT31023	POWER SYSTEMS - II	17	39	3
15VV1A0214	RT31024	ELECTRICAL MACHINES - III	25	44	3
15VV1A0214	RT31025	POWER ELECTRONICS	29	51	3
15VV1A0214	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	53	3
15VV1A0214	RT31027	ELECTRICAL MACHINES - II LAB	21	44	2
15VV1A0214	RT31028	CONTROL SYSTEMS LAB	23	37	2
15VV1A0216	RT31016	IPR & PATENTS	23	40	3
15VV1A0216	RT31021	ELECTRICAL MEASUREMENTS	27	43	3
15VV1A0216	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	44	3
15VV1A0216	RT31023	POWER SYSTEMS - II	21	37	3
15VV1A0216	RT31024	ELECTRICAL MACHINES - III	25	51	3
15VV1A0216	RT31025	POWER ELECTRONICS	25	50	3
15VV1A0216	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	33	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0216	RT31027	ELECTRICAL MACHINES - II LAB	23	47	2
15VV1A0216	RT31028	CONTROL SYSTEMS LAB	23	40	2
15VV1A0217	RT31016	IPR & PATENTS	23	44	3
15VV1A0217	RT31021	ELECTRICAL MEASUREMENTS	12	37	3
15VV1A0217	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	39	3
15VV1A0217	RT31023	POWER SYSTEMS - II	10	45	3
15VV1A0217	RT31024	ELECTRICAL MACHINES - III	15	37	3
15VV1A0217	RT31025	POWER ELECTRONICS	22	38	3
15VV1A0217	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	39	3
15VV1A0217	RT31027	ELECTRICAL MACHINES - II LAB	22	36	2
15VV1A0217	RT31028	CONTROL SYSTEMS LAB	15	31	2
15VV1A0218	RT31016	IPR & PATENTS	22	38	3
15VV1A0218	RT31021	ELECTRICAL MEASUREMENTS	28	56	3
15VV1A0218	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	49	3
15VV1A0218	RT31023	POWER SYSTEMS - II	17	48	3
15VV1A0218	RT31024	ELECTRICAL MACHINES - III	27	46	3
15VV1A0218	RT31025	POWER ELECTRONICS	27	61	3
15VV1A0218	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	46	3
15VV1A0218	RT31027	ELECTRICAL MACHINES - II LAB	23	46	2
15VV1A0218	RT31028	CONTROL SYSTEMS LAB	24	45	2
15VV1A0219	RT31016	IPR & PATENTS	20	42	3
15VV1A0219	RT31021	ELECTRICAL MEASUREMENTS	15	42	3
15VV1A0219	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	42	3
15VV1A0219	RT31023	POWER SYSTEMS - II	23	48	3
15VV1A0219	RT31024	ELECTRICAL MACHINES - III	23	48	3
15VV1A0219	RT31025	POWER ELECTRONICS	25	60	3
15VV1A0219	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	49	3
15VV1A0219	RT31027	ELECTRICAL MACHINES - II LAB	21	40	2
15VV1A0219	RT31028	CONTROL SYSTEMS LAB	14	23	2
15VV1A0220	RT31016	IPR & PATENTS	20	47	3
15VV1A0220	RT31021	ELECTRICAL MEASUREMENTS	23	42	3
15VV1A0220	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	43	3
15VV1A0220	RT31023	POWER SYSTEMS - II	20	40	3
15VV1A0220	RT31024	ELECTRICAL MACHINES - III	21	37	3
15VV1A0220	RT31025	POWER ELECTRONICS	24	41	3
15VV1A0220	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	43	3
15VV1A0220	RT31027	ELECTRICAL MACHINES - II LAB	22	43	2
15VV1A0220	RT31028	CONTROL SYSTEMS LAB	17	38	2
15VV1A0221	RT31016	IPR & PATENTS	20	44	3
15VV1A0221	RT31021	ELECTRICAL MEASUREMENTS	27	54	3
15VV1A0221	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	43	3
15VV1A0221	RT31023	POWER SYSTEMS - II	12	42	3
15VV1A0221	RT31024	ELECTRICAL MACHINES - III	21	42	3
15VV1A0221	RT31025	POWER ELECTRONICS	22	42	3
15VV1A0221	RT31026	LINEAR & DIGITAL IC APPLICATIONS	18	42	3
15VV1A0221	RT31027	ELECTRICAL MACHINES - II LAB	22	47	2
15VV1A0221	RT31028	CONTROL SYSTEMS LAB	23	42	2
15VV1A0222	RT31016	IPR & PATENTS	23	45	3
15VV1A0222	RT31021	ELECTRICAL MEASUREMENTS	28	54	3
15VV1A0222	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	44	3



Htno	Subcode	Subname	Internal	External	Credits
15VV1A0222	RT31023	POWER SYSTEMS - II	18	47	3
15VV1A0222	RT31024	ELECTRICAL MACHINES - III	27	41	3
15VV1A0222	RT31025	POWER ELECTRONICS	27	62	3
15VV1A0222	RT31026	LINEAR & DIGITAL IC APPLICATIONS	25	44	3
15VV1A0222	RT31027	ELECTRICAL MACHINES - II LAB	23	44	2
15VV1A0222	RT31028	CONTROL SYSTEMS LAB	23	40	2
15VV1A0223	RT31016	IPR & PATENTS	20	43	3
15VV1A0223	RT31021	ELECTRICAL MEASUREMENTS	26	44	3
15VV1A0223	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	22	41	3
15VV1A0223	RT31023	POWER SYSTEMS - II	14	42	3
15VV1A0223	RT31024	ELECTRICAL MACHINES - III	21	35	3
15VV1A0223	RT31025	POWER ELECTRONICS	21	30	3
15VV1A0223	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	43	3
15VV1A0223	RT31027	ELECTRICAL MACHINES - II LAB	20	44	2
15VV1A0223	RT31028	CONTROL SYSTEMS LAB	20	23	2
15VV1A0224	RT31016	IPR & PATENTS	23	39	3
15VV1A0224	RT31021	ELECTRICAL MEASUREMENTS	25	53	3
15VV1A0224	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	44	3
15VV1A0224	RT31023	POWER SYSTEMS - II	22	47	3
15VV1A0224	RT31024	ELECTRICAL MACHINES - III	23	49	3
15VV1A0224	RT31025	POWER ELECTRONICS	25	54	3
15VV1A0224	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	44	3
15VV1A0224	RT31027	ELECTRICAL MACHINES - II LAB	24	42	2
15VV1A0224	RT31028	CONTROL SYSTEMS LAB	22	43	2
15VV1A0225	RT31016	IPR & PATENTS	21	38	3
15VV1A0225	RT31021	ELECTRICAL MEASUREMENTS	20	45	3
15VV1A0225	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	46	3
15VV1A0225	RT31023	POWER SYSTEMS - II	11	40	3
15VV1A0225	RT31024	ELECTRICAL MACHINES - III	14	44	3
15VV1A0225	RT31025	POWER ELECTRONICS	19	28	3
15VV1A0225	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	37	3
15VV1A0225	RT31027	ELECTRICAL MACHINES - II LAB	23	40	2
15VV1A0225	RT31028	CONTROL SYSTEMS LAB	20	28	2
15VV1A0227	RT31016	IPR & PATENTS	23	44	3
15VV1A0227	RT31021	ELECTRICAL MEASUREMENTS	24	46	3
15VV1A0227	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	41	3
15VV1A0227	RT31023	POWER SYSTEMS - II	19	51	3
15VV1A0227	RT31024	ELECTRICAL MACHINES - III	19	42	3
15VV1A0227	RT31025	POWER ELECTRONICS	17	44	3
15VV1A0227	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	30	3
15VV1A0227	RT31027	ELECTRICAL MACHINES - II LAB	21	30	2
15VV1A0227	RT31028	CONTROL SYSTEMS LAB	22	32	2
15VV1A0228	RT31016	IPR & PATENTS	17	35	3
15VV1A0228	RT31021	ELECTRICAL MEASUREMENTS	18	33	3
15VV1A0228	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	15	38	3
15VV1A0228	RT31023	POWER SYSTEMS - II	9	42	3
15VV1A0228	RT31024	ELECTRICAL MACHINES - III	11	44	3
15VV1A0228	RT31025	POWER ELECTRONICS	16	28	3
15VV1A0228	RT31026	LINEAR & DIGITAL IC APPLICATIONS	13	27	3
15VV1A0228	RT31027	ELECTRICAL MACHINES - II LAB	20	18	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0228	RT31028	CONTROL SYSTEMS LAB	19	32	2
15VV1A0229	RT31016	IPR & PATENTS	22	44	3
15VV1A0229	RT31021	ELECTRICAL MEASUREMENTS	23	46	3
15VV1A0229	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	45	3
15VV1A0229	RT31023	POWER SYSTEMS - II	16	46	3
15VV1A0229	RT31024	ELECTRICAL MACHINES - III	22	63	3
15VV1A0229	RT31025	POWER ELECTRONICS	23	50	3
15VV1A0229	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	31	3
15VV1A0229	RT31027	ELECTRICAL MACHINES - II LAB	22	45	2
15VV1A0229	RT31028	CONTROL SYSTEMS LAB	23	41	2
15VV1A0231	RT31016	IPR & PATENTS	19	45	3
15VV1A0231	RT31021	ELECTRICAL MEASUREMENTS	25	42	3
15VV1A0231	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	43	3
15VV1A0231	RT31023	POWER SYSTEMS - II	20	48	3
15VV1A0231	RT31024	ELECTRICAL MACHINES - III	21	35	3
15VV1A0231	RT31025	POWER ELECTRONICS	25	40	3
15VV1A0231	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	39	3
15VV1A0231	RT31027	ELECTRICAL MACHINES - II LAB	21	44	2
15VV1A0231	RT31028	CONTROL SYSTEMS LAB	20	40	2
15VV1A0232	RT31016	IPR & PATENTS	22	39	3
15VV1A0232	RT31021	ELECTRICAL MEASUREMENTS	23	55	3
15VV1A0232	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	43	3
15VV1A0232	RT31023	POWER SYSTEMS - II	14	40	3
15VV1A0232	RT31024	ELECTRICAL MACHINES - III	20	43	3
15VV1A0232	RT31025	POWER ELECTRONICS	23	46	3
15VV1A0232	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	49	3
15VV1A0232	RT31027	ELECTRICAL MACHINES - II LAB	23	43	2
15VV1A0232	RT31028	CONTROL SYSTEMS LAB	21	25	2
15VV1A0233	RT31016	IPR & PATENTS	23	45	3
15VV1A0233	RT31021	ELECTRICAL MEASUREMENTS	23	52	3
15VV1A0233	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	47	3
15VV1A0233	RT31023	POWER SYSTEMS - II	19	52	3
15VV1A0233	RT31024	ELECTRICAL MACHINES - III	22	41	3
15VV1A0233	RT31025	POWER ELECTRONICS	27	56	3
15VV1A0233	RT31026	LINEAR & DIGITAL IC APPLICATIONS	22	45	3
15VV1A0233	RT31027	ELECTRICAL MACHINES - II LAB	22	45	2
15VV1A0233	RT31028	CONTROL SYSTEMS LAB	23	41	2
15VV1A0234	RT31016	IPR & PATENTS	21	41	3
15VV1A0234	RT31021	ELECTRICAL MEASUREMENTS	28	57	3
15VV1A0234	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	38	3
15VV1A0234	RT31023	POWER SYSTEMS - II	22	46	3
15VV1A0234	RT31024	ELECTRICAL MACHINES - III	23	52	3
15VV1A0234	RT31025	POWER ELECTRONICS	24	48	3
15VV1A0234	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	39	3
15VV1A0234	RT31027	ELECTRICAL MACHINES - II LAB	22	47	2
15VV1A0234	RT31028	CONTROL SYSTEMS LAB	20	39	2
15VV1A0235	RT31016	IPR & PATENTS	24	47	3
15VV1A0235	RT31021	ELECTRICAL MEASUREMENTS	29	57	3
15VV1A0235	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	29	48	3
15VV1A0235	RT31023	POWER SYSTEMS - II	24	49	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0235	RT31024	ELECTRICAL MACHINES - III	27	52	3
15VV1A0235	RT31025	POWER ELECTRONICS	27	62	3
15VV1A0235	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	40	3
15VV1A0235	RT31027	ELECTRICAL MACHINES - II LAB	22	45	2
15VV1A0235	RT31028	CONTROL SYSTEMS LAB	24	41	2
15VV1A0236	RT31016	IPR & PATENTS	20	40	3
15VV1A0236	RT31021	ELECTRICAL MEASUREMENTS	22	55	3
15VV1A0236	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	45	3
15VV1A0236	RT31023	POWER SYSTEMS - II	15	47	3
15VV1A0236	RT31024	ELECTRICAL MACHINES - III	23	56	3
15VV1A0236	RT31025	POWER ELECTRONICS	24	52	3
15VV1A0236	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	32	3
15VV1A0236	RT31027	ELECTRICAL MACHINES - II LAB	23	44	2
15VV1A0236	RT31028	CONTROL SYSTEMS LAB	23	40	2
15VV1A0237	RT31016	IPR & PATENTS	24	40	3
15VV1A0237	RT31021	ELECTRICAL MEASUREMENTS	27	51	3
15VV1A0237	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	46	3
15VV1A0237	RT31023	POWER SYSTEMS - II	16	48	3
15VV1A0237	RT31024	ELECTRICAL MACHINES - III	17	52	3
15VV1A0237	RT31025	POWER ELECTRONICS	20	35	3
15VV1A0237	RT31026	LINEAR & DIGITAL IC APPLICATIONS	17	34	3
15VV1A0237	RT31027	ELECTRICAL MACHINES - II LAB	17	46	2
15VV1A0237	RT31028	CONTROL SYSTEMS LAB	20	23	2
15VV1A0238	RT31016	IPR & PATENTS	23	46	3
15VV1A0238	RT31021	ELECTRICAL MEASUREMENTS	27	57	3
15VV1A0238	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	49	3
15VV1A0238	RT31023	POWER SYSTEMS - II	23	48	3
15VV1A0238	RT31024	ELECTRICAL MACHINES - III	24	55	3
15VV1A0238	RT31025	POWER ELECTRONICS	25	50	3
15VV1A0238	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	43	3
15VV1A0238	RT31027	ELECTRICAL MACHINES - II LAB	23	45	2
15VV1A0238	RT31028	CONTROL SYSTEMS LAB	23	39	2
15VV1A0239	RT31016	IPR & PATENTS	22	44	3
15VV1A0239	RT31021	ELECTRICAL MEASUREMENTS	27	56	3
15VV1A0239	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	25	44	3
15VV1A0239	RT31023	POWER SYSTEMS - II	20	44	3
15VV1A0239	RT31024	ELECTRICAL MACHINES - III	23	53	3
15VV1A0239	RT31025	POWER ELECTRONICS	27	49	3
15VV1A0239	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	45	3
15VV1A0239	RT31027	ELECTRICAL MACHINES - II LAB	24	47	2
15VV1A0239	RT31028	CONTROL SYSTEMS LAB	23	40	2
15VV1A0240	RT31016	IPR & PATENTS	23	35	3
15VV1A0240	RT31021	ELECTRICAL MEASUREMENTS	23	47	3
15VV1A0240	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	44	3
15VV1A0240	RT31023	POWER SYSTEMS - II	17	31	3
15VV1A0240	RT31024	ELECTRICAL MACHINES - III	21	44	3
15VV1A0240	RT31025	POWER ELECTRONICS	24	44	3
15VV1A0240	RT31026	LINEAR & DIGITAL IC APPLICATIONS	21	26	3
15VV1A0240	RT31027	ELECTRICAL MACHINES - II LAB	21	35	2
15VV1A0240	RT31028	CONTROL SYSTEMS LAB	21	37	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0241	RT31016	IPR & PATENTS	17	37	3
15VV1A0241	RT31021	ELECTRICAL MEASUREMENTS	12	28	3
15VV1A0241	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	31	3
15VV1A0241	RT31023	POWER SYSTEMS - II	3	37	3
15VV1A0241	RT31024	ELECTRICAL MACHINES - III	14	9	0
15VV1A0241	RT31025	POWER ELECTRONICS	16	28	3
15VV1A0241	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	11	0
15VV1A0241	RT31027	ELECTRICAL MACHINES - II LAB	20	27	2
15VV1A0241	RT31028	CONTROL SYSTEMS LAB	15	22	2
15VV1A0242	RT31016	IPR & PATENTS	22	35	3
15VV1A0242	RT31021	ELECTRICAL MEASUREMENTS	18	45	3
15VV1A0242	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	37	3
15VV1A0242	RT31023	POWER SYSTEMS - II	12	38	3
15VV1A0242	RT31024	ELECTRICAL MACHINES - III	16	46	3
15VV1A0242	RT31025	POWER ELECTRONICS	18	48	3
15VV1A0242	RT31026	LINEAR & DIGITAL IC APPLICATIONS	19	24	3
15VV1A0242	RT31027	ELECTRICAL MACHINES - II LAB	21	40	2
15VV1A0242	RT31028	CONTROL SYSTEMS LAB	14	34	2
15VV1A0243	RT31016	IPR & PATENTS	22	41	3
15VV1A0243	RT31021	ELECTRICAL MEASUREMENTS	20	36	3
15VV1A0243	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	26	48	3
15VV1A0243	RT31023	POWER SYSTEMS - II	21	43	3
15VV1A0243	RT31024	ELECTRICAL MACHINES - III	21	29	3
15VV1A0243	RT31025	POWER ELECTRONICS	21	32	3
15VV1A0243	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	36	3
15VV1A0243	RT31027	ELECTRICAL MACHINES - II LAB	23	46	2
15VV1A0243	RT31028	CONTROL SYSTEMS LAB	19	37	2
15VV1A0244	RT31016	IPR & PATENTS	25	46	3
15VV1A0244	RT31021	ELECTRICAL MEASUREMENTS	30	58	3
15VV1A0244	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	51	3
15VV1A0244	RT31023	POWER SYSTEMS - II	28	48	3
15VV1A0244	RT31024	ELECTRICAL MACHINES - III	28	59	3
15VV1A0244	RT31025	POWER ELECTRONICS	30	61	3
15VV1A0244	RT31026	LINEAR & DIGITAL IC APPLICATIONS	28	36	3
15VV1A0244	RT31027	ELECTRICAL MACHINES - II LAB	23	45	2
15VV1A0244	RT31028	CONTROL SYSTEMS LAB	24	42	2
15VV1A0245	RT31016	IPR & PATENTS	9	33	3
15VV1A0245	RT31021	ELECTRICAL MEASUREMENTS	9	13	0
15VV1A0245	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	15	28	3
15VV1A0245	RT31023	POWER SYSTEMS - II	8	36	3
15VV1A0245	RT31024	ELECTRICAL MACHINES - III	6	9	0
15VV1A0245	RT31025	POWER ELECTRONICS	16	25	3
15VV1A0245	RT31026	LINEAR & DIGITAL IC APPLICATIONS	11	12	0
15VV1A0245	RT31027	ELECTRICAL MACHINES - II LAB	11	29	2
15VV1A0245	RT31028	CONTROL SYSTEMS LAB	14	19	2
15VV1A0246	RT31016	IPR & PATENTS	24	39	3
15VV1A0246	RT31021	ELECTRICAL MEASUREMENTS	27	60	3
15VV1A0246	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	22	39	3
15VV1A0246	RT31023	POWER SYSTEMS - II	11	46	3
15VV1A0246	RT31024	ELECTRICAL MACHINES - III	24	56	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0246	RT31025	POWER ELECTRONICS	22	37	3
15VV1A0246	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	42	3
15VV1A0246	RT31027	ELECTRICAL MACHINES - II LAB	21	46	2
15VV1A0246	RT31028	CONTROL SYSTEMS LAB	21	39	2
15VV1A0247	RT31016	IPR & PATENTS	21	42	3
15VV1A0247	RT31021	ELECTRICAL MEASUREMENTS	25	28	3
15VV1A0247	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	27	40	3
15VV1A0247	RT31023	POWER SYSTEMS - II	18	43	3
15VV1A0247	RT31024	ELECTRICAL MACHINES - III	23	35	3
15VV1A0247	RT31025	POWER ELECTRONICS	25	42	3
15VV1A0247	RT31026	LINEAR & DIGITAL IC APPLICATIONS	20	34	3
15VV1A0247	RT31027	ELECTRICAL MACHINES - II LAB	22	43	2
15VV1A0247	RT31028	CONTROL SYSTEMS LAB	21	41	2
15VV1A0248	RT31016	IPR & PATENTS	20	43	3
15VV1A0248	RT31021	ELECTRICAL MEASUREMENTS	15	30	3
15VV1A0248	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	23	45	3
15VV1A0248	RT31023	POWER SYSTEMS - II	7	20	0
15VV1A0248	RT31024	ELECTRICAL MACHINES - III	15	19	0
15VV1A0248	RT31025	POWER ELECTRONICS	16	17	0
15VV1A0248	RT31026	LINEAR & DIGITAL IC APPLICATIONS	13	27	3
15VV1A0248	RT31027	ELECTRICAL MACHINES - II LAB	20	38	2
15VV1A0248	RT31028	CONTROL SYSTEMS LAB	22	26	2
15VV1A0249	RT31016	IPR & PATENTS	24	43	3
15VV1A0249	RT31021	ELECTRICAL MEASUREMENTS	18	54	3
15VV1A0249	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	24	40	3
15VV1A0249	RT31023	POWER SYSTEMS - II	16	46	3
15VV1A0249	RT31024	ELECTRICAL MACHINES - III	17	48	3
15VV1A0249	RT31025	POWER ELECTRONICS	21	36	3
15VV1A0249	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	46	3
15VV1A0249	RT31027	ELECTRICAL MACHINES - II LAB	17	37	2
15VV1A0249	RT31028	CONTROL SYSTEMS LAB	15	25	2
15VV1A0250	RT31016	IPR & PATENTS	16	43	3
15VV1A0250	RT31021	ELECTRICAL MEASUREMENTS	17	24	3
15VV1A0250	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	17	37	3
15VV1A0250	RT31023	POWER SYSTEMS - II	5	35	3
15VV1A0250	RT31024	ELECTRICAL MACHINES - III	18	57	3
15VV1A0250	RT31025	POWER ELECTRONICS	16	25	3
15VV1A0250	RT31026	LINEAR & DIGITAL IC APPLICATIONS	12	30	3
15VV1A0250	RT31027	ELECTRICAL MACHINES - II LAB	16	29	2
15VV1A0250	RT31028	CONTROL SYSTEMS LAB	20	23	2
15VV1A0301	RT31016	IPR & PATENTS	23	45	3
15VV1A0301	RT31031	DYNAMICS OF MACHINERY	20	34	3
15VV1A0301	RT31032	METAL CUTTING & MACHINE TOOLS	23	37	3
15VV1A0301	RT31033	DESIGN OF MACHINE MEMBERS - I	21	41	3
15VV1A0301	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	43	3
15VV1A0301	RT31035	THERMAL ENGINEERING - II	19	44	3
15VV1A0301	RT31036	METROLOGY	25	35	3
15VV1A0301	RT31037	METROLOGY & INSTRUMENTATION LAB	21	39	2
15VV1A0301	RT31038	MACHINE TOOLS LAB	22	46	2
15VV1A0302	RT31016	IPR & PATENTS	23	44	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0302	RT31031	DYNAMICS OF MACHINERY	15	40	3
15VV1A0302	RT31032	METAL CUTTING & MACHINE TOOLS	16	37	3
15VV1A0302	RT31033	DESIGN OF MACHINE MEMBERS - I	16	30	3
