



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of II B.Tech II Semester[R10,R13] Regular/Supplementary Examinations April/May-2017

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

Htno	Subcode	Subname	Internal	External	Credits
10VV1A1256	IT222	OOPS THROUGH JAVA	13	-1	0
11VV1A0309	ME222	MECHANICS OF SOLIDS	13	-1	0
11VV1A0309	ME223	THERMAL ENGINEERING-I	12	12	0
11VV1A0544	CS221	OOPS THROUGH JAVA	10	27	0
12VV1A0526	CS226	FORMAL LANGUAGES & AUTOMATA THEORY	5	-1	0
12VV1A3121	MT221	MECHANICS OF FLUIDS	0	-1	0
12VV1A3121	MT226	METALLURGICAL THERMODYNAMICS	0	36	0
13VV1A0242	RT22025	ELECTRICAL MACHINES-II	16	18	0
13VV1A0256	RT22025	ELECTRICAL MACHINES-II	9	27	0
13VV1A0258	RT22022	SWITCHING THEORY AND LOGIC DESIGN	17	13	0
13VV1A0258	RT22023	PULSE & DIGITAL CIRCUITS	20	0	0
13VV1A0258	RT22025	ELECTRICAL MACHINES-II	12	25	0
13VV1A0258	RT22026	CONTROL SYSTEMS	20	2	0
13VV1A0314	RT22032	THERMAL ENGINEERING -I	7	8	0
13VV1A0314	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	16	3	0
13VV1A0333	RT22031	KINEMATICS OF MACHINERY	10	36	3
13VV1A0333	RT22032	THERMAL ENGINEERING -I	8	45	3
13VV1A0333	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	12	32	3
13VV1A0352	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	11	24	0
13VV1A3125	RT22172	INSTRUMENTATION	12	24	0
13VV1A3125	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	10	16	0
13VV1A3125	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	12	38	3
14VV1A0302	RT22033	PRODUCTION TECHNOLOGY	10	35	3
14VV1A0302	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	12	-1	0
14VV1A0302	RT22035	MACHINE DRAWING	2	-1	0
14VV1A0305	RT22032	THERMAL ENGINEERING -I	10	26	0
14VV1A0316	RT22035	MACHINE DRAWING	3	-1	0
14VV1A0317	RT22031	KINEMATICS OF MACHINERY	8	38	3
14VV1A0317	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	17	31	3
14VV1A0334	RT22031	KINEMATICS OF MACHINERY	13	18	0
14VV1A0352	RT22032	THERMAL ENGINEERING -I	15	27	3
14VV1A0352	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	16	32	3
14VV1A0356	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	38	2
14VV1A0356	RT22031	KINEMATICS OF MACHINERY	26	41	3
14VV1A0356	RT22032	THERMAL ENGINEERING -I	21	42	3
14VV1A0356	RT22033	PRODUCTION TECHNOLOGY	22	50	3
14VV1A0356	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	24	38	3
14VV1A0356	RT22035	MACHINE DRAWING	29	49	3
14VV1A0356	RT22037	PRODUCTION TECHNOLOGY LAB	21	38	2
14VV1A0356	RT22038	THERMAL ENGINEERING LAB	22	34	2
14VV1A0441	RT22044	EM WAVES AND TRANSMISSION LINES	20	-1	0
14VV1A0457	RT22022	SWITCHING THEORY & LOGIC DESIGN	14	26	3
14VV1A0457	RT22044	EM WAVES AND TRANSMISSION LINES	15	27	3
14VV1A0529	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	8	38	3

Htno	Subcode	Subname	Internal	External	Credits
14VV1A3106	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	20	18	0
14VV1A3118	RT22171	MINERAL DRESSING	-1	-1	0
14VV1A3118	RT22172	INSTRUMENTATION	-1	-1	0
14VV1A3118	RT22173	METALLURGICAL ANALYSIS	-1	-1	0
14VV1A3118	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	-1	-1	0
14VV1A3118	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	-1	-1	0
14VV1A3118	RT22176	METALLURGICAL THERMODYNAMICS	-1	-1	0
14VV1A3118	RT22177	METALLURGICAL ANALYSIS LAB	-1	-1	0
14VV1A3118	RT22178	MINERAL DRESSING LAB	-1	-1	0
14VV1A3119	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	24	29	3
14VV1A3124	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	18	22	0
14VV1A3126	RT22172	INSTRUMENTATION	17	21	0
14VV1A3126	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	14	10	0
14VV5A0133	RT22013	STRENGTH OF MATERIALS- II	23	31	3
15VV1A0101	RT22011	BUILDING PLANNING & DRAWING	27	46	3
15VV1A0101	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	21	42	3
15VV1A0101	RT22013	STRENGTH OF MATERIALS- II	18	28	3
15VV1A0101	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	23	39	3
15VV1A0101	RT22015	CONCRETE TECHNOLOGY	22	38	3
15VV1A0101	RT22016	STRUCTURAL ANALYSIS - I	23	13	0
15VV1A0101	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	43	2
15VV1A0101	RT22018	CONCRETE TECHNOLOGY LAB	25	48	2
15VV1A0101	RT22019	SURVEYING FIELD WORK-II	24	47	2
15VV1A0102	RT22011	BUILDING PLANNING & DRAWING	28	46	3
15VV1A0102	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	29	52	3
15VV1A0102	RT22013	STRENGTH OF MATERIALS- II	22	33	3
15VV1A0102	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	24	49	3
15VV1A0102	RT22015	CONCRETE TECHNOLOGY	25	42	3
15VV1A0102	RT22016	STRUCTURAL ANALYSIS - I	26	28	3
15VV1A0102	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	48	2
15VV1A0102	RT22018	CONCRETE TECHNOLOGY LAB	25	47	2
15VV1A0102	RT22019	SURVEYING FIELD WORK-II	24	49	2
15VV1A0103	RT22011	BUILDING PLANNING & DRAWING	27	41	3
15VV1A0103	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	24	41	3
15VV1A0103	RT22013	STRENGTH OF MATERIALS- II	27	41	3
15VV1A0103	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	25	42	3
15VV1A0103	RT22015	CONCRETE TECHNOLOGY	27	42	3
15VV1A0103	RT22016	STRUCTURAL ANALYSIS - I	28	52	3
15VV1A0103	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	45	2
15VV1A0103	RT22018	CONCRETE TECHNOLOGY LAB	25	48	2
15VV1A0103	RT22019	SURVEYING FIELD WORK-II	24	48	2
15VV1A0104	RT22011	BUILDING PLANNING & DRAWING	29	57	3
15VV1A0104	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	49	3
15VV1A0104	RT22013	STRENGTH OF MATERIALS- II	25	30	3
15VV1A0104	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	25	50	3
15VV1A0104	RT22015	CONCRETE TECHNOLOGY	29	49	3
15VV1A0104	RT22016	STRUCTURAL ANALYSIS - I	30	44	3
15VV1A0104	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	48	2
15VV1A0104	RT22018	CONCRETE TECHNOLOGY LAB	24	50	2
15VV1A0104	RT22019	SURVEYING FIELD WORK-II	25	49	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0105	RT22011	BUILDING PLANNING & DRAWING	30	51	3
15VV1A0105	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	26	47	3
15VV1A0105	RT22013	STRENGTH OF MATERIALS- II	22	37	3
15VV1A0105	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	23	46	3
15VV1A0105	RT22015	CONCRETE TECHNOLOGY	27	34	3
15VV1A0105	RT22016	STRUCTURAL ANALYSIS - I	25	38	3
15VV1A0105	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	46	2
15VV1A0105	RT22018	CONCRETE TECHNOLOGY LAB	25	48	2
15VV1A0105	RT22019	SURVEYING FIELD WORK-II	24	49	2
15VV1A0106	RT22011	BUILDING PLANNING & DRAWING	29	50	3
15VV1A0106	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	29	58	3
15VV1A0106	RT22013	STRENGTH OF MATERIALS- II	24	47	3
15VV1A0106	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	22	45	3
15VV1A0106	RT22015	CONCRETE TECHNOLOGY	27	48	3
15VV1A0106	RT22016	STRUCTURAL ANALYSIS - I	30	35	3
15VV1A0106	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	45	2
15VV1A0106	RT22018	CONCRETE TECHNOLOGY LAB	25	50	2
15VV1A0106	RT22019	SURVEYING FIELD WORK-II	25	49	2
15VV1A0107	RT22011	BUILDING PLANNING & DRAWING	25	45	3
15VV1A0107	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	22	28	3
15VV1A0107	RT22013	STRENGTH OF MATERIALS- II	22	24	3
15VV1A0107	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	20	29	3
15VV1A0107	RT22015	CONCRETE TECHNOLOGY	23	35	3
15VV1A0107	RT22016	STRUCTURAL ANALYSIS - I	24	17	0
15VV1A0107	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	44	2
15VV1A0107	RT22018	CONCRETE TECHNOLOGY LAB	24	47	2
15VV1A0107	RT22019	SURVEYING FIELD WORK-II	24	47	2
15VV1A0109	RT22011	BUILDING PLANNING & DRAWING	30	47	3
15VV1A0109	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	44	3
15VV1A0109	RT22013	STRENGTH OF MATERIALS- II	27	50	3
15VV1A0109	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	24	52	3
15VV1A0109	RT22015	CONCRETE TECHNOLOGY	27	49	3
15VV1A0109	RT22016	STRUCTURAL ANALYSIS - I	26	41	3
15VV1A0109	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	49	2
15VV1A0109	RT22018	CONCRETE TECHNOLOGY LAB	25	49	2
15VV1A0109	RT22019	SURVEYING FIELD WORK-II	25	50	2
15VV1A0110	RT22011	BUILDING PLANNING & DRAWING	26	47	3
15VV1A0110	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	21	24	3
15VV1A0110	RT22013	STRENGTH OF MATERIALS- II	23	29	3
15VV1A0110	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	24	33	3
15VV1A0110	RT22015	CONCRETE TECHNOLOGY	27	34	3
15VV1A0110	RT22016	STRUCTURAL ANALYSIS - I	23	15	0
15VV1A0110	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	42	2
15VV1A0110	RT22018	CONCRETE TECHNOLOGY LAB	24	48	2
15VV1A0110	RT22019	SURVEYING FIELD WORK-II	23	48	2
15VV1A0111	RT22011	BUILDING PLANNING & DRAWING	28	54	3
15VV1A0111	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	54	3
15VV1A0111	RT22013	STRENGTH OF MATERIALS- II	26	46	3
15VV1A0111	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	25	54	3
15VV1A0111	RT22015	CONCRETE TECHNOLOGY	28	50	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0111	RT22016	STRUCTURAL ANALYSIS - I	30	45	3
15VV1A0111	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	25	50	2
15VV1A0111	RT22018	CONCRETE TECHNOLOGY LAB	24	49	2
15VV1A0111	RT22019	SURVEYING FIELD WORK-II	24	50	2
15VV1A0112	RT22011	BUILDING PLANNING & DRAWING	30	53	3
15VV1A0112	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	25	51	3
15VV1A0112	RT22013	STRENGTH OF MATERIALS- II	24	38	3
15VV1A0112	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	24	43	3
15VV1A0112	RT22015	CONCRETE TECHNOLOGY	26	35	3
15VV1A0112	RT22016	STRUCTURAL ANALYSIS - I	29	39	3
15VV1A0112	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	48	2
15VV1A0112	RT22018	CONCRETE TECHNOLOGY LAB	24	47	2
15VV1A0112	RT22019	SURVEYING FIELD WORK-II	25	49	2
15VV1A0113	RT22011	BUILDING PLANNING & DRAWING	29	48	3
15VV1A0113	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	24	49	3
15VV1A0113	RT22013	STRENGTH OF MATERIALS- II	18	25	3
15VV1A0113	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	21	37	3
15VV1A0113	RT22015	CONCRETE TECHNOLOGY	25	38	3
15VV1A0113	RT22016	STRUCTURAL ANALYSIS - I	29	36	3
15VV1A0113	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	48	2
15VV1A0113	RT22018	CONCRETE TECHNOLOGY LAB	25	48	2
15VV1A0113	RT22019	SURVEYING FIELD WORK-II	25	47	2
15VV1A0114	RT22011	BUILDING PLANNING & DRAWING	30	43	3
15VV1A0114	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	49	3
15VV1A0114	RT22013	STRENGTH OF MATERIALS- II	27	39	3
15VV1A0114	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	21	53	3
15VV1A0114	RT22015	CONCRETE TECHNOLOGY	26	43	3
15VV1A0114	RT22016	STRUCTURAL ANALYSIS - I	30	39	3
15VV1A0114	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	24	50	2
15VV1A0114	RT22018	CONCRETE TECHNOLOGY LAB	25	48	2
15VV1A0114	RT22019	SURVEYING FIELD WORK-II	25	47	2
15VV1A0115	RT22011	BUILDING PLANNING & DRAWING	30	58	3
15VV1A0115	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	29	56	3
15VV1A0115	RT22013	STRENGTH OF MATERIALS- II	28	40	3
15VV1A0115	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	27	55	3
15VV1A0115	RT22015	CONCRETE TECHNOLOGY	28	44	3
15VV1A0115	RT22016	STRUCTURAL ANALYSIS - I	30	44	3
15VV1A0115	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	25	50	2
15VV1A0115	RT22018	CONCRETE TECHNOLOGY LAB	25	49	2
15VV1A0115	RT22019	SURVEYING FIELD WORK-II	25	48	2
15VV1A0117	RT22011	BUILDING PLANNING & DRAWING	28	44	3
15VV1A0117	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	23	38	3
15VV1A0117	RT22013	STRENGTH OF MATERIALS- II	23	29	3
15VV1A0117	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	19	46	3
15VV1A0117	RT22015	CONCRETE TECHNOLOGY	29	39	3
15VV1A0117	RT22016	STRUCTURAL ANALYSIS - I	30	33	3
15VV1A0117	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	46	2
15VV1A0117	RT22018	CONCRETE TECHNOLOGY LAB	24	47	2
15VV1A0117	RT22019	SURVEYING FIELD WORK-II	22	48	2
15VV1A0119	RT22011	BUILDING PLANNING & DRAWING	28	46	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0119	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	25	38	3
15VV1A0119	RT22013	STRENGTH OF MATERIALS- II	24	24	3
15VV1A0119	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	20	35	3
15VV1A0119	RT22015	CONCRETE TECHNOLOGY	27	39	3
15VV1A0119	RT22016	STRUCTURAL ANALYSIS - I	29	24	3
15VV1A0119	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	46	2
15VV1A0119	RT22018	CONCRETE TECHNOLOGY LAB	25	47	2
15VV1A0119	RT22019	SURVEYING FIELD WORK-II	24	48	2
15VV1A0120	RT22011	BUILDING PLANNING & DRAWING	30	53	3
15VV1A0120	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	42	3
15VV1A0120	RT22013	STRENGTH OF MATERIALS- II	26	47	3
15VV1A0120	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	25	51	3
15VV1A0120	RT22015	CONCRETE TECHNOLOGY	24	35	3
15VV1A0120	RT22016	STRUCTURAL ANALYSIS - I	26	36	3
15VV1A0120	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	50	2
15VV1A0120	RT22018	CONCRETE TECHNOLOGY LAB	25	50	2
15VV1A0120	RT22019	SURVEYING FIELD WORK-II	25	49	2
15VV1A0121	RT22011	BUILDING PLANNING & DRAWING	28	48	3
15VV1A0121	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	23	33	3
15VV1A0121	RT22013	STRENGTH OF MATERIALS- II	25	28	3
15VV1A0121	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	19	32	3
15VV1A0121	RT22015	CONCRETE TECHNOLOGY	26	37	3
15VV1A0121	RT22016	STRUCTURAL ANALYSIS - I	21	24	3
15VV1A0121	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	46	2
15VV1A0121	RT22018	CONCRETE TECHNOLOGY LAB	25	50	2
15VV1A0121	RT22019	SURVEYING FIELD WORK-II	25	47	2
15VV1A0122	RT22011	BUILDING PLANNING & DRAWING	26	39	3
15VV1A0122	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	27	32	3
15VV1A0122	RT22013	STRENGTH OF MATERIALS- II	23	24	3
15VV1A0122	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	17	43	3
15VV1A0122	RT22015	CONCRETE TECHNOLOGY	26	38	3
15VV1A0122	RT22016	STRUCTURAL ANALYSIS - I	28	24	3
15VV1A0122	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	46	2
15VV1A0122	RT22018	CONCRETE TECHNOLOGY LAB	24	46	2
15VV1A0122	RT22019	SURVEYING FIELD WORK-II	24	48	2
15VV1A0123	RT22011	BUILDING PLANNING & DRAWING	30	49	3
15VV1A0123	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	23	24	3
15VV1A0123	RT22013	STRENGTH OF MATERIALS- II	23	15	0
15VV1A0123	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	15	43	3
15VV1A0123	RT22015	CONCRETE TECHNOLOGY	26	45	3
15VV1A0123	RT22016	STRUCTURAL ANALYSIS - I	20	30	3
15VV1A0123	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	46	2
15VV1A0123	RT22018	CONCRETE TECHNOLOGY LAB	25	48	2
15VV1A0123	RT22019	SURVEYING FIELD WORK-II	24	48	2
15VV1A0124	RT22011	BUILDING PLANNING & DRAWING	30	52	3
15VV1A0124	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	54	3
15VV1A0124	RT22013	STRENGTH OF MATERIALS- II	24	46	3
15VV1A0124	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	25	54	3
15VV1A0124	RT22015	CONCRETE TECHNOLOGY	25	52	3
15VV1A0124	RT22016	STRUCTURAL ANALYSIS - I	29	41	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0124	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	48	2
15VV1A0124	RT22018	CONCRETE TECHNOLOGY LAB	20	48	2
15VV1A0124	RT22019	SURVEYING FIELD WORK-II	24	48	2
15VV1A0125	RT22011	BUILDING PLANNING & DRAWING	30	42	3
15VV1A0125	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	26	53	3
15VV1A0125	RT22013	STRENGTH OF MATERIALS- II	26	37	3
15VV1A0125	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	15	53	3
15VV1A0125	RT22015	CONCRETE TECHNOLOGY	27	43	3
15VV1A0125	RT22016	STRUCTURAL ANALYSIS - I	25	32	3
15VV1A0125	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	48	2
15VV1A0125	RT22018	CONCRETE TECHNOLOGY LAB	20	47	2
15VV1A0125	RT22019	SURVEYING FIELD WORK-II	24	47	2
15VV1A0127	RT22011	BUILDING PLANNING & DRAWING	29	53	3
15VV1A0127	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	26	51	3
15VV1A0127	RT22013	STRENGTH OF MATERIALS- II	27	32	3
15VV1A0127	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	23	47	3
15VV1A0127	RT22015	CONCRETE TECHNOLOGY	26	43	3
15VV1A0127	RT22016	STRUCTURAL ANALYSIS - I	28	39	3
15VV1A0127	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	50	2
15VV1A0127	RT22018	CONCRETE TECHNOLOGY LAB	25	49	2
15VV1A0127	RT22019	SURVEYING FIELD WORK-II	24	49	2
15VV1A0128	RT22011	BUILDING PLANNING & DRAWING	28	48	3
15VV1A0128	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	26	31	3
15VV1A0128	RT22013	STRENGTH OF MATERIALS- II	23	43	3
15VV1A0128	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	21	45	3
15VV1A0128	RT22015	CONCRETE TECHNOLOGY	26	47	3
15VV1A0128	RT22016	STRUCTURAL ANALYSIS - I	21	36	3
15VV1A0128	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	17	47	2
15VV1A0128	RT22018	CONCRETE TECHNOLOGY LAB	25	49	2
15VV1A0128	RT22019	SURVEYING FIELD WORK-II	25	50	2
15VV1A0201	RT22021	ENVIRONMENTAL STUDIES	24	47	3
15VV1A0201	RT22022	SWITCHING THEORY AND LOGIC DESIGN	23	34	3
15VV1A0201	RT22023	PULSE & DIGITAL CIRCUITS	22	42	3
15VV1A0201	RT22024	POWER SYSTEMS-I	22	45	3
15VV1A0201	RT22025	ELECTRICAL MACHINES-II	28	53	3
15VV1A0201	RT22026	CONTROL SYSTEMS	23	48	3
15VV1A0201	RT22027	ELECTRICAL MACHINES -I LAB	22	37	2
15VV1A0201	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	24	20	2
15VV1A0203	RT22021	ENVIRONMENTAL STUDIES	25	47	3
15VV1A0203	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	47	3
15VV1A0203	RT22023	PULSE & DIGITAL CIRCUITS	20	35	3
15VV1A0203	RT22024	POWER SYSTEMS-I	18	42	3
15VV1A0203	RT22025	ELECTRICAL MACHINES-II	26	47	3
15VV1A0203	RT22026	CONTROL SYSTEMS	16	47	3
15VV1A0203	RT22027	ELECTRICAL MACHINES -I LAB	23	37	2
15VV1A0203	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	45	2
15VV1A0204	RT22021	ENVIRONMENTAL STUDIES	26	53	3
15VV1A0204	RT22022	SWITCHING THEORY AND LOGIC DESIGN	29	36	3
15VV1A0204	RT22023	PULSE & DIGITAL CIRCUITS	26	40	3
15VV1A0204	RT22024	POWER SYSTEMS-I	23	34	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0204	RT22025	ELECTRICAL MACHINES-II	24	54	3
15VV1A0204	RT22026	CONTROL SYSTEMS	23	39	3
15VV1A0204	RT22027	ELECTRICAL MACHINES -I LAB	21	39	2
15VV1A0204	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	24	47	2
15VV1A0205	RT22021	ENVIRONMENTAL STUDIES	23	52	3
15VV1A0205	RT22022	SWITCHING THEORY AND LOGIC DESIGN	24	37	3
15VV1A0205	RT22023	PULSE & DIGITAL CIRCUITS	23	45	3
15VV1A0205	RT22024	POWER SYSTEMS-I	18	42	3
15VV1A0205	RT22025	ELECTRICAL MACHINES-II	22	56	3
15VV1A0205	RT22026	CONTROL SYSTEMS	24	48	3
15VV1A0205	RT22027	ELECTRICAL MACHINES -I LAB	21	41	2
15VV1A0205	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	33	2
15VV1A0206	RT22021	ENVIRONMENTAL STUDIES	26	33	3
15VV1A0206	RT22022	SWITCHING THEORY AND LOGIC DESIGN	25	30	3
15VV1A0206	RT22023	PULSE & DIGITAL CIRCUITS	23	24	3
15VV1A0206	RT22024	POWER SYSTEMS-I	14	26	3
15VV1A0206	RT22025	ELECTRICAL MACHINES-II	21	47	3
15VV1A0206	RT22026	CONTROL SYSTEMS	20	32	3
15VV1A0206	RT22027	ELECTRICAL MACHINES -I LAB	17	10	0
15VV1A0206	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	15	34	2
15VV1A0207	RT22021	ENVIRONMENTAL STUDIES	28	49	3
15VV1A0207	RT22022	SWITCHING THEORY AND LOGIC DESIGN	28	42	3
15VV1A0207	RT22023	PULSE & DIGITAL CIRCUITS	18	47	3
15VV1A0207	RT22024	POWER SYSTEMS-I	19	49	3
15VV1A0207	RT22025	ELECTRICAL MACHINES-II	24	59	3
15VV1A0207	RT22026	CONTROL SYSTEMS	24	51	3
15VV1A0207	RT22027	ELECTRICAL MACHINES -I LAB	18	41	2
15VV1A0207	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	18	47	2
15VV1A0209	RT22021	ENVIRONMENTAL STUDIES	24	54	3
15VV1A0209	RT22022	SWITCHING THEORY AND LOGIC DESIGN	29	39	3
15VV1A0209	RT22023	PULSE & DIGITAL CIRCUITS	21	53	3
15VV1A0209	RT22024	POWER SYSTEMS-I	19	46	3
15VV1A0209	RT22025	ELECTRICAL MACHINES-II	28	59	3
15VV1A0209	RT22026	CONTROL SYSTEMS	24	56	3
15VV1A0209	RT22027	ELECTRICAL MACHINES -I LAB	20	42	2
15VV1A0209	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	45	2
15VV1A0211	RT22021	ENVIRONMENTAL STUDIES	27	54	3
15VV1A0211	RT22022	SWITCHING THEORY AND LOGIC DESIGN	25	44	3
15VV1A0211	RT22023	PULSE & DIGITAL CIRCUITS	20	54	3
15VV1A0211	RT22024	POWER SYSTEMS-I	20	54	3
15VV1A0211	RT22025	ELECTRICAL MACHINES-II	23	62	3
15VV1A0211	RT22026	CONTROL SYSTEMS	20	43	3
15VV1A0211	RT22027	ELECTRICAL MACHINES -I LAB	23	42	2
15VV1A0211	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	22	43	2
15VV1A0212	RT22021	ENVIRONMENTAL STUDIES	25	48	3
15VV1A0212	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	38	3
15VV1A0212	RT22023	PULSE & DIGITAL CIRCUITS	25	48	3
15VV1A0212	RT22024	POWER SYSTEMS-I	23	48	3
15VV1A0212	RT22025	ELECTRICAL MACHINES-II	28	53	3
15VV1A0212	RT22026	CONTROL SYSTEMS	27	43	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0212	RT22027	ELECTRICAL MACHINES -I LAB	20	41	2
15VV1A0212	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	21	32	2
15VV1A0213	RT22021	ENVIRONMENTAL STUDIES	22	52	3
15VV1A0213	RT22022	SWITCHING THEORY AND LOGIC DESIGN	16	33	3
15VV1A0213	RT22023	PULSE & DIGITAL CIRCUITS	18	36	3
15VV1A0213	RT22024	POWER SYSTEMS-I	15	44	3
15VV1A0213	RT22025	ELECTRICAL MACHINES-II	15	49	3
15VV1A0213	RT22026	CONTROL SYSTEMS	20	51	3
15VV1A0213	RT22027	ELECTRICAL MACHINES -I LAB	21	41	2
15VV1A0213	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	24	43	2
15VV1A0214	RT22021	ENVIRONMENTAL STUDIES	26	51	3
15VV1A0214	RT22022	SWITCHING THEORY AND LOGIC DESIGN	26	28	3
15VV1A0214	RT22023	PULSE & DIGITAL CIRCUITS	20	31	3
15VV1A0214	RT22024	POWER SYSTEMS-I	21	40	3
15VV1A0214	RT22025	ELECTRICAL MACHINES-II	28	61	3
15VV1A0214	RT22026	CONTROL SYSTEMS	20	52	3
15VV1A0214	RT22027	ELECTRICAL MACHINES -I LAB	20	41	2
15VV1A0214	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	35	2
15VV1A0216	RT22021	ENVIRONMENTAL STUDIES	26	55	3
15VV1A0216	RT22022	SWITCHING THEORY AND LOGIC DESIGN	28	38	3
15VV1A0216	RT22023	PULSE & DIGITAL CIRCUITS	25	41	3
15VV1A0216	RT22024	POWER SYSTEMS-I	27	43	3
15VV1A0216	RT22025	ELECTRICAL MACHINES-II	28	50	3
15VV1A0216	RT22026	CONTROL SYSTEMS	24	56	3
15VV1A0216	RT22027	ELECTRICAL MACHINES -I LAB	23	41	2
15VV1A0216	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	45	2
15VV1A0217	RT22021	ENVIRONMENTAL STUDIES	25	51	3
15VV1A0217	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	44	3
15VV1A0217	RT22023	PULSE & DIGITAL CIRCUITS	17	31	3
15VV1A0217	RT22024	POWER SYSTEMS-I	14	47	3
15VV1A0217	RT22025	ELECTRICAL MACHINES-II	27	47	3
15VV1A0217	RT22026	CONTROL SYSTEMS	21	39	3
15VV1A0217	RT22027	ELECTRICAL MACHINES -I LAB	18	37	2
15VV1A0217	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	21	45	2
15VV1A0218	RT22021	ENVIRONMENTAL STUDIES	28	55	3
15VV1A0218	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	50	3
15VV1A0218	RT22023	PULSE & DIGITAL CIRCUITS	25	48	3
15VV1A0218	RT22024	POWER SYSTEMS-I	22	49	3
15VV1A0218	RT22025	ELECTRICAL MACHINES-II	28	68	3
15VV1A0218	RT22026	CONTROL SYSTEMS	26	59	3
15VV1A0218	RT22027	ELECTRICAL MACHINES -I LAB	22	41	2
15VV1A0218	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	49	2
15VV1A0219	RT22021	ENVIRONMENTAL STUDIES	29	45	3
15VV1A0219	RT22022	SWITCHING THEORY AND LOGIC DESIGN	22	33	3
15VV1A0219	RT22023	PULSE & DIGITAL CIRCUITS	26	43	3
15VV1A0219	RT22024	POWER SYSTEMS-I	16	44	3
15VV1A0219	RT22025	ELECTRICAL MACHINES-II	27	45	3
15VV1A0219	RT22026	CONTROL SYSTEMS	23	53	3
15VV1A0219	RT22027	ELECTRICAL MACHINES -I LAB	23	34	2
15VV1A0219	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	43	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0220	RT22021	ENVIRONMENTAL STUDIES	21	48	3
15VV1A0220	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	51	3
15VV1A0220	RT22023	PULSE & DIGITAL CIRCUITS	15	50	3
15VV1A0220	RT22024	POWER SYSTEMS-I	21	49	3
15VV1A0220	RT22025	ELECTRICAL MACHINES-II	25	56	3
15VV1A0220	RT22026	CONTROL SYSTEMS	25	31	3
15VV1A0220	RT22027	ELECTRICAL MACHINES -I LAB	17	36	2
15VV1A0220	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	42	2
15VV1A0221	RT22021	ENVIRONMENTAL STUDIES	24	49	3
15VV1A0221	RT22022	SWITCHING THEORY AND LOGIC DESIGN	16	31	3
15VV1A0221	RT22023	PULSE & DIGITAL CIRCUITS	22	43	3
15VV1A0221	RT22024	POWER SYSTEMS-I	15	46	3
15VV1A0221	RT22025	ELECTRICAL MACHINES-II	22	43	3
15VV1A0221	RT22026	CONTROL SYSTEMS	16	40	3
15VV1A0221	RT22027	ELECTRICAL MACHINES -I LAB	21	31	2
15VV1A0221	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	49	2
15VV1A0222	RT22021	ENVIRONMENTAL STUDIES	27	52	3
15VV1A0222	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	40	3
15VV1A0222	RT22023	PULSE & DIGITAL CIRCUITS	25	49	3
15VV1A0222	RT22024	POWER SYSTEMS-I	21	46	3
15VV1A0222	RT22025	ELECTRICAL MACHINES-II	27	56	3
15VV1A0222	RT22026	CONTROL SYSTEMS	23	62	3
15VV1A0222	RT22027	ELECTRICAL MACHINES -I LAB	23	40	2
15VV1A0222	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	32	2
15VV1A0223	RT22021	ENVIRONMENTAL STUDIES	26	47	3
15VV1A0223	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	38	3
15VV1A0223	RT22023	PULSE & DIGITAL CIRCUITS	21	42	3
15VV1A0223	RT22024	POWER SYSTEMS-I	17	40	3
15VV1A0223	RT22025	ELECTRICAL MACHINES-II	21	41	3
15VV1A0223	RT22026	CONTROL SYSTEMS	19	52	3
15VV1A0223	RT22027	ELECTRICAL MACHINES -I LAB	17	41	2
15VV1A0223	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	19	42	2
15VV1A0224	RT22021	ENVIRONMENTAL STUDIES	25	51	3
15VV1A0224	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	40	3
15VV1A0224	RT22023	PULSE & DIGITAL CIRCUITS	23	48	3
15VV1A0224	RT22024	POWER SYSTEMS-I	19	47	3
15VV1A0224	RT22025	ELECTRICAL MACHINES-II	23	40	3
15VV1A0224	RT22026	CONTROL SYSTEMS	25	56	3
15VV1A0224	RT22027	ELECTRICAL MACHINES -I LAB	22	40	2
15VV1A0224	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	45	2
15VV1A0225	RT22021	ENVIRONMENTAL STUDIES	23	51	3
15VV1A0225	RT22022	SWITCHING THEORY AND LOGIC DESIGN	24	35	3
15VV1A0225	RT22023	PULSE & DIGITAL CIRCUITS	19	36	3
15VV1A0225	RT22024	POWER SYSTEMS-I	13	42	3
15VV1A0225	RT22025	ELECTRICAL MACHINES-II	24	37	3
15VV1A0225	RT22026	CONTROL SYSTEMS	15	47	3
15VV1A0225	RT22027	ELECTRICAL MACHINES -I LAB	21	26	2
15VV1A0225	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	17	40	2
15VV1A0227	RT22021	ENVIRONMENTAL STUDIES	23	54	3
15VV1A0227	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	36	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0227	RT22023	PULSE & DIGITAL CIRCUITS	15	52	3
15VV1A0227	RT22024	POWER SYSTEMS-I	16	37	3
15VV1A0227	RT22025	ELECTRICAL MACHINES-II	23	54	3
15VV1A0227	RT22026	CONTROL SYSTEMS	22	40	3
15VV1A0227	RT22027	ELECTRICAL MACHINES -I LAB	17	32	2
15VV1A0227	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	17	30	2
15VV1A0228	RT22021	ENVIRONMENTAL STUDIES	25	38	3
15VV1A0228	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	28	3
15VV1A0228	RT22023	PULSE & DIGITAL CIRCUITS	16	34	3
15VV1A0228	RT22024	POWER SYSTEMS-I	10	39	3
15VV1A0228	RT22025	ELECTRICAL MACHINES-II	22	42	3
15VV1A0228	RT22026	CONTROL SYSTEMS	18	37	3
15VV1A0228	RT22027	ELECTRICAL MACHINES -I LAB	17	35	2
15VV1A0228	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	14	27	2
15VV1A0229	RT22021	ENVIRONMENTAL STUDIES	27	45	3
15VV1A0229	RT22022	SWITCHING THEORY AND LOGIC DESIGN	23	45	3
15VV1A0229	RT22023	PULSE & DIGITAL CIRCUITS	21	44	3
15VV1A0229	RT22024	POWER SYSTEMS-I	17	37	3
15VV1A0229	RT22025	ELECTRICAL MACHINES-II	28	51	3
15VV1A0229	RT22026	CONTROL SYSTEMS	25	53	3
15VV1A0229	RT22027	ELECTRICAL MACHINES -I LAB	21	37	2
15VV1A0229	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	16	40	2
15VV1A0230	RT22021	ENVIRONMENTAL STUDIES	25	47	3
15VV1A0230	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	0	0
15VV1A0230	RT22023	PULSE & DIGITAL CIRCUITS	5	-1	0
15VV1A0230	RT22024	POWER SYSTEMS-I	5	12	0
15VV1A0230	RT22025	ELECTRICAL MACHINES-II	16	5	0
15VV1A0230	RT22026	CONTROL SYSTEMS	5	0	0
15VV1A0230	RT22027	ELECTRICAL MACHINES -I LAB	12	22	2
15VV1A0230	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	12	4	0
15VV1A0231	RT22021	ENVIRONMENTAL STUDIES	25	50	3
15VV1A0231	RT22022	SWITCHING THEORY AND LOGIC DESIGN	25	49	3
15VV1A0231	RT22023	PULSE & DIGITAL CIRCUITS	23	32	3
15VV1A0231	RT22024	POWER SYSTEMS-I	14	46	3
15VV1A0231	RT22025	ELECTRICAL MACHINES-II	23	54	3
15VV1A0231	RT22026	CONTROL SYSTEMS	22	39	3
15VV1A0231	RT22027	ELECTRICAL MACHINES -I LAB	19	39	2
15VV1A0231	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	30	2
15VV1A0232	RT22021	ENVIRONMENTAL STUDIES	25	50	3
15VV1A0232	RT22022	SWITCHING THEORY AND LOGIC DESIGN	23	41	3
15VV1A0232	RT22023	PULSE & DIGITAL CIRCUITS	22	40	3
15VV1A0232	RT22024	POWER SYSTEMS-I	23	37	3
15VV1A0232	RT22025	ELECTRICAL MACHINES-II	26	39	3
15VV1A0232	RT22026	CONTROL SYSTEMS	17	26	3
15VV1A0232	RT22027	ELECTRICAL MACHINES -I LAB	21	33	2
15VV1A0232	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	27	2
15VV1A0233	RT22021	ENVIRONMENTAL STUDIES	23	52	3
15VV1A0233	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	42	3
15VV1A0233	RT22023	PULSE & DIGITAL CIRCUITS	23	47	3
15VV1A0233	RT22024	POWER SYSTEMS-I	22	50	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0233	RT22025	ELECTRICAL MACHINES-II	28	53	3
15VV1A0233	RT22026	CONTROL SYSTEMS	24	58	3
15VV1A0233	RT22027	ELECTRICAL MACHINES -I LAB	21	34	2
15VV1A0233	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	45	2
15VV1A0234	RT22021	ENVIRONMENTAL STUDIES	23	49	3
15VV1A0234	RT22022	SWITCHING THEORY AND LOGIC DESIGN	26	39	3
15VV1A0234	RT22023	PULSE & DIGITAL CIRCUITS	20	40	3
15VV1A0234	RT22024	POWER SYSTEMS-I	18	44	3
15VV1A0234	RT22025	ELECTRICAL MACHINES-II	26	51	3
15VV1A0234	RT22026	CONTROL SYSTEMS	23	57	3
15VV1A0234	RT22027	ELECTRICAL MACHINES -I LAB	18	30	2
15VV1A0234	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	24	47	2
15VV1A0235	RT22021	ENVIRONMENTAL STUDIES	27	53	3
15VV1A0235	RT22022	SWITCHING THEORY AND LOGIC DESIGN	29	42	3
15VV1A0235	RT22023	PULSE & DIGITAL CIRCUITS	23	56	3
15VV1A0235	RT22024	POWER SYSTEMS-I	21	48	3
15VV1A0235	RT22025	ELECTRICAL MACHINES-II	29	62	3
15VV1A0235	RT22026	CONTROL SYSTEMS	26	56	3
15VV1A0235	RT22027	ELECTRICAL MACHINES -I LAB	21	39	2
15VV1A0235	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	47	2
15VV1A0236	RT22021	ENVIRONMENTAL STUDIES	27	49	3
15VV1A0236	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	43	3
15VV1A0236	RT22023	PULSE & DIGITAL CIRCUITS	19	50	3
15VV1A0236	RT22024	POWER SYSTEMS-I	17	45	3
15VV1A0236	RT22025	ELECTRICAL MACHINES-II	25	45	3
15VV1A0236	RT22026	CONTROL SYSTEMS	21	46	3
15VV1A0236	RT22027	ELECTRICAL MACHINES -I LAB	22	30	2
15VV1A0236	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	45	2
15VV1A0237	RT22021	ENVIRONMENTAL STUDIES	26	51	3
15VV1A0237	RT22022	SWITCHING THEORY AND LOGIC DESIGN	21	41	3
15VV1A0237	RT22023	PULSE & DIGITAL CIRCUITS	22	49	3
15VV1A0237	RT22024	POWER SYSTEMS-I	17	53	3
15VV1A0237	RT22025	ELECTRICAL MACHINES-II	23	55	3
15VV1A0237	RT22026	CONTROL SYSTEMS	18	48	3
15VV1A0237	RT22027	ELECTRICAL MACHINES -I LAB	16	40	2
15VV1A0237	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	22	25	2
15VV1A0238	RT22021	ENVIRONMENTAL STUDIES	26	51	3
15VV1A0238	RT22022	SWITCHING THEORY AND LOGIC DESIGN	29	48	3
15VV1A0238	RT22023	PULSE & DIGITAL CIRCUITS	20	51	3
15VV1A0238	RT22024	POWER SYSTEMS-I	22	50	3
15VV1A0238	RT22025	ELECTRICAL MACHINES-II	26	52	3
15VV1A0238	RT22026	CONTROL SYSTEMS	24	56	3
15VV1A0238	RT22027	ELECTRICAL MACHINES -I LAB	22	40	2
15VV1A0238	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	45	2
15VV1A0239	RT22021	ENVIRONMENTAL STUDIES	26	53	3
15VV1A0239	RT22022	SWITCHING THEORY AND LOGIC DESIGN	26	45	3
15VV1A0239	RT22023	PULSE & DIGITAL CIRCUITS	27	47	3
15VV1A0239	RT22024	POWER SYSTEMS-I	19	52	3
15VV1A0239	RT22025	ELECTRICAL MACHINES-II	29	61	3
15VV1A0239	RT22026	CONTROL SYSTEMS	23	55	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0239	RT22027	ELECTRICAL MACHINES -I LAB	23	42	2
15VV1A0239	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	47	2
15VV1A0240	RT22021	ENVIRONMENTAL STUDIES	24	48	3
15VV1A0240	RT22022	SWITCHING THEORY AND LOGIC DESIGN	24	37	3
15VV1A0240	RT22023	PULSE & DIGITAL CIRCUITS	17	26	3
15VV1A0240	RT22024	POWER SYSTEMS-I	18	35	3
15VV1A0240	RT22025	ELECTRICAL MACHINES-II	24	48	3
15VV1A0240	RT22026	CONTROL SYSTEMS	20	33	3
15VV1A0240	RT22027	ELECTRICAL MACHINES -I LAB	17	40	2
15VV1A0240	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	18	20	2
15VV1A0241	RT22021	ENVIRONMENTAL STUDIES	27	43	3
15VV1A0241	RT22022	SWITCHING THEORY AND LOGIC DESIGN	18	24	3
15VV1A0241	RT22023	PULSE & DIGITAL CIRCUITS	13	27	3
15VV1A0241	RT22024	POWER SYSTEMS-I	15	16	0
15VV1A0241	RT22025	ELECTRICAL MACHINES-II	11	14	0
15VV1A0241	RT22026	CONTROL SYSTEMS	18	10	0
15VV1A0241	RT22027	ELECTRICAL MACHINES -I LAB	17	27	2
15VV1A0241	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	15	44	2
15VV1A0242	RT22021	ENVIRONMENTAL STUDIES	24	48	3
15VV1A0242	RT22022	SWITCHING THEORY AND LOGIC DESIGN	19	30	3
15VV1A0242	RT22023	PULSE & DIGITAL CIRCUITS	12	32	3
15VV1A0242	RT22024	POWER SYSTEMS-I	10	33	3
15VV1A0242	RT22025	ELECTRICAL MACHINES-II	13	9	0
15VV1A0242	RT22026	CONTROL SYSTEMS	17	25	3
15VV1A0242	RT22027	ELECTRICAL MACHINES -I LAB	17	28	2
15VV1A0242	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	16	45	2
15VV1A0243	RT22021	ENVIRONMENTAL STUDIES	26	46	3
15VV1A0243	RT22022	SWITCHING THEORY AND LOGIC DESIGN	22	25	3
15VV1A0243	RT22023	PULSE & DIGITAL CIRCUITS	19	31	3
15VV1A0243	RT22024	POWER SYSTEMS-I	16	38	3
15VV1A0243	RT22025	ELECTRICAL MACHINES-II	24	58	3
15VV1A0243	RT22026	CONTROL SYSTEMS	17	43	3
15VV1A0243	RT22027	ELECTRICAL MACHINES -I LAB	17	33	2
15VV1A0243	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	22	2
15VV1A0244	RT22021	ENVIRONMENTAL STUDIES	28	50	3
15VV1A0244	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	42	3
15VV1A0244	RT22023	PULSE & DIGITAL CIRCUITS	21	36	3
15VV1A0244	RT22024	POWER SYSTEMS-I	25	42	3
15VV1A0244	RT22025	ELECTRICAL MACHINES-II	29	61	3
15VV1A0244	RT22026	CONTROL SYSTEMS	27	46	3
15VV1A0244	RT22027	ELECTRICAL MACHINES -I LAB	22	39	2
15VV1A0244	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	25	49	2
15VV1A0245	RT22021	ENVIRONMENTAL STUDIES	17	29	3
15VV1A0245	RT22022	SWITCHING THEORY AND LOGIC DESIGN	0	6	0
15VV1A0245	RT22023	PULSE & DIGITAL CIRCUITS	9	0	0
15VV1A0245	RT22024	POWER SYSTEMS-I	10	18	0
15VV1A0245	RT22025	ELECTRICAL MACHINES-II	12	2	0
15VV1A0245	RT22026	CONTROL SYSTEMS	9	10	0
15VV1A0245	RT22027	ELECTRICAL MACHINES -I LAB	13	32	2
15VV1A0245	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	14	9	0

