



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

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

Htno	Subcode	Subname	Internal	External	credits
10VV1A1239	IT112	MATHEMATICS-I	16	5	0
11VV1A1245	IT112	MATHEMATICS-I	14	0	0
11VV1A1245	IT114	ENGINEERING PHYSICS-I	10	32	2
12VV1A3117	MT112	MATHEMATICS-I	10	20	0
12VV1A3117	MT116	C PROGRAMMING	14	19	0
12VV1A3120	MT114	ENGINEERING PHYSICS-I	10	28	0
13VV1A0122	CE114	ENGINEERING MECHANICS	15	41	3
13VV1A0312	ME114	ENGINEERING MECHANICS	23	28	3
13VV1A0348	ME114	ENGINEERING MECHANICS	18	28	3
13VV1A0354	ME114	ENGINEERING MECHANICS	22	36	3
13VV1A0414	EC114	ENGINEERING PHYSICS	11	27	0
13VV1A0458	EC112	MATHEMATICS-I	12	12	0
13VV1A0458	EC113	MATHEMATICS-II(MATHEMATICAL METHODS)	23	25	3
13VV1A0458	EC114	ENGINEERING PHYSICS	9	21	0
13VV1A0458	EC116	ENGINEERING DRAWING	20	11	0
13VV1A1213	IT114	ENGINEERING MECHANICS	20	24	3
13VV1A1228	IT114	ENGINEERING MECHANICS	16	40	3
13VV1A1244	IT114	ENGINEERING MECHANICS	18	53	3
13VV1A1246	IT114	ENGINEERING MECHANICS	20	40	3
13VV1A1253	IT112	MATHEMATICS-I	15	16	0
13VV1A1253	IT114	ENGINEERING MECHANICS	14	19	0
13VV1A1256	IT114	ENGINEERING MECHANICS	17	28	3
13VV1A1257	IT115	COMPUTER PROGRAMMING	14	39	3
13VV1A1258	IT114	ENGINEERING MECHANICS	16	31	3
13VV1A1258	IT115	COMPUTER PROGRAMMING	21	39	3
14VV1A0214	R13109	ENGINEERING DRAWING	22	41	3
14VV1A0250	R13109	ENGINEERING DRAWING	18	30	3
14VV1A0356	R13101	ENGLISH-I	24	50	3
14VV1A0356	R13102	MATHEMATICS-I	25	56	3
14VV1A0356	R13104	ENGINEERING CHEMISTRY	25	44	3
14VV1A0356	R13105	COMPUTER PROGRAMMING	26	43	3
14VV1A0356	R13106	ENVIRONMENTAL STUDIES	27	56	3
14VV1A0356	R13110	ENGINEERING MECHANICS	24	39	3
14VV1A0356	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	44	2
14VV1A0356	R13115	ENGINEERING CHEMISTRY LABORATORY	23	41	2
14VV1A0356	R13116	C.PROGRAMMING LAB	24	44	2
14VV1A0428	R13109	ENGINEERING DRAWING	16	24	3
15VV1A0101	R13101	ENGLISH-I	24	49	3
15VV1A0101	R13102	MATHEMATICS-I	13	33	3
15VV1A0101	R13104	ENGINEERING CHEMISTRY	21	33	3
15VV1A0101	R13105	COMPUTER PROGRAMMING	23	47	3
15VV1A0101	R13106	ENVIRONMENTAL STUDIES	22	44	3
15VV1A0101	R13110	ENGINEERING MECHANICS	19	26	3
15VV1A0101	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	36	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0101	R13115	ENGINEERING CHEMISTRY LABORATORY	23	42	2
15VV1A0101	R13116	C.PROGRAMMING LAB	20	40	2
15VV1A0102	R13101	ENGLISH-I	27	51	3
15VV1A0102	R13102	MATHEMATICS-I	16	48	3
15VV1A0102	R13104	ENGINEERING CHEMISTRY	21	36	3
15VV1A0102	R13105	COMPUTER PROGRAMMING	24	58	3
15VV1A0102	R13106	ENVIRONMENTAL STUDIES	24	59	3
15VV1A0102	R13110	ENGINEERING MECHANICS	24	33	3
15VV1A0102	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A0102	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A0102	R13116	C.PROGRAMMING LAB	21	40	2
15VV1A0103	R13101	ENGLISH-I	26	50	3
15VV1A0103	R13102	MATHEMATICS-I	21	40	3
15VV1A0103	R13104	ENGINEERING CHEMISTRY	22	40	3
15VV1A0103	R13105	COMPUTER PROGRAMMING	20	39	3
15VV1A0103	R13106	ENVIRONMENTAL STUDIES	26	57	3
15VV1A0103	R13110	ENGINEERING MECHANICS	26	34	3
15VV1A0103	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A0103	R13115	ENGINEERING CHEMISTRY LABORATORY	23	39	2
15VV1A0103	R13116	C.PROGRAMMING LAB	17	37	2
15VV1A0104	R13101	ENGLISH-I	27	53	3