15VV1A0302	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	40	3
15VV1A0302	RT31035	THERMAL ENGINEERING - II	16	28	3
15VV1A0302	RT31036	METROLOGY	19	28	3
15VV1A0302	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
15VV1A0302	RT31038	MACHINE TOOLS LAB	22	44	2
15VV1A0303	RT31016	IPR & PATENTS	25	47	3
15VV1A0303	RT31031	DYNAMICS OF MACHINERY	28	57	3
15VV1A0303	RT31032	METAL CUTTING & MACHINE TOOLS	27	56	3
15VV1A0303	RT31033	DESIGN OF MACHINE MEMBERS - I	25	54	3
15VV1A0303	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	51	3
15VV1A0303	RT31035	THERMAL ENGINEERING - II	27	49	3
15VV1A0303	RT31036	METROLOGY	28	55	3
15VV1A0303	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
15VV1A0303	RT31038	MACHINE TOOLS LAB	23	43	2
15VV1A0304	RT31016	IPR & PATENTS	21	47	3
15VV1A0304	RT31031	DYNAMICS OF MACHINERY	21	43	3
15VV1A0304	RT31032	METAL CUTTING & MACHINE TOOLS	27	42	3
15VV1A0304	RT31033	DESIGN OF MACHINE MEMBERS - I	20	47	3
15VV1A0304	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	43	3
15VV1A0304	RT31035	THERMAL ENGINEERING - II	25	42	3
15VV1A0304	RT31036	METROLOGY	28	51	3
15VV1A0304	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
15VV1A0304	RT31038	MACHINE TOOLS LAB	23	45	2
15VV1A0305	RT31016	IPR & PATENTS	23	43	3
15VV1A0305	RT31031	DYNAMICS OF MACHINERY	24	47	3
15VV1A0305	RT31032	METAL CUTTING & MACHINE TOOLS	27	36	3
15VV1A0305	RT31033	DESIGN OF MACHINE MEMBERS - I	25	43	3
15VV1A0305	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	44	3
15VV1A0305	RT31035	THERMAL ENGINEERING - II	24	36	3
15VV1A0305	RT31036	METROLOGY	25	48	3
15VV1A0305	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
15VV1A0305	RT31038	MACHINE TOOLS LAB	20	45	2
15VV1A0307	RT31016	IPR & PATENTS	24	47	3
15VV1A0307	RT31031	DYNAMICS OF MACHINERY	21	44	3
15VV1A0307	RT31032	METAL CUTTING & MACHINE TOOLS	25	51	3
15VV1A0307	RT31033	DESIGN OF MACHINE MEMBERS - I	26	51	3
15VV1A0307	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	49	3
15VV1A0307	RT31035	THERMAL ENGINEERING - II	22	38	3
15VV1A0307	RT31036	METROLOGY	27	46	3
15VV1A0307	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
15VV1A0307	RT31038	MACHINE TOOLS LAB	20	45	2
15VV1A0308	RT31016	IPR & PATENTS	23	45	3
15VV1A0308	RT31031	DYNAMICS OF MACHINERY	19	50	3
15VV1A0308	RT31032	METAL CUTTING & MACHINE TOOLS	22	41	3
15VV1A0308	RT31033	DESIGN OF MACHINE MEMBERS - I	22	40	3
15VV1A0308	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	48	3
15VV1A0308	RT31035	THERMAL ENGINEERING - II	21	40	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0308	RT31036	METROLOGY	25	45	3
15VV1A0308	RT31037	METROLOGY & INSTRUMENTATION LAB	22	40	2
15VV1A0308	RT31038	MACHINE TOOLS LAB	20	44	2
15VV1A0309	RT31016	IPR & PATENTS	26	46	3
15VV1A0309	RT31031	DYNAMICS OF MACHINERY	24	48	3
15VV1A0309	RT31032	METAL CUTTING & MACHINE TOOLS	24	45	3
15VV1A0309	RT31033	DESIGN OF MACHINE MEMBERS - I	22	41	3
15VV1A0309	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	49	3
15VV1A0309	RT31035	THERMAL ENGINEERING - II	21	31	3
15VV1A0309	RT31036	METROLOGY	26	50	3
15VV1A0309	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15VV1A0309	RT31038	MACHINE TOOLS LAB	22	44	2
15VV1A0310	RT31016	IPR & PATENTS	25	46	3
15VV1A0310	RT31031	DYNAMICS OF MACHINERY	27	52	3
15VV1A0310	RT31032	METAL CUTTING & MACHINE TOOLS	24	48	3
15VV1A0310	RT31033	DESIGN OF MACHINE MEMBERS - I	27	55	3
15VV1A0310	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	50	3
15VV1A0310	RT31035	THERMAL ENGINEERING - II	27	54	3
15VV1A0310	RT31036	METROLOGY	26	56	3
15VV1A0310	RT31037	METROLOGY & INSTRUMENTATION LAB	24	46	2
15VV1A0310	RT31038	MACHINE TOOLS LAB	23	47	2
15VV1A0311	RT31016	IPR & PATENTS	24	46	3
15VV1A0311	RT31031	DYNAMICS OF MACHINERY	19	51	3
15VV1A0311	RT31032	METAL CUTTING & MACHINE TOOLS	26	35	3
15VV1A0311	RT31033	DESIGN OF MACHINE MEMBERS - I	22	38	3
15VV1A0311	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	49	3
15VV1A0311	RT31035	THERMAL ENGINEERING - II	23	34	3
15VV1A0311	RT31036	METROLOGY	24	47	3
15VV1A0311	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
15VV1A0311	RT31038	MACHINE TOOLS LAB	20	47	2
15VV1A0312	RT31016	IPR & PATENTS	24	47	3
15VV1A0312	RT31031	DYNAMICS OF MACHINERY	27	51	3
15VV1A0312	RT31032	METAL CUTTING & MACHINE TOOLS	24	52	3
15VV1A0312	RT31033	DESIGN OF MACHINE MEMBERS - I	24	45	3
15VV1A0312	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	50	3
15VV1A0312	RT31035	THERMAL ENGINEERING - II	24	50	3
15VV1A0312	RT31036	METROLOGY	22	44	3
15VV1A0312	RT31037	METROLOGY & INSTRUMENTATION LAB	24	47	2
15VV1A0312	RT31038	MACHINE TOOLS LAB	22	47	2
15VV1A0313	RT31016	IPR & PATENTS	24	47	3
15VV1A0313	RT31031	DYNAMICS OF MACHINERY	23	38	3
15VV1A0313	RT31032	METAL CUTTING & MACHINE TOOLS	26	47	3
15VV1A0313	RT31033	DESIGN OF MACHINE MEMBERS - I	26	42	3
15VV1A0313	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	25	52	3
15VV1A0313	RT31035	THERMAL ENGINEERING - II	23	37	3
15VV1A0313	RT31036	METROLOGY	25	52	3
15VV1A0313	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0313	RT31038	MACHINE TOOLS LAB	21	44	2
15VV1A0314	RT31016	IPR & PATENTS	23	46	3
15VV1A0314	RT31031	DYNAMICS OF MACHINERY	20	51	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0314	RT31032	METAL CUTTING & MACHINE TOOLS	23	49	3
15VV1A0314	RT31033	DESIGN OF MACHINE MEMBERS - I	26	48	3
15VV1A0314	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	51	3
15VV1A0314	RT31035	THERMAL ENGINEERING - II	26	51	3
15VV1A0314	RT31036	METROLOGY	21	60	3
15VV1A0314	RT31037	METROLOGY & INSTRUMENTATION LAB	22	43	2
15VV1A0314	RT31038	MACHINE TOOLS LAB	20	45	2
15VV1A0315	RT31016	IPR & PATENTS	17	39	3
15VV1A0315	RT31031	DYNAMICS OF MACHINERY	12	1	0
15VV1A0315	RT31032	METAL CUTTING & MACHINE TOOLS	15	11	0
15VV1A0315	RT31033	DESIGN OF MACHINE MEMBERS - I	17	24	3
15VV1A0315	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	9	13	0
15VV1A0315	RT31035	THERMAL ENGINEERING - II	23	8	0
15VV1A0315	RT31036	METROLOGY	15	25	3
15VV1A0315	RT31037	METROLOGY & INSTRUMENTATION LAB	18	20	2
15VV1A0315	RT31038	MACHINE TOOLS LAB	20	43	2
15VV1A0316	RT31016	IPR & PATENTS	24	45	3
15VV1A0316	RT31031	DYNAMICS OF MACHINERY	22	50	3
15VV1A0316	RT31032	METAL CUTTING & MACHINE TOOLS	25	50	3
15VV1A0316	RT31033	DESIGN OF MACHINE MEMBERS - I	24	46	3
15VV1A0316	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	50	3
15VV1A0316	RT31035	THERMAL ENGINEERING - II	24	42	3
15VV1A0316	RT31036	METROLOGY	24	51	3
15VV1A0316	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
15VV1A0316	RT31038	MACHINE TOOLS LAB	21	45	2
15VV1A0317	RT31016	IPR & PATENTS	24	47	3
15VV1A0317	RT31031	DYNAMICS OF MACHINERY	28	46	3
15VV1A0317	RT31032	METAL CUTTING & MACHINE TOOLS	27	45	3
15VV1A0317	RT31033	DESIGN OF MACHINE MEMBERS - I	26	56	3
15VV1A0317	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	52	3
15VV1A0317	RT31035	THERMAL ENGINEERING - II	24	45	3
15VV1A0317	RT31036	METROLOGY	27	51	3
15VV1A0317	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
15VV1A0317	RT31038	MACHINE TOOLS LAB	23	47	2
15VV1A0319	RT31016	IPR & PATENTS	23	46	3
15VV1A0319	RT31031	DYNAMICS OF MACHINERY	23	50	3
15VV1A0319	RT31032	METAL CUTTING & MACHINE TOOLS	25	48	3
15VV1A0319	RT31033	DESIGN OF MACHINE MEMBERS - I	24	39	3
15VV1A0319	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	50	3
15VV1A0319	RT31035	THERMAL ENGINEERING - II	23	49	3
15VV1A0319	RT31036	METROLOGY	15	50	3
15VV1A0319	RT31037	METROLOGY & INSTRUMENTATION LAB	20	36	2
15VV1A0319	RT31038	MACHINE TOOLS LAB	20	44	2
15VV1A0320	RT31016	IPR & PATENTS	22	46	3
15VV1A0320	RT31031	DYNAMICS OF MACHINERY	18	45	3
15VV1A0320	RT31032	METAL CUTTING & MACHINE TOOLS	20	43	3
15VV1A0320	RT31033	DESIGN OF MACHINE MEMBERS - I	17	41	3
15VV1A0320	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	47	3
15VV1A0320	RT31035	THERMAL ENGINEERING - II	22	43	3
15VV1A0320	RT31036	METROLOGY	21	41	3



Htno	Subcode	Subname	Internal	External	Credits
15VV1A0320	RT31037	METROLOGY & INSTRUMENTATION LAB	23	41	2
15VV1A0320	RT31038	MACHINE TOOLS LAB	22	45	2
15VV1A0322	RT31016	IPR & PATENTS	22	42	3
15VV1A0322	RT31031	DYNAMICS OF MACHINERY	20	51	3
15VV1A0322	RT31032	METAL CUTTING & MACHINE TOOLS	24	40	3
15VV1A0322	RT31033	DESIGN OF MACHINE MEMBERS - I	17	40	3
15VV1A0322	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	40	3
15VV1A0322	RT31035	THERMAL ENGINEERING - II	25	45	3
15VV1A0322	RT31036	METROLOGY	21	48	3
15VV1A0322	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
15VV1A0322	RT31038	MACHINE TOOLS LAB	20	45	2
15VV1A0323	RT31016	IPR & PATENTS	23	40	3
15VV1A0323	RT31031	DYNAMICS OF MACHINERY	24	45	3
15VV1A0323	RT31032	METAL CUTTING & MACHINE TOOLS	22	41	3
15VV1A0323	RT31033	DESIGN OF MACHINE MEMBERS - I	22	43	3
15VV1A0323	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	47	3
15VV1A0323	RT31035	THERMAL ENGINEERING - II	26	38	3
15VV1A0323	RT31036	METROLOGY	25	42	3
15VV1A0323	RT31037	METROLOGY & INSTRUMENTATION LAB	20	40	2
15VV1A0323	RT31038	MACHINE TOOLS LAB	21	42	2
15VV1A0324	RT31016	IPR & PATENTS	24	41	3
15VV1A0324	RT31031	DYNAMICS OF MACHINERY	29	40	3
15VV1A0324	RT31032	METAL CUTTING & MACHINE TOOLS	25	37	3
15VV1A0324	RT31033	DESIGN OF MACHINE MEMBERS - I	19	40	3
15VV1A0324	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	51	3
15VV1A0324	RT31035	THERMAL ENGINEERING - II	22	34	3
15VV1A0324	RT31036	METROLOGY	21	47	3
15VV1A0324	RT31037	METROLOGY & INSTRUMENTATION LAB	20	42	2
15VV1A0324	RT31038	MACHINE TOOLS LAB	20	45	2
15VV1A0325	RT31016	IPR & PATENTS	24	40	3
15VV1A0325	RT31031	DYNAMICS OF MACHINERY	26	42	3
15VV1A0325	RT31032	METAL CUTTING & MACHINE TOOLS	26	46	3
15VV1A0325	RT31033	DESIGN OF MACHINE MEMBERS - I	25	43	3
15VV1A0325	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	52	3
15VV1A0325	RT31035	THERMAL ENGINEERING - II	24	41	3
15VV1A0325	RT31036	METROLOGY	24	49	3
15VV1A0325	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0325	RT31038	MACHINE TOOLS LAB	21	45	2
15VV1A0326	RT31016	IPR & PATENTS	25	46	3
15VV1A0326	RT31031	DYNAMICS OF MACHINERY	24	43	3
15VV1A0326	RT31032	METAL CUTTING & MACHINE TOOLS	28	48	3
15VV1A0326	RT31033	DESIGN OF MACHINE MEMBERS - I	22	43	3
15VV1A0326	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	52	3
15VV1A0326	RT31035	THERMAL ENGINEERING - II	19	28	3
15VV1A0326	RT31036	METROLOGY	24	41	3
15VV1A0326	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
15VV1A0326	RT31038	MACHINE TOOLS LAB	20	47	2
15VV1A0327	RT31016	IPR & PATENTS	22	46	3
15VV1A0327	RT31031	DYNAMICS OF MACHINERY	24	47	3
15VV1A0327	RT31032	METAL CUTTING & MACHINE TOOLS	21	45	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0327	RT31033	DESIGN OF MACHINE MEMBERS - I	24	41	3
15VV1A0327	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	47	3
15VV1A0327	RT31035	THERMAL ENGINEERING - II	23	42	3
15VV1A0327	RT31036	METROLOGY	24	46	3
15VV1A0327	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0327	RT31038	MACHINE TOOLS LAB	22	46	2
15VV1A0329	RT31016	IPR & PATENTS	22	47	3
15VV1A0329	RT31031	DYNAMICS OF MACHINERY	25	46	3
15VV1A0329	RT31032	METAL CUTTING & MACHINE TOOLS	23	42	3
15VV1A0329	RT31033	DESIGN OF MACHINE MEMBERS - I	24	44	3
15VV1A0329	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	56	3
15VV1A0329	RT31035	THERMAL ENGINEERING - II	25	41	3
15VV1A0329	RT31036	METROLOGY	26	45	3
15VV1A0329	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0329	RT31038	MACHINE TOOLS LAB	23	46	2
15VV1A0330	RT31016	IPR & PATENTS	24	46	3
15VV1A0330	RT31031	DYNAMICS OF MACHINERY	24	49	3
15VV1A0330	RT31032	METAL CUTTING & MACHINE TOOLS	26	37	3
15VV1A0330	RT31033	DESIGN OF MACHINE MEMBERS - I	26	45	3
15VV1A0330	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	53	3
15VV1A0330	RT31035	THERMAL ENGINEERING - II	28	46	3
15VV1A0330	RT31036	METROLOGY	22	50	3
15VV1A0330	RT31037	METROLOGY & INSTRUMENTATION LAB	21	40	2
15VV1A0330	RT31038	MACHINE TOOLS LAB	22	45	2
15VV1A0331	RT31016	IPR & PATENTS	25	47	3
15VV1A0331	RT31031	DYNAMICS OF MACHINERY	24	47	3
15VV1A0331	RT31032	METAL CUTTING & MACHINE TOOLS	26	44	3
15VV1A0331	RT31033	DESIGN OF MACHINE MEMBERS - I	26	30	3
15VV1A0331	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	21	49	3
15VV1A0331	RT31035	THERMAL ENGINEERING - II	22	35	3
15VV1A0331	RT31036	METROLOGY	25	39	3
15VV1A0331	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2
15VV1A0331	RT31038	MACHINE TOOLS LAB	21	46	2
15VV1A0332	RT31016	IPR & PATENTS	22	44	3
15VV1A0332	RT31031	DYNAMICS OF MACHINERY	22	47	3
15VV1A0332	RT31032	METAL CUTTING & MACHINE TOOLS	22	48	3
15VV1A0332	RT31033	DESIGN OF MACHINE MEMBERS - I	27	47	3
15VV1A0332	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	49	3
15VV1A0332	RT31035	THERMAL ENGINEERING - II	24	49	3
15VV1A0332	RT31036	METROLOGY	23	56	3
15VV1A0332	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0332	RT31038	MACHINE TOOLS LAB	22	46	2
15VV1A0333	RT31016	IPR & PATENTS	23	46	3
15VV1A0333	RT31031	DYNAMICS OF MACHINERY	24	48	3
15VV1A0333	RT31032	METAL CUTTING & MACHINE TOOLS	23	42	3
15VV1A0333	RT31033	DESIGN OF MACHINE MEMBERS - I	25	49	3
15VV1A0333	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	52	3
15VV1A0333	RT31035	THERMAL ENGINEERING - II	25	41	3
15VV1A0333	RT31036	METROLOGY	24	45	3
15VV1A0333	RT31037	METROLOGY & INSTRUMENTATION LAB	23	43	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0333	RT31038	MACHINE TOOLS LAB	23	47	2
15VV1A0334	RT31016	IPR & PATENTS	23	46	3
15VV1A0334	RT31031	DYNAMICS OF MACHINERY	25	40	3
15VV1A0334	RT31032	METAL CUTTING & MACHINE TOOLS	25	45	3
15VV1A0334	RT31033	DESIGN OF MACHINE MEMBERS - I	23	39	3
15VV1A0334	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	45	3
15VV1A0334	RT31035	THERMAL ENGINEERING - II	21	50	3
15VV1A0334	RT31036	METROLOGY	25	47	3
15VV1A0334	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
15VV1A0334	RT31038	MACHINE TOOLS LAB	22	45	2
15VV1A0335	RT31016	IPR & PATENTS	23	47	3
15VV1A0335	RT31031	DYNAMICS OF MACHINERY	26	46	3
15VV1A0335	RT31032	METAL CUTTING & MACHINE TOOLS	25	48	3
15VV1A0335	RT31033	DESIGN OF MACHINE MEMBERS - I	21	44	3
15VV1A0335	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	49	3
15VV1A0335	RT31035	THERMAL ENGINEERING - II	22	32	3
15VV1A0335	RT31036	METROLOGY	23	39	3
15VV1A0335	RT31037	METROLOGY & INSTRUMENTATION LAB	20	45	2
15VV1A0335	RT31038	MACHINE TOOLS LAB	21	45	2
15VV1A0336	RT31016	IPR & PATENTS	20	44	3
15VV1A0336	RT31031	DYNAMICS OF MACHINERY	14	34	3
15VV1A0336	RT31032	METAL CUTTING & MACHINE TOOLS	23	34	3
15VV1A0336	RT31033	DESIGN OF MACHINE MEMBERS - I	17	30	3
15VV1A0336	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	16	38	3
15VV1A0336	RT31035	THERMAL ENGINEERING - II	21	30	3
15VV1A0336	RT31036	METROLOGY	19	35	3
15VV1A0336	RT31037	METROLOGY & INSTRUMENTATION LAB	19	40	2
15VV1A0336	RT31038	MACHINE TOOLS LAB	20	44	2
15VV1A0337	RT31016	IPR & PATENTS	24	48	3
15VV1A0337	RT31031	DYNAMICS OF MACHINERY	26	57	3
15VV1A0337	RT31032	METAL CUTTING & MACHINE TOOLS	25	49	3
15VV1A0337	RT31033	DESIGN OF MACHINE MEMBERS - I	25	42	3
15VV1A0337	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	51	3
15VV1A0337	RT31035	THERMAL ENGINEERING - II	24	43	3
15VV1A0337	RT31036	METROLOGY	24	52	3
15VV1A0337	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0337	RT31038	MACHINE TOOLS LAB	22	48	2
15VV1A0338	RT31016	IPR & PATENTS	22	47	3
15VV1A0338	RT31031	DYNAMICS OF MACHINERY	21	52	3
15VV1A0338	RT31032	METAL CUTTING & MACHINE TOOLS	25	47	3
15VV1A0338	RT31033	DESIGN OF MACHINE MEMBERS - I	25	50	3
15VV1A0338	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	47	3
15VV1A0338	RT31035	THERMAL ENGINEERING - II	26	53	3
15VV1A0338	RT31036	METROLOGY	23	48	3
15VV1A0338	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
15VV1A0338	RT31038	MACHINE TOOLS LAB	21	46	2
15VV1A0339	RT31016	IPR & PATENTS	22	44	3
15VV1A0339	RT31031	DYNAMICS OF MACHINERY	17	37	3
15VV1A0339	RT31032	METAL CUTTING & MACHINE TOOLS	26	41	3
15VV1A0339	RT31033	DESIGN OF MACHINE MEMBERS - I	20	36	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0339	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	40	3
15VV1A0339	RT31035	THERMAL ENGINEERING - II	21	34	3
15VV1A0339	RT31036	METROLOGY	15	31	3
15VV1A0339	RT31037	METROLOGY & INSTRUMENTATION LAB	20	30	2
15VV1A0339	RT31038	MACHINE TOOLS LAB	20	42	2
15VV1A0340	RT31016	IPR & PATENTS	22	42	3
15VV1A0340	RT31031	DYNAMICS OF MACHINERY	20	36	3
15VV1A0340	RT31032	METAL CUTTING & MACHINE TOOLS	23	36	3
15VV1A0340	RT31033	DESIGN OF MACHINE MEMBERS - I	20	46	3
15VV1A0340	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	30	3
15VV1A0340	RT31035	THERMAL ENGINEERING - II	21	37	3
15VV1A0340	RT31036	METROLOGY	15	38	3
15VV1A0340	RT31037	METROLOGY & INSTRUMENTATION LAB	20	34	2
15VV1A0340	RT31038	MACHINE TOOLS LAB	19	42	2
15VV1A0341	RT31016	IPR & PATENTS	24	46	3
15VV1A0341	RT31031	DYNAMICS OF MACHINERY	23	55	3
15VV1A0341	RT31032	METAL CUTTING & MACHINE TOOLS	26	45	3
15VV1A0341	RT31033	DESIGN OF MACHINE MEMBERS - I	25	46	3
15VV1A0341	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	51	3
15VV1A0341	RT31035	THERMAL ENGINEERING - II	24	39	3
15VV1A0341	RT31036	METROLOGY	24	53	3
15VV1A0341	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
15VV1A0341	RT31038	MACHINE TOOLS LAB	21	45	2