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0246	RT22021	ENVIRONMENTAL STUDIES	26	52	3
15VV1A0246	RT22022	SWITCHING THEORY AND LOGIC DESIGN	24	30	3
15VV1A0246	RT22023	PULSE & DIGITAL CIRCUITS	17	32	3
15VV1A0246	RT22024	POWER SYSTEMS-I	21	42	3
15VV1A0246	RT22025	ELECTRICAL MACHINES-II	27	49	3
15VV1A0246	RT22026	CONTROL SYSTEMS	19	55	3
15VV1A0246	RT22027	ELECTRICAL MACHINES -I LAB	20	35	2
15VV1A0246	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	47	2
15VV1A0247	RT22021	ENVIRONMENTAL STUDIES	24	47	3
15VV1A0247	RT22022	SWITCHING THEORY AND LOGIC DESIGN	28	39	3
15VV1A0247	RT22023	PULSE & DIGITAL CIRCUITS	18	41	3
15VV1A0247	RT22024	POWER SYSTEMS-I	19	40	3
15VV1A0247	RT22025	ELECTRICAL MACHINES-II	29	56	3
15VV1A0247	RT22026	CONTROL SYSTEMS	20	38	3
15VV1A0247	RT22027	ELECTRICAL MACHINES -I LAB	21	36	2
15VV1A0247	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	24	47	2
15VV1A0248	RT22021	ENVIRONMENTAL STUDIES	23	46	3
15VV1A0248	RT22022	SWITCHING THEORY AND LOGIC DESIGN	23	39	3
15VV1A0248	RT22023	PULSE & DIGITAL CIRCUITS	17	27	3
15VV1A0248	RT22024	POWER SYSTEMS-I	15	30	3
15VV1A0248	RT22025	ELECTRICAL MACHINES-II	10	19	0
15VV1A0248	RT22026	CONTROL SYSTEMS	14	15	0
15VV1A0248	RT22027	ELECTRICAL MACHINES -I LAB	17	28	2
15VV1A0248	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	21	42	2
15VV1A0249	RT22021	ENVIRONMENTAL STUDIES	26	53	3
15VV1A0249	RT22022	SWITCHING THEORY AND LOGIC DESIGN	25	38	3
15VV1A0249	RT22023	PULSE & DIGITAL CIRCUITS	23	45	3
15VV1A0249	RT22024	POWER SYSTEMS-I	16	46	3
15VV1A0249	RT22025	ELECTRICAL MACHINES-II	26	55	3
15VV1A0249	RT22026	CONTROL SYSTEMS	20	54	3
15VV1A0249	RT22027	ELECTRICAL MACHINES -I LAB	21	18	2
15VV1A0249	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	25	2
15VV1A0250	RT22021	ENVIRONMENTAL STUDIES	24	50	3
15VV1A0250	RT22022	SWITCHING THEORY AND LOGIC DESIGN	26	36	3
15VV1A0250	RT22023	PULSE & DIGITAL CIRCUITS	18	38	3
15VV1A0250	RT22024	POWER SYSTEMS-I	11	46	3
15VV1A0250	RT22025	ELECTRICAL MACHINES-II	20	24	3
15VV1A0250	RT22026	CONTROL SYSTEMS	23	12	0
15VV1A0250	RT22027	ELECTRICAL MACHINES -I LAB	22	21	2
15VV1A0250	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	15	22	2
15VV1A0301	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	40	2
15VV1A0301	RT22031	KINEMATICS OF MACHINERY	17	41	3
15VV1A0301	RT22032	THERMAL ENGINEERING -I	16	40	3
15VV1A0301	RT22033	PRODUCTION TECHNOLOGY	24	44	3
15VV1A0301	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	16	29	3
15VV1A0301	RT22035	MACHINE DRAWING	28	48	3
15VV1A0301	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0301	RT22038	THERMAL ENGINEERING LAB	21	20	2
15VV1A0302	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	32	2
15VV1A0302	RT22031	KINEMATICS OF MACHINERY	17	34	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0302	RT22032	THERMAL ENGINEERING -I	19	26	3
15VV1A0302	RT22033	PRODUCTION TECHNOLOGY	12	47	3
15VV1A0302	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	16	15	0
15VV1A0302	RT22035	MACHINE DRAWING	23	39	3
15VV1A0302	RT22037	PRODUCTION TECHNOLOGY LAB	23	40	2
15VV1A0302	RT22038	THERMAL ENGINEERING LAB	20	29	2
15VV1A0303	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	44	2
15VV1A0303	RT22031	KINEMATICS OF MACHINERY	25	51	3
15VV1A0303	RT22032	THERMAL ENGINEERING -I	25	47	3
15VV1A0303	RT22033	PRODUCTION TECHNOLOGY	24	57	3
15VV1A0303	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	50	3
15VV1A0303	RT22035	MACHINE DRAWING	28	49	3
15VV1A0303	RT22037	PRODUCTION TECHNOLOGY LAB	23	42	2
15VV1A0303	RT22038	THERMAL ENGINEERING LAB	22	42	2
15VV1A0304	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	41	2
15VV1A0304	RT22031	KINEMATICS OF MACHINERY	26	39	3
15VV1A0304	RT22032	THERMAL ENGINEERING -I	20	45	3
15VV1A0304	RT22033	PRODUCTION TECHNOLOGY	23	52	3
15VV1A0304	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	44	3
15VV1A0304	RT22035	MACHINE DRAWING	25	41	3
15VV1A0304	RT22037	PRODUCTION TECHNOLOGY LAB	24	40	2
15VV1A0304	RT22038	THERMAL ENGINEERING LAB	21	30	2
15VV1A0305	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	36	2
15VV1A0305	RT22031	KINEMATICS OF MACHINERY	27	42	3
15VV1A0305	RT22032	THERMAL ENGINEERING -I	24	25	3
15VV1A0305	RT22033	PRODUCTION TECHNOLOGY	21	56	3
15VV1A0305	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	23	32	3
15VV1A0305	RT22035	MACHINE DRAWING	25	50	3
15VV1A0305	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0305	RT22038	THERMAL ENGINEERING LAB	19	35	2
15VV1A0306	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	3	0
15VV1A0306	RT22031	KINEMATICS OF MACHINERY	11	0	0
15VV1A0306	RT22032	THERMAL ENGINEERING -I	15	2	0
15VV1A0306	RT22033	PRODUCTION TECHNOLOGY	11	14	0
15VV1A0306	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	12	1	0
15VV1A0306	RT22035	MACHINE DRAWING	17	10	0
15VV1A0306	RT22037	PRODUCTION TECHNOLOGY LAB	22	36	2
15VV1A0306	RT22038	THERMAL ENGINEERING LAB	17	2	0
15VV1A0307	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	41	2
15VV1A0307	RT22031	KINEMATICS OF MACHINERY	18	51	3
15VV1A0307	RT22032	THERMAL ENGINEERING -I	18	47	3
15VV1A0307	RT22033	PRODUCTION TECHNOLOGY	22	55	3
15VV1A0307	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	17	43	3
15VV1A0307	RT22035	MACHINE DRAWING	27	53	3
15VV1A0307	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0307	RT22038	THERMAL ENGINEERING LAB	21	25	2
15VV1A0308	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	37	2
15VV1A0308	RT22031	KINEMATICS OF MACHINERY	20	35	3
15VV1A0308	RT22032	THERMAL ENGINEERING -I	16	35	3
15VV1A0308	RT22033	PRODUCTION TECHNOLOGY	20	59	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0308	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	19	33	3
15VV1A0308	RT22035	MACHINE DRAWING	24	40	3
15VV1A0308	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0308	RT22038	THERMAL ENGINEERING LAB	22	20	2
15VV1A0309	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	40	2
15VV1A0309	RT22031	KINEMATICS OF MACHINERY	22	25	3
15VV1A0309	RT22032	THERMAL ENGINEERING -I	18	38	3
15VV1A0309	RT22033	PRODUCTION TECHNOLOGY	25	54	3
15VV1A0309	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	19	18	0
15VV1A0309	RT22035	MACHINE DRAWING	23	36	3
15VV1A0309	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0309	RT22038	THERMAL ENGINEERING LAB	21	28	2
15VV1A0310	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	43	2
15VV1A0310	RT22031	KINEMATICS OF MACHINERY	27	58	3
15VV1A0310	RT22032	THERMAL ENGINEERING -I	25	53	3
15VV1A0310	RT22033	PRODUCTION TECHNOLOGY	27	57	3
15VV1A0310	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	24	51	3
15VV1A0310	RT22035	MACHINE DRAWING	29	51	3
15VV1A0310	RT22037	PRODUCTION TECHNOLOGY LAB	24	41	2
15VV1A0310	RT22038	THERMAL ENGINEERING LAB	22	27	2
15VV1A0311	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	31	2
15VV1A0311	RT22031	KINEMATICS OF MACHINERY	26	38	3
15VV1A0311	RT22032	THERMAL ENGINEERING -I	22	28	3
15VV1A0311	RT22033	PRODUCTION TECHNOLOGY	19	59	3
15VV1A0311	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	19	25	3
15VV1A0311	RT22035	MACHINE DRAWING	29	46	3
15VV1A0311	RT22037	PRODUCTION TECHNOLOGY LAB	22	44	2
15VV1A0311	RT22038	THERMAL ENGINEERING LAB	20	25	2
15VV1A0312	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	42	2
15VV1A0312	RT22031	KINEMATICS OF MACHINERY	20	56	3
15VV1A0312	RT22032	THERMAL ENGINEERING -I	21	33	3
15VV1A0312	RT22033	PRODUCTION TECHNOLOGY	20	58	3
15VV1A0312	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	26	52	3
15VV1A0312	RT22035	MACHINE DRAWING	26	33	3
15VV1A0312	RT22037	PRODUCTION TECHNOLOGY LAB	23	44	2
15VV1A0312	RT22038	THERMAL ENGINEERING LAB	21	36	2
15VV1A0313	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	43	2
15VV1A0313	RT22031	KINEMATICS OF MACHINERY	20	39	3
15VV1A0313	RT22032	THERMAL ENGINEERING -I	19	45	3
15VV1A0313	RT22033	PRODUCTION TECHNOLOGY	20	52	3
15VV1A0313	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	18	37	3
15VV1A0313	RT22035	MACHINE DRAWING	25	52	3
15VV1A0313	RT22037	PRODUCTION TECHNOLOGY LAB	23	39	2
15VV1A0313	RT22038	THERMAL ENGINEERING LAB	22	35	2
15VV1A0314	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	42	2
15VV1A0314	RT22031	KINEMATICS OF MACHINERY	22	39	3
15VV1A0314	RT22032	THERMAL ENGINEERING -I	21	41	3
15VV1A0314	RT22033	PRODUCTION TECHNOLOGY	23	57	3
15VV1A0314	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	23	45	3
15VV1A0314	RT22035	MACHINE DRAWING	26	46	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0314	RT22037	PRODUCTION TECHNOLOGY LAB	23	42	2
15VV1A0314	RT22038	THERMAL ENGINEERING LAB	21	28	2
15VV1A0315	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	12	30	2
15VV1A0315	RT22031	KINEMATICS OF MACHINERY	11	3	0
15VV1A0315	RT22032	THERMAL ENGINEERING -I	16	4	0
15VV1A0315	RT22033	PRODUCTION TECHNOLOGY	11	14	0
15VV1A0315	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	13	0	0
15VV1A0315	RT22035	MACHINE DRAWING	3	28	0
15VV1A0315	RT22037	PRODUCTION TECHNOLOGY LAB	23	38	2
15VV1A0315	RT22038	THERMAL ENGINEERING LAB	12	4	0
15VV1A0316	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	35	2
15VV1A0316	RT22031	KINEMATICS OF MACHINERY	22	44	3
15VV1A0316	RT22032	THERMAL ENGINEERING -I	18	49	3
15VV1A0316	RT22033	PRODUCTION TECHNOLOGY	24	52	3
15VV1A0316	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	48	3
15VV1A0316	RT22035	MACHINE DRAWING	28	42	3
15VV1A0316	RT22037	PRODUCTION TECHNOLOGY LAB	24	41	2
15VV1A0316	RT22038	THERMAL ENGINEERING LAB	22	29	2
15VV1A0317	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	47	2
15VV1A0317	RT22031	KINEMATICS OF MACHINERY	24	49	3
15VV1A0317	RT22032	THERMAL ENGINEERING -I	26	34	3
15VV1A0317	RT22033	PRODUCTION TECHNOLOGY	26	57	3
15VV1A0317	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	26	57	3
15VV1A0317	RT22035	MACHINE DRAWING	28	54	3
15VV1A0317	RT22037	PRODUCTION TECHNOLOGY LAB	24	45	2
15VV1A0317	RT22038	THERMAL ENGINEERING LAB	22	39	2
15VV1A0319	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	45	2
15VV1A0319	RT22031	KINEMATICS OF MACHINERY	20	49	3
15VV1A0319	RT22032	THERMAL ENGINEERING -I	19	38	3
15VV1A0319	RT22033	PRODUCTION TECHNOLOGY	23	59	3
15VV1A0319	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	24	42	3
15VV1A0319	RT22035	MACHINE DRAWING	26	48	3
15VV1A0319	RT22037	PRODUCTION TECHNOLOGY LAB	23	43	2
15VV1A0319	RT22038	THERMAL ENGINEERING LAB	20	38	2
15VV1A0320	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	39	2
15VV1A0320	RT22031	KINEMATICS OF MACHINERY	18	48	3
15VV1A0320	RT22032	THERMAL ENGINEERING -I	19	30	3
15VV1A0320	RT22033	PRODUCTION TECHNOLOGY	20	51	3
15VV1A0320	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	23	42	3
15VV1A0320	RT22035	MACHINE DRAWING	25	51	3
15VV1A0320	RT22037	PRODUCTION TECHNOLOGY LAB	24	39	2
15VV1A0320	RT22038	THERMAL ENGINEERING LAB	22	34	2
15VV1A0322	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	37	2
15VV1A0322	RT22031	KINEMATICS OF MACHINERY	25	26	3
15VV1A0322	RT22032	THERMAL ENGINEERING -I	18	29	3
15VV1A0322	RT22033	PRODUCTION TECHNOLOGY	18	49	3
15VV1A0322	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	20	26	3
15VV1A0322	RT22035	MACHINE DRAWING	23	44	3
15VV1A0322	RT22037	PRODUCTION TECHNOLOGY LAB	22	43	2
15VV1A0322	RT22038	THERMAL ENGINEERING LAB	21	29	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0323	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	40	2
15VV1A0323	RT22031	KINEMATICS OF MACHINERY	16	39	3
15VV1A0323	RT22032	THERMAL ENGINEERING -I	19	35	3
15VV1A0323	RT22033	PRODUCTION TECHNOLOGY	21	56	3
15VV1A0323	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	48	3
15VV1A0323	RT22035	MACHINE DRAWING	26	54	3
15VV1A0323	RT22037	PRODUCTION TECHNOLOGY LAB	23	40	2
15VV1A0323	RT22038	THERMAL ENGINEERING LAB	20	33	2
15VV1A0324	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	45	2
15VV1A0324	RT22031	KINEMATICS OF MACHINERY	22	44	3
15VV1A0324	RT22032	THERMAL ENGINEERING -I	18	30	3
15VV1A0324	RT22033	PRODUCTION TECHNOLOGY	19	51	3
15VV1A0324	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	22	39	3
15VV1A0324	RT22035	MACHINE DRAWING	29	42	3
15VV1A0324	RT22037	PRODUCTION TECHNOLOGY LAB	23	39	2
15VV1A0324	RT22038	THERMAL ENGINEERING LAB	20	36	2
15VV1A0325	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	44	2
15VV1A0325	RT22031	KINEMATICS OF MACHINERY	27	43	3
15VV1A0325	RT22032	THERMAL ENGINEERING -I	22	24	3
15VV1A0325	RT22033	PRODUCTION TECHNOLOGY	24	57	3
15VV1A0325	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	46	3
15VV1A0325	RT22035	MACHINE DRAWING	27	58	3
15VV1A0325	RT22037	PRODUCTION TECHNOLOGY LAB	23	42	2
15VV1A0325	RT22038	THERMAL ENGINEERING LAB	20	33	2
15VV1A0326	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	40	2
15VV1A0326	RT22031	KINEMATICS OF MACHINERY	23	41	3
15VV1A0326	RT22032	THERMAL ENGINEERING -I	18	25	3
15VV1A0326	RT22033	PRODUCTION TECHNOLOGY	19	54	3
15VV1A0326	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	16	28	3
15VV1A0326	RT22035	MACHINE DRAWING	25	43	3
15VV1A0326	RT22037	PRODUCTION TECHNOLOGY LAB	22	41	2
15VV1A0326	RT22038	THERMAL ENGINEERING LAB	21	32	2
15VV1A0327	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	43	2
15VV1A0327	RT22031	KINEMATICS OF MACHINERY	25	45	3
15VV1A0327	RT22032	THERMAL ENGINEERING -I	18	48	3
15VV1A0327	RT22033	PRODUCTION TECHNOLOGY	24	53	3
15VV1A0327	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	24	53	3
15VV1A0327	RT22035	MACHINE DRAWING	26	43	3
15VV1A0327	RT22037	PRODUCTION TECHNOLOGY LAB	24	45	2
15VV1A0327	RT22038	THERMAL ENGINEERING LAB	22	41	2
15VV1A0329	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	45	2
15VV1A0329	RT22031	KINEMATICS OF MACHINERY	19	51	3
15VV1A0329	RT22032	THERMAL ENGINEERING -I	22	24	3
15VV1A0329	RT22033	PRODUCTION TECHNOLOGY	24	56	3
15VV1A0329	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	23	36	3
15VV1A0329	RT22035	MACHINE DRAWING	28	42	3
15VV1A0329	RT22037	PRODUCTION TECHNOLOGY LAB	24	41	2
15VV1A0329	RT22038	THERMAL ENGINEERING LAB	22	35	2
15VV1A0330	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	39	2
15VV1A0330	RT22031	KINEMATICS OF MACHINERY	22	38	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0330	RT22032	THERMAL ENGINEERING -I	23	39	3
15VV1A0330	RT22033	PRODUCTION TECHNOLOGY	24	56	3
15VV1A0330	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	44	3
15VV1A0330	RT22035	MACHINE DRAWING	27	53	3
15VV1A0330	RT22037	PRODUCTION TECHNOLOGY LAB	23	42	2
15VV1A0330	RT22038	THERMAL ENGINEERING LAB	21	35	2
15VV1A0331	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	36	2
15VV1A0331	RT22031	KINEMATICS OF MACHINERY	25	45	3
15VV1A0331	RT22032	THERMAL ENGINEERING -I	20	32	3
15VV1A0331	RT22033	PRODUCTION TECHNOLOGY	23	54	3
15VV1A0331	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	29	3
15VV1A0331	RT22035	MACHINE DRAWING	26	44	3
15VV1A0331	RT22037	PRODUCTION TECHNOLOGY LAB	22	44	2
15VV1A0331	RT22038	THERMAL ENGINEERING LAB	19	34	2
15VV1A0332	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	38	2
15VV1A0332	RT22031	KINEMATICS OF MACHINERY	25	52	3
15VV1A0332	RT22032	THERMAL ENGINEERING -I	20	33	3
15VV1A0332	RT22033	PRODUCTION TECHNOLOGY	22	57	3
15VV1A0332	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	22	30	3
15VV1A0332	RT22035	MACHINE DRAWING	29	55	3
15VV1A0332	RT22037	PRODUCTION TECHNOLOGY LAB	24	42	2
15VV1A0332	RT22038	THERMAL ENGINEERING LAB	22	28	2
15VV1A0333	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	24	42	2
15VV1A0333	RT22031	KINEMATICS OF MACHINERY	24	48	3
15VV1A0333	RT22032	THERMAL ENGINEERING -I	22	33	3
15VV1A0333	RT22033	PRODUCTION TECHNOLOGY	24	60	3
15VV1A0333	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	35	3
15VV1A0333	RT22035	MACHINE DRAWING	28	52	3
15VV1A0333	RT22037	PRODUCTION TECHNOLOGY LAB	24	43	2
15VV1A0333	RT22038	THERMAL ENGINEERING LAB	22	35	2
15VV1A0334	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	44	2
15VV1A0334	RT22031	KINEMATICS OF MACHINERY	22	48	3
15VV1A0334	RT22032	THERMAL ENGINEERING -I	20	25	3
15VV1A0334	RT22033	PRODUCTION TECHNOLOGY	23	53	3
15VV1A0334	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	40	3
15VV1A0334	RT22035	MACHINE DRAWING	27	58	3
15VV1A0334	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0334	RT22038	THERMAL ENGINEERING LAB	21	28	2
15VV1A0335	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	30	2
15VV1A0335	RT22031	KINEMATICS OF MACHINERY	24	43	3
15VV1A0335	RT22032	THERMAL ENGINEERING -I	19	27	3
15VV1A0335	RT22033	PRODUCTION TECHNOLOGY	22	54	3
15VV1A0335	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	20	34	3
15VV1A0335	RT22035	MACHINE DRAWING	26	43	3
15VV1A0335	RT22037	PRODUCTION TECHNOLOGY LAB	23	40	2
15VV1A0335	RT22038	THERMAL ENGINEERING LAB	21	33	2
15VV1A0336	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	30	2
15VV1A0336	RT22031	KINEMATICS OF MACHINERY	8	24	0
15VV1A0336	RT22032	THERMAL ENGINEERING -I	16	25	3
15VV1A0336	RT22033	PRODUCTION TECHNOLOGY	17	33	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0336	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	12	19	0
15VV1A0336	RT22035	MACHINE DRAWING	22	39	3
15VV1A0336	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
15VV1A0336	RT22038	THERMAL ENGINEERING LAB	22	27	2
15VV1A0337	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	45	2
15VV1A0337	RT22031	KINEMATICS OF MACHINERY	26	48	3
15VV1A0337	RT22032	THERMAL ENGINEERING -I	21	45	3
15VV1A0337	RT22033	PRODUCTION TECHNOLOGY	25	56	3
15VV1A0337	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	23	55	3
15VV1A0337	RT22035	MACHINE DRAWING	29	49	3
15VV1A0337	RT22037	PRODUCTION TECHNOLOGY LAB	24	42	2
15VV1A0337	RT22038	THERMAL ENGINEERING LAB	22	36	2
15VV1A0338	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	38	2
15VV1A0338	RT22031	KINEMATICS OF MACHINERY	24	56	3
15VV1A0338	RT22032	THERMAL ENGINEERING -I	23	41	3
15VV1A0338	RT22033	PRODUCTION TECHNOLOGY	22	54	3
15VV1A0338	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	27	47	3
15VV1A0338	RT22035	MACHINE DRAWING	28	49	3
15VV1A0338	RT22037	PRODUCTION TECHNOLOGY LAB	24	42	2
15VV1A0338	RT22038	THERMAL ENGINEERING LAB	22	38	2
15VV1A0339	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	39	2
15VV1A0339	RT22031	KINEMATICS OF MACHINERY	19	39	3
15VV1A0339	RT22032	THERMAL ENGINEERING -I	20	39	3
15VV1A0339	RT22033	PRODUCTION TECHNOLOGY	21	45	3
15VV1A0339	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	17	43	3
15VV1A0339	RT22035	MACHINE DRAWING	25	28	3
15VV1A0339	RT22037	PRODUCTION TECHNOLOGY LAB	22	38	2
15VV1A0339	RT22038	THERMAL ENGINEERING LAB	20	31	2
15VV1A0340	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	32	2
15VV1A0340	RT22031	KINEMATICS OF MACHINERY	17	24	3
15VV1A0340	RT22032	THERMAL ENGINEERING -I	18	15	0
15VV1A0340	RT22033	PRODUCTION TECHNOLOGY	20	40	3
15VV1A0340	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	13	17	0
15VV1A0340	RT22035	MACHINE DRAWING	24	33	3
15VV1A0340	RT22037	PRODUCTION TECHNOLOGY LAB	20	36	2
15VV1A0340	RT22038	THERMAL ENGINEERING LAB	19	25	2
15VV1A0341	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	41	2
15VV1A0341	RT22031	KINEMATICS OF MACHINERY	27	34	3
15VV1A0341	RT22032	THERMAL ENGINEERING -I	21	33	3
15VV1A0341	RT22033	PRODUCTION TECHNOLOGY	25	55	3
15VV1A0341	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	35	3
15VV1A0341	RT22035	MACHINE DRAWING	29	51	3
15VV1A0341	RT22037	PRODUCTION TECHNOLOGY LAB	24	40	2
15VV1A0341	RT22038	THERMAL ENGINEERING LAB	22	34	2
15VV1A0342	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	19	41	2
15VV1A0342	RT22031	KINEMATICS OF MACHINERY	13	27	3
15VV1A0342	RT22032	THERMAL ENGINEERING -I	14	17	0
15VV1A0342	RT22033	PRODUCTION TECHNOLOGY	16	37	3
15VV1A0342	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	9	8	0
15VV1A0342	RT22035	MACHINE DRAWING	25	39	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0342	RT22037	PRODUCTION TECHNOLOGY LAB	24	38	2
15VV1A0342	RT22038	THERMAL ENGINEERING LAB	20	27	2
15VV1A0343	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	34	2
15VV1A0343	RT22031	KINEMATICS OF MACHINERY	15	14	0
15VV1A0343	RT22032	THERMAL ENGINEERING -I	16	10	0
15VV1A0343	RT22033	PRODUCTION TECHNOLOGY	16	41	3
15VV1A0343	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	14	20	0
15VV1A0343	RT22035	MACHINE DRAWING	18	29	3
15VV1A0343	RT22037	PRODUCTION TECHNOLOGY LAB	22	39	2
15VV1A0343	RT22038	THERMAL ENGINEERING LAB	20	35	2
15VV1A0344	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	34	2
15VV1A0344	RT22031	KINEMATICS OF MACHINERY	20	43	3
15VV1A0344	RT22032	THERMAL ENGINEERING -I	17	47	3
15VV1A0344	RT22033	PRODUCTION TECHNOLOGY	21	49	3
15VV1A0344	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	45	3
15VV1A0344	RT22035	MACHINE DRAWING	26	45	3
15VV1A0344	RT22037	PRODUCTION TECHNOLOGY LAB	24	44	2
15VV1A0344	RT22038	THERMAL ENGINEERING LAB	22	37	2
15VV1A0345	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	37	2
15VV1A0345	RT22031	KINEMATICS OF MACHINERY	16	37	3
15VV1A0345	RT22032	THERMAL ENGINEERING -I	16	27	3
15VV1A0345	RT22033	PRODUCTION TECHNOLOGY	23	48	3
15VV1A0345	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	16	24	3
15VV1A0345	RT22035	MACHINE DRAWING	24	46	3
15VV1A0345	RT22037	PRODUCTION TECHNOLOGY LAB	24	39	2
15VV1A0345	RT22038	THERMAL ENGINEERING LAB	21	33	2
15VV1A0346	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	38	2
15VV1A0346	RT22031	KINEMATICS OF MACHINERY	24	44	3
15VV1A0346	RT22032	THERMAL ENGINEERING -I	19	41	3
15VV1A0346	RT22033	PRODUCTION TECHNOLOGY	20	50	3
15VV1A0346	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	20	41	3
15VV1A0346	RT22035	MACHINE DRAWING	26	44	3
15VV1A0346	RT22037	PRODUCTION TECHNOLOGY LAB	24	43	2
15VV1A0346	RT22038	THERMAL ENGINEERING LAB	22	37	2
15VV1A0347	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	40	2
15VV1A0347	RT22031	KINEMATICS OF MACHINERY	21	38	3
15VV1A0347	RT22032	THERMAL ENGINEERING -I	18	39	3
15VV1A0347	RT22033	PRODUCTION TECHNOLOGY	22	53	3
15VV1A0347	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	18	35	3
15VV1A0347	RT22035	MACHINE DRAWING	27	47	3
15VV1A0347	RT22037	PRODUCTION TECHNOLOGY LAB	24	41	2
15VV1A0347	RT22038	THERMAL ENGINEERING LAB	21	31	2
15VV1A0349	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	38	2
15VV1A0349	RT22031	KINEMATICS OF MACHINERY	21	43	3
15VV1A0349	RT22032	THERMAL ENGINEERING -I	20	26	3
15VV1A0349	RT22033	PRODUCTION TECHNOLOGY	18	57	3
15VV1A0349	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	22	40	3
15VV1A0349	RT22035	MACHINE DRAWING	25	46	3
15VV1A0349	RT22037	PRODUCTION TECHNOLOGY LAB	23	42	2
15VV1A0349	RT22038	THERMAL ENGINEERING LAB	21	29	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0350	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	35	2
15VV1A0350	RT22031	KINEMATICS OF MACHINERY	27	24	3
15VV1A0350	RT22032	THERMAL ENGINEERING -I	18	38	3
15VV1A0350	RT22033	PRODUCTION TECHNOLOGY	20	53	3
15VV1A0350	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	24	41	3
15VV1A0350	RT22035	MACHINE DRAWING	25	46	3
15VV1A0350	RT22037	PRODUCTION TECHNOLOGY LAB	20	40	2
15VV1A0350	RT22038	THERMAL ENGINEERING LAB	21	38	2
15VV1A0352	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	37	2
15VV1A0352	RT22031	KINEMATICS OF MACHINERY	17	37	3
15VV1A0352	RT22032	THERMAL ENGINEERING -I	22	33	3
15VV1A0352	RT22033	PRODUCTION TECHNOLOGY	18	50	3
15VV1A0352	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	19	30	3
15VV1A0352	RT22035	MACHINE DRAWING	24	41	3
15VV1A0352	RT22037	PRODUCTION TECHNOLOGY LAB	23	40	2
15VV1A0352	RT22038	THERMAL ENGINEERING LAB	21	31	2
15VV1A0353	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	43	2
15VV1A0353	RT22031	KINEMATICS OF MACHINERY	21	40	3
15VV1A0353	RT22032	THERMAL ENGINEERING -I	20	16	0
15VV1A0353	RT22033	PRODUCTION TECHNOLOGY	18	56	3
15VV1A0353	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	45	3
15VV1A0353	RT22035	MACHINE DRAWING	27	43	3
15VV1A0353	RT22037	PRODUCTION TECHNOLOGY LAB	19	42	2
15VV1A0353	RT22038	THERMAL ENGINEERING LAB	22	29	2
15VV1A0354	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	21	34	2
15VV1A0354	RT22031	KINEMATICS OF MACHINERY	21	49	3
15VV1A0354	RT22032	THERMAL ENGINEERING -I	19	47	3
15VV1A0354	RT22033	PRODUCTION TECHNOLOGY	19	51	3
15VV1A0354	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	30	3
15VV1A0354	RT22035	MACHINE DRAWING	28	49	3
15VV1A0354	RT22037	PRODUCTION TECHNOLOGY LAB	23	39	2
15VV1A0354	RT22038	THERMAL ENGINEERING LAB	21	33	2
15VV1A0355	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	43	2
15VV1A0355	RT22031	KINEMATICS OF MACHINERY	19	48	3
15VV1A0355	RT22032	THERMAL ENGINEERING -I	16	29	3
15VV1A0355	RT22033	PRODUCTION TECHNOLOGY	21	59	3
15VV1A0355	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	21	28	3
15VV1A0355	RT22035	MACHINE DRAWING	27	50	3
15VV1A0355	RT22037	PRODUCTION TECHNOLOGY LAB	22	43	2
15VV1A0355	RT22038	THERMAL ENGINEERING LAB	19	27	2
15VV1A0357	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	30	2
15VV1A0357	RT22031	KINEMATICS OF MACHINERY	19	43	3
15VV1A0357	RT22032	THERMAL ENGINEERING -I	13	34	3
15VV1A0357	RT22033	PRODUCTION TECHNOLOGY	18	50	3
15VV1A0357	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	22	48	3
15VV1A0357	RT22035	MACHINE DRAWING	24	32	3
15VV1A0357	RT22037	PRODUCTION TECHNOLOGY LAB	21	41	2
15VV1A0357	RT22038	THERMAL ENGINEERING LAB	19	33	2
15VV1A0358	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	27	2
15VV1A0358	RT22031	KINEMATICS OF MACHINERY	20	8	0