15VV1A0104	R13102	MATHEMATICS-I	20	43	3
15VV1A0104	R13104	ENGINEERING CHEMISTRY	23	43	3
15VV1A0104	R13105	COMPUTER PROGRAMMING	28	58	3
15VV1A0104	R13106	ENVIRONMENTAL STUDIES	22	54	3
15VV1A0104	R13110	ENGINEERING MECHANICS	25	41	3
15VV1A0104	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	42	2
15VV1A0104	R13115	ENGINEERING CHEMISTRY LABORATORY	23	48	2
15VV1A0104	R13116	C.PROGRAMMING LAB	23	42	2
15VV1A0105	R13101	ENGLISH-I	26	54	3
15VV1A0105	R13102	MATHEMATICS-I	25	56	3
15VV1A0105	R13104	ENGINEERING CHEMISTRY	24	44	3
15VV1A0105	R13105	COMPUTER PROGRAMMING	30	50	3
15VV1A0105	R13106	ENVIRONMENTAL STUDIES	24	59	3
15VV1A0105	R13110	ENGINEERING MECHANICS	26	55	3
15VV1A0105	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A0105	R13115	ENGINEERING CHEMISTRY LABORATORY	23	49	2
15VV1A0105	R13116	C.PROGRAMMING LAB	23	46	2
15VV1A0106	R13101	ENGLISH-I	26	50	3
15VV1A0106	R13102	MATHEMATICS-I	22	48	3
15VV1A0106	R13104	ENGINEERING CHEMISTRY	23	42	3
15VV1A0106	R13105	COMPUTER PROGRAMMING	27	57	3
15VV1A0106	R13106	ENVIRONMENTAL STUDIES	22	57	3
15VV1A0106	R13110	ENGINEERING MECHANICS	23	35	3
15VV1A0106	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A0106	R13115	ENGINEERING CHEMISTRY LABORATORY	23	40	2
15VV1A0106	R13116	C.PROGRAMMING LAB	19	44	2
15VV1A0107	R13101	ENGLISH-I	26	40	3
15VV1A0107	R13102	MATHEMATICS-I	21	24	3
15VV1A0107	R13104	ENGINEERING CHEMISTRY	24	38	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0107	R13105	COMPUTER PROGRAMMING	26	34	3
15VV1A0107	R13106	ENVIRONMENTAL STUDIES	22	52	3
15VV1A0107	R13110	ENGINEERING MECHANICS	22	24	3
15VV1A0107	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	39	2
15VV1A0107	R13115	ENGINEERING CHEMISTRY LABORATORY	24	43	2
15VV1A0107	R13116	C.PROGRAMMING LAB	19	45	2
15VV1A0109	R13101	ENGLISH-I	26	50	3
15VV1A0109	R13102	MATHEMATICS-I	24	49	3
15VV1A0109	R13104	ENGINEERING CHEMISTRY	28	47	3
15VV1A0109	R13105	COMPUTER PROGRAMMING	27	47	3
15VV1A0109	R13106	ENVIRONMENTAL STUDIES	27	56	3
15VV1A0109	R13110	ENGINEERING MECHANICS	27	53	3
15VV1A0109	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A0109	R13115	ENGINEERING CHEMISTRY LABORATORY	25	50	2
15VV1A0109	R13116	C.PROGRAMMING LAB	21	45	2
15VV1A0110	R13101	ENGLISH-I	24	41	3
15VV1A0110	R13102	MATHEMATICS-I	22	43	3
15VV1A0110	R13104	ENGINEERING CHEMISTRY	25	39	3
15VV1A0110	R13105	COMPUTER PROGRAMMING	26	44	3
15VV1A0110	R13106	ENVIRONMENTAL STUDIES	20	44	3
15VV1A0110	R13110	ENGINEERING MECHANICS	24	44	3
15VV1A0110	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	37	2
15VV1A0110	R13115	ENGINEERING CHEMISTRY LABORATORY	23	40	2
15VV1A0110	R13116	C.PROGRAMMING LAB	21	44	2
15VV1A0111	R13101	ENGLISH-I	27	49	3
15VV1A0111	R13102	MATHEMATICS-I	26	64	3
15VV1A0111	R13104	ENGINEERING CHEMISTRY	27	52	3
15VV1A0111	R13105	COMPUTER PROGRAMMING	27	51	3
15VV1A0111	R13106	ENVIRONMENTAL STUDIES	25	56	3
15VV1A0111	R13110	ENGINEERING MECHANICS	27	54	3
15VV1A0111	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	43	2
15VV1A0111	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A0111	R13116	C.PROGRAMMING LAB	23	44	2
15VV1A0112	R13101	ENGLISH-I	28	48	3
15VV1A0112	R13102	MATHEMATICS-I	19	37	3
15VV1A0112	R13104	ENGINEERING CHEMISTRY	24	50	3
15VV1A0112	R13105	COMPUTER PROGRAMMING	26	55	3