15VV1A0342	RT31016	IPR & PATENTS	16	39	3
15VV1A0342	RT31031	DYNAMICS OF MACHINERY	5	20	0
15VV1A0342	RT31032	METAL CUTTING & MACHINE TOOLS	12	37	3
15VV1A0342	RT31033	DESIGN OF MACHINE MEMBERS - I	17	39	3
15VV1A0342	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	10	36	3
15VV1A0342	RT31035	THERMAL ENGINEERING - II	13	30	3
15VV1A0342	RT31036	METROLOGY	17	36	3
15VV1A0342	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
15VV1A0342	RT31038	MACHINE TOOLS LAB	20	43	2
15VV1A0343	RT31016	IPR & PATENTS	24	40	3
15VV1A0343	RT31031	DYNAMICS OF MACHINERY	18	34	3
15VV1A0343	RT31032	METAL CUTTING & MACHINE TOOLS	21	30	3
15VV1A0343	RT31033	DESIGN OF MACHINE MEMBERS - I	16	31	3
15VV1A0343	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	12	41	3
15VV1A0343	RT31035	THERMAL ENGINEERING - II	19	24	3
15VV1A0343	RT31036	METROLOGY	23	36	3
15VV1A0343	RT31037	METROLOGY & INSTRUMENTATION LAB	20	39	2
15VV1A0343	RT31038	MACHINE TOOLS LAB	22	43	2
15VV1A0344	RT31016	IPR & PATENTS	23	44	3
15VV1A0344	RT31031	DYNAMICS OF MACHINERY	25	49	3
15VV1A0344	RT31032	METAL CUTTING & MACHINE TOOLS	24	46	3
15VV1A0344	RT31033	DESIGN OF MACHINE MEMBERS - I	23	55	3
15VV1A0344	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	42	3
15VV1A0344	RT31035	THERMAL ENGINEERING - II	23	44	3
15VV1A0344	RT31036	METROLOGY	25	51	3
15VV1A0344	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0344	RT31038	MACHINE TOOLS LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0345	RT31016	IPR & PATENTS	19	45	3
15VV1A0345	RT31031	DYNAMICS OF MACHINERY	14	34	3
15VV1A0345	RT31032	METAL CUTTING & MACHINE TOOLS	19	35	3
15VV1A0345	RT31033	DESIGN OF MACHINE MEMBERS - I	19	36	3
15VV1A0345	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	42	3
15VV1A0345	RT31035	THERMAL ENGINEERING - II	16	42	3
15VV1A0345	RT31036	METROLOGY	21	37	3
15VV1A0345	RT31037	METROLOGY & INSTRUMENTATION LAB	21	42	2
15VV1A0345	RT31038	MACHINE TOOLS LAB	20	45	2
15VV1A0346	RT31016	IPR & PATENTS	24	44	3
15VV1A0346	RT31031	DYNAMICS OF MACHINERY	23	56	3
15VV1A0346	RT31032	METAL CUTTING & MACHINE TOOLS	23	41	3
15VV1A0346	RT31033	DESIGN OF MACHINE MEMBERS - I	25	54	3
15VV1A0346	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	43	3
15VV1A0346	RT31035	THERMAL ENGINEERING - II	21	38	3
15VV1A0346	RT31036	METROLOGY	25	48	3
15VV1A0346	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
15VV1A0346	RT31038	MACHINE TOOLS LAB	23	44	2
15VV1A0347	RT31016	IPR & PATENTS	21	46	3
15VV1A0347	RT31031	DYNAMICS OF MACHINERY	24	51	3
15VV1A0347	RT31032	METAL CUTTING & MACHINE TOOLS	27	45	3
15VV1A0347	RT31033	DESIGN OF MACHINE MEMBERS - I	21	50	3
15VV1A0347	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	47	3
15VV1A0347	RT31035	THERMAL ENGINEERING - II	24	55	3
15VV1A0347	RT31036	METROLOGY	23	50	3
15VV1A0347	RT31037	METROLOGY & INSTRUMENTATION LAB	22	44	2
15VV1A0347	RT31038	MACHINE TOOLS LAB	22	45	2
15VV1A0349	RT31016	IPR & PATENTS	23	44	3
15VV1A0349	RT31031	DYNAMICS OF MACHINERY	23	48	3
15VV1A0349	RT31032	METAL CUTTING & MACHINE TOOLS	26	42	3
15VV1A0349	RT31033	DESIGN OF MACHINE MEMBERS - I	23	46	3
15VV1A0349	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	44	3
15VV1A0349	RT31035	THERMAL ENGINEERING - II	26	45	3
15VV1A0349	RT31036	METROLOGY	28	53	3
15VV1A0349	RT31037	METROLOGY & INSTRUMENTATION LAB	20	41	2
15VV1A0349	RT31038	MACHINE TOOLS LAB	21	43	2
15VV1A0350	RT31016	IPR & PATENTS	24	40	3
15VV1A0350	RT31031	DYNAMICS OF MACHINERY	26	45	3
15VV1A0350	RT31032	METAL CUTTING & MACHINE TOOLS	24	48	3
15VV1A0350	RT31033	DESIGN OF MACHINE MEMBERS - I	25	44	3
15VV1A0350	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	22	45	3
15VV1A0350	RT31035	THERMAL ENGINEERING - II	27	53	3
15VV1A0350	RT31036	METROLOGY	26	42	3
15VV1A0350	RT31037	METROLOGY & INSTRUMENTATION LAB	22	45	2
15VV1A0350	RT31038	MACHINE TOOLS LAB	20	44	2
15VV1A0352	RT31016	IPR & PATENTS	25	44	3
15VV1A0352	RT31031	DYNAMICS OF MACHINERY	25	37	3
15VV1A0352	RT31032	METAL CUTTING & MACHINE TOOLS	21	45	3
15VV1A0352	RT31033	DESIGN OF MACHINE MEMBERS - I	21	48	3
15VV1A0352	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	48	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0352	RT31035	THERMAL ENGINEERING - II	20	36	3
15VV1A0352	RT31036	METROLOGY	23	41	3
15VV1A0352	RT31037	METROLOGY & INSTRUMENTATION LAB	21	40	2
15VV1A0352	RT31038	MACHINE TOOLS LAB	20	46	2
15VV1A0353	RT31016	IPR & PATENTS	20	44	3
15VV1A0353	RT31031	DYNAMICS OF MACHINERY	20	49	3
15VV1A0353	RT31032	METAL CUTTING & MACHINE TOOLS	25	46	3
15VV1A0353	RT31033	DESIGN OF MACHINE MEMBERS - I	21	41	3
15VV1A0353	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	53	3
15VV1A0353	RT31035	THERMAL ENGINEERING - II	23	49	3
15VV1A0353	RT31036	METROLOGY	22	46	3
15VV1A0353	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
15VV1A0353	RT31038	MACHINE TOOLS LAB	22	46	2
15VV1A0354	RT31016	IPR & PATENTS	21	42	3
15VV1A0354	RT31031	DYNAMICS OF MACHINERY	23	47	3
15VV1A0354	RT31032	METAL CUTTING & MACHINE TOOLS	24	45	3
15VV1A0354	RT31033	DESIGN OF MACHINE MEMBERS - I	23	39	3
15VV1A0354	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	50	3
15VV1A0354	RT31035	THERMAL ENGINEERING - II	22	43	3
15VV1A0354	RT31036	METROLOGY	23	45	3
15VV1A0354	RT31037	METROLOGY & INSTRUMENTATION LAB	21	40	2
15VV1A0354	RT31038	MACHINE TOOLS LAB	22	45	2
15VV1A0355	RT31016	IPR & PATENTS	23	41	3
15VV1A0355	RT31031	DYNAMICS OF MACHINERY	23	49	3
15VV1A0355	RT31032	METAL CUTTING & MACHINE TOOLS	23	33	3
15VV1A0355	RT31033	DESIGN OF MACHINE MEMBERS - I	21	40	3
15VV1A0355	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	45	3
15VV1A0355	RT31035	THERMAL ENGINEERING - II	23	45	3
15VV1A0355	RT31036	METROLOGY	25	51	3
15VV1A0355	RT31037	METROLOGY & INSTRUMENTATION LAB	22	42	2
15VV1A0355	RT31038	MACHINE TOOLS LAB	20	44	2
15VV1A0357	RT31016	IPR & PATENTS	24	44	3
15VV1A0357	RT31031	DYNAMICS OF MACHINERY	23	57	3
15VV1A0357	RT31032	METAL CUTTING & MACHINE TOOLS	26	43	3
15VV1A0357	RT31033	DESIGN OF MACHINE MEMBERS - I	25	44	3
15VV1A0357	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	46	3
15VV1A0357	RT31035	THERMAL ENGINEERING - II	23	35	3
15VV1A0357	RT31036	METROLOGY	25	36	3
15VV1A0357	RT31037	METROLOGY & INSTRUMENTATION LAB	21	41	2
15VV1A0357	RT31038	MACHINE TOOLS LAB	22	45	2
15VV1A0358	RT31016	IPR & PATENTS	20	44	3
15VV1A0358	RT31031	DYNAMICS OF MACHINERY	19	24	3
15VV1A0358	RT31032	METAL CUTTING & MACHINE TOOLS	25	33	3
15VV1A0358	RT31033	DESIGN OF MACHINE MEMBERS - I	22	33	3
15VV1A0358	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	15	37	3
15VV1A0358	RT31035	THERMAL ENGINEERING - II	19	10	0
15VV1A0358	RT31036	METROLOGY	21	27	3
15VV1A0358	RT31037	METROLOGY & INSTRUMENTATION LAB	19	31	2
15VV1A0358	RT31038	MACHINE TOOLS LAB	20	43	2
15VV1A0402	RT31016	IPR & PATENTS	27	44	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0402	RT31041	PULSE & DIGITAL CIRCUITS	27	49	3
15VV1A0402	RT31042	LINEAR IC APPLICATIONS	27	50	3
15VV1A0402	RT31043	CONTROL SYSTEMS	28	47	3
15VV1A0402	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	28	3
15VV1A0402	RT31045	ANTENNAS AND WAVE PROPAGATION	25	54	3
15VV1A0402	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
15VV1A0402	RT31048	LINEAR IC APPLICATIONS LAB	24	47	2
15VV1A0402	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	44	2
15VV1A0403	RT31016	IPR & PATENTS	26	46	3
15VV1A0403	RT31041	PULSE & DIGITAL CIRCUITS	25	47	3
15VV1A0403	RT31042	LINEAR IC APPLICATIONS	29	50	3
15VV1A0403	RT31043	CONTROL SYSTEMS	24	54	3
15VV1A0403	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	26	3
15VV1A0403	RT31045	ANTENNAS AND WAVE PROPAGATION	25	52	3
15VV1A0403	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15VV1A0403	RT31048	LINEAR IC APPLICATIONS LAB	24	46	2
15VV1A0403	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
15VV1A0404	RT31016	IPR & PATENTS	23	43	3
15VV1A0404	RT31041	PULSE & DIGITAL CIRCUITS	23	40	3
15VV1A0404	RT31042	LINEAR IC APPLICATIONS	25	41	3
15VV1A0404	RT31043	CONTROL SYSTEMS	25	43	3
15VV1A0404	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	25	3
15VV1A0404	RT31045	ANTENNAS AND WAVE PROPAGATION	24	37	3
15VV1A0404	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
15VV1A0404	RT31048	LINEAR IC APPLICATIONS LAB	23	33	2
15VV1A0404	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	20	42	2
15VV1A0405	RT31016	IPR & PATENTS	20	40	3
15VV1A0405	RT31041	PULSE & DIGITAL CIRCUITS	21	17	0
15VV1A0405	RT31042	LINEAR IC APPLICATIONS	18	28	3
15VV1A0405	RT31043	CONTROL SYSTEMS	17	28	3
15VV1A0405	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	18	12	0
15VV1A0405	RT31045	ANTENNAS AND WAVE PROPAGATION	19	28	3
15VV1A0405	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	38	2
15VV1A0405	RT31048	LINEAR IC APPLICATIONS LAB	22	40	2
15VV1A0405	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	36	2
15VV1A0406	RT31016	IPR & PATENTS	24	43	3
15VV1A0406	RT31041	PULSE & DIGITAL CIRCUITS	24	34	3
15VV1A0406	RT31042	LINEAR IC APPLICATIONS	20	45	3
15VV1A0406	RT31043	CONTROL SYSTEMS	23	49	3
15VV1A0406	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	9	0
15VV1A0406	RT31045	ANTENNAS AND WAVE PROPAGATION	19	39	3
15VV1A0406	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	45	2
15VV1A0406	RT31048	LINEAR IC APPLICATIONS LAB	21	42	2
15VV1A0406	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	36	2
15VV1A0407	RT31016	IPR & PATENTS	20	42	3
15VV1A0407	RT31041	PULSE & DIGITAL CIRCUITS	24	50	3
15VV1A0407	RT31042	LINEAR IC APPLICATIONS	26	55	3
15VV1A0407	RT31043	CONTROL SYSTEMS	26	49	3
15VV1A0407	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	40	3
15VV1A0407	RT31045	ANTENNAS AND WAVE PROPAGATION	24	44	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0407	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
15VV1A0407	RT31048	LINEAR IC APPLICATIONS LAB	24	47	2
15VV1A0407	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	43	2
15VV1A0408	RT31016	IPR & PATENTS	24	46	3
15VV1A0408	RT31041	PULSE & DIGITAL CIRCUITS	26	48	3
15VV1A0408	RT31042	LINEAR IC APPLICATIONS	25	50	3
15VV1A0408	RT31043	CONTROL SYSTEMS	25	50	3
15VV1A0408	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	32	3
15VV1A0408	RT31045	ANTENNAS AND WAVE PROPAGATION	24	47	3
15VV1A0408	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
15VV1A0408	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
15VV1A0408	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	39	2
15VV1A0409	RT31016	IPR & PATENTS	24	51	3
15VV1A0409	RT31041	PULSE & DIGITAL CIRCUITS	28	51	3
15VV1A0409	RT31042	LINEAR IC APPLICATIONS	28	66	3
15VV1A0409	RT31043	CONTROL SYSTEMS	27	56	3
15VV1A0409	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	28	46	3
15VV1A0409	RT31045	ANTENNAS AND WAVE PROPAGATION	26	60	3
15VV1A0409	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15VV1A0409	RT31048	LINEAR IC APPLICATIONS LAB	24	48	2
15VV1A0409	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
15VV1A0410	RT31016	IPR & PATENTS	25	44	3
15VV1A0410	RT31041	PULSE & DIGITAL CIRCUITS	27	35	3
15VV1A0410	RT31042	LINEAR IC APPLICATIONS	26	47	3
15VV1A0410	RT31043	CONTROL SYSTEMS	27	52	3
15VV1A0410	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	26	38	3
15VV1A0410	RT31045	ANTENNAS AND WAVE PROPAGATION	24	54	3
15VV1A0410	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15VV1A0410	RT31048	LINEAR IC APPLICATIONS LAB	24	48	2
15VV1A0410	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	46	2
15VV1A0411	RT31016	IPR & PATENTS	25	46	3
15VV1A0411	RT31041	PULSE & DIGITAL CIRCUITS	23	43	3
15VV1A0411	RT31042	LINEAR IC APPLICATIONS	26	41	3
15VV1A0411	RT31043	CONTROL SYSTEMS	26	52	3
15VV1A0411	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	31	3
15VV1A0411	RT31045	ANTENNAS AND WAVE PROPAGATION	21	43	3
15VV1A0411	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
15VV1A0411	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
15VV1A0411	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	39	2
15VV1A0412	RT31016	IPR & PATENTS	26	47	3
15VV1A0412	RT31041	PULSE & DIGITAL CIRCUITS	23	42	3
15VV1A0412	RT31042	LINEAR IC APPLICATIONS	27	47	3
15VV1A0412	RT31043	CONTROL SYSTEMS	24	45	3
15VV1A0412	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	38	3
15VV1A0412	RT31045	ANTENNAS AND WAVE PROPAGATION	25	59	3
15VV1A0412	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
15VV1A0412	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
15VV1A0412	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	43	2
15VV1A0413	RT31016	IPR & PATENTS	22	42	3
15VV1A0413	RT31041	PULSE & DIGITAL CIRCUITS	26	44	3



Htno	Subcode	Subname	Internal	External	Credits
15VV1A0413	RT31042	LINEAR IC APPLICATIONS	25	51	3
15VV1A0413	RT31043	CONTROL SYSTEMS	24	50	3
15VV1A0413	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	28	3
15VV1A0413	RT31045	ANTENNAS AND WAVE PROPAGATION	23	42	3
15VV1A0413	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
15VV1A0413	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
15VV1A0413	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	41	2
15VV1A0414	RT31016	IPR & PATENTS	23	44	3
15VV1A0414	RT31041	PULSE & DIGITAL CIRCUITS	26	49	3
15VV1A0414	RT31042	LINEAR IC APPLICATIONS	27	58	3
15VV1A0414	RT31043	CONTROL SYSTEMS	28	53	3
15VV1A0414	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	44	3
15VV1A0414	RT31045	ANTENNAS AND WAVE PROPAGATION	22	47	3
15VV1A0414	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15VV1A0414	RT31048	LINEAR IC APPLICATIONS LAB	24	40	2
15VV1A0414	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
15VV1A0415	RT31016	IPR & PATENTS	25	44	3
15VV1A0415	RT31041	PULSE & DIGITAL CIRCUITS	25	45	3
15VV1A0415	RT31042	LINEAR IC APPLICATIONS	22	43	3
15VV1A0415	RT31043	CONTROL SYSTEMS	24	52	3
15VV1A0415	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	24	3
15VV1A0415	RT31045	ANTENNAS AND WAVE PROPAGATION	24	34	3
15VV1A0415	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
15VV1A0415	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
15VV1A0415	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
15VV1A0416	RT31016	IPR & PATENTS	25	47	3
15VV1A0416	RT31041	PULSE & DIGITAL CIRCUITS	25	47	3
15VV1A0416	RT31042	LINEAR IC APPLICATIONS	26	46	3
15VV1A0416	RT31043	CONTROL SYSTEMS	26	48	3
15VV1A0416	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	31	3
15VV1A0416	RT31045	ANTENNAS AND WAVE PROPAGATION	27	45	3
15VV1A0416	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
15VV1A0416	RT31048	LINEAR IC APPLICATIONS LAB	24	44	2
15VV1A0416	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	46	2
15VV1A0417	RT31016	IPR & PATENTS	22	45	3
15VV1A0417	RT31041	PULSE & DIGITAL CIRCUITS	22	48	3
15VV1A0417	RT31042	LINEAR IC APPLICATIONS	24	52	3
15VV1A0417	RT31043	CONTROL SYSTEMS	27	43	3
15VV1A0417	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	24	3
15VV1A0417	RT31045	ANTENNAS AND WAVE PROPAGATION	18	40	3
15VV1A0417	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
15VV1A0417	RT31048	LINEAR IC APPLICATIONS LAB	24	43	2
15VV1A0417	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
15VV1A0418	RT31016	IPR & PATENTS	26	43	3
15VV1A0418	RT31041	PULSE & DIGITAL CIRCUITS	26	45	3
15VV1A0418	RT31042	LINEAR IC APPLICATIONS	25	43	3
15VV1A0418	RT31043	CONTROL SYSTEMS	28	50	3
15VV1A0418	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	35	3
15VV1A0418	RT31045	ANTENNAS AND WAVE PROPAGATION	26	46	3
15VV1A0418	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0418	RT31048	LINEAR IC APPLICATIONS LAB	24	44	2
15VV1A0418	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
15VV1A0419	RT31016	IPR & PATENTS	21	39	3
15VV1A0419	RT31041	PULSE & DIGITAL CIRCUITS	20	33	3
15VV1A0419	RT31042	LINEAR IC APPLICATIONS	23	37	3
15VV1A0419	RT31043	CONTROL SYSTEMS	20	37	3
15VV1A0419	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	24	3
15VV1A0419	RT31045	ANTENNAS AND WAVE PROPAGATION	20	27	3
15VV1A0419	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	46	2
15VV1A0419	RT31048	LINEAR IC APPLICATIONS LAB	23	40	2
15VV1A0419	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	40	2
15VV1A0420	RT31016	IPR & PATENTS	24	40	3
15VV1A0420	RT31041	PULSE & DIGITAL CIRCUITS	24	52	3
15VV1A0420	RT31042	LINEAR IC APPLICATIONS	26	48	3
15VV1A0420	RT31043	CONTROL SYSTEMS	28	45	3
15VV1A0420	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	28	3
15VV1A0420	RT31045	ANTENNAS AND WAVE PROPAGATION	21	44	3
15VV1A0420	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
15VV1A0420	RT31048	LINEAR IC APPLICATIONS LAB	22	38	2
15VV1A0420	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	39	2
15VV1A0421	RT31016	IPR & PATENTS	26	44	3
15VV1A0421	RT31041	PULSE & DIGITAL CIRCUITS	26	47	3
15VV1A0421	RT31042	LINEAR IC APPLICATIONS	23	43	3
15VV1A0421	RT31043	CONTROL SYSTEMS	24	45	3
15VV1A0421	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	26	3
15VV1A0421	RT31045	ANTENNAS AND WAVE PROPAGATION	20	40	3
15VV1A0421	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	45	2
15VV1A0421	RT31048	LINEAR IC APPLICATIONS LAB	23	40	2
15VV1A0421	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
15VV1A0423	RT31016	IPR & PATENTS	25	45	3
15VV1A0423	RT31041	PULSE & DIGITAL CIRCUITS	25	43	3