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0358	RT22032	THERMAL ENGINEERING -I	18	17	0
15VV1A0358	RT22033	PRODUCTION TECHNOLOGY	15	40	3
15VV1A0358	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	17	15	0
15VV1A0358	RT22035	MACHINE DRAWING	20	43	3
15VV1A0358	RT22037	PRODUCTION TECHNOLOGY LAB	21	33	2
15VV1A0358	RT22038	THERMAL ENGINEERING LAB	18	10	0
15VV1A0402	RT22022	SWITCHING THEORY & LOGIC DESIGN	28	37	3
15VV1A0402	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	55	3
15VV1A0402	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	27	65	3
15VV1A0402	RT22043	MANAGEMENT SCIENCE	24	59	3
15VV1A0402	RT22044	EM WAVES AND TRANSMISSION LINES	29	52	3
15VV1A0402	RT22045	ANALOG COMMUNICATIONS	28	52	3
15VV1A0402	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	46	2
15VV1A0402	RT22047	ANALOG COMMUNICATIONS LAB	25	49	2
15VV1A0403	RT22022	SWITCHING THEORY & LOGIC DESIGN	26	32	3
15VV1A0403	RT22041	ELECTRONIC CIRCUIT ANALYSIS	25	52	3
15VV1A0403	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	65	3
15VV1A0403	RT22043	MANAGEMENT SCIENCE	26	54	3
15VV1A0403	RT22044	EM WAVES AND TRANSMISSION LINES	28	43	3
15VV1A0403	RT22045	ANALOG COMMUNICATIONS	28	49	3
15VV1A0403	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0403	RT22047	ANALOG COMMUNICATIONS LAB	23	44	2
15VV1A0404	RT22022	SWITCHING THEORY & LOGIC DESIGN	24	29	3
15VV1A0404	RT22041	ELECTRONIC CIRCUIT ANALYSIS	19	53	3
15VV1A0404	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	25	55	3
15VV1A0404	RT22043	MANAGEMENT SCIENCE	21	41	3
15VV1A0404	RT22044	EM WAVES AND TRANSMISSION LINES	24	43	3
15VV1A0404	RT22045	ANALOG COMMUNICATIONS	25	32	3
15VV1A0404	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0404	RT22047	ANALOG COMMUNICATIONS LAB	22	40	2
15VV1A0405	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	30	3
15VV1A0405	RT22041	ELECTRONIC CIRCUIT ANALYSIS	17	40	3
15VV1A0405	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	18	39	3
15VV1A0405	RT22043	MANAGEMENT SCIENCE	24	42	3
15VV1A0405	RT22044	EM WAVES AND TRANSMISSION LINES	24	28	3
15VV1A0405	RT22045	ANALOG COMMUNICATIONS	26	17	0
15VV1A0405	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0405	RT22047	ANALOG COMMUNICATIONS LAB	22	45	2
15VV1A0406	RT22022	SWITCHING THEORY & LOGIC DESIGN	19	32	3
15VV1A0406	RT22041	ELECTRONIC CIRCUIT ANALYSIS	22	47	3
15VV1A0406	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	23	50	3
15VV1A0406	RT22043	MANAGEMENT SCIENCE	22	52	3
15VV1A0406	RT22044	EM WAVES AND TRANSMISSION LINES	24	37	3
15VV1A0406	RT22045	ANALOG COMMUNICATIONS	27	32	3
15VV1A0406	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	22	45	2
15VV1A0406	RT22047	ANALOG COMMUNICATIONS LAB	21	40	2
15VV1A0407	RT22022	SWITCHING THEORY & LOGIC DESIGN	27	37	3
15VV1A0407	RT22041	ELECTRONIC CIRCUIT ANALYSIS	22	55	3
15VV1A0407	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	67	3
15VV1A0407	RT22043	MANAGEMENT SCIENCE	24	57	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0407	RT22044	EM WAVES AND TRANSMISSION LINES	28	48	3
15VV1A0407	RT22045	ANALOG COMMUNICATIONS	26	44	3
15VV1A0407	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	48	2
15VV1A0407	RT22047	ANALOG COMMUNICATIONS LAB	21	44	2
15VV1A0408	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	41	3
15VV1A0408	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	53	3
15VV1A0408	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	25	69	3
15VV1A0408	RT22043	MANAGEMENT SCIENCE	23	58	3
15VV1A0408	RT22044	EM WAVES AND TRANSMISSION LINES	26	50	3
15VV1A0408	RT22045	ANALOG COMMUNICATIONS	28	49	3
15VV1A0408	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0408	RT22047	ANALOG COMMUNICATIONS LAB	25	45	2
15VV1A0409	RT22022	SWITCHING THEORY & LOGIC DESIGN	28	51	3
15VV1A0409	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	59	3
15VV1A0409	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	30	69	3
15VV1A0409	RT22043	MANAGEMENT SCIENCE	23	50	3
15VV1A0409	RT22044	EM WAVES AND TRANSMISSION LINES	29	48	3
15VV1A0409	RT22045	ANALOG COMMUNICATIONS	30	46	3
15VV1A0409	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	25	48	2
15VV1A0409	RT22047	ANALOG COMMUNICATIONS LAB	25	48	2
15VV1A0410	RT22022	SWITCHING THEORY & LOGIC DESIGN	27	31	3
15VV1A0410	RT22041	ELECTRONIC CIRCUIT ANALYSIS	25	49	3
15VV1A0410	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	30	67	3
15VV1A0410	RT22043	MANAGEMENT SCIENCE	24	52	3
15VV1A0410	RT22044	EM WAVES AND TRANSMISSION LINES	29	45	3
15VV1A0410	RT22045	ANALOG COMMUNICATIONS	28	35	3
15VV1A0410	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0410	RT22047	ANALOG COMMUNICATIONS LAB	25	49	2
15VV1A0411	RT22022	SWITCHING THEORY & LOGIC DESIGN	22	39	3
15VV1A0411	RT22041	ELECTRONIC CIRCUIT ANALYSIS	20	48	3
15VV1A0411	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	22	69	3
15VV1A0411	RT22043	MANAGEMENT SCIENCE	26	52	3
15VV1A0411	RT22044	EM WAVES AND TRANSMISSION LINES	25	46	3
15VV1A0411	RT22045	ANALOG COMMUNICATIONS	28	35	3
15VV1A0411	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	46	2
15VV1A0411	RT22047	ANALOG COMMUNICATIONS LAB	23	46	2
15VV1A0412	RT22022	SWITCHING THEORY & LOGIC DESIGN	21	39	3
15VV1A0412	RT22041	ELECTRONIC CIRCUIT ANALYSIS	24	52	3
15VV1A0412	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	29	68	3
15VV1A0412	RT22043	MANAGEMENT SCIENCE	23	55	3
15VV1A0412	RT22044	EM WAVES AND TRANSMISSION LINES	29	54	3
15VV1A0412	RT22045	ANALOG COMMUNICATIONS	28	44	3
15VV1A0412	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0412	RT22047	ANALOG COMMUNICATIONS LAB	25	45	2
15VV1A0413	RT22022	SWITCHING THEORY & LOGIC DESIGN	26	26	3
15VV1A0413	RT22041	ELECTRONIC CIRCUIT ANALYSIS	25	47	3
15VV1A0413	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	25	65	3
15VV1A0413	RT22043	MANAGEMENT SCIENCE	22	53	3
15VV1A0413	RT22044	EM WAVES AND TRANSMISSION LINES	25	50	3
15VV1A0413	RT22045	ANALOG COMMUNICATIONS	28	42	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0413	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	43	2
15VV1A0413	RT22047	ANALOG COMMUNICATIONS LAB	22	42	2
15VV1A0414	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	40	3
15VV1A0414	RT22041	ELECTRONIC CIRCUIT ANALYSIS	25	53	3
15VV1A0414	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	69	3
15VV1A0414	RT22043	MANAGEMENT SCIENCE	23	56	3
15VV1A0414	RT22044	EM WAVES AND TRANSMISSION LINES	23	56	3
15VV1A0414	RT22045	ANALOG COMMUNICATIONS	27	48	3
15VV1A0414	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	43	2
15VV1A0414	RT22047	ANALOG COMMUNICATIONS LAB	24	45	2
15VV1A0415	RT22022	SWITCHING THEORY & LOGIC DESIGN	23	32	3
15VV1A0415	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	53	3
15VV1A0415	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	25	66	3
15VV1A0415	RT22043	MANAGEMENT SCIENCE	26	49	3
15VV1A0415	RT22044	EM WAVES AND TRANSMISSION LINES	21	42	3
15VV1A0415	RT22045	ANALOG COMMUNICATIONS	25	35	3
15VV1A0415	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	22	45	2
15VV1A0415	RT22047	ANALOG COMMUNICATIONS LAB	22	40	2
15VV1A0416	RT22022	SWITCHING THEORY & LOGIC DESIGN	27	25	3
15VV1A0416	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	54	3
15VV1A0416	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	65	3
15VV1A0416	RT22043	MANAGEMENT SCIENCE	22	56	3
15VV1A0416	RT22044	EM WAVES AND TRANSMISSION LINES	27	58	3
15VV1A0416	RT22045	ANALOG COMMUNICATIONS	30	33	3
15VV1A0416	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0416	RT22047	ANALOG COMMUNICATIONS LAB	23	42	2
15VV1A0417	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	37	3
15VV1A0417	RT22041	ELECTRONIC CIRCUIT ANALYSIS	16	46	3
15VV1A0417	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	27	66	3
15VV1A0417	RT22043	MANAGEMENT SCIENCE	20	56	3
15VV1A0417	RT22044	EM WAVES AND TRANSMISSION LINES	24	57	3
15VV1A0417	RT22045	ANALOG COMMUNICATIONS	26	37	3
15VV1A0417	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	45	2
15VV1A0417	RT22047	ANALOG COMMUNICATIONS LAB	22	41	2
15VV1A0418	RT22022	SWITCHING THEORY & LOGIC DESIGN	24	34	3
15VV1A0418	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	50	3
15VV1A0418	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	27	65	3
15VV1A0418	RT22043	MANAGEMENT SCIENCE	26	55	3
15VV1A0418	RT22044	EM WAVES AND TRANSMISSION LINES	29	49	3
15VV1A0418	RT22045	ANALOG COMMUNICATIONS	28	48	3
15VV1A0418	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
15VV1A0418	RT22047	ANALOG COMMUNICATIONS LAB	24	49	2
15VV1A0419	RT22022	SWITCHING THEORY & LOGIC DESIGN	26	33	3
15VV1A0419	RT22041	ELECTRONIC CIRCUIT ANALYSIS	18	52	3
15VV1A0419	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	23	54	3
15VV1A0419	RT22043	MANAGEMENT SCIENCE	22	45	3
15VV1A0419	RT22044	EM WAVES AND TRANSMISSION LINES	21	42	3
15VV1A0419	RT22045	ANALOG COMMUNICATIONS	23	42	3
15VV1A0419	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	45	2
15VV1A0419	RT22047	ANALOG COMMUNICATIONS LAB	24	44	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0420	RT22022	SWITCHING THEORY & LOGIC DESIGN	27	37	3
15VV1A0420	RT22041	ELECTRONIC CIRCUIT ANALYSIS	25	60	3
15VV1A0420	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	69	3
15VV1A0420	RT22043	MANAGEMENT SCIENCE	24	53	3
15VV1A0420	RT22044	EM WAVES AND TRANSMISSION LINES	25	50	3
15VV1A0420	RT22045	ANALOG COMMUNICATIONS	28	43	3
15VV1A0420	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	43	2
15VV1A0420	RT22047	ANALOG COMMUNICATIONS LAB	23	42	2
15VV1A0421	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	38	3
15VV1A0421	RT22041	ELECTRONIC CIRCUIT ANALYSIS	25	56	3
15VV1A0421	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	21	69	3
15VV1A0421	RT22043	MANAGEMENT SCIENCE	21	59	3
15VV1A0421	RT22044	EM WAVES AND TRANSMISSION LINES	24	57	3
15VV1A0421	RT22045	ANALOG COMMUNICATIONS	23	48	3
15VV1A0421	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	43	2
15VV1A0421	RT22047	ANALOG COMMUNICATIONS LAB	22	43	2
15VV1A0423	RT22022	SWITCHING THEORY & LOGIC DESIGN	27	33	3
15VV1A0423	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	54	3
15VV1A0423	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	29	67	3
15VV1A0423	RT22043	MANAGEMENT SCIENCE	24	54	3
15VV1A0423	RT22044	EM WAVES AND TRANSMISSION LINES	28	46	3
15VV1A0423	RT22045	ANALOG COMMUNICATIONS	28	42	3
15VV1A0423	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	44	2
15VV1A0423	RT22047	ANALOG COMMUNICATIONS LAB	25	48	2
15VV1A0424	RT22022	SWITCHING THEORY & LOGIC DESIGN	19	32	3
15VV1A0424	RT22041	ELECTRONIC CIRCUIT ANALYSIS	17	38	3
15VV1A0424	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	27	58	3
15VV1A0424	RT22043	MANAGEMENT SCIENCE	22	47	3
15VV1A0424	RT22044	EM WAVES AND TRANSMISSION LINES	22	15	0
15VV1A0424	RT22045	ANALOG COMMUNICATIONS	20	30	3
15VV1A0424	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	40	2
15VV1A0424	RT22047	ANALOG COMMUNICATIONS LAB	20	37	2
15VV1A0427	RT22022	SWITCHING THEORY & LOGIC DESIGN	24	24	3
15VV1A0427	RT22041	ELECTRONIC CIRCUIT ANALYSIS	21	44	3
15VV1A0427	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	62	3
15VV1A0427	RT22043	MANAGEMENT SCIENCE	21	53	3
15VV1A0427	RT22044	EM WAVES AND TRANSMISSION LINES	23	28	3
15VV1A0427	RT22045	ANALOG COMMUNICATIONS	27	32	3
15VV1A0427	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	45	2
15VV1A0427	RT22047	ANALOG COMMUNICATIONS LAB	23	44	2
15VV1A0428	RT22022	SWITCHING THEORY & LOGIC DESIGN	17	37	3
15VV1A0428	RT22041	ELECTRONIC CIRCUIT ANALYSIS	17	46	3
15VV1A0428	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	23	53	3
15VV1A0428	RT22043	MANAGEMENT SCIENCE	22	52	3
15VV1A0428	RT22044	EM WAVES AND TRANSMISSION LINES	21	29	3
15VV1A0428	RT22045	ANALOG COMMUNICATIONS	25	26	3
15VV1A0428	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	43	2
15VV1A0428	RT22047	ANALOG COMMUNICATIONS LAB	24	46	2
15VV1A0429	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	31	3
15VV1A0429	RT22041	ELECTRONIC CIRCUIT ANALYSIS	18	48	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0429	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	24	54	3
15VV1A0429	RT22043	MANAGEMENT SCIENCE	21	50	3
15VV1A0429	RT22044	EM WAVES AND TRANSMISSION LINES	25	39	3
15VV1A0429	RT22045	ANALOG COMMUNICATIONS	24	35	3
15VV1A0429	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	44	2
15VV1A0429	RT22047	ANALOG COMMUNICATIONS LAB	25	46	2
15VV1A0430	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	33	3
15VV1A0430	RT22041	ELECTRONIC CIRCUIT ANALYSIS	21	40	3
15VV1A0430	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	23	67	3
15VV1A0430	RT22043	MANAGEMENT SCIENCE	24	59	3
15VV1A0430	RT22044	EM WAVES AND TRANSMISSION LINES	26	42	3
15VV1A0430	RT22045	ANALOG COMMUNICATIONS	28	38	3
15VV1A0430	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	45	2
15VV1A0430	RT22047	ANALOG COMMUNICATIONS LAB	24	45	2
15VV1A0431	RT22022	SWITCHING THEORY & LOGIC DESIGN	19	35	3
15VV1A0431	RT22041	ELECTRONIC CIRCUIT ANALYSIS	18	54	3
15VV1A0431	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	19	62	3
15VV1A0431	RT22043	MANAGEMENT SCIENCE	22	50	3
15VV1A0431	RT22044	EM WAVES AND TRANSMISSION LINES	20	41	3
15VV1A0431	RT22045	ANALOG COMMUNICATIONS	24	36	3
15VV1A0431	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	44	2
15VV1A0431	RT22047	ANALOG COMMUNICATIONS LAB	20	34	2
15VV1A0432	RT22022	SWITCHING THEORY & LOGIC DESIGN	22	24	3
15VV1A0432	RT22041	ELECTRONIC CIRCUIT ANALYSIS	15	48	3
15VV1A0432	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	18	55	3
15VV1A0432	RT22043	MANAGEMENT SCIENCE	24	49	3
15VV1A0432	RT22044	EM WAVES AND TRANSMISSION LINES	21	38	3
15VV1A0432	RT22045	ANALOG COMMUNICATIONS	24	24	3
15VV1A0432	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	43	2
15VV1A0432	RT22047	ANALOG COMMUNICATIONS LAB	21	41	2
15VV1A0433	RT22022	SWITCHING THEORY & LOGIC DESIGN	19	17	0
15VV1A0433	RT22041	ELECTRONIC CIRCUIT ANALYSIS	15	42	3
15VV1A0433	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	22	30	3
15VV1A0433	RT22043	MANAGEMENT SCIENCE	20	41	3
15VV1A0433	RT22044	EM WAVES AND TRANSMISSION LINES	23	41	3
15VV1A0433	RT22045	ANALOG COMMUNICATIONS	23	17	0
15VV1A0433	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	22	43	2
15VV1A0433	RT22047	ANALOG COMMUNICATIONS LAB	24	40	2
15VV1A0434	RT22022	SWITCHING THEORY & LOGIC DESIGN	22	31	3
15VV1A0434	RT22041	ELECTRONIC CIRCUIT ANALYSIS	19	45	3
15VV1A0434	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	18	55	3
15VV1A0434	RT22043	MANAGEMENT SCIENCE	22	51	3
15VV1A0434	RT22044	EM WAVES AND TRANSMISSION LINES	24	37	3
15VV1A0434	RT22045	ANALOG COMMUNICATIONS	22	42	3
15VV1A0434	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	43	2
15VV1A0434	RT22047	ANALOG COMMUNICATIONS LAB	22	45	2
15VV1A0435	RT22022	SWITCHING THEORY & LOGIC DESIGN	20	30	3
15VV1A0435	RT22041	ELECTRONIC CIRCUIT ANALYSIS	20	37	3
15VV1A0435	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	23	41	3
15VV1A0435	RT22043	MANAGEMENT SCIENCE	24	50	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0435	RT22044	EM WAVES AND TRANSMISSION LINES	25	29	3
15VV1A0435	RT22045	ANALOG COMMUNICATIONS	22	29	3
15VV1A0435	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	47	2
15VV1A0435	RT22047	ANALOG COMMUNICATIONS LAB	22	43	2
15VV1A0436	RT22022	SWITCHING THEORY & LOGIC DESIGN	23	30	3
15VV1A0436	RT22041	ELECTRONIC CIRCUIT ANALYSIS	24	46	3
15VV1A0436	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	66	3
15VV1A0436	RT22043	MANAGEMENT SCIENCE	25	56	3
15VV1A0436	RT22044	EM WAVES AND TRANSMISSION LINES	26	50	3
15VV1A0436	RT22045	ANALOG COMMUNICATIONS	26	41	3
15VV1A0436	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	25	47	2
15VV1A0436	RT22047	ANALOG COMMUNICATIONS LAB	23	42	2
15VV1A0437	RT22022	SWITCHING THEORY & LOGIC DESIGN	21	24	3
15VV1A0437	RT22041	ELECTRONIC CIRCUIT ANALYSIS	18	47	3
15VV1A0437	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	21	54	3
15VV1A0437	RT22043	MANAGEMENT SCIENCE	22	50	3
15VV1A0437	RT22044	EM WAVES AND TRANSMISSION LINES	21	38	3
15VV1A0437	RT22045	ANALOG COMMUNICATIONS	26	41	3
15VV1A0437	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	21	43	2
15VV1A0437	RT22047	ANALOG COMMUNICATIONS LAB	21	35	2
15VV1A0438	RT22022	SWITCHING THEORY & LOGIC DESIGN	19	25	3
15VV1A0438	RT22041	ELECTRONIC CIRCUIT ANALYSIS	17	37	3
15VV1A0438	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	19	57	3
15VV1A0438	RT22043	MANAGEMENT SCIENCE	22	50	3
15VV1A0438	RT22044	EM WAVES AND TRANSMISSION LINES	23	34	3
15VV1A0438	RT22045	ANALOG COMMUNICATIONS	25	36	3
15VV1A0438	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	23	43	2
15VV1A0438	RT22047	ANALOG COMMUNICATIONS LAB	22	40	2
15VV1A0439	RT22022	SWITCHING THEORY & LOGIC DESIGN	18	24	3
15VV1A0439	RT22041	ELECTRONIC CIRCUIT ANALYSIS	17	42	3
15VV1A0439	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	19	56	3
15VV1A0439	RT22043	MANAGEMENT SCIENCE	22	48	3
15VV1A0439	RT22044	EM WAVES AND TRANSMISSION LINES	25	33	3
15VV1A0439	RT22045	ANALOG COMMUNICATIONS	22	27	3
15VV1A0439	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	45	2
15VV1A0439	RT22047	ANALOG COMMUNICATIONS LAB	22	42	2
15VV1A0441	RT22022	SWITCHING THEORY & LOGIC DESIGN	15	35	3
15VV1A0441	RT22041	ELECTRONIC CIRCUIT ANALYSIS	18	46	3
15VV1A0441	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	24	66	3
15VV1A0441	RT22043	MANAGEMENT SCIENCE	23	48	3
15VV1A0441	RT22044	EM WAVES AND TRANSMISSION LINES	20	45	3
15VV1A0441	RT22045	ANALOG COMMUNICATIONS	27	31	3
15VV1A0441	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	21	42	2
15VV1A0441	RT22047	ANALOG COMMUNICATIONS LAB	21	40	2
15VV1A0442	RT22022	SWITCHING THEORY & LOGIC DESIGN	23	37	3
15VV1A0442	RT22041	ELECTRONIC CIRCUIT ANALYSIS	22	52	3
15VV1A0442	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	24	62	3
15VV1A0442	RT22043	MANAGEMENT SCIENCE	23	60	3
15VV1A0442	RT22044	EM WAVES AND TRANSMISSION LINES	27	61	3
15VV1A0442	RT22045	ANALOG COMMUNICATIONS	29	33	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0442	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	45	2
15VV1A0442	RT22047	ANALOG COMMUNICATIONS LAB	24	45	2
15VV1A0443	RT22022	SWITCHING THEORY & LOGIC DESIGN	22	24	3
15VV1A0443	RT22041	ELECTRONIC CIRCUIT ANALYSIS	21	34	3
15VV1A0443	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	21	42	3
15VV1A0443	RT22043	MANAGEMENT SCIENCE	18	51	3
15VV1A0443	RT22044	EM WAVES AND TRANSMISSION LINES	22	32	3
15VV1A0443	RT22045	ANALOG COMMUNICATIONS	26	32	3
15VV1A0443	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	44	2
15VV1A0443	RT22047	ANALOG COMMUNICATIONS LAB	23	40	2
15VV1A0444	RT22022	SWITCHING THEORY & LOGIC DESIGN	16	32	3
15VV1A0444	RT22041	ELECTRONIC CIRCUIT ANALYSIS	20	40	3
15VV1A0444	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	24	54	3
15VV1A0444	RT22043	MANAGEMENT SCIENCE	18	50	3
15VV1A0444	RT22044	EM WAVES AND TRANSMISSION LINES	21	35	3
15VV1A0444	RT22045	ANALOG COMMUNICATIONS	23	34	3
15VV1A0444	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	43	2
15VV1A0444	RT22047	ANALOG COMMUNICATIONS LAB	22	41	2
15VV1A0445	RT22022	SWITCHING THEORY & LOGIC DESIGN	23	34	3
15VV1A0445	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	50	3
15VV1A0445	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	24	62	3
15VV1A0445	RT22043	MANAGEMENT SCIENCE	23	45	3
15VV1A0445	RT22044	EM WAVES AND TRANSMISSION LINES	23	47	3
15VV1A0445	RT22045	ANALOG COMMUNICATIONS	28	33	3
15VV1A0445	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	42	2
15VV1A0445	RT22047	ANALOG COMMUNICATIONS LAB	23	46	2
15VV1A0446	RT22022	SWITCHING THEORY & LOGIC DESIGN	25	33	3
15VV1A0446	RT22041	ELECTRONIC CIRCUIT ANALYSIS	24	50	3
15VV1A0446	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	64	3
15VV1A0446	RT22043	MANAGEMENT SCIENCE	24	55	3
15VV1A0446	RT22044	EM WAVES AND TRANSMISSION LINES	27	45	3
15VV1A0446	RT22045	ANALOG COMMUNICATIONS	29	51	3
15VV1A0446	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	42	2
15VV1A0446	RT22047	ANALOG COMMUNICATIONS LAB	25	48	2
15VV1A0447	RT22022	SWITCHING THEORY & LOGIC DESIGN	21	27	3
15VV1A0447	RT22041	ELECTRONIC CIRCUIT ANALYSIS	18	50	3
15VV1A0447	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	20	55	3
15VV1A0447	RT22043	MANAGEMENT SCIENCE	19	54	3
15VV1A0447	RT22044	EM WAVES AND TRANSMISSION LINES	25	40	3
15VV1A0447	RT22045	ANALOG COMMUNICATIONS	24	33	3
15VV1A0447	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	22	42	2
15VV1A0447	RT22047	ANALOG COMMUNICATIONS LAB	23	42	2
15VV1A0501	RT22051	PROBABILITY AND STATISTICS	29	32	3
15VV1A0501	RT22052	JAVA PROGRAMMING	16	44	3
15VV1A0501	RT22053	ADVANCED DATA STRUCTURES	19	39	3
15VV1A0501	RT22054	COMPUTER ORGANIZATION	19	48	3
15VV1A0501	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	38	3
15VV1A0501	RT22056	ADVANCED DATA STRUCTURES LAB	20	39	2
15VV1A0501	RT22057	JAVA PROGRAMMING LAB	18	34	2
15VV1A0501	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	38	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0502	RT22051	PROBABILITY AND STATISTICS	30	49	3
15VV1A0502	RT22052	JAVA PROGRAMMING	22	57	3
15VV1A0502	RT22053	ADVANCED DATA STRUCTURES	28	54	3
15VV1A0502	RT22054	COMPUTER ORGANIZATION	26	61	3
15VV1A0502	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	47	3
15VV1A0502	RT22056	ADVANCED DATA STRUCTURES LAB	25	47	2
15VV1A0502	RT22057	JAVA PROGRAMMING LAB	23	48	2
15VV1A0502	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	25	50	2
15VV1A0503	RT22051	PROBABILITY AND STATISTICS	28	34	3
15VV1A0503	RT22052	JAVA PROGRAMMING	12	38	3
15VV1A0503	RT22053	ADVANCED DATA STRUCTURES	14	37	3
15VV1A0503	RT22054	COMPUTER ORGANIZATION	23	33	3
15VV1A0503	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	13	45	3
15VV1A0503	RT22056	ADVANCED DATA STRUCTURES LAB	16	33	2
15VV1A0503	RT22057	JAVA PROGRAMMING LAB	13	27	2
15VV1A0503	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	46	2
15VV1A0504	RT22051	PROBABILITY AND STATISTICS	28	45	3
15VV1A0504	RT22052	JAVA PROGRAMMING	18	43	3
15VV1A0504	RT22053	ADVANCED DATA STRUCTURES	28	37	3
15VV1A0504	RT22054	COMPUTER ORGANIZATION	25	49	3
15VV1A0504	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	53	3
15VV1A0504	RT22056	ADVANCED DATA STRUCTURES LAB	25	45	2
15VV1A0504	RT22057	JAVA PROGRAMMING LAB	21	43	2
15VV1A0504	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	47	2
15VV1A0505	RT22051	PROBABILITY AND STATISTICS	28	48	3
15VV1A0505	RT22052	JAVA PROGRAMMING	16	49	3
15VV1A0505	RT22053	ADVANCED DATA STRUCTURES	20	40	3
15VV1A0505	RT22054	COMPUTER ORGANIZATION	25	40	3
15VV1A0505	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	51	3
15VV1A0505	RT22056	ADVANCED DATA STRUCTURES LAB	19	35	2
15VV1A0505	RT22057	JAVA PROGRAMMING LAB	14	32	2
15VV1A0505	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	41	2
15VV1A0506	RT22051	PROBABILITY AND STATISTICS	27	50	3
15VV1A0506	RT22052	JAVA PROGRAMMING	18	53	3
15VV1A0506	RT22053	ADVANCED DATA STRUCTURES	24	36	3
15VV1A0506	RT22054	COMPUTER ORGANIZATION	22	44	3
15VV1A0506	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	47	3
15VV1A0506	RT22056	ADVANCED DATA STRUCTURES LAB	24	44	2
15VV1A0506	RT22057	JAVA PROGRAMMING LAB	22	40	2
15VV1A0506	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	46	2
15VV1A0507	RT22051	PROBABILITY AND STATISTICS	27	25	3
15VV1A0507	RT22052	JAVA PROGRAMMING	18	41	3
15VV1A0507	RT22053	ADVANCED DATA STRUCTURES	20	31	3
15VV1A0507	RT22054	COMPUTER ORGANIZATION	20	35	3
15VV1A0507	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	12	30	3
15VV1A0507	RT22056	ADVANCED DATA STRUCTURES LAB	15	31	2
15VV1A0507	RT22057	JAVA PROGRAMMING LAB	11	22	2
15VV1A0507	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	45	2
15VV1A0508	RT22051	PROBABILITY AND STATISTICS	29	43	3
15VV1A0508	RT22052	JAVA PROGRAMMING	22	52	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0508	RT22053	ADVANCED DATA STRUCTURES	20	47	3
15VV1A0508	RT22054	COMPUTER ORGANIZATION	24	37	3
15VV1A0508	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	50	3
15VV1A0508	RT22056	ADVANCED DATA STRUCTURES LAB	22	37	2
15VV1A0508	RT22057	JAVA PROGRAMMING LAB	22	44	2
15VV1A0508	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	49	2
15VV1A0509	RT22051	PROBABILITY AND STATISTICS	27	16	0
15VV1A0509	RT22052	JAVA PROGRAMMING	17	55	3
15VV1A0509	RT22053	ADVANCED DATA STRUCTURES	21	41	3
15VV1A0509	RT22054	COMPUTER ORGANIZATION	24	41	3
15VV1A0509	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	53	3
15VV1A0509	RT22056	ADVANCED DATA STRUCTURES LAB	19	37	2
15VV1A0509	RT22057	JAVA PROGRAMMING LAB	15	25	2
15VV1A0509	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	49	2
15VV1A0510	RT22051	PROBABILITY AND STATISTICS	29	46	3
15VV1A0510	RT22052	JAVA PROGRAMMING	21	60	3
15VV1A0510	RT22053	ADVANCED DATA STRUCTURES	23	39	3
15VV1A0510	RT22054	COMPUTER ORGANIZATION	23	49	3
15VV1A0510	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	26	50	3
15VV1A0510	RT22056	ADVANCED DATA STRUCTURES LAB	24	38	2
15VV1A0510	RT22057	JAVA PROGRAMMING LAB	21	46	2
15VV1A0510	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	45	2
15VV1A0511	RT22051	PROBABILITY AND STATISTICS	28	39	3
15VV1A0511	RT22052	JAVA PROGRAMMING	15	56	3
15VV1A0511	RT22053	ADVANCED DATA STRUCTURES	21	47	3
15VV1A0511	RT22054	COMPUTER ORGANIZATION	20	35	3
15VV1A0511	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	59	3
15VV1A0511	RT22056	ADVANCED DATA STRUCTURES LAB	19	39	2
15VV1A0511	RT22057	JAVA PROGRAMMING LAB	20	30	2
15VV1A0511	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	46	2
15VV1A0512	RT22051	PROBABILITY AND STATISTICS	28	32	3
15VV1A0512	RT22052	JAVA PROGRAMMING	21	59	3
15VV1A0512	RT22053	ADVANCED DATA STRUCTURES	23	53	3
15VV1A0512	RT22054	COMPUTER ORGANIZATION	26	50	3
15VV1A0512	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	57	3
15VV1A0512	RT22056	ADVANCED DATA STRUCTURES LAB	22	37	2
15VV1A0512	RT22057	JAVA PROGRAMMING LAB	20	41	2
15VV1A0512	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	47	2
15VV1A0513	RT22051	PROBABILITY AND STATISTICS	26	32	3
15VV1A0513	RT22052	JAVA PROGRAMMING	14	48	3
15VV1A0513	RT22053	ADVANCED DATA STRUCTURES	21	39	3
15VV1A0513	RT22054	COMPUTER ORGANIZATION	20	41	3
15VV1A0513	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	52	3
15VV1A0513	RT22056	ADVANCED DATA STRUCTURES LAB	18	33	2
15VV1A0513	RT22057	JAVA PROGRAMMING LAB	17	33	2
15VV1A0513	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	48	2
15VV1A0514	RT22051	PROBABILITY AND STATISTICS	24	39	3
15VV1A0514	RT22052	JAVA PROGRAMMING	15	45	3
15VV1A0514	RT22053	ADVANCED DATA STRUCTURES	20	34	3
15VV1A0514	RT22054	COMPUTER ORGANIZATION	20	28	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0514	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	48	3
15VV1A0514	RT22056	ADVANCED DATA STRUCTURES LAB	16	34	2
15VV1A0514	RT22057	JAVA PROGRAMMING LAB	15	22	2
15VV1A0514	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	40	2
15VV1A0515	RT22051	PROBABILITY AND STATISTICS	28	35	3
15VV1A0515	RT22052	JAVA PROGRAMMING	15	55	3
15VV1A0515	RT22053	ADVANCED DATA STRUCTURES	21	41	3
15VV1A0515	RT22054	COMPUTER ORGANIZATION	24	48	3
15VV1A0515	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	52	3
15VV1A0515	RT22056	ADVANCED DATA STRUCTURES LAB	18	31	2
15VV1A0515	RT22057	JAVA PROGRAMMING LAB	19	26	2
15VV1A0515	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	42	2
15VV1A0516	RT22051	PROBABILITY AND STATISTICS	29	46	3
15VV1A0516	RT22052	JAVA PROGRAMMING	24	59	3
15VV1A0516	RT22053	ADVANCED DATA STRUCTURES	25	44	3
15VV1A0516	RT22054	COMPUTER ORGANIZATION	25	50	3
15VV1A0516	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	61	3
15VV1A0516	RT22056	ADVANCED DATA STRUCTURES LAB	25	48	2
15VV1A0516	RT22057	JAVA PROGRAMMING LAB	25	50	2
15VV1A0516	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	25	50	2
15VV1A0517	RT22051	PROBABILITY AND STATISTICS	30	48	3
15VV1A0517	RT22052	JAVA PROGRAMMING	25	59	3
15VV1A0517	RT22053	ADVANCED DATA STRUCTURES	29	50	3
15VV1A0517	RT22054	COMPUTER ORGANIZATION	28	57	3
15VV1A0517	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	27	61	3
15VV1A0517	RT22056	ADVANCED DATA STRUCTURES LAB	25	47	2
15VV1A0517	RT22057	JAVA PROGRAMMING LAB	25	49	2
15VV1A0517	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	25	49	2
15VV1A0518	RT22051	PROBABILITY AND STATISTICS	26	42	3
15VV1A0518	RT22052	JAVA PROGRAMMING	16	50	3
15VV1A0518	RT22053	ADVANCED DATA STRUCTURES	18	38	3
15VV1A0518	RT22054	COMPUTER ORGANIZATION	23	41	3
15VV1A0518	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	51	3
15VV1A0518	RT22056	ADVANCED DATA STRUCTURES LAB	17	32	2
15VV1A0518	RT22057	JAVA PROGRAMMING LAB	11	23	2
15VV1A0518	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	44	2
15VV1A0520	RT22051	PROBABILITY AND STATISTICS	25	44	3
15VV1A0520	RT22052	JAVA PROGRAMMING	20	43	3
15VV1A0520	RT22053	ADVANCED DATA STRUCTURES	20	38	3
15VV1A0520	RT22054	COMPUTER ORGANIZATION	20	38	3
15VV1A0520	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	50	3
15VV1A0520	RT22056	ADVANCED DATA STRUCTURES LAB	21	42	2
15VV1A0520	RT22057	JAVA PROGRAMMING LAB	20	36	2
15VV1A0520	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	48	2
15VV1A0521	RT22051	PROBABILITY AND STATISTICS	26	44	3
15VV1A0521	RT22052	JAVA PROGRAMMING	16	56	3
15VV1A0521	RT22053	ADVANCED DATA STRUCTURES	18	45	3
15VV1A0521	RT22054	COMPUTER ORGANIZATION	24	39	3
15VV1A0521	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	54	3
15VV1A0521	RT22056	ADVANCED DATA STRUCTURES LAB	17	29	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0521	RT22057	JAVA PROGRAMMING LAB	16	22	2
15VV1A0521	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	47	2
15VV1A0523	RT22051	PROBABILITY AND STATISTICS	26	47	3
15VV1A0523	RT22052	JAVA PROGRAMMING	20	51	3
15VV1A0523	RT22053	ADVANCED DATA STRUCTURES	24	50	3
15VV1A0523	RT22054	COMPUTER ORGANIZATION	25	49	3
15VV1A0523	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	27	59	3
15VV1A0523	RT22056	ADVANCED DATA STRUCTURES LAB	24	42	2
15VV1A0523	RT22057	JAVA PROGRAMMING LAB	22	49	2
15VV1A0523	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	49	2
15VV1A0524	RT22051	PROBABILITY AND STATISTICS	28	53	3
15VV1A0524	RT22052	JAVA PROGRAMMING	21	48	3
15VV1A0524	RT22053	ADVANCED DATA STRUCTURES	28	32	3
15VV1A0524	RT22054	COMPUTER ORGANIZATION	27	53	3
15VV1A0524	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	27	60	3
15VV1A0524	RT22056	ADVANCED DATA STRUCTURES LAB	24	45	2
15VV1A0524	RT22057	JAVA PROGRAMMING LAB	21	45	2
15VV1A0524	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	49	2
15VV1A0525	RT22051	PROBABILITY AND STATISTICS	25	46	3
15VV1A0525	RT22052	JAVA PROGRAMMING	18	53	3
15VV1A0525	RT22053	ADVANCED DATA STRUCTURES	25	50	3
15VV1A0525	RT22054	COMPUTER ORGANIZATION	27	49	3
15VV1A0525	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	60	3
15VV1A0525	RT22056	ADVANCED DATA STRUCTURES LAB	21	45	2
15VV1A0525	RT22057	JAVA PROGRAMMING LAB	22	36	2
15VV1A0525	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	49	2
15VV1A0526	RT22051	PROBABILITY AND STATISTICS	26	39	3
15VV1A0526	RT22052	JAVA PROGRAMMING	13	33	3
15VV1A0526	RT22053	ADVANCED DATA STRUCTURES	15	38	3
15VV1A0526	RT22054	COMPUTER ORGANIZATION	22	31	3
15VV1A0526	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	45	3
15VV1A0526	RT22056	ADVANCED DATA STRUCTURES LAB	18	36	2
15VV1A0526	RT22057	JAVA PROGRAMMING LAB	15	16	0
15VV1A0526	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	47	2
15VV1A0527	RT22051	PROBABILITY AND STATISTICS	27	32	3
15VV1A0527	RT22052	JAVA PROGRAMMING	15	43	3
15VV1A0527	RT22053	ADVANCED DATA STRUCTURES	16	31	3
15VV1A0527	RT22054	COMPUTER ORGANIZATION	23	31	3
15VV1A0527	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	45	3
15VV1A0527	RT22056	ADVANCED DATA STRUCTURES LAB	20	37	2
15VV1A0527	RT22057	JAVA PROGRAMMING LAB	19	29	2
15VV1A0527	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	41	2
15VV1A0528	RT22051	PROBABILITY AND STATISTICS	29	45	3
15VV1A0528	RT22052	JAVA PROGRAMMING	24	54	3
15VV1A0528	RT22053	ADVANCED DATA STRUCTURES	25	53	3
15VV1A0528	RT22054	COMPUTER ORGANIZATION	27	54	3
15VV1A0528	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	28	51	3
15VV1A0528	RT22056	ADVANCED DATA STRUCTURES LAB	24	48	2
15VV1A0528	RT22057	JAVA PROGRAMMING LAB	23	50	2
15VV1A0528	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	49	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0529	RT22051	PROBABILITY AND STATISTICS	28	48	3
15VV1A0529	RT22052	JAVA PROGRAMMING	22	49	3
15VV1A0529	RT22053	ADVANCED DATA STRUCTURES	25	43	3
15VV1A0529	RT22054	COMPUTER ORGANIZATION	25	40	3
15VV1A0529	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	53	3
15VV1A0529	RT22056	ADVANCED DATA STRUCTURES LAB	22	43	2
15VV1A0529	RT22057	JAVA PROGRAMMING LAB	23	46	2
15VV1A0529	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	49	2
15VV1A0530	RT22051	PROBABILITY AND STATISTICS	28	38	3
15VV1A0530	RT22052	JAVA PROGRAMMING	14	43	3
15VV1A0530	RT22053	ADVANCED DATA STRUCTURES	24	45	3
15VV1A0530	RT22054	COMPUTER ORGANIZATION	26	47	3
15VV1A0530	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	47	3
15VV1A0530	RT22056	ADVANCED DATA STRUCTURES LAB	17	37	2
15VV1A0530	RT22057	JAVA PROGRAMMING LAB	14	29	2
15VV1A0530	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	46	2
15VV1A0531	RT22051	PROBABILITY AND STATISTICS	30	53	3
15VV1A0531	RT22052	JAVA PROGRAMMING	23	66	3
15VV1A0531	RT22053	ADVANCED DATA STRUCTURES	28	47	3
15VV1A0531	RT22054	COMPUTER ORGANIZATION	24	53	3
15VV1A0531	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	29	62	3
15VV1A0531	RT22056	ADVANCED DATA STRUCTURES LAB	23	46	2
15VV1A0531	RT22057	JAVA PROGRAMMING LAB	21	44	2
15VV1A0531	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	49	2
15VV1A0532	RT22051	PROBABILITY AND STATISTICS	26	36	3
15VV1A0532	RT22052	JAVA PROGRAMMING	19	35	3
15VV1A0532	RT22053	ADVANCED DATA STRUCTURES	16	39	3
15VV1A0532	RT22054	COMPUTER ORGANIZATION	21	34	3
15VV1A0532	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	44	3
15VV1A0532	RT22056	ADVANCED DATA STRUCTURES LAB	11	20	2
15VV1A0532	RT22057	JAVA PROGRAMMING LAB	15	28	2
15VV1A0532	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	45	2
15VV1A0533	RT22051	PROBABILITY AND STATISTICS	20	28	3
15VV1A0533	RT22052	JAVA PROGRAMMING	18	42	3
15VV1A0533	RT22053	ADVANCED DATA STRUCTURES	12	39	3
15VV1A0533	RT22054	COMPUTER ORGANIZATION	21	43	3
15VV1A0533	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	42	3
15VV1A0533	RT22056	ADVANCED DATA STRUCTURES LAB	18	28	2
15VV1A0533	RT22057	JAVA PROGRAMMING LAB	15	25	2
15VV1A0533	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	40	2
15VV1A0534	RT22051	PROBABILITY AND STATISTICS	28	52	3
15VV1A0534	RT22052	JAVA PROGRAMMING	20	45	3
15VV1A0534	RT22053	ADVANCED DATA STRUCTURES	25	36	3
15VV1A0534	RT22054	COMPUTER ORGANIZATION	25	45	3
15VV1A0534	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	26	54	3
15VV1A0534	RT22056	ADVANCED DATA STRUCTURES LAB	23	44	2
15VV1A0534	RT22057	JAVA PROGRAMMING LAB	22	42	2
15VV1A0534	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	45	2
15VV1A0535	RT22051	PROBABILITY AND STATISTICS	29	46	3
15VV1A0535	RT22052	JAVA PROGRAMMING	12	58	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0535	RT22053	ADVANCED DATA STRUCTURES	23	41	3
15VV1A0535	RT22054	COMPUTER ORGANIZATION	25	54	3
15VV1A0535	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	54	3
15VV1A0535	RT22056	ADVANCED DATA STRUCTURES LAB	21	41	2
15VV1A0535	RT22057	JAVA PROGRAMMING LAB	16	39	2
15VV1A0535	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	46	2
15VV1A0536	RT22051	PROBABILITY AND STATISTICS	30	49	3
15VV1A0536	RT22052	JAVA PROGRAMMING	19	63	3
15VV1A0536	RT22053	ADVANCED DATA STRUCTURES	26	46	3
15VV1A0536	RT22054	COMPUTER ORGANIZATION	26	54	3
15VV1A0536	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	26	54	3
15VV1A0536	RT22056	ADVANCED DATA STRUCTURES LAB	24	48	2
15VV1A0536	RT22057	JAVA PROGRAMMING LAB	19	37	2
15VV1A0536	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	44	2
15VV1A0537	RT22051	PROBABILITY AND STATISTICS	29	52	3
15VV1A0537	RT22052	JAVA PROGRAMMING	23	57	3
15VV1A0537	RT22053	ADVANCED DATA STRUCTURES	25	41	3
15VV1A0537	RT22054	COMPUTER ORGANIZATION	27	52	3
15VV1A0537	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	54	3
15VV1A0537	RT22056	ADVANCED DATA STRUCTURES LAB	24	44	2
15VV1A0537	RT22057	JAVA PROGRAMMING LAB	23	45	2
15VV1A0537	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	47	2
15VV1A0539	RT22051	PROBABILITY AND STATISTICS	26	29	3
15VV1A0539	RT22052	JAVA PROGRAMMING	19	57	3
15VV1A0539	RT22053	ADVANCED DATA STRUCTURES	20	43	3
15VV1A0539	RT22054	COMPUTER ORGANIZATION	24	44	3
15VV1A0539	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	54	3
15VV1A0539	RT22056	ADVANCED DATA STRUCTURES LAB	20	33	2
15VV1A0539	RT22057	JAVA PROGRAMMING LAB	17	29	2
15VV1A0539	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	42	2
15VV1A0540	RT22051	PROBABILITY AND STATISTICS	25	46	3
15VV1A0540	RT22052	JAVA PROGRAMMING	19	62	3
15VV1A0540	RT22053	ADVANCED DATA STRUCTURES	21	41	3
15VV1A0540	RT22054	COMPUTER ORGANIZATION	22	42	3
15VV1A0540	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	54	3
15VV1A0540	RT22056	ADVANCED DATA STRUCTURES LAB	19	41	2
15VV1A0540	RT22057	JAVA PROGRAMMING LAB	20	38	2
15VV1A0540	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	46	2
15VV1A0541	RT22051	PROBABILITY AND STATISTICS	24	14	0
15VV1A0541	RT22052	JAVA PROGRAMMING	17	38	3
15VV1A0541	RT22053	ADVANCED DATA STRUCTURES	14	26	3
15VV1A0541	RT22054	COMPUTER ORGANIZATION	23	29	3
15VV1A0541	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	37	3
15VV1A0541	RT22056	ADVANCED DATA STRUCTURES LAB	19	26	2
15VV1A0541	RT22057	JAVA PROGRAMMING LAB	11	21	2
15VV1A0541	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	30	2
15VV1A0542	RT22051	PROBABILITY AND STATISTICS	27	12	0
15VV1A0542	RT22052	JAVA PROGRAMMING	17	49	3
15VV1A0542	RT22053	ADVANCED DATA STRUCTURES	13	30	3
15VV1A0542	RT22054	COMPUTER ORGANIZATION	19	36	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0542	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	46	3
15VV1A0542	RT22056	ADVANCED DATA STRUCTURES LAB	10	22	2
15VV1A0542	RT22057	JAVA PROGRAMMING LAB	13	22	2
15VV1A0542	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	42	2
15VV1A0543	RT22051	PROBABILITY AND STATISTICS	28	54	3
15VV1A0543	RT22052	JAVA PROGRAMMING	19	57	3
15VV1A0543	RT22053	ADVANCED DATA STRUCTURES	26	41	3
15VV1A0543	RT22054	COMPUTER ORGANIZATION	24	57	3
15VV1A0543	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	70	3
15VV1A0543	RT22056	ADVANCED DATA STRUCTURES LAB	24	47	2
15VV1A0543	RT22057	JAVA PROGRAMMING LAB	20	34	2
15VV1A0543	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	48	2
15VV1A0544	RT22051	PROBABILITY AND STATISTICS	25	15	0
15VV1A0544	RT22052	JAVA PROGRAMMING	10	55	3
15VV1A0544	RT22053	ADVANCED DATA STRUCTURES	6	34	3
15VV1A0544	RT22054	COMPUTER ORGANIZATION	14	16	0
15VV1A0544	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	13	39	3
15VV1A0544	RT22056	ADVANCED DATA STRUCTURES LAB	14	23	2
15VV1A0544	RT22057	JAVA PROGRAMMING LAB	7	14	0
15VV1A0544	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	37	2
15VV1A0545	RT22051	PROBABILITY AND STATISTICS	28	41	3
15VV1A0545	RT22052	JAVA PROGRAMMING	20	51	3
15VV1A0545	RT22053	ADVANCED DATA STRUCTURES	24	43	3
15VV1A0545	RT22054	COMPUTER ORGANIZATION	22	44	3
15VV1A0545	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	55	3
15VV1A0545	RT22056	ADVANCED DATA STRUCTURES LAB	19	36	2
15VV1A0545	RT22057	JAVA PROGRAMMING LAB	21	45	2
15VV1A0545	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	46	2
15VV1A0546	RT22051	PROBABILITY AND STATISTICS	28	40	3
15VV1A0546	RT22052	JAVA PROGRAMMING	19	53	3
15VV1A0546	RT22053	ADVANCED DATA STRUCTURES	17	38	3
15VV1A0546	RT22054	COMPUTER ORGANIZATION	23	34	3
15VV1A0546	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	47	3
15VV1A0546	RT22056	ADVANCED DATA STRUCTURES LAB	19	39	2
15VV1A0546	RT22057	JAVA PROGRAMMING LAB	18	37	2
15VV1A0546	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	47	2
15VV1A0547	RT22051	PROBABILITY AND STATISTICS	26	42	3
15VV1A0547	RT22052	JAVA PROGRAMMING	19	56	3
15VV1A0547	RT22053	ADVANCED DATA STRUCTURES	21	34	3
15VV1A0547	RT22054	COMPUTER ORGANIZATION	23	40	3
15VV1A0547	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	57	3
15VV1A0547	RT22056	ADVANCED DATA STRUCTURES LAB	13	41	2
15VV1A0547	RT22057	JAVA PROGRAMMING LAB	17	28	2
15VV1A0547	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	46	2
15VV1A0548	RT22051	PROBABILITY AND STATISTICS	27	49	3
15VV1A0548	RT22052	JAVA PROGRAMMING	19	58	3
15VV1A0548	RT22053	ADVANCED DATA STRUCTURES	20	43	3
15VV1A0548	RT22054	COMPUTER ORGANIZATION	23	42	3
15VV1A0548	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	54	3
15VV1A0548	RT22056	ADVANCED DATA STRUCTURES LAB	21	37	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A0548	RT22057	JAVA PROGRAMMING LAB	18	35	2
15VV1A0548	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	46	2
15VV1A0550	RT22051	PROBABILITY AND STATISTICS	25	29	3
15VV1A0550	RT22052	JAVA PROGRAMMING	24	54	3
15VV1A0550	RT22053	ADVANCED DATA STRUCTURES	23	44	3
15VV1A0550	RT22054	COMPUTER ORGANIZATION	24	45	3
15VV1A0550	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	56	3
15VV1A0550	RT22056	ADVANCED DATA STRUCTURES LAB	20	41	2
15VV1A0550	RT22057	JAVA PROGRAMMING LAB	24	45	2
15VV1A0550	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	49	2
15VV1A0552	RT22051	PROBABILITY AND STATISTICS	27	47	3
15VV1A0552	RT22052	JAVA PROGRAMMING	20	41	3
15VV1A0552	RT22053	ADVANCED DATA STRUCTURES	24	51	3
15VV1A0552	RT22054	COMPUTER ORGANIZATION	26	35	3
15VV1A0552	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	42	3
15VV1A0552	RT22056	ADVANCED DATA STRUCTURES LAB	21	42	2
15VV1A0552	RT22057	JAVA PROGRAMMING LAB	21	37	2
15VV1A0552	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	46	2
15VV1A0553	RT22051	PROBABILITY AND STATISTICS	14	13	0
15VV1A0553	RT22052	JAVA PROGRAMMING	20	18	0
15VV1A0553	RT22053	ADVANCED DATA STRUCTURES	15	28	3
15VV1A0553	RT22054	COMPUTER ORGANIZATION	23	24	3
15VV1A0553	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	13	33	3
15VV1A0553	RT22056	ADVANCED DATA STRUCTURES LAB	13	18	2
15VV1A0553	RT22057	JAVA PROGRAMMING LAB	17	27	2
15VV1A0553	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	44	2
15VV1A1201	RT22051	PROBABILITY AND STATISTICS	23	27	3
15VV1A1201	RT22052	JAVA PROGRAMMING	20	19	0
15VV1A1201	RT22053	ADVANCED DATA STRUCTURES	17	24	3
15VV1A1201	RT22054	COMPUTER ORGANIZATION	17	24	3
15VV1A1201	RT22056	ADVANCED DATA STRUCTURES LAB	15	40	2
15VV1A1201	RT22057	JAVA PROGRAMMING LAB	17	40	2
15VV1A1201	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	15	33	2
15VV1A1201	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	16	24	3
15VV1A1202	RT22051	PROBABILITY AND STATISTICS	24	37	3
15VV1A1202	RT22052	JAVA PROGRAMMING	24	43	3
15VV1A1202	RT22053	ADVANCED DATA STRUCTURES	22	46	3
15VV1A1202	RT22054	COMPUTER ORGANIZATION	22	35	3
15VV1A1202	RT22056	ADVANCED DATA STRUCTURES LAB	20	43	2
15VV1A1202	RT22057	JAVA PROGRAMMING LAB	20	43	2
15VV1A1202	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	40	2
15VV1A1202	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	20	38	3
15VV1A1203	RT22051	PROBABILITY AND STATISTICS	25	32	3
15VV1A1203	RT22052	JAVA PROGRAMMING	21	43	3
15VV1A1203	RT22053	ADVANCED DATA STRUCTURES	24	48	3
15VV1A1203	RT22054	COMPUTER ORGANIZATION	17	32	3
15VV1A1203	RT22056	ADVANCED DATA STRUCTURES LAB	18	42	2
15VV1A1203	RT22057	JAVA PROGRAMMING LAB	18	41	2
15VV1A1203	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	15	35	2
15VV1A1203	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	18	34	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1205	RT22051	PROBABILITY AND STATISTICS	23	26	3
15VV1A1205	RT22052	JAVA PROGRAMMING	17	28	3
15VV1A1205	RT22053	ADVANCED DATA STRUCTURES	23	47	3
15VV1A1205	RT22054	COMPUTER ORGANIZATION	20	35	3
15VV1A1205	RT22056	ADVANCED DATA STRUCTURES LAB	18	41	2
15VV1A1205	RT22057	JAVA PROGRAMMING LAB	19	42	2
15VV1A1205	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	34	2
15VV1A1205	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	23	38	3
15VV1A1206	RT22051	PROBABILITY AND STATISTICS	25	41	3
15VV1A1206	RT22052	JAVA PROGRAMMING	17	26	3
15VV1A1206	RT22053	ADVANCED DATA STRUCTURES	23	58	3
15VV1A1206	RT22054	COMPUTER ORGANIZATION	18	39	3
15VV1A1206	RT22056	ADVANCED DATA STRUCTURES LAB	17	45	2
15VV1A1206	RT22057	JAVA PROGRAMMING LAB	19	42	2
15VV1A1206	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	16	32	2
15VV1A1206	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	17	27	3
15VV1A1207	RT22051	PROBABILITY AND STATISTICS	24	39	3
15VV1A1207	RT22052	JAVA PROGRAMMING	21	39	3
15VV1A1207	RT22053	ADVANCED DATA STRUCTURES	23	40	3
15VV1A1207	RT22054	COMPUTER ORGANIZATION	25	37	3
15VV1A1207	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
15VV1A1207	RT22057	JAVA PROGRAMMING LAB	20	44	2
15VV1A1207	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	17	45	2
15VV1A1207	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	33	3
15VV1A1208	RT22051	PROBABILITY AND STATISTICS	24	24	3
15VV1A1208	RT22052	JAVA PROGRAMMING	20	34	3
15VV1A1208	RT22053	ADVANCED DATA STRUCTURES	24	50	3
15VV1A1208	RT22054	COMPUTER ORGANIZATION	23	36	3
15VV1A1208	RT22056	ADVANCED DATA STRUCTURES LAB	19	43	2
15VV1A1208	RT22057	JAVA PROGRAMMING LAB	20	44	2
15VV1A1208	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	17	43	2
15VV1A1208	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	27	3
15VV1A1209	RT22051	PROBABILITY AND STATISTICS	30	51	3
15VV1A1209	RT22052	JAVA PROGRAMMING	27	49	3
15VV1A1209	RT22053	ADVANCED DATA STRUCTURES	29	53	3
15VV1A1209	RT22054	COMPUTER ORGANIZATION	28	44	3
15VV1A1209	RT22056	ADVANCED DATA STRUCTURES LAB	24	50	2
15VV1A1209	RT22057	JAVA PROGRAMMING LAB	24	50	2
15VV1A1209	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	47	2
15VV1A1209	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	52	3
15VV1A1210	RT22051	PROBABILITY AND STATISTICS	22	32	3
15VV1A1210	RT22052	JAVA PROGRAMMING	19	34	3
15VV1A1210	RT22053	ADVANCED DATA STRUCTURES	23	45	3
15VV1A1210	RT22054	COMPUTER ORGANIZATION	24	41	3
15VV1A1210	RT22056	ADVANCED DATA STRUCTURES LAB	19	47	2
15VV1A1210	RT22057	JAVA PROGRAMMING LAB	22	48	2
15VV1A1210	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	17	44	2
15VV1A1210	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	38	3
15VV1A1211	RT22051	PROBABILITY AND STATISTICS	25	35	3
15VV1A1211	RT22052	JAVA PROGRAMMING	24	36	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1211	RT22053	ADVANCED DATA STRUCTURES	29	59	3
15VV1A1211	RT22054	COMPUTER ORGANIZATION	27	47	3
15VV1A1211	RT22056	ADVANCED DATA STRUCTURES LAB	22	50	2
15VV1A1211	RT22057	JAVA PROGRAMMING LAB	19	40	2
15VV1A1211	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	42	2
15VV1A1211	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	46	3
15VV1A1212	RT22051	PROBABILITY AND STATISTICS	28	46	3
15VV1A1212	RT22052	JAVA PROGRAMMING	24	33	3
15VV1A1212	RT22053	ADVANCED DATA STRUCTURES	26	54	3
15VV1A1212	RT22054	COMPUTER ORGANIZATION	26	49	3
15VV1A1212	RT22056	ADVANCED DATA STRUCTURES LAB	21	48	2
15VV1A1212	RT22057	JAVA PROGRAMMING LAB	20	43	2
15VV1A1212	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	43	2
15VV1A1212	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	23	38	3
15VV1A1213	RT22051	PROBABILITY AND STATISTICS	21	24	3
15VV1A1213	RT22052	JAVA PROGRAMMING	21	16	0
15VV1A1213	RT22053	ADVANCED DATA STRUCTURES	24	33	3
15VV1A1213	RT22054	COMPUTER ORGANIZATION	16	24	3
15VV1A1213	RT22056	ADVANCED DATA STRUCTURES LAB	19	45	2
15VV1A1213	RT22057	JAVA PROGRAMMING LAB	19	40	2
15VV1A1213	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	16	35	2
15VV1A1213	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	16	16	0
15VV1A1214	RT22051	PROBABILITY AND STATISTICS	27	41	3
15VV1A1214	RT22052	JAVA PROGRAMMING	22	35	3
15VV1A1214	RT22053	ADVANCED DATA STRUCTURES	23	45	3
15VV1A1214	RT22054	COMPUTER ORGANIZATION	28	37	3
15VV1A1214	RT22056	ADVANCED DATA STRUCTURES LAB	21	46	2
15VV1A1214	RT22057	JAVA PROGRAMMING LAB	19	42	2
15VV1A1214	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	44	2
15VV1A1214	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	26	34	3
15VV1A1215	RT22051	PROBABILITY AND STATISTICS	27	45	3
15VV1A1215	RT22052	JAVA PROGRAMMING	22	34	3
15VV1A1215	RT22053	ADVANCED DATA STRUCTURES	24	55	3
15VV1A1215	RT22054	COMPUTER ORGANIZATION	28	46	3
15VV1A1215	RT22056	ADVANCED DATA STRUCTURES LAB	21	46	2
15VV1A1215	RT22057	JAVA PROGRAMMING LAB	22	47	2
15VV1A1215	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	15	42	2
15VV1A1215	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	29	3
15VV1A1216	RT22051	PROBABILITY AND STATISTICS	28	29	3
15VV1A1216	RT22052	JAVA PROGRAMMING	19	17	0
15VV1A1216	RT22053	ADVANCED DATA STRUCTURES	21	34	3
15VV1A1216	RT22054	COMPUTER ORGANIZATION	25	25	3
15VV1A1216	RT22056	ADVANCED DATA STRUCTURES LAB	16	40	2
15VV1A1216	RT22057	JAVA PROGRAMMING LAB	17	40	2
15VV1A1216	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	35	2
15VV1A1216	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	17	24	3
15VV1A1217	RT22051	PROBABILITY AND STATISTICS	27	24	3
15VV1A1217	RT22052	JAVA PROGRAMMING	18	24	3
15VV1A1217	RT22053	ADVANCED DATA STRUCTURES	21	40	3
15VV1A1217	RT22054	COMPUTER ORGANIZATION	19	25	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1217	RT22056	ADVANCED DATA STRUCTURES LAB	19	43	2
15VV1A1217	RT22057	JAVA PROGRAMMING LAB	17	40	2
15VV1A1217	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	41	2
15VV1A1217	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	24	3
15VV1A1219	RT22051	PROBABILITY AND STATISTICS	24	48	3
15VV1A1219	RT22052	JAVA PROGRAMMING	25	46	3
15VV1A1219	RT22053	ADVANCED DATA STRUCTURES	23	64	3
15VV1A1219	RT22054	COMPUTER ORGANIZATION	22	36	3
15VV1A1219	RT22056	ADVANCED DATA STRUCTURES LAB	19	43	2
15VV1A1219	RT22057	JAVA PROGRAMMING LAB	19	42	2
15VV1A1219	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	42	2
15VV1A1219	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	24	34	3
15VV1A1220	RT22051	PROBABILITY AND STATISTICS	25	38	3
15VV1A1220	RT22052	JAVA PROGRAMMING	17	35	3
15VV1A1220	RT22053	ADVANCED DATA STRUCTURES	23	61	3
15VV1A1220	RT22054	COMPUTER ORGANIZATION	24	40	3
15VV1A1220	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
15VV1A1220	RT22057	JAVA PROGRAMMING LAB	19	43	2
15VV1A1220	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	32	2
15VV1A1220	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	18	32	3
15VV1A1221	RT22051	PROBABILITY AND STATISTICS	28	44	3
15VV1A1221	RT22052	JAVA PROGRAMMING	24	48	3
15VV1A1221	RT22053	ADVANCED DATA STRUCTURES	26	64	3
15VV1A1221	RT22054	COMPUTER ORGANIZATION	26	47	3
15VV1A1221	RT22056	ADVANCED DATA STRUCTURES LAB	20	49	2
15VV1A1221	RT22057	JAVA PROGRAMMING LAB	23	48	2
15VV1A1221	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	43	2
15VV1A1221	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	26	39	3
15VV1A1222	RT22051	PROBABILITY AND STATISTICS	27	43	3
15VV1A1222	RT22052	JAVA PROGRAMMING	23	50	3
15VV1A1222	RT22053	ADVANCED DATA STRUCTURES	26	52	3
15VV1A1222	RT22054	COMPUTER ORGANIZATION	27	41	3
15VV1A1222	RT22056	ADVANCED DATA STRUCTURES LAB	20	43	2
15VV1A1222	RT22057	JAVA PROGRAMMING LAB	21	44	2
15VV1A1222	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	42	2
15VV1A1222	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	24	37	3
15VV1A1223	RT22051	PROBABILITY AND STATISTICS	27	32	3
15VV1A1223	RT22052	JAVA PROGRAMMING	23	48	3
15VV1A1223	RT22053	ADVANCED DATA STRUCTURES	25	60	3
15VV1A1223	RT22054	COMPUTER ORGANIZATION	25	51	3
15VV1A1223	RT22056	ADVANCED DATA STRUCTURES LAB	21	49	2
15VV1A1223	RT22057	JAVA PROGRAMMING LAB	22	46	2
15VV1A1223	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	46	2
15VV1A1223	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	23	46	3
15VV1A1224	RT22051	PROBABILITY AND STATISTICS	27	45	3
15VV1A1224	RT22052	JAVA PROGRAMMING	20	45	3
15VV1A1224	RT22053	ADVANCED DATA STRUCTURES	24	53	3
15VV1A1224	RT22054	COMPUTER ORGANIZATION	28	45	3
15VV1A1224	RT22056	ADVANCED DATA STRUCTURES LAB	20	47	2
15VV1A1224	RT22057	JAVA PROGRAMMING LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1224	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	44	2
15VV1A1224	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	45	3
15VV1A1225	RT22051	PROBABILITY AND STATISTICS	28	45	3
15VV1A1225	RT22052	JAVA PROGRAMMING	22	38	3
15VV1A1225	RT22053	ADVANCED DATA STRUCTURES	22	40	3
15VV1A1225	RT22054	COMPUTER ORGANIZATION	22	45	3
15VV1A1225	RT22056	ADVANCED DATA STRUCTURES LAB	20	47	2
15VV1A1225	RT22057	JAVA PROGRAMMING LAB	22	46	2
15VV1A1225	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	16	40	2
15VV1A1225	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	19	38	3
15VV1A1226	RT22051	PROBABILITY AND STATISTICS	29	51	3
15VV1A1226	RT22052	JAVA PROGRAMMING	26	50	3
15VV1A1226	RT22053	ADVANCED DATA STRUCTURES	29	59	3
15VV1A1226	RT22054	COMPUTER ORGANIZATION	29	56	3
15VV1A1226	RT22056	ADVANCED DATA STRUCTURES LAB	20	49	2
15VV1A1226	RT22057	JAVA PROGRAMMING LAB	24	50	2
15VV1A1226	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	45	2
15VV1A1226	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	25	46	3
15VV1A1227	RT22051	PROBABILITY AND STATISTICS	25	46	3
15VV1A1227	RT22052	JAVA PROGRAMMING	25	40	3
15VV1A1227	RT22053	ADVANCED DATA STRUCTURES	23	43	3
15VV1A1227	RT22054	COMPUTER ORGANIZATION	25	29	3
15VV1A1227	RT22056	ADVANCED DATA STRUCTURES LAB	21	44	2
15VV1A1227	RT22057	JAVA PROGRAMMING LAB	20	43	2
15VV1A1227	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	45	2
15VV1A1227	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	35	3
15VV1A1228	RT22051	PROBABILITY AND STATISTICS	26	40	3
15VV1A1228	RT22052	JAVA PROGRAMMING	23	47	3
15VV1A1228	RT22053	ADVANCED DATA STRUCTURES	25	47	3
15VV1A1228	RT22054	COMPUTER ORGANIZATION	26	40	3
15VV1A1228	RT22056	ADVANCED DATA STRUCTURES LAB	21	42	2
15VV1A1228	RT22057	JAVA PROGRAMMING LAB	24	49	2
15VV1A1228	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	44	2
15VV1A1228	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	23	44	3
15VV1A1230	RT22051	PROBABILITY AND STATISTICS	26	37	3
15VV1A1230	RT22052	JAVA PROGRAMMING	24	51	3
15VV1A1230	RT22053	ADVANCED DATA STRUCTURES	25	48	3
15VV1A1230	RT22054	COMPUTER ORGANIZATION	21	44	3
15VV1A1230	RT22056	ADVANCED DATA STRUCTURES LAB	20	49	2
15VV1A1230	RT22057	JAVA PROGRAMMING LAB	23	47	2
15VV1A1230	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	44	2
15VV1A1230	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	35	3
15VV1A1231	RT22051	PROBABILITY AND STATISTICS	26	25	3
15VV1A1231	RT22052	JAVA PROGRAMMING	27	52	3
15VV1A1231	RT22053	ADVANCED DATA STRUCTURES	25	43	3
15VV1A1231	RT22054	COMPUTER ORGANIZATION	20	33	3
15VV1A1231	RT22056	ADVANCED DATA STRUCTURES LAB	19	49	2
15VV1A1231	RT22057	JAVA PROGRAMMING LAB	18	41	2
15VV1A1231	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	40	2
15VV1A1231	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	20	24	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1232	RT22051	PROBABILITY AND STATISTICS	28	47	3
15VV1A1232	RT22052	JAVA PROGRAMMING	27	43	3
15VV1A1232	RT22053	ADVANCED DATA STRUCTURES	24	57	3
15VV1A1232	RT22054	COMPUTER ORGANIZATION	26	30	3
15VV1A1232	RT22056	ADVANCED DATA STRUCTURES LAB	19	47	2
15VV1A1232	RT22057	JAVA PROGRAMMING LAB	23	47	2
15VV1A1232	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	46	2
15VV1A1232	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	20	32	3
15VV1A1233	RT22051	PROBABILITY AND STATISTICS	25	46	3
15VV1A1233	RT22052	JAVA PROGRAMMING	28	43	3
15VV1A1233	RT22053	ADVANCED DATA STRUCTURES	27	47	3
15VV1A1233	RT22054	COMPUTER ORGANIZATION	27	35	3
15VV1A1233	RT22056	ADVANCED DATA STRUCTURES LAB	19	48	2
15VV1A1233	RT22057	JAVA PROGRAMMING LAB	22	46	2
15VV1A1233	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	41	2
15VV1A1233	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	36	3
15VV1A1234	RT22051	PROBABILITY AND STATISTICS	20	14	0
15VV1A1234	RT22052	JAVA PROGRAMMING	16	26	3
15VV1A1234	RT22053	ADVANCED DATA STRUCTURES	16	38	3
15VV1A1234	RT22054	COMPUTER ORGANIZATION	18	40	3
15VV1A1234	RT22056	ADVANCED DATA STRUCTURES LAB	15	40	2
15VV1A1234	RT22057	JAVA PROGRAMMING LAB	17	40	2
15VV1A1234	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	15	32	2
15VV1A1234	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	18	39	3
15VV1A1235	RT22051	PROBABILITY AND STATISTICS	27	51	3
15VV1A1235	RT22052	JAVA PROGRAMMING	24	38	3
15VV1A1235	RT22053	ADVANCED DATA STRUCTURES	22	38	3
15VV1A1235	RT22054	COMPUTER ORGANIZATION	22	45	3
15VV1A1235	RT22056	ADVANCED DATA STRUCTURES LAB	21	48	2
15VV1A1235	RT22057	JAVA PROGRAMMING LAB	21	44	2
15VV1A1235	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	40	2
15VV1A1235	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	25	40	3
15VV1A1237	RT22051	PROBABILITY AND STATISTICS	29	52	3
15VV1A1237	RT22052	JAVA PROGRAMMING	28	50	3
15VV1A1237	RT22053	ADVANCED DATA STRUCTURES	28	58	3
15VV1A1237	RT22054	COMPUTER ORGANIZATION	27	49	3
15VV1A1237	RT22056	ADVANCED DATA STRUCTURES LAB	21	50	2
15VV1A1237	RT22057	JAVA PROGRAMMING LAB	24	50	2
15VV1A1237	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	44	2
15VV1A1237	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	27	44	3
15VV1A1238	RT22051	PROBABILITY AND STATISTICS	25	46	3
15VV1A1238	RT22052	JAVA PROGRAMMING	19	49	3
15VV1A1238	RT22053	ADVANCED DATA STRUCTURES	24	64	3
15VV1A1238	RT22054	COMPUTER ORGANIZATION	22	47	3
15VV1A1238	RT22056	ADVANCED DATA STRUCTURES LAB	20	46	2
15VV1A1238	RT22057	JAVA PROGRAMMING LAB	20	45	2
15VV1A1238	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	15	39	2
15VV1A1238	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	48	3
15VV1A1239	RT22051	PROBABILITY AND STATISTICS	25	43	3
15VV1A1239	RT22052	JAVA PROGRAMMING	24	43	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1239	RT22053	ADVANCED DATA STRUCTURES	26	57	3
15VV1A1239	RT22054	COMPUTER ORGANIZATION	24	48	3
15VV1A1239	RT22056	ADVANCED DATA STRUCTURES LAB	21	46	2
15VV1A1239	RT22057	JAVA PROGRAMMING LAB	22	46	2
15VV1A1239	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	45	2
15VV1A1239	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	24	52	3
15VV1A1240	RT22051	PROBABILITY AND STATISTICS	27	33	3
15VV1A1240	RT22052	JAVA PROGRAMMING	28	36	3
15VV1A1240	RT22053	ADVANCED DATA STRUCTURES	25	37	3
15VV1A1240	RT22054	COMPUTER ORGANIZATION	25	44	3
15VV1A1240	RT22056	ADVANCED DATA STRUCTURES LAB	18	43	2
15VV1A1240	RT22057	JAVA PROGRAMMING LAB	19	41	2
15VV1A1240	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	39	2
15VV1A1240	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	25	3
15VV1A1241	RT22051	PROBABILITY AND STATISTICS	27	56	3
15VV1A1241	RT22052	JAVA PROGRAMMING	24	47	3
15VV1A1241	RT22053	ADVANCED DATA STRUCTURES	25	39	3
15VV1A1241	RT22054	COMPUTER ORGANIZATION	25	43	3
15VV1A1241	RT22056	ADVANCED DATA STRUCTURES LAB	20	44	2
15VV1A1241	RT22057	JAVA PROGRAMMING LAB	21	46	2
15VV1A1241	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	43	2
15VV1A1241	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	26	37	3
15VV1A1242	RT22051	PROBABILITY AND STATISTICS	29	52	3
15VV1A1242	RT22052	JAVA PROGRAMMING	20	42	3
15VV1A1242	RT22053	ADVANCED DATA STRUCTURES	23	39	3
15VV1A1242	RT22054	COMPUTER ORGANIZATION	21	28	3
15VV1A1242	RT22056	ADVANCED DATA STRUCTURES LAB	21	45	2
15VV1A1242	RT22057	JAVA PROGRAMMING LAB	20	42	2
15VV1A1242	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	42	2
15VV1A1242	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	25	36	3
15VV1A1243	RT22051	PROBABILITY AND STATISTICS	28	52	3
15VV1A1243	RT22052	JAVA PROGRAMMING	24	47	3
15VV1A1243	RT22053	ADVANCED DATA STRUCTURES	24	54	3
15VV1A1243	RT22054	COMPUTER ORGANIZATION	27	50	3
15VV1A1243	RT22056	ADVANCED DATA STRUCTURES LAB	17	48	2
15VV1A1243	RT22057	JAVA PROGRAMMING LAB	23	48	2
15VV1A1243	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	43	2
15VV1A1243	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	20	42	3
15VV1A1244	RT22051	PROBABILITY AND STATISTICS	25	39	3
15VV1A1244	RT22052	JAVA PROGRAMMING	22	42	3
15VV1A1244	RT22053	ADVANCED DATA STRUCTURES	25	63	3
15VV1A1244	RT22054	COMPUTER ORGANIZATION	25	49	3
15VV1A1244	RT22056	ADVANCED DATA STRUCTURES LAB	18	47	2
15VV1A1244	RT22057	JAVA PROGRAMMING LAB	21	47	2
15VV1A1244	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	42	2
15VV1A1244	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	36	3
15VV1A1245	RT22051	PROBABILITY AND STATISTICS	20	32	3
15VV1A1245	RT22052	JAVA PROGRAMMING	15	37	3
15VV1A1245	RT22053	ADVANCED DATA STRUCTURES	22	56	3
15VV1A1245	RT22054	COMPUTER ORGANIZATION	17	46	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1245	RT22056	ADVANCED DATA STRUCTURES LAB	20	45	2
15VV1A1245	RT22057	JAVA PROGRAMMING LAB	19	41	2
15VV1A1245	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	15	38	2
15VV1A1245	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	16	32	3
15VV1A1246	RT22051	PROBABILITY AND STATISTICS	25	24	3
15VV1A1246	RT22052	JAVA PROGRAMMING	21	29	3
15VV1A1246	RT22053	ADVANCED DATA STRUCTURES	22	41	3
15VV1A1246	RT22054	COMPUTER ORGANIZATION	24	34	3
15VV1A1246	RT22056	ADVANCED DATA STRUCTURES LAB	20	46	2
15VV1A1246	RT22057	JAVA PROGRAMMING LAB	20	45	2
15VV1A1246	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	43	2
15VV1A1246	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	17	17	0
15VV1A1247	RT22051	PROBABILITY AND STATISTICS	20	38	3
15VV1A1247	RT22052	JAVA PROGRAMMING	20	24	3
15VV1A1247	RT22053	ADVANCED DATA STRUCTURES	24	54	3
15VV1A1247	RT22054	COMPUTER ORGANIZATION	23	34	3
15VV1A1247	RT22056	ADVANCED DATA STRUCTURES LAB	18	45	2
15VV1A1247	RT22057	JAVA PROGRAMMING LAB	19	41	2
15VV1A1247	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	16	42	2
15VV1A1247	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	23	32	3
15VV1A1248	RT22051	PROBABILITY AND STATISTICS	29	50	3
15VV1A1248	RT22052	JAVA PROGRAMMING	22	42	3
15VV1A1248	RT22053	ADVANCED DATA STRUCTURES	27	50	3
15VV1A1248	RT22054	COMPUTER ORGANIZATION	27	49	3
15VV1A1248	RT22056	ADVANCED DATA STRUCTURES LAB	20	50	2
15VV1A1248	RT22057	JAVA PROGRAMMING LAB	24	50	2
15VV1A1248	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	43	2
15VV1A1248	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	24	45	3
15VV1A1249	RT22051	PROBABILITY AND STATISTICS	17	32	3
15VV1A1249	RT22052	JAVA PROGRAMMING	19	26	3
15VV1A1249	RT22053	ADVANCED DATA STRUCTURES	21	44	3
15VV1A1249	RT22054	COMPUTER ORGANIZATION	16	35	3
15VV1A1249	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
15VV1A1249	RT22057	JAVA PROGRAMMING LAB	17	40	2
15VV1A1249	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	41	2
15VV1A1249	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	14	26	3
15VV1A1250	RT22051	PROBABILITY AND STATISTICS	27	54	3
15VV1A1250	RT22052	JAVA PROGRAMMING	25	48	3
15VV1A1250	RT22053	ADVANCED DATA STRUCTURES	27	59	3
15VV1A1250	RT22054	COMPUTER ORGANIZATION	26	49	3
15VV1A1250	RT22056	ADVANCED DATA STRUCTURES LAB	21	47	2
15VV1A1250	RT22057	JAVA PROGRAMMING LAB	23	48	2
15VV1A1250	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	39	2
15VV1A1250	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	26	44	3
15VV1A1251	RT22051	PROBABILITY AND STATISTICS	27	58	3
15VV1A1251	RT22052	JAVA PROGRAMMING	26	52	3
15VV1A1251	RT22053	ADVANCED DATA STRUCTURES	26	50	3
15VV1A1251	RT22054	COMPUTER ORGANIZATION	28	53	3
15VV1A1251	RT22056	ADVANCED DATA STRUCTURES LAB	23	47	2
15VV1A1251	RT22057	JAVA PROGRAMMING LAB	23	48	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A1251	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	41	2
15VV1A1251	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	23	48	3
15VV1A1252	RT22051	PROBABILITY AND STATISTICS	25	28	3
15VV1A1252	RT22052	JAVA PROGRAMMING	22	45	3
15VV1A1252	RT22053	ADVANCED DATA STRUCTURES	24	61	3
15VV1A1252	RT22054	COMPUTER ORGANIZATION	24	42	3
15VV1A1252	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
15VV1A1252	RT22057	JAVA PROGRAMMING LAB	21	45	2
15VV1A1252	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	43	2
15VV1A1252	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	18	52	3
15VV1A1253	RT22051	PROBABILITY AND STATISTICS	21	44	3
15VV1A1253	RT22052	JAVA PROGRAMMING	26	39	3
15VV1A1253	RT22053	ADVANCED DATA STRUCTURES	26	58	3
15VV1A1253	RT22054	COMPUTER ORGANIZATION	28	39	3
15VV1A1253	RT22056	ADVANCED DATA STRUCTURES LAB	18	44	2
15VV1A1253	RT22057	JAVA PROGRAMMING LAB	18	40	2
15VV1A1253	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	42	2
15VV1A1253	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	47	3
15VV1A1254	RT22051	PROBABILITY AND STATISTICS	26	46	3
15VV1A1254	RT22052	JAVA PROGRAMMING	20	40	3
15VV1A1254	RT22053	ADVANCED DATA STRUCTURES	25	54	3
15VV1A1254	RT22054	COMPUTER ORGANIZATION	25	45	3
15VV1A1254	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
15VV1A1254	RT22057	JAVA PROGRAMMING LAB	22	47	2
15VV1A1254	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	41	2
15VV1A1254	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	16	35	3
15VV1A1255	RT22051	PROBABILITY AND STATISTICS	25	48	3
15VV1A1255	RT22052	JAVA PROGRAMMING	21	36	3
15VV1A1255	RT22053	ADVANCED DATA STRUCTURES	24	47	3
15VV1A1255	RT22054	COMPUTER ORGANIZATION	23	42	3
15VV1A1255	RT22056	ADVANCED DATA STRUCTURES LAB	19	46	2
15VV1A1255	RT22057	JAVA PROGRAMMING LAB	20	43	2
15VV1A1255	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	36	2
15VV1A1255	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	16	43	3
15VV1A1256	RT22051	PROBABILITY AND STATISTICS	28	60	3
15VV1A1256	RT22052	JAVA PROGRAMMING	28	47	3
15VV1A1256	RT22053	ADVANCED DATA STRUCTURES	27	55	3
15VV1A1256	RT22054	COMPUTER ORGANIZATION	29	56	3
15VV1A1256	RT22056	ADVANCED DATA STRUCTURES LAB	21	50	2
15VV1A1256	RT22057	JAVA PROGRAMMING LAB	24	50	2
15VV1A1256	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	47	2
15VV1A1256	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	29	41	3
15VV1A1257	RT22051	PROBABILITY AND STATISTICS	27	44	3
15VV1A1257	RT22052	JAVA PROGRAMMING	25	49	3
15VV1A1257	RT22053	ADVANCED DATA STRUCTURES	27	51	3
15VV1A1257	RT22054	COMPUTER ORGANIZATION	29	31	3
15VV1A1257	RT22056	ADVANCED DATA STRUCTURES LAB	19	49	2
15VV1A1257	RT22057	JAVA PROGRAMMING LAB	24	49	2
15VV1A1257	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	19	45	2
15VV1A1257	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	32	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3101	RT22171	MINERAL DRESSING	21	54	3
15VV1A3101	RT22172	INSTRUMENTATION	18	44	3
15VV1A3101	RT22173	METALLURGICAL ANALYSIS	25	36	3
15VV1A3101	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	17	40	3
15VV1A3101	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	18	42	3
15VV1A3101	RT22176	METALLURGICAL THERMODYNAMICS	19	34	3
15VV1A3101	RT22177	METALLURGICAL ANALYSIS LAB	20	40	2
15VV1A3101	RT22178	MINERAL DRESSING LAB	19	41	2
15VV1A3102	RT22171	MINERAL DRESSING	23	46	3
15VV1A3102	RT22172	INSTRUMENTATION	16	43	3
15VV1A3102	RT22173	METALLURGICAL ANALYSIS	22	40	3
15VV1A3102	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	14	33	3
15VV1A3102	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	23	36	3
15VV1A3102	RT22176	METALLURGICAL THERMODYNAMICS	19	33	3
15VV1A3102	RT22177	METALLURGICAL ANALYSIS LAB	22	43	2
15VV1A3102	RT22178	MINERAL DRESSING LAB	18	40	2
15VV1A3103	RT22171	MINERAL DRESSING	25	29	3
15VV1A3103	RT22172	INSTRUMENTATION	16	30	3
15VV1A3103	RT22173	METALLURGICAL ANALYSIS	24	38	3
15VV1A3103	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	12	16	0
15VV1A3103	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	21	37	3
15VV1A3103	RT22176	METALLURGICAL THERMODYNAMICS	18	31	3
15VV1A3103	RT22177	METALLURGICAL ANALYSIS LAB	20	42	2
15VV1A3103	RT22178	MINERAL DRESSING LAB	21	44	2
15VV1A3104	RT22171	MINERAL DRESSING	19	47	3
15VV1A3104	RT22172	INSTRUMENTATION	22	56	3
15VV1A3104	RT22173	METALLURGICAL ANALYSIS	23	54	3
15VV1A3104	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	15	42	3
15VV1A3104	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	22	52	3
15VV1A3104	RT22176	METALLURGICAL THERMODYNAMICS	23	45	3
15VV1A3104	RT22177	METALLURGICAL ANALYSIS LAB	21	45	2
15VV1A3104	RT22178	MINERAL DRESSING LAB	20	42	2
15VV1A3105	RT22171	MINERAL DRESSING	22	44	3
15VV1A3105	RT22172	INSTRUMENTATION	14	37	3
15VV1A3105	RT22173	METALLURGICAL ANALYSIS	19	41	3
15VV1A3105	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	9	31	3
15VV1A3105	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	24	37	3
15VV1A3105	RT22176	METALLURGICAL THERMODYNAMICS	18	38	3
15VV1A3105	RT22177	METALLURGICAL ANALYSIS LAB	20	43	2
15VV1A3105	RT22178	MINERAL DRESSING LAB	20	40	2
15VV1A3106	RT22171	MINERAL DRESSING	29	49	3
15VV1A3106	RT22172	INSTRUMENTATION	28	49	3
15VV1A3106	RT22173	METALLURGICAL ANALYSIS	28	50	3
15VV1A3106	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	24	43	3
15VV1A3106	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	29	53	3
15VV1A3106	RT22176	METALLURGICAL THERMODYNAMICS	25	48	3
15VV1A3106	RT22177	METALLURGICAL ANALYSIS LAB	24	48	2
15VV1A3106	RT22178	MINERAL DRESSING LAB	23	48	2
15VV1A3107	RT22171	MINERAL DRESSING	27	55	3
15VV1A3107	RT22172	INSTRUMENTATION	22	56	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3107	RT22173	METALLURGICAL ANALYSIS	25	50	3
15VV1A3107	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	20	47	3
15VV1A3107	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	24	54	3
15VV1A3107	RT22176	METALLURGICAL THERMODYNAMICS	19	60	3
15VV1A3107	RT22177	METALLURGICAL ANALYSIS LAB	22	46	2
15VV1A3107	RT22178	MINERAL DRESSING LAB	20	43	2
15VV1A3108	RT22171	MINERAL DRESSING	24	54	3
15VV1A3108	RT22172	INSTRUMENTATION	18	53	3
15VV1A3108	RT22173	METALLURGICAL ANALYSIS	24	50	3
15VV1A3108	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	20	48	3
15VV1A3108	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	23	52	3
15VV1A3108	RT22176	METALLURGICAL THERMODYNAMICS	22	58	3
15VV1A3108	RT22177	METALLURGICAL ANALYSIS LAB	22	45	2
15VV1A3108	RT22178	MINERAL DRESSING LAB	20	40	2
15VV1A3109	RT22171	MINERAL DRESSING	28	53	3
15VV1A3109	RT22172	INSTRUMENTATION	27	59	3
15VV1A3109	RT22173	METALLURGICAL ANALYSIS	25	52	3
15VV1A3109	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	23	51	3
15VV1A3109	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	27	55	3
15VV1A3109	RT22176	METALLURGICAL THERMODYNAMICS	22	61	3
15VV1A3109	RT22177	METALLURGICAL ANALYSIS LAB	21	47	2
15VV1A3109	RT22178	MINERAL DRESSING LAB	21	47	2
15VV1A3110	RT22171	MINERAL DRESSING	25	52	3
15VV1A3110	RT22172	INSTRUMENTATION	26	52	3
15VV1A3110	RT22173	METALLURGICAL ANALYSIS	24	50	3
15VV1A3110	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	14	43	3
15VV1A3110	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	24	54	3
15VV1A3110	RT22176	METALLURGICAL THERMODYNAMICS	22	46	3
15VV1A3110	RT22177	METALLURGICAL ANALYSIS LAB	22	46	2
15VV1A3110	RT22178	MINERAL DRESSING LAB	20	40	2
15VV1A3111	RT22171	MINERAL DRESSING	21	45	3
15VV1A3111	RT22172	INSTRUMENTATION	13	36	3
15VV1A3111	RT22173	METALLURGICAL ANALYSIS	18	46	3
15VV1A3111	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	11	32	3
15VV1A3111	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	21	45	3
15VV1A3111	RT22176	METALLURGICAL THERMODYNAMICS	12	29	3
15VV1A3111	RT22177	METALLURGICAL ANALYSIS LAB	21	45	2
15VV1A3111	RT22178	MINERAL DRESSING LAB	19	38	2
15VV1A3112	RT22171	MINERAL DRESSING	26	51	3
15VV1A3112	RT22172	INSTRUMENTATION	25	58	3
15VV1A3112	RT22173	METALLURGICAL ANALYSIS	25	48	3
15VV1A3112	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	19	45	3
15VV1A3112	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	27	56	3
15VV1A3112	RT22176	METALLURGICAL THERMODYNAMICS	21	43	3
15VV1A3112	RT22177	METALLURGICAL ANALYSIS LAB	22	47	2
15VV1A3112	RT22178	MINERAL DRESSING LAB	18	42	2
15VV1A3114	RT22171	MINERAL DRESSING	25	48	3
15VV1A3114	RT22172	INSTRUMENTATION	24	38	3
15VV1A3114	RT22173	METALLURGICAL ANALYSIS	26	48	3
15VV1A3114	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	21	48	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3114	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	24	44	3
15VV1A3114	RT22176	METALLURGICAL THERMODYNAMICS	24	40	3
15VV1A3114	RT22177	METALLURGICAL ANALYSIS LAB	21	46	2
15VV1A3114	RT22178	MINERAL DRESSING LAB	23	48	2
15VV1A3115	RT22171	MINERAL DRESSING	26	52	3
15VV1A3115	RT22172	INSTRUMENTATION	27	46	3
15VV1A3115	RT22173	METALLURGICAL ANALYSIS	28	42	3
15VV1A3115	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	16	43	3
15VV1A3115	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	28	48	3
15VV1A3115	RT22176	METALLURGICAL THERMODYNAMICS	23	42	3
15VV1A3115	RT22177	METALLURGICAL ANALYSIS LAB	23	47	2
15VV1A3115	RT22178	MINERAL DRESSING LAB	23	48	2
15VV1A3116	RT22171	MINERAL DRESSING	16	46	3
15VV1A3116	RT22172	INSTRUMENTATION	17	36	3
15VV1A3116	RT22173	METALLURGICAL ANALYSIS	21	40	3
15VV1A3116	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	17	34	3
15VV1A3116	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	18	43	3
15VV1A3116	RT22176	METALLURGICAL THERMODYNAMICS	16	35	3
15VV1A3116	RT22177	METALLURGICAL ANALYSIS LAB	21	37	2
15VV1A3116	RT22178	MINERAL DRESSING LAB	15	40	2
15VV1A3117	RT22171	MINERAL DRESSING	20	46	3
15VV1A3117	RT22172	INSTRUMENTATION	23	42	3
15VV1A3117	RT22173	METALLURGICAL ANALYSIS	23	44	3
15VV1A3117	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	17	44	3
15VV1A3117	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	21	42	3
15VV1A3117	RT22176	METALLURGICAL THERMODYNAMICS	16	31	3
15VV1A3117	RT22177	METALLURGICAL ANALYSIS LAB	22	44	2
15VV1A3117	RT22178	MINERAL DRESSING LAB	22	48	2
15VV1A3118	RT22171	MINERAL DRESSING	22	44	3
15VV1A3118	RT22172	INSTRUMENTATION	25	50	3
15VV1A3118	RT22173	METALLURGICAL ANALYSIS	26	54	3
15VV1A3118	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	20	44	3
15VV1A3118	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	26	37	3
15VV1A3118	RT22176	METALLURGICAL THERMODYNAMICS	23	40	3
15VV1A3118	RT22177	METALLURGICAL ANALYSIS LAB	23	46	2
15VV1A3118	RT22178	MINERAL DRESSING LAB	21	45	2
15VV1A3119	RT22171	MINERAL DRESSING	20	38	3
15VV1A3119	RT22172	INSTRUMENTATION	13	41	3
15VV1A3119	RT22173	METALLURGICAL ANALYSIS	20	50	3
15VV1A3119	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	14	34	3
15VV1A3119	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	21	40	3
15VV1A3119	RT22176	METALLURGICAL THERMODYNAMICS	14	35	3
15VV1A3119	RT22177	METALLURGICAL ANALYSIS LAB	20	45	2
15VV1A3119	RT22178	MINERAL DRESSING LAB	15	35	2
15VV1A3120	RT22171	MINERAL DRESSING	20	44	3
15VV1A3120	RT22172	INSTRUMENTATION	21	49	3
15VV1A3120	RT22173	METALLURGICAL ANALYSIS	24	48	3
15VV1A3120	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	14	47	3
15VV1A3120	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	25	41	3
15VV1A3120	RT22176	METALLURGICAL THERMODYNAMICS	23	28	3