15VV1A0423	RT31042	LINEAR IC APPLICATIONS	27	48	3
15VV1A0423	RT31043	CONTROL SYSTEMS	28	46	3
15VV1A0423	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	28	30	3
15VV1A0423	RT31045	ANTENNAS AND WAVE PROPAGATION	25	41	3
15VV1A0423	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15VV1A0423	RT31048	LINEAR IC APPLICATIONS LAB	24	43	2
15VV1A0423	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
15VV1A0424	RT31016	IPR & PATENTS	22	40	3
15VV1A0424	RT31041	PULSE & DIGITAL CIRCUITS	20	30	3
15VV1A0424	RT31042	LINEAR IC APPLICATIONS	25	42	3
15VV1A0424	RT31043	CONTROL SYSTEMS	21	35	3
15VV1A0424	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	25	3
15VV1A0424	RT31045	ANTENNAS AND WAVE PROPAGATION	24	34	3
15VV1A0424	RT31047	PULSE & DIGITAL CIRCUITS LAB	18	36	2
15VV1A0424	RT31048	LINEAR IC APPLICATIONS LAB	19	36	2
15VV1A0424	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	19	38	2
15VV1A0427	RT31016	IPR & PATENTS	26	42	3
15VV1A0427	RT31041	PULSE & DIGITAL CIRCUITS	24	39	3
15VV1A0427	RT31042	LINEAR IC APPLICATIONS	25	47	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0427	RT31043	CONTROL SYSTEMS	23	41	3
15VV1A0427	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	26	3
15VV1A0427	RT31045	ANTENNAS AND WAVE PROPAGATION	22	38	3
15VV1A0427	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
15VV1A0427	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
15VV1A0427	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	43	2
15VV1A0428	RT31016	IPR & PATENTS	24	44	3
15VV1A0428	RT31041	PULSE & DIGITAL CIRCUITS	24	38	3
15VV1A0428	RT31042	LINEAR IC APPLICATIONS	22	39	3
15VV1A0428	RT31043	CONTROL SYSTEMS	24	38	3
15VV1A0428	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	28	3
15VV1A0428	RT31045	ANTENNAS AND WAVE PROPAGATION	23	38	3
15VV1A0428	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	44	2
15VV1A0428	RT31048	LINEAR IC APPLICATIONS LAB	24	41	2
15VV1A0428	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
15VV1A0429	RT31016	IPR & PATENTS	20	44	3
15VV1A0429	RT31041	PULSE & DIGITAL CIRCUITS	21	32	3
15VV1A0429	RT31042	LINEAR IC APPLICATIONS	20	30	3
15VV1A0429	RT31043	CONTROL SYSTEMS	24	30	3
15VV1A0429	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	25	3
15VV1A0429	RT31045	ANTENNAS AND WAVE PROPAGATION	23	37	3
15VV1A0429	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	42	2
15VV1A0429	RT31048	LINEAR IC APPLICATIONS LAB	23	43	2
15VV1A0429	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	36	2
15VV1A0430	RT31016	IPR & PATENTS	24	44	3
15VV1A0430	RT31041	PULSE & DIGITAL CIRCUITS	23	46	3
15VV1A0430	RT31042	LINEAR IC APPLICATIONS	26	48	3
15VV1A0430	RT31043	CONTROL SYSTEMS	26	47	3
15VV1A0430	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	37	3
15VV1A0430	RT31045	ANTENNAS AND WAVE PROPAGATION	24	58	3
15VV1A0430	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	48	2
15VV1A0430	RT31048	LINEAR IC APPLICATIONS LAB	24	47	2
15VV1A0430	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
15VV1A0431	RT31016	IPR & PATENTS	21	46	3
15VV1A0431	RT31041	PULSE & DIGITAL CIRCUITS	25	41	3
15VV1A0431	RT31042	LINEAR IC APPLICATIONS	25	42	3
15VV1A0431	RT31043	CONTROL SYSTEMS	24	55	3
15VV1A0431	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	29	3
15VV1A0431	RT31045	ANTENNAS AND WAVE PROPAGATION	23	40	3
15VV1A0431	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	41	2
15VV1A0431	RT31048	LINEAR IC APPLICATIONS LAB	24	39	2
15VV1A0431	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	37	2
15VV1A0432	RT31016	IPR & PATENTS	20	42	3
15VV1A0432	RT31041	PULSE & DIGITAL CIRCUITS	24	38	3
15VV1A0432	RT31042	LINEAR IC APPLICATIONS	17	48	3
15VV1A0432	RT31043	CONTROL SYSTEMS	24	44	3
15VV1A0432	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	18	24	3
15VV1A0432	RT31045	ANTENNAS AND WAVE PROPAGATION	21	25	3
15VV1A0432	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	42	2
15VV1A0432	RT31048	LINEAR IC APPLICATIONS LAB	23	43	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0432	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2
15VV1A0433	RT31016	IPR & PATENTS	22	43	3
15VV1A0433	RT31041	PULSE & DIGITAL CIRCUITS	20	29	3
15VV1A0433	RT31042	LINEAR IC APPLICATIONS	20	50	3
15VV1A0433	RT31043	CONTROL SYSTEMS	26	49	3
15VV1A0433	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	24	3
15VV1A0433	RT31045	ANTENNAS AND WAVE PROPAGATION	21	38	3
15VV1A0433	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	41	2
15VV1A0433	RT31048	LINEAR IC APPLICATIONS LAB	21	36	2
15VV1A0433	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	43	2
15VV1A0434	RT31016	IPR & PATENTS	24	40	3
15VV1A0434	RT31041	PULSE & DIGITAL CIRCUITS	25	45	3
15VV1A0434	RT31042	LINEAR IC APPLICATIONS	25	49	3
15VV1A0434	RT31043	CONTROL SYSTEMS	22	56	3
15VV1A0434	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	27	3
15VV1A0434	RT31045	ANTENNAS AND WAVE PROPAGATION	21	37	3
15VV1A0434	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
15VV1A0434	RT31048	LINEAR IC APPLICATIONS LAB	22	46	2
15VV1A0434	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	38	2
15VV1A0435	RT31016	IPR & PATENTS	25	38	3
15VV1A0435	RT31041	PULSE & DIGITAL CIRCUITS	22	35	3
15VV1A0435	RT31042	LINEAR IC APPLICATIONS	23	44	3
15VV1A0435	RT31043	CONTROL SYSTEMS	28	51	3
15VV1A0435	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	21	24	3
15VV1A0435	RT31045	ANTENNAS AND WAVE PROPAGATION	20	42	3
15VV1A0435	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	43	2
15VV1A0435	RT31048	LINEAR IC APPLICATIONS LAB	22	38	2
15VV1A0435	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
15VV1A0436	RT31016	IPR & PATENTS	25	45	3
15VV1A0436	RT31041	PULSE & DIGITAL CIRCUITS	25	48	3
15VV1A0436	RT31042	LINEAR IC APPLICATIONS	26	39	3
15VV1A0436	RT31043	CONTROL SYSTEMS	28	54	3
15VV1A0436	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	29	3
15VV1A0436	RT31045	ANTENNAS AND WAVE PROPAGATION	27	43	3
15VV1A0436	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	49	2
15VV1A0436	RT31048	LINEAR IC APPLICATIONS LAB	22	47	2
15VV1A0436	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
15VV1A0437	RT31016	IPR & PATENTS	21	43	3
15VV1A0437	RT31041	PULSE & DIGITAL CIRCUITS	25	38	3
15VV1A0437	RT31042	LINEAR IC APPLICATIONS	26	46	3
15VV1A0437	RT31043	CONTROL SYSTEMS	24	50	3
15VV1A0437	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	13	0
15VV1A0437	RT31045	ANTENNAS AND WAVE PROPAGATION	20	37	3
15VV1A0437	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15VV1A0437	RT31048	LINEAR IC APPLICATIONS LAB	24	41	2
15VV1A0437	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	45	2
15VV1A0438	RT31016	IPR & PATENTS	24	44	3
15VV1A0438	RT31041	PULSE & DIGITAL CIRCUITS	21	27	3
15VV1A0438	RT31042	LINEAR IC APPLICATIONS	26	43	3
15VV1A0438	RT31043	CONTROL SYSTEMS	26	48	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0438	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	20	38	3
15VV1A0438	RT31045	ANTENNAS AND WAVE PROPAGATION	20	40	3
15VV1A0438	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
15VV1A0438	RT31048	LINEAR IC APPLICATIONS LAB	23	44	2
15VV1A0438	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	42	2
15VV1A0439	RT31016	IPR & PATENTS	24	38	3
15VV1A0439	RT31041	PULSE & DIGITAL CIRCUITS	23	32	3
15VV1A0439	RT31042	LINEAR IC APPLICATIONS	25	27	3
15VV1A0439	RT31043	CONTROL SYSTEMS	25	36	3
15VV1A0439	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	24	3
15VV1A0439	RT31045	ANTENNAS AND WAVE PROPAGATION	25	36	3
15VV1A0439	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	45	2
15VV1A0439	RT31048	LINEAR IC APPLICATIONS LAB	23	46	2
15VV1A0439	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	41	2
15VV1A0441	RT31016	IPR & PATENTS	23	46	3
15VV1A0441	RT31041	PULSE & DIGITAL CIRCUITS	25	42	3
15VV1A0441	RT31042	LINEAR IC APPLICATIONS	24	46	3
15VV1A0441	RT31043	CONTROL SYSTEMS	22	43	3
15VV1A0441	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	17	0
15VV1A0441	RT31045	ANTENNAS AND WAVE PROPAGATION	24	39	3
15VV1A0441	RT31047	PULSE & DIGITAL CIRCUITS LAB	20	40	2
15VV1A0441	RT31048	LINEAR IC APPLICATIONS LAB	21	40	2
15VV1A0441	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	42	2
15VV1A0442	RT31016	IPR & PATENTS	23	44	3
15VV1A0442	RT31041	PULSE & DIGITAL CIRCUITS	27	49	3
15VV1A0442	RT31042	LINEAR IC APPLICATIONS	25	49	3
15VV1A0442	RT31043	CONTROL SYSTEMS	26	42	3
15VV1A0442	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	24	36	3
15VV1A0442	RT31045	ANTENNAS AND WAVE PROPAGATION	24	44	3
15VV1A0442	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	49	2
15VV1A0442	RT31048	LINEAR IC APPLICATIONS LAB	22	43	2
15VV1A0442	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
15VV1A0443	RT31016	IPR & PATENTS	23	43	3
15VV1A0443	RT31041	PULSE & DIGITAL CIRCUITS	18	27	3
15VV1A0443	RT31042	LINEAR IC APPLICATIONS	23	27	3
15VV1A0443	RT31043	CONTROL SYSTEMS	22	47	3
15VV1A0443	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	17	0
15VV1A0443	RT31045	ANTENNAS AND WAVE PROPAGATION	22	30	3
15VV1A0443	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	43	2
15VV1A0443	RT31048	LINEAR IC APPLICATIONS LAB	21	44	2
15VV1A0443	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	44	2
15VV1A0444	RT31016	IPR & PATENTS	23	39	3
15VV1A0444	RT31041	PULSE & DIGITAL CIRCUITS	21	27	3
15VV1A0444	RT31042	LINEAR IC APPLICATIONS	20	41	3
15VV1A0444	RT31043	CONTROL SYSTEMS	22	36	3
15VV1A0444	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	15	0
15VV1A0444	RT31045	ANTENNAS AND WAVE PROPAGATION	21	32	3
15VV1A0444	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	44	2
15VV1A0444	RT31048	LINEAR IC APPLICATIONS LAB	22	41	2
15VV1A0444	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	38	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0445	RT31016	IPR & PATENTS	22	40	3
15VV1A0445	RT31041	PULSE & DIGITAL CIRCUITS	24	31	3
15VV1A0445	RT31042	LINEAR IC APPLICATIONS	25	45	3
15VV1A0445	RT31043	CONTROL SYSTEMS	26	35	3
15VV1A0445	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	28	3
15VV1A0445	RT31045	ANTENNAS AND WAVE PROPAGATION	20	35	3
15VV1A0445	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	48	2
15VV1A0445	RT31048	LINEAR IC APPLICATIONS LAB	24	43	2
15VV1A0445	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	21	45	2
15VV1A0446	RT31016	IPR & PATENTS	25	45	3
15VV1A0446	RT31041	PULSE & DIGITAL CIRCUITS	28	49	3
15VV1A0446	RT31042	LINEAR IC APPLICATIONS	27	51	3
15VV1A0446	RT31043	CONTROL SYSTEMS	26	45	3
15VV1A0446	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	26	30	3
15VV1A0446	RT31045	ANTENNAS AND WAVE PROPAGATION	26	40	3
15VV1A0446	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	46	2
15VV1A0446	RT31048	LINEAR IC APPLICATIONS LAB	24	47	2
15VV1A0446	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
15VV1A0447	RT31016	IPR & PATENTS	23	41	3
15VV1A0447	RT31041	PULSE & DIGITAL CIRCUITS	24	40	3
15VV1A0447	RT31042	LINEAR IC APPLICATIONS	20	44	3
15VV1A0447	RT31043	CONTROL SYSTEMS	27	41	3
15VV1A0447	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	38	3
15VV1A0447	RT31045	ANTENNAS AND WAVE PROPAGATION	22	30	3
15VV1A0447	RT31047	PULSE & DIGITAL CIRCUITS LAB	22	43	2
15VV1A0447	RT31048	LINEAR IC APPLICATIONS LAB	24	38	2
15VV1A0447	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	24	44	2
15VV1A0501	RT31051	COMPILER DESIGN	19	32	3
15VV1A0501	RT31052	DATA COMMUNICATION	22	47	3
15VV1A0501	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	36	3
15VV1A0501	RT31054	DATABASE MANAGEMENT SYSTEMS	25	54	3
15VV1A0501	RT31055	OPERATING SYSTEMS	19	45	3
15VV1A0501	RT31056	COMPILER DESIGN LAB	23	48	2
15VV1A0501	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	13	21	2
15VV1A0501	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	33	2
15VV1A0502	RT31051	COMPILER DESIGN	28	70	3
15VV1A0502	RT31052	DATA COMMUNICATION	29	53	3
15VV1A0502	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	38	3
15VV1A0502	RT31054	DATABASE MANAGEMENT SYSTEMS	28	62	3
15VV1A0502	RT31055	OPERATING SYSTEMS	27	60	3
15VV1A0502	RT31056	COMPILER DESIGN LAB	25	50	2
15VV1A0502	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	46	2
15VV1A0502	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
15VV1A0503	RT31051	COMPILER DESIGN	23	39	3
15VV1A0503	RT31052	DATA COMMUNICATION	21	47	3
15VV1A0503	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	32	3
15VV1A0503	RT31054	DATABASE MANAGEMENT SYSTEMS	27	30	3
15VV1A0503	RT31055	OPERATING SYSTEMS	18	57	3
15VV1A0503	RT31056	COMPILER DESIGN LAB	16	32	2
15VV1A0503	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	25	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0503	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	33	2
15VV1A0504	RT31051	COMPILER DESIGN	20	55	3
15VV1A0504	RT31052	DATA COMMUNICATION	27	50	3
15VV1A0504	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	24	3
15VV1A0504	RT31054	DATABASE MANAGEMENT SYSTEMS	27	46	3
15VV1A0504	RT31055	OPERATING SYSTEMS	21	49	3
15VV1A0504	RT31056	COMPILER DESIGN LAB	24	39	2
15VV1A0504	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	41	2
15VV1A0504	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	45	2
15VV1A0505	RT31051	COMPILER DESIGN	26	37	3
15VV1A0505	RT31052	DATA COMMUNICATION	26	37	3
15VV1A0505	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	33	3
15VV1A0505	RT31054	DATABASE MANAGEMENT SYSTEMS	28	46	3
15VV1A0505	RT31055	OPERATING SYSTEMS	23	50	3
15VV1A0505	RT31056	COMPILER DESIGN LAB	18	46	2
15VV1A0505	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	26	2
15VV1A0505	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	35	2
15VV1A0506	RT31051	COMPILER DESIGN	23	61	3
15VV1A0506	RT31052	DATA COMMUNICATION	27	43	3
15VV1A0506	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	29	3
15VV1A0506	RT31054	DATABASE MANAGEMENT SYSTEMS	27	50	3
15VV1A0506	RT31055	OPERATING SYSTEMS	25	50	3
15VV1A0506	RT31056	COMPILER DESIGN LAB	17	43	2
15VV1A0506	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2
15VV1A0506	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	45	2
15VV1A0507	RT31051	COMPILER DESIGN	22	13	0
15VV1A0507	RT31052	DATA COMMUNICATION	23	35	3
15VV1A0507	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	46	3
15VV1A0507	RT31054	DATABASE MANAGEMENT SYSTEMS	27	33	3
15VV1A0507	RT31055	OPERATING SYSTEMS	21	37	3
15VV1A0507	RT31056	COMPILER DESIGN LAB	16	28	2
15VV1A0507	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	13	21	2
15VV1A0507	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	33	2
15VV1A0508	RT31051	COMPILER DESIGN	24	51	3
15VV1A0508	RT31052	DATA COMMUNICATION	24	41	3
15VV1A0508	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	33	3
15VV1A0508	RT31054	DATABASE MANAGEMENT SYSTEMS	26	46	3
15VV1A0508	RT31055	OPERATING SYSTEMS	23	47	3
15VV1A0508	RT31056	COMPILER DESIGN LAB	23	44	2
15VV1A0508	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2
15VV1A0508	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
15VV1A0509	RT31051	COMPILER DESIGN	21	34	3
15VV1A0509	RT31052	DATA COMMUNICATION	23	50	3
15VV1A0509	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	45	3
15VV1A0509	RT31054	DATABASE MANAGEMENT SYSTEMS	26	55	3
15VV1A0509	RT31055	OPERATING SYSTEMS	21	53	3
15VV1A0509	RT31056	COMPILER DESIGN LAB	16	29	2
15VV1A0509	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	17	30	2
15VV1A0509	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	38	2
15VV1A0510	RT31051	COMPILER DESIGN	26	52	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0510	RT31052	DATA COMMUNICATION	25	47	3
15VV1A0510	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	40	3
15VV1A0510	RT31054	DATABASE MANAGEMENT SYSTEMS	29	48	3
15VV1A0510	RT31055	OPERATING SYSTEMS	27	54	3
15VV1A0510	RT31056	COMPILER DESIGN LAB	24	48	2
15VV1A0510	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
15VV1A0510	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	43	2
15VV1A0511	RT31051	COMPILER DESIGN	22	25	3
15VV1A0511	RT31052	DATA COMMUNICATION	25	43	3
15VV1A0511	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	28	3
15VV1A0511	RT31054	DATABASE MANAGEMENT SYSTEMS	27	49	3
15VV1A0511	RT31055	OPERATING SYSTEMS	22	51	3
15VV1A0511	RT31056	COMPILER DESIGN LAB	17	44	2
15VV1A0511	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	33	2
15VV1A0511	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	36	2
15VV1A0512	RT31051	COMPILER DESIGN	26	68	3
15VV1A0512	RT31052	DATA COMMUNICATION	28	45	3
15VV1A0512	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	31	3
15VV1A0512	RT31054	DATABASE MANAGEMENT SYSTEMS	28	45	3
15VV1A0512	RT31055	OPERATING SYSTEMS	23	57	3
15VV1A0512	RT31056	COMPILER DESIGN LAB	18	48	2
15VV1A0512	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	45	2
15VV1A0512	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	47	2
15VV1A0513	RT31051	COMPILER DESIGN	20	14	0
15VV1A0513	RT31052	DATA COMMUNICATION	21	31	3
15VV1A0513	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	27	3
15VV1A0513	RT31054	DATABASE MANAGEMENT SYSTEMS	26	29	3
15VV1A0513	RT31055	OPERATING SYSTEMS	20	43	3
15VV1A0513	RT31056	COMPILER DESIGN LAB	16	46	2
15VV1A0513	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	31	2
15VV1A0513	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	38	2
15VV1A0514	RT31051	COMPILER DESIGN	17	29	3
15VV1A0514	RT31052	DATA COMMUNICATION	21	45	3
15VV1A0514	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	13	0
15VV1A0514	RT31054	DATABASE MANAGEMENT SYSTEMS	26	26	3
15VV1A0514	RT31055	OPERATING SYSTEMS	18	38	3
15VV1A0514	RT31056	COMPILER DESIGN LAB	16	49	2
15VV1A0514	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	29	2
15VV1A0514	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	33	2
15VV1A0515	RT31051	COMPILER DESIGN	22	32	3
15VV1A0515	RT31052	DATA COMMUNICATION	24	41	3
15VV1A0515	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	28	3
15VV1A0515	RT31054	DATABASE MANAGEMENT SYSTEMS	26	54	3
15VV1A0515	RT31055	OPERATING SYSTEMS	18	54	3
15VV1A0515	RT31056	COMPILER DESIGN LAB	16	28	2
15VV1A0515	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	30	2
15VV1A0515	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	40	2
15VV1A0516	RT31051	COMPILER DESIGN	23	32	3
15VV1A0516	RT31052	DATA COMMUNICATION	26	44	3
15VV1A0516	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	24	3



Htno	Subcode	Subname	Internal	External	Credits
15VV1A0516	RT31054	DATABASE MANAGEMENT SYSTEMS	27	37	3
15VV1A0516	RT31055	OPERATING SYSTEMS	24	54	3
15VV1A0516	RT31056	COMPILER DESIGN LAB	24	50	2
15VV1A0516	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
15VV1A0516	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
15VV1A0517	RT31051	COMPILER DESIGN	27	60	3
15VV1A0517	RT31052	DATA COMMUNICATION	28	52	3
15VV1A0517	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	29	3
15VV1A0517	RT31054	DATABASE MANAGEMENT SYSTEMS	28	56	3
15VV1A0517	RT31055	OPERATING SYSTEMS	28	61	3
15VV1A0517	RT31056	COMPILER DESIGN LAB	24	50	2
15VV1A0517	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	46	2
15VV1A0517	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	49	2
15VV1A0518	RT31051	COMPILER DESIGN	25	43	3
15VV1A0518	RT31052	DATA COMMUNICATION	25	40	3
15VV1A0518	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	18	0
15VV1A0518	RT31054	DATABASE MANAGEMENT SYSTEMS	25	40	3
15VV1A0518	RT31055	OPERATING SYSTEMS	20	50	3
15VV1A0518	RT31056	COMPILER DESIGN LAB	18	31	2
15VV1A0518	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	27	2
15VV1A0518	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	35	2
15VV1A0520	RT31051	COMPILER DESIGN	17	57	3
15VV1A0520	RT31052	DATA COMMUNICATION	21	42	3
15VV1A0520	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	28	3
15VV1A0520	RT31054	DATABASE MANAGEMENT SYSTEMS	20	37	3
15VV1A0520	RT31055	OPERATING SYSTEMS	22	44	3
15VV1A0520	RT31056	COMPILER DESIGN LAB	14	48	2
15VV1A0520	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	30	2
15VV1A0520	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	35	2
15VV1A0521	RT31051	COMPILER DESIGN	22	43	3
15VV1A0521	RT31052	DATA COMMUNICATION	24	37	3
15VV1A0521	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	32	3
15VV1A0521	RT31054	DATABASE MANAGEMENT SYSTEMS	28	40	3
15VV1A0521	RT31055	OPERATING SYSTEMS	22	50	3
15VV1A0521	RT31056	COMPILER DESIGN LAB	23	48	2
15VV1A0521	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	21	2
15VV1A0521	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	38	2
15VV1A0523	RT31051	COMPILER DESIGN	26	42	3
15VV1A0523	RT31052	DATA COMMUNICATION	25	39	3
15VV1A0523	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	24	3
15VV1A0523	RT31054	DATABASE MANAGEMENT SYSTEMS	27	49	3
15VV1A0523	RT31055	OPERATING SYSTEMS	24	44	3
15VV1A0523	RT31056	COMPILER DESIGN LAB	23	50	2
15VV1A0523	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	38	2
15VV1A0523	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	42	2
15VV1A0524	RT31051	COMPILER DESIGN	21	60	3
15VV1A0524	RT31052	DATA COMMUNICATION	27	47	3
15VV1A0524	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	31	3
15VV1A0524	RT31054	DATABASE MANAGEMENT SYSTEMS	27	50	3
15VV1A0524	RT31055	OPERATING SYSTEMS	28	58	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0524	RT31056	COMPILER DESIGN LAB	24	48	2
15VV1A0524	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
15VV1A0524	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	45	2
15VV1A0525	RT31051	COMPILER DESIGN	24	62	3
15VV1A0525	RT31052	DATA COMMUNICATION	28	54	3
15VV1A0525	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	35	3
15VV1A0525	RT31054	DATABASE MANAGEMENT SYSTEMS	28	55	3
15VV1A0525	RT31055	OPERATING SYSTEMS	25	57	3
15VV1A0525	RT31056	COMPILER DESIGN LAB	23	50	2
15VV1A0525	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
15VV1A0525	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	45	2
15VV1A0526	RT31051	COMPILER DESIGN	19	24	3
15VV1A0526	RT31052	DATA COMMUNICATION	17	32	3
15VV1A0526	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	24	3
15VV1A0526	RT31054	DATABASE MANAGEMENT SYSTEMS	24	27	3
15VV1A0526	RT31055	OPERATING SYSTEMS	19	50	3
15VV1A0526	RT31056	COMPILER DESIGN LAB	22	20	2
15VV1A0526	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	13	5	0
15VV1A0526	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	29	2
15VV1A0527	RT31051	COMPILER DESIGN	27	40	3
15VV1A0527	RT31052	DATA COMMUNICATION	23	36	3
15VV1A0527	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	32	3
15VV1A0527	RT31054	DATABASE MANAGEMENT SYSTEMS	25	33	3
15VV1A0527	RT31055	OPERATING SYSTEMS	22	45	3
15VV1A0527	RT31056	COMPILER DESIGN LAB	16	42	2
15VV1A0527	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	31	2
15VV1A0527	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	35	2
15VV1A0528	RT31051	COMPILER DESIGN	24	65	3
15VV1A0528	RT31052	DATA COMMUNICATION	29	49	3
15VV1A0528	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	41	3
15VV1A0528	RT31054	DATABASE MANAGEMENT SYSTEMS	28	52	3
15VV1A0528	RT31055	OPERATING SYSTEMS	27	53	3
15VV1A0528	RT31056	COMPILER DESIGN LAB	17	48	2
15VV1A0528	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	46	2
15VV1A0528	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	48	2
15VV1A0529	RT31051	COMPILER DESIGN	25	60	3
15VV1A0529	RT31052	DATA COMMUNICATION	27	41	3
15VV1A0529	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	31	3
15VV1A0529	RT31054	DATABASE MANAGEMENT SYSTEMS	27	50	3
15VV1A0529	RT31055	OPERATING SYSTEMS	26	55	3
15VV1A0529	RT31056	COMPILER DESIGN LAB	23	48	2
15VV1A0529	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	47	2
15VV1A0529	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	47	2
15VV1A0530	RT31051	COMPILER DESIGN	15	54	3
15VV1A0530	RT31052	DATA COMMUNICATION	24	39	3
15VV1A0530	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	26	3
15VV1A0530	RT31054	DATABASE MANAGEMENT SYSTEMS	26	45	3
15VV1A0530	RT31055	OPERATING SYSTEMS	18	49	3
15VV1A0530	RT31056	COMPILER DESIGN LAB	23	46	2
15VV1A0530	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	20	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0530	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	34	2
15VV1A0531	RT31051	COMPILER DESIGN	28	69	3
15VV1A0531	RT31052	DATA COMMUNICATION	28	57	3
15VV1A0531	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	55	3
15VV1A0531	RT31054	DATABASE MANAGEMENT SYSTEMS	29	50	3
15VV1A0531	RT31055	OPERATING SYSTEMS	29	60	3
15VV1A0531	RT31056	COMPILER DESIGN LAB	24	48	2
15VV1A0531	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
15VV1A0531	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	49	2
15VV1A0532	RT31051	COMPILER DESIGN	18	49	3
15VV1A0532	RT31052	DATA COMMUNICATION	26	45	3
15VV1A0532	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	28	3
15VV1A0532	RT31054	DATABASE MANAGEMENT SYSTEMS	26	38	3
15VV1A0532	RT31055	OPERATING SYSTEMS	20	51	3
15VV1A0532	RT31056	COMPILER DESIGN LAB	16	29	2
15VV1A0532	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	19	2
15VV1A0532	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	33	2
15VV1A0533	RT31051	COMPILER DESIGN	23	34	3
15VV1A0533	RT31052	DATA COMMUNICATION	25	44	3
15VV1A0533	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	33	3
15VV1A0533	RT31054	DATABASE MANAGEMENT SYSTEMS	26	44	3
15VV1A0533	RT31055	OPERATING SYSTEMS	15	48	3
15VV1A0533	RT31056	COMPILER DESIGN LAB	16	39	2
15VV1A0533	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	14	19	2
15VV1A0533	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	32	2
15VV1A0534	RT31051	COMPILER DESIGN	26	54	3
15VV1A0534	RT31052	DATA COMMUNICATION	26	43	3
15VV1A0534	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	39	3
15VV1A0534	RT31054	DATABASE MANAGEMENT SYSTEMS	27	40	3
15VV1A0534	RT31055	OPERATING SYSTEMS	24	48	3
15VV1A0534	RT31056	COMPILER DESIGN LAB	23	48	2
15VV1A0534	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	33	2
15VV1A0534	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	42	2
15VV1A0535	RT31051	COMPILER DESIGN	22	58	3
15VV1A0535	RT31052	DATA COMMUNICATION	26	52	3
15VV1A0535	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	42	3
15VV1A0535	RT31054	DATABASE MANAGEMENT SYSTEMS	27	46	3
15VV1A0535	RT31055	OPERATING SYSTEMS	24	53	3
15VV1A0535	RT31056	COMPILER DESIGN LAB	17	48	2
15VV1A0535	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	34	2
15VV1A0535	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	42	2
15VV1A0536	RT31051	COMPILER DESIGN	22	51	3
15VV1A0536	RT31052	DATA COMMUNICATION	24	38	3
15VV1A0536	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	31	3
15VV1A0536	RT31054	DATABASE MANAGEMENT SYSTEMS	26	45	3
15VV1A0536	RT31055	OPERATING SYSTEMS	22	52	3
15VV1A0536	RT31056	COMPILER DESIGN LAB	25	48	2
15VV1A0536	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	18	43	2
15VV1A0536	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	41	2
15VV1A0537	RT31051	COMPILER DESIGN	27	40	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0537	RT31052	DATA COMMUNICATION	26	44	3
15VV1A0537	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	36	3
15VV1A0537	RT31054	DATABASE MANAGEMENT SYSTEMS	27	45	3
15VV1A0537	RT31055	OPERATING SYSTEMS	22	54	3
15VV1A0537	RT31056	COMPILER DESIGN LAB	25	50	2
15VV1A0537	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	44	2
15VV1A0537	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
15VV1A0539	RT31051	COMPILER DESIGN	25	49	3
15VV1A0539	RT31052	DATA COMMUNICATION	23	49	3
15VV1A0539	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	13	0
15VV1A0539	RT31054	DATABASE MANAGEMENT SYSTEMS	26	42	3
15VV1A0539	RT31055	OPERATING SYSTEMS	18	51	3
15VV1A0539	RT31056	COMPILER DESIGN LAB	24	48	2
15VV1A0539	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	28	2
15VV1A0539	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	38	2
15VV1A0540	RT31051	COMPILER DESIGN	24	54	3
15VV1A0540	RT31052	DATA COMMUNICATION	23	38	3
15VV1A0540	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	30	3
15VV1A0540	RT31054	DATABASE MANAGEMENT SYSTEMS	26	42	3
15VV1A0540	RT31055	OPERATING SYSTEMS	23	47	3
15VV1A0540	RT31056	COMPILER DESIGN LAB	18	38	2
15VV1A0540	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	30	2
15VV1A0540	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	35	2
15VV1A0541	RT31051	COMPILER DESIGN	19	13	0
15VV1A0541	RT31052	DATA COMMUNICATION	23	24	3
15VV1A0541	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	27	3
15VV1A0541	RT31054	DATABASE MANAGEMENT SYSTEMS	23	44	3
15VV1A0541	RT31055	OPERATING SYSTEMS	18	35	3
15VV1A0541	RT31056	COMPILER DESIGN LAB	17	21	2
15VV1A0541	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	18	2
15VV1A0541	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	32	2
15VV1A0542	RT31051	COMPILER DESIGN	18	25	3
15VV1A0542	RT31052	DATA COMMUNICATION	24	36	3
15VV1A0542	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	13	0
15VV1A0542	RT31054	DATABASE MANAGEMENT SYSTEMS	25	44	3
15VV1A0542	RT31055	OPERATING SYSTEMS	17	38	3
15VV1A0542	RT31056	COMPILER DESIGN LAB	13	46	2
15VV1A0542	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	21	2
15VV1A0542	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	31	2
15VV1A0543	RT31051	COMPILER DESIGN	28	69	3
15VV1A0543	RT31052	DATA COMMUNICATION	29	46	3
15VV1A0543	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	29	3
15VV1A0543	RT31054	DATABASE MANAGEMENT SYSTEMS	28	49	3
15VV1A0543	RT31055	OPERATING SYSTEMS	26	54	3
15VV1A0543	RT31056	COMPILER DESIGN LAB	24	50	2
15VV1A0543	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	44	2
15VV1A0543	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
15VV1A0544	RT31051	COMPILER DESIGN	15	44	3
15VV1A0544	RT31052	DATA COMMUNICATION	15	42	3
15VV1A0544	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	20	17	0

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0544	RT31054	DATABASE MANAGEMENT SYSTEMS	20	39	3
15VV1A0544	RT31055	OPERATING SYSTEMS	16	42	3
15VV1A0544	RT31056	COMPILER DESIGN LAB	12	41	2
15VV1A0544	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	10	5	0
15VV1A0544	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	28	2
15VV1A0545	RT31051	COMPILER DESIGN	25	43	3
15VV1A0545	RT31052	DATA COMMUNICATION	27	35	3
15VV1A0545	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	28	27	3
15VV1A0545	RT31054	DATABASE MANAGEMENT SYSTEMS	26	52	3
15VV1A0545	RT31055	OPERATING SYSTEMS	22	51	3
15VV1A0545	RT31056	COMPILER DESIGN LAB	23	47	2
15VV1A0545	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	34	2
15VV1A0545	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	41	2
15VV1A0546	RT31051	COMPILER DESIGN	23	36	3
15VV1A0546	RT31052	DATA COMMUNICATION	27	41	3
15VV1A0546	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	25	3
15VV1A0546	RT31054	DATABASE MANAGEMENT SYSTEMS	26	36	3
15VV1A0546	RT31055	OPERATING SYSTEMS	22	46	3
15VV1A0546	RT31056	COMPILER DESIGN LAB	17	45	2
15VV1A0546	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	32	2
15VV1A0546	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	39	2
15VV1A0547	RT31051	COMPILER DESIGN	22	43	3
15VV1A0547	RT31052	DATA COMMUNICATION	24	41	3
15VV1A0547	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	27	29	3
15VV1A0547	RT31054	DATABASE MANAGEMENT SYSTEMS	28	49	3
15VV1A0547	RT31055	OPERATING SYSTEMS	19	50	3
15VV1A0547	RT31056	COMPILER DESIGN LAB	17	36	2
15VV1A0547	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	16	25	2
15VV1A0547	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	34	2
15VV1A0548	RT31051	COMPILER DESIGN	25	49	3
15VV1A0548	RT31052	DATA COMMUNICATION	26	54	3
15VV1A0548	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	26	3
15VV1A0548	RT31054	DATABASE MANAGEMENT SYSTEMS	23	41	3
15VV1A0548	RT31055	OPERATING SYSTEMS	23	55	3
15VV1A0548	RT31056	COMPILER DESIGN LAB	22	50	2
15VV1A0548	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	36	2
15VV1A0548	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	42	2
15VV1A0550	RT31051	COMPILER DESIGN	25	42	3
15VV1A0550	RT31052	DATA COMMUNICATION	23	35	3
15VV1A0550	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	24	3
15VV1A0550	RT31054	DATABASE MANAGEMENT SYSTEMS	27	44	3
15VV1A0550	RT31055	OPERATING SYSTEMS	25	54	3
15VV1A0550	RT31056	COMPILER DESIGN LAB	20	48	2
15VV1A0550	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	35	2
15VV1A0550	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	41	2
15VV1A0552	RT31051	COMPILER DESIGN	24	43	3
15VV1A0552	RT31052	DATA COMMUNICATION	27	40	3
15VV1A0552	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	24	3
15VV1A0552	RT31054	DATABASE MANAGEMENT SYSTEMS	29	45	3
15VV1A0552	RT31055	OPERATING SYSTEMS	26	51	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0552	RT31056	COMPILER DESIGN LAB	25	50	2
15VV1A0552	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	31	2
15VV1A0552	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	43	2
15VV1A0553	RT31051	COMPILER DESIGN	17	36	3
15VV1A0553	RT31052	DATA COMMUNICATION	21	24	3
15VV1A0553	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	22	8	0
15VV1A0553	RT31054	DATABASE MANAGEMENT SYSTEMS	23	12	0
15VV1A0553	RT31055	OPERATING SYSTEMS	19	33	3
15VV1A0553	RT31056	COMPILER DESIGN LAB	12	20	2
15VV1A0553	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	15	8	0
15VV1A0553	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	29	2
15VV1A1202	RT31052	DATA COMMUNICATION	22	35	3
15VV1A1202	RT31054	DATABASE MANAGEMENT SYSTEMS	25	46	3
15VV1A1202	RT31055	OPERATING SYSTEMS	22	38	3
15VV1A1202	RT31121	SOFTWARE ENGINEERING	22	45	3
15VV1A1202	RT31123	ADVANCED JAVA	22	45	3
15VV1A1202	RT31126	ADVANCED JAVA LAB	18	40	2
15VV1A1202	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15VV1A1202	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	41	2
15VV1A1203	RT31052	DATA COMMUNICATION	22	32	3
15VV1A1203	RT31054	DATABASE MANAGEMENT SYSTEMS	24	28	3
15VV1A1203	RT31055	OPERATING SYSTEMS	23	42	3
15VV1A1203	RT31121	SOFTWARE ENGINEERING	15	48	3
15VV1A1203	RT31123	ADVANCED JAVA	21	50	3
15VV1A1203	RT31126	ADVANCED JAVA LAB	17	36	2
15VV1A1203	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2
15VV1A1203	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
15VV1A1205	RT31052	DATA COMMUNICATION	24	44	3
15VV1A1205	RT31054	DATABASE MANAGEMENT SYSTEMS	25	42	3
15VV1A1205	RT31055	OPERATING SYSTEMS	20	48	3
15VV1A1205	RT31121	SOFTWARE ENGINEERING	19	46	3