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3120	RT22177	METALLURGICAL ANALYSIS LAB	21	45	2
15VV1A3120	RT22178	MINERAL DRESSING LAB	21	44	2
15VV1A3121	RT22171	MINERAL DRESSING	19	50	3
15VV1A3121	RT22172	INSTRUMENTATION	23	52	3
15VV1A3121	RT22173	METALLURGICAL ANALYSIS	20	50	3
15VV1A3121	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	13	45	3
15VV1A3121	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	23	47	3
15VV1A3121	RT22176	METALLURGICAL THERMODYNAMICS	14	33	3
15VV1A3121	RT22177	METALLURGICAL ANALYSIS LAB	21	47	2
15VV1A3121	RT22178	MINERAL DRESSING LAB	15	43	2
15VV1A3122	RT22171	MINERAL DRESSING	21	51	3
15VV1A3122	RT22172	INSTRUMENTATION	18	54	3
15VV1A3122	RT22173	METALLURGICAL ANALYSIS	22	52	3
15VV1A3122	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	13	44	3
15VV1A3122	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	21	37	3
15VV1A3122	RT22176	METALLURGICAL THERMODYNAMICS	16	48	3
15VV1A3122	RT22177	METALLURGICAL ANALYSIS LAB	21	45	2
15VV1A3122	RT22178	MINERAL DRESSING LAB	20	40	2
15VV1A3123	RT22171	MINERAL DRESSING	15	47	3
15VV1A3123	RT22172	INSTRUMENTATION	11	37	3
15VV1A3123	RT22173	METALLURGICAL ANALYSIS	21	44	3
15VV1A3123	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	10	23	0
15VV1A3123	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	18	47	3
15VV1A3123	RT22176	METALLURGICAL THERMODYNAMICS	14	27	3
15VV1A3123	RT22177	METALLURGICAL ANALYSIS LAB	22	38	2
15VV1A3123	RT22178	MINERAL DRESSING LAB	15	35	2
15VV1A3124	RT22171	MINERAL DRESSING	27	44	3
15VV1A3124	RT22172	INSTRUMENTATION	21	44	3
15VV1A3124	RT22173	METALLURGICAL ANALYSIS	27	46	3
15VV1A3124	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	18	36	3
15VV1A3124	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	26	37	3
15VV1A3124	RT22176	METALLURGICAL THERMODYNAMICS	22	38	3
15VV1A3124	RT22177	METALLURGICAL ANALYSIS LAB	21	46	2
15VV1A3124	RT22178	MINERAL DRESSING LAB	20	41	2
15VV1A3125	RT22171	MINERAL DRESSING	21	39	3
15VV1A3125	RT22172	INSTRUMENTATION	18	41	3
15VV1A3125	RT22173	METALLURGICAL ANALYSIS	19	30	3
15VV1A3125	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	15	34	3
15VV1A3125	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	24	35	3
15VV1A3125	RT22176	METALLURGICAL THERMODYNAMICS	24	36	3
15VV1A3125	RT22177	METALLURGICAL ANALYSIS LAB	23	45	2
15VV1A3125	RT22178	MINERAL DRESSING LAB	17	40	2
15VV1A3126	RT22171	MINERAL DRESSING	25	49	3
15VV1A3126	RT22172	INSTRUMENTATION	23	53	3
15VV1A3126	RT22173	METALLURGICAL ANALYSIS	27	56	3
15VV1A3126	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	22	51	3
15VV1A3126	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	24	52	3
15VV1A3126	RT22176	METALLURGICAL THERMODYNAMICS	25	47	3
15VV1A3126	RT22177	METALLURGICAL ANALYSIS LAB	22	47	2
15VV1A3126	RT22178	MINERAL DRESSING LAB	22	46	2