15VV1A1205	RT31123	ADVANCED JAVA	19	35	3
15VV1A1205	RT31126	ADVANCED JAVA LAB	19	37	2
15VV1A1205	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
15VV1A1205	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	18	41	2
15VV1A1206	RT31052	DATA COMMUNICATION	20	35	3
15VV1A1206	RT31054	DATABASE MANAGEMENT SYSTEMS	24	34	3
15VV1A1206	RT31055	OPERATING SYSTEMS	15	40	3
15VV1A1206	RT31121	SOFTWARE ENGINEERING	11	40	3
15VV1A1206	RT31123	ADVANCED JAVA	19	33	3
15VV1A1206	RT31126	ADVANCED JAVA LAB	20	40	2
15VV1A1206	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
15VV1A1206	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	41	2
15VV1A1207	RT31052	DATA COMMUNICATION	20	36	3
15VV1A1207	RT31054	DATABASE MANAGEMENT SYSTEMS	25	24	3
15VV1A1207	RT31055	OPERATING SYSTEMS	23	38	3
15VV1A1207	RT31121	SOFTWARE ENGINEERING	20	40	3
15VV1A1207	RT31123	ADVANCED JAVA	23	47	3
15VV1A1207	RT31126	ADVANCED JAVA LAB	21	42	2
15VV1A1207	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1207	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	18	43	2
15VV1A1208	RT31052	DATA COMMUNICATION	27	48	3
15VV1A1208	RT31054	DATABASE MANAGEMENT SYSTEMS	26	24	3
15VV1A1208	RT31055	OPERATING SYSTEMS	20	34	3
15VV1A1208	RT31121	SOFTWARE ENGINEERING	14	44	3
15VV1A1208	RT31123	ADVANCED JAVA	22	41	3
15VV1A1208	RT31126	ADVANCED JAVA LAB	17	41	2
15VV1A1208	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
15VV1A1208	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	18	42	2
15VV1A1209	RT31052	DATA COMMUNICATION	22	44	3
15VV1A1209	RT31054	DATABASE MANAGEMENT SYSTEMS	29	45	3
15VV1A1209	RT31055	OPERATING SYSTEMS	23	46	3
15VV1A1209	RT31121	SOFTWARE ENGINEERING	23	51	3
15VV1A1209	RT31123	ADVANCED JAVA	29	59	3
15VV1A1209	RT31126	ADVANCED JAVA LAB	24	44	2
15VV1A1209	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
15VV1A1209	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	50	2
15VV1A1210	RT31052	DATA COMMUNICATION	18	43	3
15VV1A1210	RT31054	DATABASE MANAGEMENT SYSTEMS	27	38	3
15VV1A1210	RT31055	OPERATING SYSTEMS	21	40	3
15VV1A1210	RT31121	SOFTWARE ENGINEERING	21	45	3
15VV1A1210	RT31123	ADVANCED JAVA	23	38	3
15VV1A1210	RT31126	ADVANCED JAVA LAB	17	38	2
15VV1A1210	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	41	2
15VV1A1210	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
15VV1A1211	RT31052	DATA COMMUNICATION	22	36	3
15VV1A1211	RT31054	DATABASE MANAGEMENT SYSTEMS	27	42	3
15VV1A1211	RT31055	OPERATING SYSTEMS	23	42	3
15VV1A1211	RT31121	SOFTWARE ENGINEERING	23	56	3
15VV1A1211	RT31123	ADVANCED JAVA	26	52	3
15VV1A1211	RT31126	ADVANCED JAVA LAB	22	45	2
15VV1A1211	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
15VV1A1211	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
15VV1A1212	RT31052	DATA COMMUNICATION	23	45	3
15VV1A1212	RT31054	DATABASE MANAGEMENT SYSTEMS	27	40	3
15VV1A1212	RT31055	OPERATING SYSTEMS	25	48	3
15VV1A1212	RT31121	SOFTWARE ENGINEERING	18	50	3
15VV1A1212	RT31123	ADVANCED JAVA	29	46	3
15VV1A1212	RT31126	ADVANCED JAVA LAB	22	33	2
15VV1A1212	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15VV1A1212	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	45	2
15VV1A1213	RT31052	DATA COMMUNICATION	19	24	3
15VV1A1213	RT31054	DATABASE MANAGEMENT SYSTEMS	25	19	0
15VV1A1213	RT31055	OPERATING SYSTEMS	20	29	3
15VV1A1213	RT31121	SOFTWARE ENGINEERING	17	42	3
15VV1A1213	RT31123	ADVANCED JAVA	23	24	3
15VV1A1213	RT31126	ADVANCED JAVA LAB	17	33	2
15VV1A1213	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2
15VV1A1213	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
15VV1A1214	RT31052	DATA COMMUNICATION	25	46	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1214	RT31054	DATABASE MANAGEMENT SYSTEMS	27	49	3
15VV1A1214	RT31055	OPERATING SYSTEMS	23	42	3
15VV1A1214	RT31121	SOFTWARE ENGINEERING	19	50	3
15VV1A1214	RT31123	ADVANCED JAVA	25	40	3
15VV1A1214	RT31126	ADVANCED JAVA LAB	22	42	2
15VV1A1214	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	40	2
15VV1A1214	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	44	2
15VV1A1215	RT31052	DATA COMMUNICATION	25	47	3
15VV1A1215	RT31054	DATABASE MANAGEMENT SYSTEMS	27	31	3
15VV1A1215	RT31055	OPERATING SYSTEMS	25	36	3
15VV1A1215	RT31121	SOFTWARE ENGINEERING	20	49	3
15VV1A1215	RT31123	ADVANCED JAVA	29	49	3
15VV1A1215	RT31126	ADVANCED JAVA LAB	21	41	2
15VV1A1215	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
15VV1A1215	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
15VV1A1216	RT31052	DATA COMMUNICATION	21	25	3
15VV1A1216	RT31054	DATABASE MANAGEMENT SYSTEMS	25	0	0
15VV1A1216	RT31055	OPERATING SYSTEMS	22	36	3
15VV1A1216	RT31121	SOFTWARE ENGINEERING	15	38	3
15VV1A1216	RT31123	ADVANCED JAVA	17	26	3
15VV1A1216	RT31126	ADVANCED JAVA LAB	10	20	2
15VV1A1216	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	19	42	2
15VV1A1216	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
15VV1A1217	RT31052	DATA COMMUNICATION	20	24	3
15VV1A1217	RT31054	DATABASE MANAGEMENT SYSTEMS	25	18	0
15VV1A1217	RT31055	OPERATING SYSTEMS	22	30	3
15VV1A1217	RT31121	SOFTWARE ENGINEERING	16	44	3
15VV1A1217	RT31123	ADVANCED JAVA	24	35	3
15VV1A1217	RT31126	ADVANCED JAVA LAB	19	39	2
15VV1A1217	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	40	2
15VV1A1217	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	39	2
15VV1A1219	RT31052	DATA COMMUNICATION	20	4	0
15VV1A1219	RT31054	DATABASE MANAGEMENT SYSTEMS	28	47	3
15VV1A1219	RT31055	OPERATING SYSTEMS	22	54	3
15VV1A1219	RT31121	SOFTWARE ENGINEERING	19	45	3
15VV1A1219	RT31123	ADVANCED JAVA	22	51	3
15VV1A1219	RT31126	ADVANCED JAVA LAB	22	38	2
15VV1A1219	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
15VV1A1219	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	46	2
15VV1A1220	RT31052	DATA COMMUNICATION	17	44	3
15VV1A1220	RT31054	DATABASE MANAGEMENT SYSTEMS	27	48	3
15VV1A1220	RT31055	OPERATING SYSTEMS	21	44	3
15VV1A1220	RT31121	SOFTWARE ENGINEERING	20	47	3
15VV1A1220	RT31123	ADVANCED JAVA	24	32	3
15VV1A1220	RT31126	ADVANCED JAVA LAB	18	37	2
15VV1A1220	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15VV1A1220	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	39	2
15VV1A1221	RT31052	DATA COMMUNICATION	26	48	3
15VV1A1221	RT31054	DATABASE MANAGEMENT SYSTEMS	28	48	3
15VV1A1221	RT31055	OPERATING SYSTEMS	25	56	3



Htno	Subcode	Subname	Internal	External	Credits
15VV1A1221	RT31121	SOFTWARE ENGINEERING	22	56	3
15VV1A1221	RT31123	ADVANCED JAVA	28	54	3
15VV1A1221	RT31126	ADVANCED JAVA LAB	22	42	2
15VV1A1221	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15VV1A1221	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
15VV1A1222	RT31052	DATA COMMUNICATION	24	40	3
15VV1A1222	RT31054	DATABASE MANAGEMENT SYSTEMS	26	43	3
15VV1A1222	RT31055	OPERATING SYSTEMS	23	38	3
15VV1A1222	RT31121	SOFTWARE ENGINEERING	22	45	3
15VV1A1222	RT31123	ADVANCED JAVA	27	49	3
15VV1A1222	RT31126	ADVANCED JAVA LAB	23	43	2
15VV1A1222	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15VV1A1222	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	46	2
15VV1A1223	RT31052	DATA COMMUNICATION	26	44	3
15VV1A1223	RT31054	DATABASE MANAGEMENT SYSTEMS	26	47	3
15VV1A1223	RT31055	OPERATING SYSTEMS	25	58	3
15VV1A1223	RT31121	SOFTWARE ENGINEERING	25	50	3
15VV1A1223	RT31123	ADVANCED JAVA	26	51	3
15VV1A1223	RT31126	ADVANCED JAVA LAB	23	43	2
15VV1A1223	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	50	2
15VV1A1223	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	47	2
15VV1A1224	RT31052	DATA COMMUNICATION	25	47	3
15VV1A1224	RT31054	DATABASE MANAGEMENT SYSTEMS	26	50	3
15VV1A1224	RT31055	OPERATING SYSTEMS	25	50	3
15VV1A1224	RT31121	SOFTWARE ENGINEERING	18	50	3
15VV1A1224	RT31123	ADVANCED JAVA	27	47	3
15VV1A1224	RT31126	ADVANCED JAVA LAB	22	40	2
15VV1A1224	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15VV1A1224	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
15VV1A1225	RT31052	DATA COMMUNICATION	18	28	3
15VV1A1225	RT31054	DATABASE MANAGEMENT SYSTEMS	23	41	3
15VV1A1225	RT31055	OPERATING SYSTEMS	20	52	3
15VV1A1225	RT31121	SOFTWARE ENGINEERING	20	41	3
15VV1A1225	RT31123	ADVANCED JAVA	27	40	3
15VV1A1225	RT31126	ADVANCED JAVA LAB	22	41	2
15VV1A1225	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	43	2
15VV1A1225	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	44	2
15VV1A1226	RT31052	DATA COMMUNICATION	28	42	3
15VV1A1226	RT31054	DATABASE MANAGEMENT SYSTEMS	26	54	3
15VV1A1226	RT31055	OPERATING SYSTEMS	25	57	3
15VV1A1226	RT31121	SOFTWARE ENGINEERING	23	50	3
15VV1A1226	RT31123	ADVANCED JAVA	30	53	3
15VV1A1226	RT31126	ADVANCED JAVA LAB	23	43	2
15VV1A1226	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15VV1A1226	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
15VV1A1227	RT31052	DATA COMMUNICATION	25	39	3
15VV1A1227	RT31054	DATABASE MANAGEMENT SYSTEMS	25	39	3
15VV1A1227	RT31055	OPERATING SYSTEMS	25	40	3
15VV1A1227	RT31121	SOFTWARE ENGINEERING	23	43	3
15VV1A1227	RT31123	ADVANCED JAVA	28	43	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1227	RT31126	ADVANCED JAVA LAB	23	43	2
15VV1A1227	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15VV1A1227	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
15VV1A1228	RT31052	DATA COMMUNICATION	21	42	3
15VV1A1228	RT31054	DATABASE MANAGEMENT SYSTEMS	24	47	3
15VV1A1228	RT31055	OPERATING SYSTEMS	21	48	3
15VV1A1228	RT31121	SOFTWARE ENGINEERING	19	51	3
15VV1A1228	RT31123	ADVANCED JAVA	24	52	3
15VV1A1228	RT31126	ADVANCED JAVA LAB	20	40	2
15VV1A1228	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15VV1A1228	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	46	2
15VV1A1230	RT31052	DATA COMMUNICATION	22	41	3
15VV1A1230	RT31054	DATABASE MANAGEMENT SYSTEMS	25	50	3
15VV1A1230	RT31055	OPERATING SYSTEMS	22	38	3
15VV1A1230	RT31121	SOFTWARE ENGINEERING	21	53	3
15VV1A1230	RT31123	ADVANCED JAVA	27	55	3
15VV1A1230	RT31126	ADVANCED JAVA LAB	24	44	2
15VV1A1230	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15VV1A1230	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	48	2
15VV1A1231	RT31052	DATA COMMUNICATION	18	26	3
15VV1A1231	RT31054	DATABASE MANAGEMENT SYSTEMS	23	30	3
15VV1A1231	RT31055	OPERATING SYSTEMS	22	38	3
15VV1A1231	RT31121	SOFTWARE ENGINEERING	19	42	3
15VV1A1231	RT31123	ADVANCED JAVA	19	34	3
15VV1A1231	RT31126	ADVANCED JAVA LAB	17	37	2
15VV1A1231	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15VV1A1231	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
15VV1A1232	RT31052	DATA COMMUNICATION	24	43	3
15VV1A1232	RT31054	DATABASE MANAGEMENT SYSTEMS	25	34	3
15VV1A1232	RT31055	OPERATING SYSTEMS	24	45	3
15VV1A1232	RT31121	SOFTWARE ENGINEERING	20	43	3
15VV1A1232	RT31123	ADVANCED JAVA	25	46	3
15VV1A1232	RT31126	ADVANCED JAVA LAB	21	38	2
15VV1A1232	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	46	2
15VV1A1232	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
15VV1A1233	RT31052	DATA COMMUNICATION	27	36	3
15VV1A1233	RT31054	DATABASE MANAGEMENT SYSTEMS	25	24	3
15VV1A1233	RT31055	OPERATING SYSTEMS	23	42	3
15VV1A1233	RT31121	SOFTWARE ENGINEERING	15	52	3
15VV1A1233	RT31123	ADVANCED JAVA	26	55	3
15VV1A1233	RT31126	ADVANCED JAVA LAB	19	37	2
15VV1A1233	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
15VV1A1233	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
15VV1A1234	RT31052	DATA COMMUNICATION	12	29	3
15VV1A1234	RT31054	DATABASE MANAGEMENT SYSTEMS	22	24	3
15VV1A1234	RT31055	OPERATING SYSTEMS	18	31	3
15VV1A1234	RT31121	SOFTWARE ENGINEERING	15	36	3
15VV1A1234	RT31123	ADVANCED JAVA	17	37	3
15VV1A1234	RT31126	ADVANCED JAVA LAB	17	35	2
15VV1A1234	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	40	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1234	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	39	2
15VV1A1235	RT31052	DATA COMMUNICATION	22	44	3
15VV1A1235	RT31054	DATABASE MANAGEMENT SYSTEMS	27	33	3
15VV1A1235	RT31055	OPERATING SYSTEMS	23	41	3
15VV1A1235	RT31121	SOFTWARE ENGINEERING	20	48	3
15VV1A1235	RT31123	ADVANCED JAVA	21	48	3
15VV1A1235	RT31126	ADVANCED JAVA LAB	18	36	2
15VV1A1235	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	47	2
15VV1A1235	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	40	2
15VV1A1237	RT31052	DATA COMMUNICATION	19	48	3
15VV1A1237	RT31054	DATABASE MANAGEMENT SYSTEMS	27	50	3
15VV1A1237	RT31055	OPERATING SYSTEMS	28	48	3
15VV1A1237	RT31121	SOFTWARE ENGINEERING	25	54	3
15VV1A1237	RT31123	ADVANCED JAVA	29	57	3
15VV1A1237	RT31126	ADVANCED JAVA LAB	22	42	2
15VV1A1237	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	50	2
15VV1A1237	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
15VV1A1238	RT31052	DATA COMMUNICATION	25	51	3
15VV1A1238	RT31054	DATABASE MANAGEMENT SYSTEMS	27	47	3
15VV1A1238	RT31055	OPERATING SYSTEMS	24	58	3
15VV1A1238	RT31121	SOFTWARE ENGINEERING	22	52	3
15VV1A1238	RT31123	ADVANCED JAVA	28	60	3
15VV1A1238	RT31126	ADVANCED JAVA LAB	22	41	2
15VV1A1238	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	42	2
15VV1A1238	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
15VV1A1239	RT31052	DATA COMMUNICATION	24	48	3
15VV1A1239	RT31054	DATABASE MANAGEMENT SYSTEMS	26	49	3
15VV1A1239	RT31055	OPERATING SYSTEMS	22	49	3
15VV1A1239	RT31121	SOFTWARE ENGINEERING	22	56	3
15VV1A1239	RT31123	ADVANCED JAVA	24	52	3
15VV1A1239	RT31126	ADVANCED JAVA LAB	21	41	2
15VV1A1239	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
15VV1A1239	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	44	2
15VV1A1240	RT31052	DATA COMMUNICATION	16	-1	0
15VV1A1240	RT31054	DATABASE MANAGEMENT SYSTEMS	22	29	3
15VV1A1240	RT31055	OPERATING SYSTEMS	26	32	3
15VV1A1240	RT31121	SOFTWARE ENGINEERING	18	39	3
15VV1A1240	RT31123	ADVANCED JAVA	29	16	0
15VV1A1240	RT31126	ADVANCED JAVA LAB	21	40	2
15VV1A1240	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	10	42	2
15VV1A1240	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	43	2
15VV1A1241	RT31052	DATA COMMUNICATION	22	33	3
15VV1A1241	RT31054	DATABASE MANAGEMENT SYSTEMS	26	27	3
15VV1A1241	RT31055	OPERATING SYSTEMS	24	37	3
15VV1A1241	RT31121	SOFTWARE ENGINEERING	19	12	0
15VV1A1241	RT31123	ADVANCED JAVA	30	36	3
15VV1A1241	RT31126	ADVANCED JAVA LAB	24	44	2
15VV1A1241	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	45	2
15VV1A1241	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	49	2
15VV1A1242	RT31052	DATA COMMUNICATION	26	48	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1242	RT31054	DATABASE MANAGEMENT SYSTEMS	28	40	3
15VV1A1242	RT31055	OPERATING SYSTEMS	28	42	3
15VV1A1242	RT31121	SOFTWARE ENGINEERING	20	49	3
15VV1A1242	RT31123	ADVANCED JAVA	29	43	3
15VV1A1242	RT31126	ADVANCED JAVA LAB	23	43	2
15VV1A1242	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
15VV1A1242	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	49	2
15VV1A1243	RT31052	DATA COMMUNICATION	26	36	3
15VV1A1243	RT31054	DATABASE MANAGEMENT SYSTEMS	25	44	3
15VV1A1243	RT31055	OPERATING SYSTEMS	24	56	3
15VV1A1243	RT31121	SOFTWARE ENGINEERING	22	51	3
15VV1A1243	RT31123	ADVANCED JAVA	28	51	3
15VV1A1243	RT31126	ADVANCED JAVA LAB	20	41	2
15VV1A1243	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	45	2
15VV1A1243	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	44	2
15VV1A1244	RT31052	DATA COMMUNICATION	24	44	3
15VV1A1244	RT31054	DATABASE MANAGEMENT SYSTEMS	25	43	3
15VV1A1244	RT31055	OPERATING SYSTEMS	27	54	3
15VV1A1244	RT31121	SOFTWARE ENGINEERING	22	58	3
15VV1A1244	RT31123	ADVANCED JAVA	24	36	3
15VV1A1244	RT31126	ADVANCED JAVA LAB	20	42	2
15VV1A1244	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
15VV1A1244	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	44	2
15VV1A1245	RT31052	DATA COMMUNICATION	19	41	3
15VV1A1245	RT31054	DATABASE MANAGEMENT SYSTEMS	24	47	3
15VV1A1245	RT31055	OPERATING SYSTEMS	19	36	3
15VV1A1245	RT31121	SOFTWARE ENGINEERING	21	44	3
15VV1A1245	RT31123	ADVANCED JAVA	27	43	3
15VV1A1245	RT31126	ADVANCED JAVA LAB	17	35	2
15VV1A1245	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	44	2
15VV1A1245	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
15VV1A1246	RT31052	DATA COMMUNICATION	22	37	3
15VV1A1246	RT31054	DATABASE MANAGEMENT SYSTEMS	26	29	3
15VV1A1246	RT31055	OPERATING SYSTEMS	22	38	3
15VV1A1246	RT31121	SOFTWARE ENGINEERING	23	39	3
15VV1A1246	RT31123	ADVANCED JAVA	30	35	3
15VV1A1246	RT31126	ADVANCED JAVA LAB	19	39	2
15VV1A1246	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
15VV1A1246	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	40	2
15VV1A1247	RT31052	DATA COMMUNICATION	24	48	3
15VV1A1247	RT31054	DATABASE MANAGEMENT SYSTEMS	21	31	3
15VV1A1247	RT31055	OPERATING SYSTEMS	23	41	3
15VV1A1247	RT31121	SOFTWARE ENGINEERING	15	43	3
15VV1A1247	RT31123	ADVANCED JAVA	23	17	0
15VV1A1247	RT31126	ADVANCED JAVA LAB	18	36	2
15VV1A1247	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	42	2
15VV1A1247	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
15VV1A1248	RT31052	DATA COMMUNICATION	26	46	3
15VV1A1248	RT31054	DATABASE MANAGEMENT SYSTEMS	27	50	3
15VV1A1248	RT31055	OPERATING SYSTEMS	24	54	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1248	RT31121	SOFTWARE ENGINEERING	23	51	3
15VV1A1248	RT31123	ADVANCED JAVA	28	51	3
15VV1A1248	RT31126	ADVANCED JAVA LAB	25	44	2
15VV1A1248	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	47	2