Htno	Subcode	Subname	Internal	External	Credits
15VV1A3127	RT22171	MINERAL DRESSING	16	30	3
15VV1A3127	RT22172	INSTRUMENTATION	11	20	0
15VV1A3127	RT22173	METALLURGICAL ANALYSIS	18	24	3
15VV1A3127	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	11	29	3
15VV1A3127	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	17	26	3
15VV1A3127	RT22176	METALLURGICAL THERMODYNAMICS	11	9	0
15VV1A3127	RT22177	METALLURGICAL ANALYSIS LAB	20	37	2
15VV1A3127	RT22178	MINERAL DRESSING LAB	15	35	2
15VV1A3128	RT22171	MINERAL DRESSING	19	35	3
15VV1A3128	RT22172	INSTRUMENTATION	14	29	3
15VV1A3128	RT22173	METALLURGICAL ANALYSIS	21	32	3
15VV1A3128	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	11	42	3
15VV1A3128	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	21	37	3
15VV1A3128	RT22176	METALLURGICAL THERMODYNAMICS	18	25	3
15VV1A3128	RT22177	METALLURGICAL ANALYSIS LAB	21	46	2
15VV1A3128	RT22178	MINERAL DRESSING LAB	20	40	2
15VV1A3129	RT22171	MINERAL DRESSING	17	46	3
15VV1A3129	RT22172	INSTRUMENTATION	18	34	3
15VV1A3129	RT22173	METALLURGICAL ANALYSIS	20	49	3
15VV1A3129	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	10	30	3
15VV1A3129	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	19	44	3
15VV1A3129	RT22176	METALLURGICAL THERMODYNAMICS	13	27	3
15VV1A3129	RT22177	METALLURGICAL ANALYSIS LAB	21	44	2
15VV1A3129	RT22178	MINERAL DRESSING LAB	19	41	2
15VV1A3130	RT22171	MINERAL DRESSING	22	52	3
15VV1A3130	RT22172	INSTRUMENTATION	20	46	3
15VV1A3130	RT22173	METALLURGICAL ANALYSIS	19	32	3
15VV1A3130	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	10	31	3
15VV1A3130	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	20	46	3
15VV1A3130	RT22176	METALLURGICAL THERMODYNAMICS	17	40	3
15VV1A3130	RT22177	METALLURGICAL ANALYSIS LAB	22	47	2
15VV1A3130	RT22178	MINERAL DRESSING LAB	21	43	2
15VV5A0565	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	10	33	3
15VV5A0566	RT22051	PROBABILITY AND STATISTICS	16	13	0
15VV5A0566	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	9	24	0
15VV5A0566	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	14	42	2
16VV5A0131	RT22011	BUILDING PLANNING & DRAWING	30	56	3
16VV5A0131	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	56	3
16VV5A0131	RT22013	STRENGTH OF MATERIALS- II	28	50	3
16VV5A0131	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	25	56	3
16VV5A0131	RT22015	CONCRETE TECHNOLOGY	26	49	3
16VV5A0131	RT22016	STRUCTURAL ANALYSIS - I	30	42	3
16VV5A0131	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	24	50	2
16VV5A0131	RT22018	CONCRETE TECHNOLOGY LAB	24	49	2
16VV5A0131	RT22019	SURVEYING FIELD WORK-II	25	49	2
16VV5A0132	RT22011	BUILDING PLANNING & DRAWING	30	55	3
16VV5A0132	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	28	52	3
16VV5A0132	RT22013	STRENGTH OF MATERIALS- II	29	39	3
16VV5A0132	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	24	53	3
16VV5A0132	RT22015	CONCRETE TECHNOLOGY	28	47	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0132	RT22016	STRUCTURAL ANALYSIS - I	29	41	3
16VV5A0132	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	24	50	2
16VV5A0132	RT22018	CONCRETE TECHNOLOGY LAB	25	50	2
16VV5A0132	RT22019	SURVEYING FIELD WORK-II	25	49	2
16VV5A0133	RT22011	BUILDING PLANNING & DRAWING	26	43	3
16VV5A0133	RT22012	HYDRAULICS AND HYDRAULIC MACHINERY	22	24	3
16VV5A0133	RT22013	STRENGTH OF MATERIALS- II	23	27	3
16VV5A0133	RT22014	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	19	32	3
16VV5A0133	RT22015	CONCRETE TECHNOLOGY	24	30	3
16VV5A0133	RT22016	STRUCTURAL ANALYSIS - I	24	24	3
16VV5A0133	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	20	46	2
16VV5A0133	RT22018	CONCRETE TECHNOLOGY LAB	25	49	2
16VV5A0133	RT22019	SURVEYING FIELD WORK-II	24	49	2
16VV5A0261	RT22021	ENVIRONMENTAL STUDIES	23	46	3
16VV5A0261	RT22022	SWITCHING THEORY AND LOGIC DESIGN	25	26	3
16VV5A0261	RT22023	PULSE & DIGITAL CIRCUITS	22	37	3
16VV5A0261	RT22024	POWER SYSTEMS-I	19	38	3
16VV5A0261	RT22025	ELECTRICAL MACHINES-II	28	50	3
16VV5A0261	RT22026	CONTROL SYSTEMS	19	11	0
16VV5A0261	RT22027	ELECTRICAL MACHINES -I LAB	22	38	2
16VV5A0261	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	19	45	2
16VV5A0262	RT22021	ENVIRONMENTAL STUDIES	27	52	3
16VV5A0262	RT22022	SWITCHING THEORY AND LOGIC DESIGN	24	43	3
16VV5A0262	RT22023	PULSE & DIGITAL CIRCUITS	25	49	3
16VV5A0262	RT22024	POWER SYSTEMS-I	25	47	3
16VV5A0262	RT22025	ELECTRICAL MACHINES-II	27	57	3
16VV5A0262	RT22026	CONTROL SYSTEMS	25	64	3
16VV5A0262	RT22027	ELECTRICAL MACHINES -I LAB	22	41	2
16VV5A0262	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	49	2
16VV5A0263	RT22021	ENVIRONMENTAL STUDIES	26	49	3
16VV5A0263	RT22022	SWITCHING THEORY AND LOGIC DESIGN	26	47	3
16VV5A0263	RT22023	PULSE & DIGITAL CIRCUITS	26	50	3
16VV5A0263	RT22024	POWER SYSTEMS-I	24	46	3
16VV5A0263	RT22025	ELECTRICAL MACHINES-II	28	52	3
16VV5A0263	RT22026	CONTROL SYSTEMS	23	58	3
16VV5A0263	RT22027	ELECTRICAL MACHINES -I LAB	22	37	2
16VV5A0263	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	24	44	2
16VV5A0264	RT22021	ENVIRONMENTAL STUDIES	26	52	3
16VV5A0264	RT22022	SWITCHING THEORY AND LOGIC DESIGN	25	43	3
16VV5A0264	RT22023	PULSE & DIGITAL CIRCUITS	25	50	3
16VV5A0264	RT22024	POWER SYSTEMS-I	26	50	3
16VV5A0264	RT22025	ELECTRICAL MACHINES-II	28	52	3
16VV5A0264	RT22026	CONTROL SYSTEMS	27	56	3
16VV5A0264	RT22027	ELECTRICAL MACHINES -I LAB	21	39	2
16VV5A0264	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	21	44	2
16VV5A0265	RT22021	ENVIRONMENTAL STUDIES	22	47	3
16VV5A0265	RT22022	SWITCHING THEORY AND LOGIC DESIGN	20	35	3
16VV5A0265	RT22023	PULSE & DIGITAL CIRCUITS	13	39	3
16VV5A0265	RT22024	POWER SYSTEMS-I	16	38	3
16VV5A0265	RT22025	ELECTRICAL MACHINES-II	24	25	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0265	RT22026	CONTROL SYSTEMS	17	25	3
16VV5A0265	RT22027	ELECTRICAL MACHINES -I LAB	20	38	2
16VV5A0265	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	20	20	2
16VV5A0266	RT22021	ENVIRONMENTAL STUDIES	25	49	3
16VV5A0266	RT22022	SWITCHING THEORY AND LOGIC DESIGN	27	40	3
16VV5A0266	RT22023	PULSE & DIGITAL CIRCUITS	24	51	3
16VV5A0266	RT22024	POWER SYSTEMS-I	26	51	3
16VV5A0266	RT22025	ELECTRICAL MACHINES-II	29	48	3
16VV5A0266	RT22026	CONTROL SYSTEMS	25	46	3
16VV5A0266	RT22027	ELECTRICAL MACHINES -I LAB	23	36	2
16VV5A0266	RT22028	ELECTRONIC DEVICES & CIRCUITS LAB	23	45	2
16VV5A0361	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	42	2
16VV5A0361	RT22031	KINEMATICS OF MACHINERY	29	57	3
16VV5A0361	RT22032	THERMAL ENGINEERING -I	27	44	3
16VV5A0361	RT22033	PRODUCTION TECHNOLOGY	27	59	3
16VV5A0361	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	27	54	3
16VV5A0361	RT22035	MACHINE DRAWING	29	61	3
16VV5A0361	RT22037	PRODUCTION TECHNOLOGY LAB	24	42	2
16VV5A0361	RT22038	THERMAL ENGINEERING LAB	22	44	2
16VV5A0362	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	43	2
16VV5A0362	RT22031	KINEMATICS OF MACHINERY	24	43	3
16VV5A0362	RT22032	THERMAL ENGINEERING -I	19	35	3
16VV5A0362	RT22033	PRODUCTION TECHNOLOGY	25	58	3
16VV5A0362	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	20	29	3
16VV5A0362	RT22035	MACHINE DRAWING	30	59	3
16VV5A0362	RT22037	PRODUCTION TECHNOLOGY LAB	23	41	2
16VV5A0362	RT22038	THERMAL ENGINEERING LAB	22	39	2
16VV5A0363	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	42	2
16VV5A0363	RT22031	KINEMATICS OF MACHINERY	30	50	3
16VV5A0363	RT22032	THERMAL ENGINEERING -I	23	40	3
16VV5A0363	RT22033	PRODUCTION TECHNOLOGY	29	57	3
16VV5A0363	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	25	46	3
16VV5A0363	RT22035	MACHINE DRAWING	30	61	3
16VV5A0363	RT22037	PRODUCTION TECHNOLOGY LAB	22	43	2
16VV5A0363	RT22038	THERMAL ENGINEERING LAB	22	41	2
16VV5A0364	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	24	46	2
16VV5A0364	RT22031	KINEMATICS OF MACHINERY	22	42	3
16VV5A0364	RT22032	THERMAL ENGINEERING -I	23	33	3
16VV5A0364	RT22033	PRODUCTION TECHNOLOGY	19	51	3
16VV5A0364	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	20	28	3
16VV5A0364	RT22035	MACHINE DRAWING	30	58	3
16VV5A0364	RT22037	PRODUCTION TECHNOLOGY LAB	23	39	2
16VV5A0364	RT22038	THERMAL ENGINEERING LAB	22	42	2
16VV5A0365	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	22	39	2
16VV5A0365	RT22031	KINEMATICS OF MACHINERY	17	37	3
16VV5A0365	RT22032	THERMAL ENGINEERING -I	20	34	3
16VV5A0365	RT22033	PRODUCTION TECHNOLOGY	24	52	3
16VV5A0365	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	22	24	3
16VV5A0365	RT22035	MACHINE DRAWING	29	58	3
16VV5A0365	RT22037	PRODUCTION TECHNOLOGY LAB	24	45	2

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0365	RT22038	THERMAL ENGINEERING LAB	22	37	2
16VV5A0366	RT22017	FLUID MECHANICS & HYDRAULIC MACHINERY LAB	23	48	2
16VV5A0366	RT22031	KINEMATICS OF MACHINERY	24	46	3
16VV5A0366	RT22032	THERMAL ENGINEERING -I	24	49	3
16VV5A0366	RT22033	PRODUCTION TECHNOLOGY	23	56	3
16VV5A0366	RT22034	FLUID MECHANICS & HYDRAULIC MACHINERY	26	41	3
16VV5A0366	RT22035	MACHINE DRAWING	30	55	3
16VV5A0366	RT22037	PRODUCTION TECHNOLOGY LAB	24	45	2
16VV5A0366	RT22038	THERMAL ENGINEERING LAB	22	44	2
16VV5A0461	RT22022	SWITCHING THEORY & LOGIC DESIGN	26	35	3
16VV5A0461	RT22041	ELECTRONIC CIRCUIT ANALYSIS	26	55	3
16VV5A0461	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	65	3
16VV5A0461	RT22043	MANAGEMENT SCIENCE	25	48	3
16VV5A0461	RT22044	EM WAVES AND TRANSMISSION LINES	28	52	3
16VV5A0461	RT22045	ANALOG COMMUNICATIONS	28	42	3
16VV5A0461	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	25	48	2
16VV5A0461	RT22047	ANALOG COMMUNICATIONS LAB	25	47	2
16VV5A0462	RT22022	SWITCHING THEORY & LOGIC DESIGN	26	17	0
16VV5A0462	RT22041	ELECTRONIC CIRCUIT ANALYSIS	19	38	3
16VV5A0462	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	19	64	3
16VV5A0462	RT22043	MANAGEMENT SCIENCE	24	49	3
16VV5A0462	RT22044	EM WAVES AND TRANSMISSION LINES	24	44	3
16VV5A0462	RT22045	ANALOG COMMUNICATIONS	29	41	3
16VV5A0462	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	46	2
16VV5A0462	RT22047	ANALOG COMMUNICATIONS LAB	23	40	2
16VV5A0463	RT22022	SWITCHING THEORY & LOGIC DESIGN	28	29	3
16VV5A0463	RT22041	ELECTRONIC CIRCUIT ANALYSIS	23	51	3
16VV5A0463	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	22	63	3
16VV5A0463	RT22043	MANAGEMENT SCIENCE	24	53	3
16VV5A0463	RT22044	EM WAVES AND TRANSMISSION LINES	23	34	3
16VV5A0463	RT22045	ANALOG COMMUNICATIONS	29	42	3
16VV5A0463	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	24	43	2
16VV5A0463	RT22047	ANALOG COMMUNICATIONS LAB	21	46	2
16VV5A0464	RT22022	SWITCHING THEORY & LOGIC DESIGN	22	33	3
16VV5A0464	RT22041	ELECTRONIC CIRCUIT ANALYSIS	24	51	3
16VV5A0464	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	26	57	3
16VV5A0464	RT22043	MANAGEMENT SCIENCE	23	51	3
16VV5A0464	RT22044	EM WAVES AND TRANSMISSION LINES	29	39	3
16VV5A0464	RT22045	ANALOG COMMUNICATIONS	28	41	3
16VV5A0464	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	25	48	2
16VV5A0464	RT22047	ANALOG COMMUNICATIONS LAB	25	49	2
16VV5A0465	RT22022	SWITCHING THEORY & LOGIC DESIGN	27	24	3
16VV5A0465	RT22041	ELECTRONIC CIRCUIT ANALYSIS	22	51	3
16VV5A0465	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	27	60	3
16VV5A0465	RT22043	MANAGEMENT SCIENCE	24	55	3
16VV5A0465	RT22044	EM WAVES AND TRANSMISSION LINES	26	45	3
16VV5A0465	RT22045	ANALOG COMMUNICATIONS	29	47	3
16VV5A0465	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	25	45	2
16VV5A0465	RT22047	ANALOG COMMUNICATIONS LAB	22	42	2
16VV5A0466	RT22022	SWITCHING THEORY & LOGIC DESIGN	23	32	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0466	RT22041	ELECTRONIC CIRCUIT ANALYSIS	20	51	3
16VV5A0466	RT22042	RANDOM VARIABLES & STOCHASTIC PROCESSES	21	38	3
16VV5A0466	RT22043	MANAGEMENT SCIENCE	23	45	3
16VV5A0466	RT22044	EM WAVES AND TRANSMISSION LINES	22	35	3
16VV5A0466	RT22045	ANALOG COMMUNICATIONS	27	38	3
16VV5A0466	RT22046	ELECTRONIC CIRCUIT ANALYSIS LAB	25	45	2
16VV5A0466	RT22047	ANALOG COMMUNICATIONS LAB	21	43	2
16VV5A0561	RT22051	PROBABILITY AND STATISTICS	23	14	0
16VV5A0561	RT22052	JAVA PROGRAMMING	15	31	3
16VV5A0561	RT22053	ADVANCED DATA STRUCTURES	7	38	3
16VV5A0561	RT22054	COMPUTER ORGANIZATION	24	36	3
16VV5A0561	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	13	41	3
16VV5A0561	RT22056	ADVANCED DATA STRUCTURES LAB	10	20	2
16VV5A0561	RT22057	JAVA PROGRAMMING LAB	13	14	0
16VV5A0561	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	31	2
16VV5A0562	RT22051	PROBABILITY AND STATISTICS	24	37	3
16VV5A0562	RT22052	JAVA PROGRAMMING	21	37	3
16VV5A0562	RT22053	ADVANCED DATA STRUCTURES	15	35	3
16VV5A0562	RT22054	COMPUTER ORGANIZATION	21	38	3
16VV5A0562	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	47	3
16VV5A0562	RT22056	ADVANCED DATA STRUCTURES LAB	21	45	2
16VV5A0562	RT22057	JAVA PROGRAMMING LAB	22	45	2
16VV5A0562	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	49	2
16VV5A0563	RT22051	PROBABILITY AND STATISTICS	22	15	0
16VV5A0563	RT22052	JAVA PROGRAMMING	16	35	3
16VV5A0563	RT22053	ADVANCED DATA STRUCTURES	12	44	3
16VV5A0563	RT22054	COMPUTER ORGANIZATION	22	45	3
16VV5A0563	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	12	32	3
16VV5A0563	RT22056	ADVANCED DATA STRUCTURES LAB	17	18	2
16VV5A0563	RT22057	JAVA PROGRAMMING LAB	19	26	2
16VV5A0563	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	21	38	2
16VV5A0564	RT22051	PROBABILITY AND STATISTICS	25	15	0
16VV5A0564	RT22052	JAVA PROGRAMMING	13	37	3
16VV5A0564	RT22053	ADVANCED DATA STRUCTURES	11	39	3
16VV5A0564	RT22054	COMPUTER ORGANIZATION	19	42	3
16VV5A0564	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	9	54	3
16VV5A0564	RT22056	ADVANCED DATA STRUCTURES LAB	15	19	2
16VV5A0564	RT22057	JAVA PROGRAMMING LAB	13	22	2
16VV5A0564	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	38	2
16VV5A0565	RT22051	PROBABILITY AND STATISTICS	23	31	3
16VV5A0565	RT22052	JAVA PROGRAMMING	24	52	3
16VV5A0565	RT22053	ADVANCED DATA STRUCTURES	23	43	3
16VV5A0565	RT22054	COMPUTER ORGANIZATION	26	45	3
16VV5A0565	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	54	3
16VV5A0565	RT22056	ADVANCED DATA STRUCTURES LAB	25	47	2
16VV5A0565	RT22057	JAVA PROGRAMMING LAB	25	49	2
16VV5A0565	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	49	2
16VV5A0566	RT22051	PROBABILITY AND STATISTICS	26	28	3
16VV5A0566	RT22052	JAVA PROGRAMMING	20	55	3
16VV5A0566	RT22053	ADVANCED DATA STRUCTURES	22	48	3