15VV1A1248	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	48	2
15VV1A1249	RT31052	DATA COMMUNICATION	20	45	3
15VV1A1249	RT31054	DATABASE MANAGEMENT SYSTEMS	22	35	3
15VV1A1249	RT31055	OPERATING SYSTEMS	21	38	3
15VV1A1249	RT31121	SOFTWARE ENGINEERING	13	42	3
15VV1A1249	RT31123	ADVANCED JAVA	23	37	3
15VV1A1249	RT31126	ADVANCED JAVA LAB	17	35	2
15VV1A1249	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	42	2
15VV1A1249	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
15VV1A1250	RT31052	DATA COMMUNICATION	26	47	3
15VV1A1250	RT31054	DATABASE MANAGEMENT SYSTEMS	25	46	3
15VV1A1250	RT31055	OPERATING SYSTEMS	21	52	3
15VV1A1250	RT31121	SOFTWARE ENGINEERING	20	49	3
15VV1A1250	RT31123	ADVANCED JAVA	30	54	3
15VV1A1250	RT31126	ADVANCED JAVA LAB	25	44	2
15VV1A1250	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	45	2
15VV1A1250	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	47	2
15VV1A1251	RT31052	DATA COMMUNICATION	28	44	3
15VV1A1251	RT31054	DATABASE MANAGEMENT SYSTEMS	25	48	3
15VV1A1251	RT31055	OPERATING SYSTEMS	23	48	3
15VV1A1251	RT31121	SOFTWARE ENGINEERING	24	49	3
15VV1A1251	RT31123	ADVANCED JAVA	28	48	3
15VV1A1251	RT31126	ADVANCED JAVA LAB	21	39	2
15VV1A1251	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
15VV1A1251	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	42	2
15VV1A1252	RT31052	DATA COMMUNICATION	25	38	3
15VV1A1252	RT31054	DATABASE MANAGEMENT SYSTEMS	24	47	3
15VV1A1252	RT31055	OPERATING SYSTEMS	23	44	3
15VV1A1252	RT31121	SOFTWARE ENGINEERING	24	52	3
15VV1A1252	RT31123	ADVANCED JAVA	26	44	3
15VV1A1252	RT31126	ADVANCED JAVA LAB	20	41	2
15VV1A1252	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	21	43	2
15VV1A1252	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	43	2
15VV1A1253	RT31052	DATA COMMUNICATION	21	51	3
15VV1A1253	RT31054	DATABASE MANAGEMENT SYSTEMS	25	44	3
15VV1A1253	RT31055	OPERATING SYSTEMS	23	42	3
15VV1A1253	RT31121	SOFTWARE ENGINEERING	20	45	3
15VV1A1253	RT31123	ADVANCED JAVA	26	45	3
15VV1A1253	RT31126	ADVANCED JAVA LAB	21	40	2
15VV1A1253	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
15VV1A1253	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	41	2
15VV1A1254	RT31052	DATA COMMUNICATION	25	39	3
15VV1A1254	RT31054	DATABASE MANAGEMENT SYSTEMS	20	44	3
15VV1A1254	RT31055	OPERATING SYSTEMS	23	50	3
15VV1A1254	RT31121	SOFTWARE ENGINEERING	19	50	3
15VV1A1254	RT31123	ADVANCED JAVA	25	61	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1254	RT31126	ADVANCED JAVA LAB	20	41	2
15VV1A1254	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	46	2
15VV1A1254	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	21	43	2
15VV1A1255	RT31052	DATA COMMUNICATION	23	36	3
15VV1A1255	RT31054	DATABASE MANAGEMENT SYSTEMS	22	40	3
15VV1A1255	RT31055	OPERATING SYSTEMS	24	41	3
15VV1A1255	RT31121	SOFTWARE ENGINEERING	22	49	3
15VV1A1255	RT31123	ADVANCED JAVA	26	44	3
15VV1A1255	RT31126	ADVANCED JAVA LAB	18	40	2
15VV1A1255	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	46	2
15VV1A1255	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
15VV1A1256	RT31052	DATA COMMUNICATION	24	43	3
15VV1A1256	RT31054	DATABASE MANAGEMENT SYSTEMS	25	46	3
15VV1A1256	RT31055	OPERATING SYSTEMS	26	46	3
15VV1A1256	RT31121	SOFTWARE ENGINEERING	22	48	3
15VV1A1256	RT31123	ADVANCED JAVA	30	51	3
15VV1A1256	RT31126	ADVANCED JAVA LAB	24	44	2
15VV1A1256	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	48	2
15VV1A1256	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	24	50	2
15VV1A1257	RT31052	DATA COMMUNICATION	24	41	3
15VV1A1257	RT31054	DATABASE MANAGEMENT SYSTEMS	20	24	3
15VV1A1257	RT31055	OPERATING SYSTEMS	24	38	3
15VV1A1257	RT31121	SOFTWARE ENGINEERING	24	49	3
15VV1A1257	RT31123	ADVANCED JAVA	28	48	3
15VV1A1257	RT31126	ADVANCED JAVA LAB	20	40	2
15VV1A1257	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	47	2
15VV1A1257	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	42	2
15VV1A3101	MT311	INDUSTRIAL MANAGEMENT	23	55	3
15VV1A3101	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	19	49	3
15VV1A3101	MT313	FUELS FURNACES AND REFRACTORIES	26	40	3
15VV1A3101	MT314	FOUNDRY TECHNOLOGY	18	50	3
15VV1A3101	MT315	IRON PRODUCTION	24	36	3
15VV1A3101	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	36	3
15VV1A3101	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	40	2
15VV1A3101	MT318	FOUNDRY TECHNOLOGY LAB	17	35	2
15VV1A3102	MT311	INDUSTRIAL MANAGEMENT	19	45	3
15VV1A3102	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	20	38	3
15VV1A3102	MT313	FUELS FURNACES AND REFRACTORIES	25	43	3
15VV1A3102	MT314	FOUNDRY TECHNOLOGY	10	42	3
15VV1A3102	MT315	IRON PRODUCTION	16	24	3
15VV1A3102	MT316	NON FERROUS EXTRACTIVE METALLURGY	16	24	3
15VV1A3102	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	44	2
15VV1A3102	MT318	FOUNDRY TECHNOLOGY LAB	16	33	2
15VV1A3103	MT311	INDUSTRIAL MANAGEMENT	22	46	3
15VV1A3103	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	21	42	3
15VV1A3103	MT313	FUELS FURNACES AND REFRACTORIES	14	37	3
15VV1A3103	MT314	FOUNDRY TECHNOLOGY	19	37	3
15VV1A3103	MT315	IRON PRODUCTION	18	15	0
15VV1A3103	MT316	NON FERROUS EXTRACTIVE METALLURGY	10	30	3
15VV1A3103	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	37	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3103	MT318	FOUNDRY TECHNOLOGY LAB	19	38	2
15VV1A3104	MT311	INDUSTRIAL MANAGEMENT	25	55	3
15VV1A3104	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	24	34	3
15VV1A3104	MT313	FUELS FURNACES AND REFRACTORIES	24	50	3
15VV1A3104	MT314	FOUNDRY TECHNOLOGY	19	46	3
15VV1A3104	MT315	IRON PRODUCTION	18	34	3
15VV1A3104	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	34	3
15VV1A3104	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	43	2
15VV1A3104	MT318	FOUNDRY TECHNOLOGY LAB	17	35	2
15VV1A3105	MT311	INDUSTRIAL MANAGEMENT	23	56	3
15VV1A3105	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	36	3
15VV1A3105	MT313	FUELS FURNACES AND REFRACTORIES	25	48	3
15VV1A3105	MT314	FOUNDRY TECHNOLOGY	16	36	3
15VV1A3105	MT315	IRON PRODUCTION	16	24	3
15VV1A3105	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	24	3
15VV1A3105	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	42	2
15VV1A3105	MT318	FOUNDRY TECHNOLOGY LAB	18	33	2
15VV1A3106	MT311	INDUSTRIAL MANAGEMENT	24	60	3
15VV1A3106	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	58	3
15VV1A3106	MT313	FUELS FURNACES AND REFRACTORIES	28	52	3
15VV1A3106	MT314	FOUNDRY TECHNOLOGY	28	40	3
15VV1A3106	MT315	IRON PRODUCTION	28	50	3
15VV1A3106	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	44	3
15VV1A3106	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	47	2
15VV1A3106	MT318	FOUNDRY TECHNOLOGY LAB	22	45	2
15VV1A3107	MT311	INDUSTRIAL MANAGEMENT	25	53	3
15VV1A3107	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	46	3
15VV1A3107	MT313	FUELS FURNACES AND REFRACTORIES	27	60	3
15VV1A3107	MT314	FOUNDRY TECHNOLOGY	24	46	3
15VV1A3107	MT315	IRON PRODUCTION	25	42	3
15VV1A3107	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	43	3
15VV1A3107	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	45	2
15VV1A3107	MT318	FOUNDRY TECHNOLOGY LAB	21	41	2
15VV1A3108	MT311	INDUSTRIAL MANAGEMENT	24	57	3
15VV1A3108	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	25	47	3
15VV1A3108	MT313	FUELS FURNACES AND REFRACTORIES	26	50	3
15VV1A3108	MT314	FOUNDRY TECHNOLOGY	22	50	3
15VV1A3108	MT315	IRON PRODUCTION	23	46	3
15VV1A3108	MT316	NON FERROUS EXTRACTIVE METALLURGY	22	35	3
15VV1A3108	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	44	2
15VV1A3108	MT318	FOUNDRY TECHNOLOGY LAB	20	43	2
15VV1A3109	MT311	INDUSTRIAL MANAGEMENT	26	61	3
15VV1A3109	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	29	50	3
15VV1A3109	MT313	FUELS FURNACES AND REFRACTORIES	26	58	3
15VV1A3109	MT314	FOUNDRY TECHNOLOGY	27	60	3
15VV1A3109	MT315	IRON PRODUCTION	25	53	3
15VV1A3109	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	50	3
15VV1A3109	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	46	2
15VV1A3109	MT318	FOUNDRY TECHNOLOGY LAB	20	44	2
15VV1A3110	MT311	INDUSTRIAL MANAGEMENT	23	59	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3110	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	38	3
15VV1A3110	MT313	FUELS FURNACES AND REFRACTORIES	26	58	3
15VV1A3110	MT314	FOUNDRY TECHNOLOGY	23	48	3
15VV1A3110	MT315	IRON PRODUCTION	22	44	3
15VV1A3110	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	42	3
15VV1A3110	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	44	2
15VV1A3110	MT318	FOUNDRY TECHNOLOGY LAB	18	41	2
15VV1A3111	MT311	INDUSTRIAL MANAGEMENT	20	49	3
15VV1A3111	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	15	43	3
15VV1A3111	MT313	FUELS FURNACES AND REFRACTORIES	21	54	3
15VV1A3111	MT314	FOUNDRY TECHNOLOGY	13	40	3
15VV1A3111	MT315	IRON PRODUCTION	18	29	3
15VV1A3111	MT316	NON FERROUS EXTRACTIVE METALLURGY	22	33	3
15VV1A3111	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	36	2
15VV1A3111	MT318	FOUNDRY TECHNOLOGY LAB	16	36	2
15VV1A3112	MT311	INDUSTRIAL MANAGEMENT	25	61	3
15VV1A3112	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	51	3
15VV1A3112	MT313	FUELS FURNACES AND REFRACTORIES	23	54	3
15VV1A3112	MT314	FOUNDRY TECHNOLOGY	20	48	3
15VV1A3112	MT315	IRON PRODUCTION	22	41	3
15VV1A3112	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	24	3
15VV1A3112	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	41	2
15VV1A3112	MT318	FOUNDRY TECHNOLOGY LAB	21	42	2
15VV1A3114	MT311	INDUSTRIAL MANAGEMENT	23	53	3
15VV1A3114	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	28	55	3
15VV1A3114	MT313	FUELS FURNACES AND REFRACTORIES	24	48	3
15VV1A3114	MT314	FOUNDRY TECHNOLOGY	26	48	3
15VV1A3114	MT315	IRON PRODUCTION	22	39	3
15VV1A3114	MT316	NON FERROUS EXTRACTIVE METALLURGY	20	36	3
15VV1A3114	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	44	2
15VV1A3114	MT318	FOUNDRY TECHNOLOGY LAB	23	43	2
15VV1A3115	MT311	INDUSTRIAL MANAGEMENT	25	50	3
15VV1A3115	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	28	52	3
15VV1A3115	MT313	FUELS FURNACES AND REFRACTORIES	27	50	3
15VV1A3115	MT314	FOUNDRY TECHNOLOGY	27	38	3
15VV1A3115	MT315	IRON PRODUCTION	27	49	3
15VV1A3115	MT316	NON FERROUS EXTRACTIVE METALLURGY	26	44	3
15VV1A3115	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	46	2
15VV1A3115	MT318	FOUNDRY TECHNOLOGY LAB	23	41	2
15VV1A3116	MT311	INDUSTRIAL MANAGEMENT	20	44	3
15VV1A3116	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	38	3
15VV1A3116	MT313	FUELS FURNACES AND REFRACTORIES	17	47	3
15VV1A3116	MT314	FOUNDRY TECHNOLOGY	12	43	3
15VV1A3116	MT315	IRON PRODUCTION	19	34	3
15VV1A3116	MT316	NON FERROUS EXTRACTIVE METALLURGY	20	24	3
15VV1A3116	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	40	2
15VV1A3116	MT318	FOUNDRY TECHNOLOGY LAB	17	31	2
15VV1A3117	MT311	INDUSTRIAL MANAGEMENT	23	55	3
15VV1A3117	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	18	47	3
15VV1A3117	MT313	FUELS FURNACES AND REFRACTORIES	19	54	3



Htno	Subcode	Subname	Internal	External	Credits
15VV1A3117	MT314	FOUNDRY TECHNOLOGY	17	42	3
15VV1A3117	MT315	IRON PRODUCTION	17	28	3
15VV1A3117	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	32	3
15VV1A3117	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	39	2
15VV1A3117	MT318	FOUNDRY TECHNOLOGY LAB	18	35	2
15VV1A3118	MT311	INDUSTRIAL MANAGEMENT	23	49	3
15VV1A3118	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	25	47	3
15VV1A3118	MT313	FUELS FURNACES AND REFRACTORIES	26	46	3
15VV1A3118	MT314	FOUNDRY TECHNOLOGY	19	48	3
15VV1A3118	MT315	IRON PRODUCTION	19	38	3
15VV1A3118	MT316	NON FERROUS EXTRACTIVE METALLURGY	20	35	3
15VV1A3118	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	45	2
15VV1A3118	MT318	FOUNDRY TECHNOLOGY LAB	21	38	2
15VV1A3119	MT311	INDUSTRIAL MANAGEMENT	18	48	3
15VV1A3119	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	14	42	3
15VV1A3119	MT313	FUELS FURNACES AND REFRACTORIES	22	49	3
15VV1A3119	MT314	FOUNDRY TECHNOLOGY	14	45	3
15VV1A3119	MT315	IRON PRODUCTION	15	25	3
15VV1A3119	MT316	NON FERROUS EXTRACTIVE METALLURGY	22	17	0
15VV1A3119	MT317	FUELS FURNACES AND REFRACTORIES LAB	18	35	2
15VV1A3119	MT318	FOUNDRY TECHNOLOGY LAB	14	35	2
15VV1A3120	MT311	INDUSTRIAL MANAGEMENT	24	53	3
15VV1A3120	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	26	47	3
15VV1A3120	MT313	FUELS FURNACES AND REFRACTORIES	26	40	3
15VV1A3120	MT314	FOUNDRY TECHNOLOGY	16	42	3
15VV1A3120	MT315	IRON PRODUCTION	20	35	3
15VV1A3120	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	34	3
15VV1A3120	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	44	2
15VV1A3120	MT318	FOUNDRY TECHNOLOGY LAB	20	41	2
15VV1A3121	MT311	INDUSTRIAL MANAGEMENT	21	49	3
15VV1A3121	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	24	51	3
15VV1A3121	MT313	FUELS FURNACES AND REFRACTORIES	16	50	3
15VV1A3121	MT314	FOUNDRY TECHNOLOGY	14	48	3
15VV1A3121	MT315	IRON PRODUCTION	20	34	3
15VV1A3121	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	31	3
15VV1A3121	MT317	FUELS FURNACES AND REFRACTORIES LAB	19	35	2
15VV1A3121	MT318	FOUNDRY TECHNOLOGY LAB	20	31	2
15VV1A3122	MT311	INDUSTRIAL MANAGEMENT	21	50	3
15VV1A3122	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	48	3
15VV1A3122	MT313	FUELS FURNACES AND REFRACTORIES	23	47	3
15VV1A3122	MT314	FOUNDRY TECHNOLOGY	13	48	3
15VV1A3122	MT315	IRON PRODUCTION	19	24	3
15VV1A3122	MT316	NON FERROUS EXTRACTIVE METALLURGY	19	32	3
15VV1A3122	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	40	2
15VV1A3122	MT318	FOUNDRY TECHNOLOGY LAB	14	33	2
15VV1A3123	MT311	INDUSTRIAL MANAGEMENT	18	48	3
15VV1A3123	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	10	44	3
15VV1A3123	MT313	FUELS FURNACES AND REFRACTORIES	21	45	3
15VV1A3123	MT314	FOUNDRY TECHNOLOGY	12	37	3
15VV1A3123	MT315	IRON PRODUCTION	13	27	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3123	MT316	NON FERROUS EXTRACTIVE METALLURGY	15	15	0
15VV1A3123	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	35	2
15VV1A3123	MT318	FOUNDRY TECHNOLOGY LAB	18	35	2
15VV1A3124	MT311	INDUSTRIAL MANAGEMENT	24	46	3
15VV1A3124	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	22	52	3
15VV1A3124	MT313	FUELS FURNACES AND REFRACTORIES	25	40	3
15VV1A3124	MT314	FOUNDRY TECHNOLOGY	18	42	3
15VV1A3124	MT315	IRON PRODUCTION	20	28	3
15VV1A3124	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	24	3
15VV1A3124	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	43	2
15VV1A3124	MT318	FOUNDRY TECHNOLOGY LAB	19	38	2
15VV1A3125	MT311	INDUSTRIAL MANAGEMENT	25	50	3
15VV1A3125	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	20	56	3
15VV1A3125	MT313	FUELS FURNACES AND REFRACTORIES	23	56	3
15VV1A3125	MT314	FOUNDRY TECHNOLOGY	12	44	3
15VV1A3125	MT315	IRON PRODUCTION	21	28	3
15VV1A3125	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	24	3
15VV1A3125	MT317	FUELS FURNACES AND REFRACTORIES LAB	23	45	2
15VV1A3125	MT318	FOUNDRY TECHNOLOGY LAB	23	36	2
15VV1A3126	MT311	INDUSTRIAL MANAGEMENT	23	54	3
15VV1A3126	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	26	52	3
15VV1A3126	MT313	FUELS FURNACES AND REFRACTORIES	26	52	3
15VV1A3126	MT314	FOUNDRY TECHNOLOGY	24	48	3
15VV1A3126	MT315	IRON PRODUCTION	27	45	3
15VV1A3126	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	42	3
15VV1A3126	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	43	2
15VV1A3126	MT318	FOUNDRY TECHNOLOGY LAB	18	40	2
15VV1A3127	MT311	INDUSTRIAL MANAGEMENT	22	39	3
15VV1A3127	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	14	30	3
15VV1A3127	MT313	FUELS FURNACES AND REFRACTORIES	19	36	3
15VV1A3127	MT314	FOUNDRY TECHNOLOGY	8	38	3
15VV1A3127	MT315	IRON PRODUCTION	15	14	0
15VV1A3127	MT316	NON FERROUS EXTRACTIVE METALLURGY	17	6	0
15VV1A3127	MT317	FUELS FURNACES AND REFRACTORIES LAB	19	35	2
15VV1A3127	MT318	FOUNDRY TECHNOLOGY LAB	19	30	2
15VV1A3128	MT311	INDUSTRIAL MANAGEMENT	19	47	3
15VV1A3128	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	34	3
15VV1A3128	MT313	FUELS FURNACES AND REFRACTORIES	24	37	3
15VV1A3128	MT314	FOUNDRY TECHNOLOGY	12	35	3
15VV1A3128	MT315	IRON PRODUCTION	16	27	3
15VV1A3128	MT316	NON FERROUS EXTRACTIVE METALLURGY	22	24	3
15VV1A3128	MT317	FUELS FURNACES AND REFRACTORIES LAB	20	40	2
15VV1A3128	MT318	FOUNDRY TECHNOLOGY LAB	16	35	2
15VV1A3129	MT311	INDUSTRIAL MANAGEMENT	19	47	3
15VV1A3129	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	22	24	3
15VV1A3129	MT313	FUELS FURNACES AND REFRACTORIES	21	50	3
15VV1A3129	MT314	FOUNDRY TECHNOLOGY	15	44	3
15VV1A3129	MT315	IRON PRODUCTION	15	27	3
15VV1A3129	MT316	NON FERROUS EXTRACTIVE METALLURGY	21	24	3
15VV1A3129	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	41	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3129	MT318	FOUNDRY TECHNOLOGY LAB	16	38	2
15VV1A3130	MT311	INDUSTRIAL MANAGEMENT	23	52	3
15VV1A3130	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	23	37	3
15VV1A3130	MT313	FUELS FURNACES AND REFRACTORIES	23	48	3
15VV1A3130	MT314	FOUNDRY TECHNOLOGY	18	56	3
15VV1A3130	MT315	IRON PRODUCTION	20	34	3
15VV1A3130	MT316	NON FERROUS EXTRACTIVE METALLURGY	20	41	3
15VV1A3130	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	42	2
15VV1A3130	MT318	FOUNDRY TECHNOLOGY LAB	16	41	2
15VV5A0566	RT31051	COMPILER DESIGN	13	24	0