Htno	Subcode	Subname	Internal	External	Credits
16VV5A0566	RT22054	COMPUTER ORGANIZATION	25	50	3
16VV5A0566	RT22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	50	3
16VV5A0566	RT22056	ADVANCED DATA STRUCTURES LAB	21	45	2
16VV5A0566	RT22057	JAVA PROGRAMMING LAB	22	33	2
16VV5A0566	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	24	47	2
16VV5A1261	RT22051	PROBABILITY AND STATISTICS	23	24	3
16VV5A1261	RT22052	JAVA PROGRAMMING	22	33	3
16VV5A1261	RT22053	ADVANCED DATA STRUCTURES	24	52	3
16VV5A1261	RT22054	COMPUTER ORGANIZATION	27	26	3
16VV5A1261	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
16VV5A1261	RT22057	JAVA PROGRAMMING LAB	20	43	2
16VV5A1261	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	38	2
16VV5A1261	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	16	30	3
16VV5A1262	RT22051	PROBABILITY AND STATISTICS	23	24	3
16VV5A1262	RT22052	JAVA PROGRAMMING	19	31	3
16VV5A1262	RT22053	ADVANCED DATA STRUCTURES	24	62	3
16VV5A1262	RT22054	COMPUTER ORGANIZATION	23	43	3
16VV5A1262	RT22056	ADVANCED DATA STRUCTURES LAB	17	46	2
16VV5A1262	RT22057	JAVA PROGRAMMING LAB	21	44	2
16VV5A1262	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	20	37	2
16VV5A1262	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	17	42	3
16VV5A1263	RT22051	PROBABILITY AND STATISTICS	29	50	3
16VV5A1263	RT22052	JAVA PROGRAMMING	25	54	3
16VV5A1263	RT22053	ADVANCED DATA STRUCTURES	29	64	3
16VV5A1263	RT22054	COMPUTER ORGANIZATION	29	52	3
16VV5A1263	RT22056	ADVANCED DATA STRUCTURES LAB	23	50	2
16VV5A1263	RT22057	JAVA PROGRAMMING LAB	23	49	2
16VV5A1263	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	23	47	2
16VV5A1263	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	25	42	3
16VV5A1264	RT22051	PROBABILITY AND STATISTICS	24	11	0
16VV5A1264	RT22052	JAVA PROGRAMMING	22	30	3
16VV5A1264	RT22053	ADVANCED DATA STRUCTURES	22	37	3
16VV5A1264	RT22054	COMPUTER ORGANIZATION	20	24	3
16VV5A1264	RT22056	ADVANCED DATA STRUCTURES LAB	19	44	2
16VV5A1264	RT22057	JAVA PROGRAMMING LAB	18	40	2
16VV5A1264	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	17	40	2
16VV5A1264	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	21	24	3
16VV5A1265	RT22051	PROBABILITY AND STATISTICS	24	13	0
16VV5A1265	RT22052	JAVA PROGRAMMING	24	35	3
16VV5A1265	RT22053	ADVANCED DATA STRUCTURES	25	42	3
16VV5A1265	RT22054	COMPUTER ORGANIZATION	25	49	3
16VV5A1265	RT22056	ADVANCED DATA STRUCTURES LAB	18	46	2
16VV5A1265	RT22057	JAVA PROGRAMMING LAB	24	49	2
16VV5A1265	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	18	42	2
16VV5A1265	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	17	44	3
16VV5A1266	RT22051	PROBABILITY AND STATISTICS	27	42	3
16VV5A1266	RT22052	JAVA PROGRAMMING	27	52	3
16VV5A1266	RT22053	ADVANCED DATA STRUCTURES	25	64	3
16VV5A1266	RT22054	COMPUTER ORGANIZATION	27	40	3
16VV5A1266	RT22056	ADVANCED DATA STRUCTURES LAB	18	47	2

Htno	Subcode	Subname	Internal	External	Credits
16VV5A1266	RT22057	JAVA PROGRAMMING LAB	22	47	2
16VV5A1266	RT22058	FREE OPEN SOURCE SOFTWARE(FOSS) LAB	22	43	2
16VV5A1266	RT22121	LANGUAGE PROCESSORS (50% FLAT + 50% CD)	22	45	3
16VV5A3131	RT22171	MINERAL DRESSING	28	49	3
16VV5A3131	RT22172	INSTRUMENTATION	27	42	3
16VV5A3131	RT22173	METALLURGICAL ANALYSIS	24	50	3
16VV5A3131	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	21	51	3
16VV5A3131	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	27	50	3
16VV5A3131	RT22176	METALLURGICAL THERMODYNAMICS	23	37	3
16VV5A3131	RT22177	METALLURGICAL ANALYSIS LAB	22	46	2
16VV5A3131	RT22178	MINERAL DRESSING LAB	21	46	2
16VV5A3132	RT22171	MINERAL DRESSING	23	50	3
16VV5A3132	RT22172	INSTRUMENTATION	23	49	3
16VV5A3132	RT22173	METALLURGICAL ANALYSIS	25	48	3
16VV5A3132	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	17	32	3
16VV5A3132	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	26	47	3
16VV5A3132	RT22176	METALLURGICAL THERMODYNAMICS	25	49	3
16VV5A3132	RT22177	METALLURGICAL ANALYSIS LAB	23	47	2
16VV5A3132	RT22178	MINERAL DRESSING LAB	22	45	2
16VV5A3133	RT22171	MINERAL DRESSING	21	51	3
16VV5A3133	RT22172	INSTRUMENTATION	24	58	3
16VV5A3133	RT22173	METALLURGICAL ANALYSIS	23	42	3
16VV5A3133	RT22174	BASIC ELECTRICAL & ELECTRONICS ENGG	15	42	3
16VV5A3133	RT22175	PRINCIPLES OF EXTRACTIVE METALLURGY	28	48	3
16VV5A3133	RT22176	METALLURGICAL THERMODYNAMICS	16	37	3
16VV5A3133	RT22177	METALLURGICAL ANALYSIS LAB	21	46	2
16VV5A3133	RT22178	MINERAL DRESSING LAB	23	47	2

**** Note:****

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

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

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

N. Mohan Rao

Date:18-07-2017

Controller of Examinations