15VV5A0566	RT31052	DATA COMMUNICATION	19	24	3
15VV5A0566	RT31054	DATABASE MANAGEMENT SYSTEMS	7	26	0
15VV5A0566	RT31055	OPERATING SYSTEMS	3	28	0
15VV5A0566	RT31056	COMPILER DESIGN LAB	10	32	2
16VV5A0131	RT31011	GEOTECHNICAL ENGINEERING - I	28	66	3
16VV5A0131	RT31012	STRUCTURAL ANALYSIS - II	26	57	3
16VV5A0131	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	29	60	3
16VV5A0131	RT31014	ENGINEERING GEOLOGY	24	61	3
16VV5A0131	RT31015	TRANSPORTATION ENGINEERING - I	26	63	3
16VV5A0131	RT31016	IPR & PATENTS	28	44	3
16VV5A0131	RT31017	GEOTECHNICAL ENGINEERING LAB	25	47	2
16VV5A0131	RT31018	ENGINEERING GEOLOGY LAB	22	47	2
16VV5A0132	RT31011	GEOTECHNICAL ENGINEERING - I	27	54	3
16VV5A0132	RT31012	STRUCTURAL ANALYSIS - II	28	65	3
16VV5A0132	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	30	66	3
16VV5A0132	RT31014	ENGINEERING GEOLOGY	23	58	3
16VV5A0132	RT31015	TRANSPORTATION ENGINEERING - I	24	66	3
16VV5A0132	RT31016	IPR & PATENTS	27	43	3
16VV5A0132	RT31017	GEOTECHNICAL ENGINEERING LAB	23	48	2
16VV5A0132	RT31018	ENGINEERING GEOLOGY LAB	24	47	2
16VV5A0133	RT31011	GEOTECHNICAL ENGINEERING - I	25	45	3
16VV5A0133	RT31012	STRUCTURAL ANALYSIS - II	24	49	3
16VV5A0133	RT31013	DESIGN AND DRAWING OF REINFORCED CONCRETE S	27	52	3
16VV5A0133	RT31014	ENGINEERING GEOLOGY	19	43	3
16VV5A0133	RT31015	TRANSPORTATION ENGINEERING - I	18	59	3
16VV5A0133	RT31016	IPR & PATENTS	23	35	3
16VV5A0133	RT31017	GEOTECHNICAL ENGINEERING LAB	22	45	2
16VV5A0133	RT31018	ENGINEERING GEOLOGY LAB	19	47	2
16VV5A0261	RT31016	IPR & PATENTS	20	40	3
16VV5A0261	RT31021	ELECTRICAL MEASUREMENTS	26	35	3
16VV5A0261	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	39	3
16VV5A0261	RT31023	POWER SYSTEMS - II	11	42	3
16VV5A0261	RT31024	ELECTRICAL MACHINES - III	22	39	3
16VV5A0261	RT31025	POWER ELECTRONICS	18	48	3
16VV5A0261	RT31026	LINEAR & DIGITAL IC APPLICATIONS	16	30	3
16VV5A0261	RT31027	ELECTRICAL MACHINES - II LAB	22	42	2
16VV5A0261	RT31028	CONTROL SYSTEMS LAB	21	37	2
16VV5A0262	RT31016	IPR & PATENTS	21	47	3
16VV5A0262	RT31021	ELECTRICAL MEASUREMENTS	29	54	3
16VV5A0262	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	29	46	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0262	RT31023	POWER SYSTEMS - II	23	50	3
16VV5A0262	RT31024	ELECTRICAL MACHINES - III	28	62	3
16VV5A0262	RT31025	POWER ELECTRONICS	27	62	3
16VV5A0262	RT31026	LINEAR & DIGITAL IC APPLICATIONS	24	40	3
16VV5A0262	RT31027	ELECTRICAL MACHINES - II LAB	20	47	2
16VV5A0262	RT31028	CONTROL SYSTEMS LAB	23	40	2
16VV5A0263	RT31016	IPR & PATENTS	22	41	3
16VV5A0263	RT31021	ELECTRICAL MEASUREMENTS	24	44	3
16VV5A0263	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	47	3
16VV5A0263	RT31023	POWER SYSTEMS - II	16	49	3
16VV5A0263	RT31024	ELECTRICAL MACHINES - III	28	54	3
16VV5A0263	RT31025	POWER ELECTRONICS	27	53	3
16VV5A0263	RT31026	LINEAR & DIGITAL IC APPLICATIONS	26	48	3
16VV5A0263	RT31027	ELECTRICAL MACHINES - II LAB	24	47	2
16VV5A0263	RT31028	CONTROL SYSTEMS LAB	23	37	2
16VV5A0264	RT31016	IPR & PATENTS	23	39	3
16VV5A0264	RT31021	ELECTRICAL MEASUREMENTS	29	53	3
16VV5A0264	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	48	3
16VV5A0264	RT31023	POWER SYSTEMS - II	24	49	3
16VV5A0264	RT31024	ELECTRICAL MACHINES - III	25	53	3
16VV5A0264	RT31025	POWER ELECTRONICS	30	57	3
16VV5A0264	RT31026	LINEAR & DIGITAL IC APPLICATIONS	23	40	3
16VV5A0264	RT31027	ELECTRICAL MACHINES - II LAB	23	45	2
16VV5A0264	RT31028	CONTROL SYSTEMS LAB	23	39	2
16VV5A0265	RT31016	IPR & PATENTS	24	40	3
16VV5A0265	RT31021	ELECTRICAL MEASUREMENTS	26	35	3
16VV5A0265	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	20	40	3
16VV5A0265	RT31023	POWER SYSTEMS - II	10	42	3
16VV5A0265	RT31024	ELECTRICAL MACHINES - III	19	36	3
16VV5A0265	RT31025	POWER ELECTRONICS	17	32	3
16VV5A0265	RT31026	LINEAR & DIGITAL IC APPLICATIONS	10	19	0
16VV5A0265	RT31027	ELECTRICAL MACHINES - II LAB	21	36	2
16VV5A0265	RT31028	CONTROL SYSTEMS LAB	23	43	2
16VV5A0266	RT31016	IPR & PATENTS	22	45	3
16VV5A0266	RT31021	ELECTRICAL MEASUREMENTS	29	59	3
16VV5A0266	RT31022	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	28	41	3
16VV5A0266	RT31023	POWER SYSTEMS - II	26	51	3
16VV5A0266	RT31024	ELECTRICAL MACHINES - III	28	65	3
16VV5A0266	RT31025	POWER ELECTRONICS	28	47	3
16VV5A0266	RT31026	LINEAR & DIGITAL IC APPLICATIONS	29	45	3
16VV5A0266	RT31027	ELECTRICAL MACHINES - II LAB	23	47	2
16VV5A0266	RT31028	CONTROL SYSTEMS LAB	23	42	2
16VV5A0361	RT31016	IPR & PATENTS	25	45	3
16VV5A0361	RT31031	DYNAMICS OF MACHINERY	27	49	3
16VV5A0361	RT31032	METAL CUTTING & MACHINE TOOLS	29	48	3
16VV5A0361	RT31033	DESIGN OF MACHINE MEMBERS - I	26	47	3
16VV5A0361	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	24	57	3
16VV5A0361	RT31035	THERMAL ENGINEERING - II	28	49	3
16VV5A0361	RT31036	METROLOGY	27	44	3
16VV5A0361	RT31037	METROLOGY & INSTRUMENTATION LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0361	RT31038	MACHINE TOOLS LAB	22	48	2
16VV5A0362	RT31016	IPR & PATENTS	24	42	3
16VV5A0362	RT31031	DYNAMICS OF MACHINERY	22	40	3
16VV5A0362	RT31032	METAL CUTTING & MACHINE TOOLS	25	41	3
16VV5A0362	RT31033	DESIGN OF MACHINE MEMBERS - I	24	44	3
16VV5A0362	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	20	47	3
16VV5A0362	RT31035	THERMAL ENGINEERING - II	23	51	3
16VV5A0362	RT31036	METROLOGY	25	44	3
16VV5A0362	RT31037	METROLOGY & INSTRUMENTATION LAB	23	45	2
16VV5A0362	RT31038	MACHINE TOOLS LAB	22	46	2
16VV5A0363	RT31016	IPR & PATENTS	24	41	3
16VV5A0363	RT31031	DYNAMICS OF MACHINERY	25	30	3
16VV5A0363	RT31032	METAL CUTTING & MACHINE TOOLS	29	46	3
16VV5A0363	RT31033	DESIGN OF MACHINE MEMBERS - I	24	41	3
16VV5A0363	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	19	51	3
16VV5A0363	RT31035	THERMAL ENGINEERING - II	26	34	3
16VV5A0363	RT31036	METROLOGY	25	45	3
16VV5A0363	RT31037	METROLOGY & INSTRUMENTATION LAB	23	47	2
16VV5A0363	RT31038	MACHINE TOOLS LAB	21	46	2
16VV5A0364	RT31016	IPR & PATENTS	20	43	3
16VV5A0364	RT31031	DYNAMICS OF MACHINERY	21	45	3
16VV5A0364	RT31032	METAL CUTTING & MACHINE TOOLS	26	40	3
16VV5A0364	RT31033	DESIGN OF MACHINE MEMBERS - I	22	36	3
16VV5A0364	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	17	48	3
16VV5A0364	RT31035	THERMAL ENGINEERING - II	26	37	3
16VV5A0364	RT31036	METROLOGY	26	52	3
16VV5A0364	RT31037	METROLOGY & INSTRUMENTATION LAB	22	46	2
16VV5A0364	RT31038	MACHINE TOOLS LAB	23	48	2
16VV5A0365	RT31016	IPR & PATENTS	22	46	3
16VV5A0365	RT31031	DYNAMICS OF MACHINERY	22	37	3
16VV5A0365	RT31032	METAL CUTTING & MACHINE TOOLS	23	47	3
16VV5A0365	RT31033	DESIGN OF MACHINE MEMBERS - I	22	41	3
16VV5A0365	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	18	50	3
16VV5A0365	RT31035	THERMAL ENGINEERING - II	21	33	3
16VV5A0365	RT31036	METROLOGY	24	50	3
16VV5A0365	RT31037	METROLOGY & INSTRUMENTATION LAB	23	44	2
16VV5A0365	RT31038	MACHINE TOOLS LAB	22	46	2
16VV5A0366	RT31016	IPR & PATENTS	23	47	3
16VV5A0366	RT31031	DYNAMICS OF MACHINERY	21	49	3
16VV5A0366	RT31032	METAL CUTTING & MACHINE TOOLS	28	44	3
16VV5A0366	RT31033	DESIGN OF MACHINE MEMBERS - I	23	43	3
16VV5A0366	RT31034	INSTRUMENTATION & CONTROL SYSTEMS	23	51	3
16VV5A0366	RT31035	THERMAL ENGINEERING - II	24	40	3
16VV5A0366	RT31036	METROLOGY	27	52	3
16VV5A0366	RT31037	METROLOGY & INSTRUMENTATION LAB	23	46	2
16VV5A0366	RT31038	MACHINE TOOLS LAB	24	48	2
16VV5A0461	RT31016	IPR & PATENTS	23	43	3
16VV5A0461	RT31041	PULSE & DIGITAL CIRCUITS	27	45	3
16VV5A0461	RT31042	LINEAR IC APPLICATIONS	26	40	3
16VV5A0461	RT31043	CONTROL SYSTEMS	24	47	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0461	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	27	3
16VV5A0461	RT31045	ANTENNAS AND WAVE PROPAGATION	23	39	3
16VV5A0461	RT31047	PULSE & DIGITAL CIRCUITS LAB	25	48	2
16VV5A0461	RT31048	LINEAR IC APPLICATIONS LAB	24	47	2
16VV5A0461	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	25	47	2
16VV5A0462	RT31016	IPR & PATENTS	19	42	3
16VV5A0462	RT31041	PULSE & DIGITAL CIRCUITS	23	26	3
16VV5A0462	RT31042	LINEAR IC APPLICATIONS	18	44	3
16VV5A0462	RT31043	CONTROL SYSTEMS	23	29	3
16VV5A0462	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	33	3
16VV5A0462	RT31045	ANTENNAS AND WAVE PROPAGATION	20	34	3
16VV5A0462	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	46	2
16VV5A0462	RT31048	LINEAR IC APPLICATIONS LAB	24	46	2
16VV5A0462	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	43	2
16VV5A0463	RT31016	IPR & PATENTS	24	43	3
16VV5A0463	RT31041	PULSE & DIGITAL CIRCUITS	22	35	3
16VV5A0463	RT31042	LINEAR IC APPLICATIONS	24	39	3
16VV5A0463	RT31043	CONTROL SYSTEMS	27	45	3
16VV5A0463	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	25	24	3
16VV5A0463	RT31045	ANTENNAS AND WAVE PROPAGATION	24	34	3
16VV5A0463	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
16VV5A0463	RT31048	LINEAR IC APPLICATIONS LAB	25	46	2
16VV5A0463	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	47	2
16VV5A0464	RT31016	IPR & PATENTS	23	45	3
16VV5A0464	RT31041	PULSE & DIGITAL CIRCUITS	23	36	3
16VV5A0464	RT31042	LINEAR IC APPLICATIONS	26	42	3
16VV5A0464	RT31043	CONTROL SYSTEMS	23	37	3
16VV5A0464	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	22	50	3
16VV5A0464	RT31045	ANTENNAS AND WAVE PROPAGATION	24	48	3
16VV5A0464	RT31047	PULSE & DIGITAL CIRCUITS LAB	24	47	2
16VV5A0464	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
16VV5A0464	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	39	2
16VV5A0465	RT31016	IPR & PATENTS	23	45	3
16VV5A0465	RT31041	PULSE & DIGITAL CIRCUITS	23	47	3
16VV5A0465	RT31042	LINEAR IC APPLICATIONS	26	43	3
16VV5A0465	RT31043	CONTROL SYSTEMS	27	38	3
16VV5A0465	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	23	27	3
16VV5A0465	RT31045	ANTENNAS AND WAVE PROPAGATION	26	35	3
16VV5A0465	RT31047	PULSE & DIGITAL CIRCUITS LAB	23	47	2
16VV5A0465	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
16VV5A0465	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	23	44	2
16VV5A0466	RT31016	IPR & PATENTS	20	39	3
16VV5A0466	RT31041	PULSE & DIGITAL CIRCUITS	20	24	3
16VV5A0466	RT31042	LINEAR IC APPLICATIONS	20	37	3
16VV5A0466	RT31043	CONTROL SYSTEMS	20	26	3
16VV5A0466	RT31044	DIGITAL SYSTEM DESIGN & DIGITAL IC APPLICAT	19	34	3
16VV5A0466	RT31045	ANTENNAS AND WAVE PROPAGATION	22	31	3
16VV5A0466	RT31047	PULSE & DIGITAL CIRCUITS LAB	21	47	2
16VV5A0466	RT31048	LINEAR IC APPLICATIONS LAB	24	45	2
16VV5A0466	RT31049	DIGITAL SYSTEM DESIGN & DICA LAB	22	38	2

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0561	RT31051	COMPILER DESIGN	21	31	3
16VV5A0561	RT31052	DATA COMMUNICATION	23	36	3
16VV5A0561	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	23	24	3
16VV5A0561	RT31054	DATABASE MANAGEMENT SYSTEMS	27	37	3
16VV5A0561	RT31055	OPERATING SYSTEMS	14	38	3
16VV5A0561	RT31056	COMPILER DESIGN LAB	16	25	2
16VV5A0561	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	11	11	0
16VV5A0561	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	27	2
16VV5A0562	RT31051	COMPILER DESIGN	25	51	3
16VV5A0562	RT31052	DATA COMMUNICATION	22	35	3
16VV5A0562	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	24	3
16VV5A0562	RT31054	DATABASE MANAGEMENT SYSTEMS	27	40	3
16VV5A0562	RT31055	OPERATING SYSTEMS	18	39	3
16VV5A0562	RT31056	COMPILER DESIGN LAB	24	50	2
16VV5A0562	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
16VV5A0562	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	46	2
16VV5A0563	RT31051	COMPILER DESIGN	16	25	3
16VV5A0563	RT31052	DATA COMMUNICATION	19	32	3
16VV5A0563	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	24	11	0
16VV5A0563	RT31054	DATABASE MANAGEMENT SYSTEMS	24	34	3
16VV5A0563	RT31055	OPERATING SYSTEMS	12	41	3
16VV5A0563	RT31056	COMPILER DESIGN LAB	12	40	2
16VV5A0563	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	12	20	2
16VV5A0563	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	32	2
16VV5A0564	RT31051	COMPILER DESIGN	17	38	3
16VV5A0564	RT31052	DATA COMMUNICATION	22	43	3
16VV5A0564	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	25	25	3
16VV5A0564	RT31054	DATABASE MANAGEMENT SYSTEMS	23	40	3
16VV5A0564	RT31055	OPERATING SYSTEMS	15	52	3
16VV5A0564	RT31056	COMPILER DESIGN LAB	12	23	2
16VV5A0564	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	12	9	0
16VV5A0564	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	23	26	2
16VV5A0565	RT31051	COMPILER DESIGN	24	38	3
16VV5A0565	RT31052	DATA COMMUNICATION	24	52	3
16VV5A0565	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	26	25	3
16VV5A0565	RT31054	DATABASE MANAGEMENT SYSTEMS	28	46	3
16VV5A0565	RT31055	OPERATING SYSTEMS	24	56	3
16VV5A0565	RT31056	COMPILER DESIGN LAB	24	46	2
16VV5A0565	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	46	2
16VV5A0565	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	25	48	2
16VV5A0566	RT31051	COMPILER DESIGN	26	64	3
16VV5A0566	RT31052	DATA COMMUNICATION	26	46	3
16VV5A0566	RT31053	PRINCIPLES OF PROGRAMMING LANGUAGES	29	24	3
16VV5A0566	RT31054	DATABASE MANAGEMENT SYSTEMS	27	44	3
16VV5A0566	RT31055	OPERATING SYSTEMS	22	54	3
16VV5A0566	RT31056	COMPILER DESIGN LAB	24	26	2
16VV5A0566	RT31057	OPERATING SYSTEM & LINUX PROGRAMMING LAB	20	42	2
16VV5A0566	RT31058	DATABASE MANAGEMENT SYSTEMS LAB	24	45	2
16VV5A1261	RT31052	DATA COMMUNICATION	19	38	3
16VV5A1261	RT31054	DATABASE MANAGEMENT SYSTEMS	22	35	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A1261	RT31055	OPERATING SYSTEMS	23	52	3
16VV5A1261	RT31121	SOFTWARE ENGINEERING	23	43	3
16VV5A1261	RT31123	ADVANCED JAVA	25	38	3
16VV5A1261	RT31126	ADVANCED JAVA LAB	18	41	2
16VV5A1261	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	44	2
16VV5A1261	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
16VV5A1262	RT31052	DATA COMMUNICATION	20	26	3
16VV5A1262	RT31054	DATABASE MANAGEMENT SYSTEMS	22	40	3
16VV5A1262	RT31055	OPERATING SYSTEMS	24	36	3
16VV5A1262	RT31121	SOFTWARE ENGINEERING	18	39	3
16VV5A1262	RT31123	ADVANCED JAVA	25	34	3
16VV5A1262	RT31126	ADVANCED JAVA LAB	19	40	2
16VV5A1262	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	46	2
16VV5A1262	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	40	2
16VV5A1263	RT31052	DATA COMMUNICATION	29	53	3
16VV5A1263	RT31054	DATABASE MANAGEMENT SYSTEMS	27	46	3
16VV5A1263	RT31055	OPERATING SYSTEMS	27	52	3
16VV5A1263	RT31121	SOFTWARE ENGINEERING	24	49	3
16VV5A1263	RT31123	ADVANCED JAVA	29	52	3
16VV5A1263	RT31126	ADVANCED JAVA LAB	21	45	2
16VV5A1263	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	24	48	2
16VV5A1263	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	23	49	2
16VV5A1264	RT31052	DATA COMMUNICATION	17	29	3
16VV5A1264	RT31054	DATABASE MANAGEMENT SYSTEMS	19	36	3
16VV5A1264	RT31055	OPERATING SYSTEMS	19	36	3
16VV5A1264	RT31121	SOFTWARE ENGINEERING	17	37	3
16VV5A1264	RT31123	ADVANCED JAVA	19	17	0
16VV5A1264	RT31126	ADVANCED JAVA LAB	18	37	2
16VV5A1264	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	22	42	2
16VV5A1264	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	38	2
16VV5A1265	RT31052	DATA COMMUNICATION	18	41	3
16VV5A1265	RT31054	DATABASE MANAGEMENT SYSTEMS	26	39	3
16VV5A1265	RT31055	OPERATING SYSTEMS	25	46	3
16VV5A1265	RT31121	SOFTWARE ENGINEERING	25	50	3
16VV5A1265	RT31123	ADVANCED JAVA	26	44	3
16VV5A1265	RT31126	ADVANCED JAVA LAB	24	44	2
16VV5A1265	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	25	50	2
16VV5A1265	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	22	49	2
16VV5A1266	RT31052	DATA COMMUNICATION	25	42	3
16VV5A1266	RT31054	DATABASE MANAGEMENT SYSTEMS	26	47	3
16VV5A1266	RT31055	OPERATING SYSTEMS	26	51	3
16VV5A1266	RT31121	SOFTWARE ENGINEERING	23	56	3
16VV5A1266	RT31123	ADVANCED JAVA	29	54	3
16VV5A1266	RT31126	ADVANCED JAVA LAB	23	43	2
16VV5A1266	RT31127	OPERATING SYSTEM & LINUX PROGRAMMING LAB	23	48	2
16VV5A1266	RT31128	DATABASE MANAGEMENT SYSTEMS LAB	20	49	2
16VV5A3131	MT311	INDUSTRIAL MANAGEMENT	25	51	3
16VV5A3131	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	49	3
16VV5A3131	MT313	FUELS FURNACES AND REFRACTORIES	26	52	3
16VV5A3131	MT314	FOUNDRY TECHNOLOGY	21	46	3



Htno	Subcode	Subname	Internal	External	Credits
16VV5A3131	MT315	IRON PRODUCTION	22	46	3
16VV5A3131	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	47	3
16VV5A3131	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	46	2
16VV5A3131	MT318	FOUNDRY TECHNOLOGY LAB	18	41	2
16VV5A3132	MT311	INDUSTRIAL MANAGEMENT	25	54	3
16VV5A3132	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	27	44	3
16VV5A3132	MT313	FUELS FURNACES AND REFRACTORIES	26	50	3
16VV5A3132	MT314	FOUNDRY TECHNOLOGY	24	50	3
16VV5A3132	MT315	IRON PRODUCTION	27	38	3
16VV5A3132	MT316	NON FERROUS EXTRACTIVE METALLURGY	23	36	3
16VV5A3132	MT317	FUELS FURNACES AND REFRACTORIES LAB	22	45	2
16VV5A3132	MT318	FOUNDRY TECHNOLOGY LAB	18	43	2
16VV5A3133	MT311	INDUSTRIAL MANAGEMENT	25	55	3
16VV5A3133	MT312	MATERIAL CHARACTERIZATION TECHNIQUES	25	53	3
16VV5A3133	MT313	FUELS FURNACES AND REFRACTORIES	19	54	3
16VV5A3133	MT314	FOUNDRY TECHNOLOGY	25	46	3
16VV5A3133	MT315	IRON PRODUCTION	24	53	3
16VV5A3133	MT316	NON FERROUS EXTRACTIVE METALLURGY	24	47	3
16VV5A3133	MT317	FUELS FURNACES AND REFRACTORIES LAB	21	37	2
16VV5A3133	MT318	FOUNDRY TECHNOLOGY LAB	22	45	2

Date:24-02-2018

*N. Mohan Rao*  
Controller of Examinations