15VV1A0112	R13106	ENVIRONMENTAL STUDIES	25	64	3
15VV1A0112	R13110	ENGINEERING MECHANICS	25	46	3
15VV1A0112	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	43	2
15VV1A0112	R13115	ENGINEERING CHEMISTRY LABORATORY	23	49	2
15VV1A0112	R13116	C.PROGRAMMING LAB	21	45	2
15VV1A0113	R13101	ENGLISH-I	22	44	3
15VV1A0113	R13102	MATHEMATICS-I	16	32	3
15VV1A0113	R13104	ENGINEERING CHEMISTRY	20	43	3
15VV1A0113	R13105	COMPUTER PROGRAMMING	24	41	3
15VV1A0113	R13106	ENVIRONMENTAL STUDIES	22	47	3
15VV1A0113	R13110	ENGINEERING MECHANICS	21	30	3
15VV1A0113	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	40	2
15VV1A0113	R13115	ENGINEERING CHEMISTRY LABORATORY	22	41	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0113	R13116	C.PROGRAMMING LAB	20	46	2
15VV1A0114	R13101	ENGLISH-I	25	47	3
15VV1A0114	R13102	MATHEMATICS-I	21	53	3
15VV1A0114	R13104	ENGINEERING CHEMISTRY	23	47	3
15VV1A0114	R13105	COMPUTER PROGRAMMING	25	50	3
15VV1A0114	R13106	ENVIRONMENTAL STUDIES	24	49	3
15VV1A0114	R13110	ENGINEERING MECHANICS	22	36	3
15VV1A0114	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	46	2
15VV1A0114	R13115	ENGINEERING CHEMISTRY LABORATORY	23	48	2
15VV1A0114	R13116	C.PROGRAMMING LAB	24	42	2
15VV1A0115	R13101	ENGLISH-I	26	48	3
15VV1A0115	R13102	MATHEMATICS-I	22	62	3
15VV1A0115	R13104	ENGINEERING CHEMISTRY	26	48	3
15VV1A0115	R13105	COMPUTER PROGRAMMING	29	49	3
15VV1A0115	R13106	ENVIRONMENTAL STUDIES	25	59	3
15VV1A0115	R13110	ENGINEERING MECHANICS	26	55	3
15VV1A0115	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	43	2
15VV1A0115	R13115	ENGINEERING CHEMISTRY LABORATORY	20	50	2
15VV1A0115	R13116	C.PROGRAMMING LAB	25	47	2
15VV1A0116	R13101	ENGLISH-I	23	-1	0
15VV1A0116	R13102	MATHEMATICS-I	18	-1	0
15VV1A0116	R13104	ENGINEERING CHEMISTRY	24	-1	0
15VV1A0116	R13105	COMPUTER PROGRAMMING	23	-1	0
15VV1A0116	R13106	ENVIRONMENTAL STUDIES	20	-1	0
15VV1A0116	R13110	ENGINEERING MECHANICS	20	-1	0
15VV1A0116	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	36	2
15VV1A0116	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A0116	R13116	C.PROGRAMMING LAB	16	37	2
15VV1A0117	R13101	ENGLISH-I	22	49	3
15VV1A0117	R13102	MATHEMATICS-I	19	44	3
15VV1A0117	R13104	ENGINEERING CHEMISTRY	25	39	3
15VV1A0117	R13105	COMPUTER PROGRAMMING	21	36	3
15VV1A0117	R13106	ENVIRONMENTAL STUDIES	23	49	3
15VV1A0117	R13110	ENGINEERING MECHANICS	21	27	3
15VV1A0117	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	37	2
15VV1A0117	R13115	ENGINEERING CHEMISTRY LABORATORY	24	35	2
15VV1A0117	R13116	C.PROGRAMMING LAB	18	44	2
15VV1A0119	R13101	ENGLISH-I	23	47	3
15VV1A0119	R13102	MATHEMATICS-I	24	37	3
15VV1A0119	R13104	ENGINEERING CHEMISTRY	22	39	3
15VV1A0119	R13105	COMPUTER PROGRAMMING	25	45	3
15VV1A0119	R13106	ENVIRONMENTAL STUDIES	23	46	3
15VV1A0119	R13110	ENGINEERING MECHANICS	27	31	3
15VV1A0119	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	41	2
15VV1A0119	R13115	ENGINEERING CHEMISTRY LABORATORY	23	41	2
15VV1A0119	R13116	C.PROGRAMMING LAB	24	44	2
15VV1A0120	R13101	ENGLISH-I	27	45	3
15VV1A0120	R13102	MATHEMATICS-I	26	62	3
15VV1A0120	R13104	ENGINEERING CHEMISTRY	25	39	3
15VV1A0120	R13105	COMPUTER PROGRAMMING	27	60	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0120	R13106	ENVIRONMENTAL STUDIES	24	59	3
15VV1A0120	R13110	ENGINEERING MECHANICS	27	59	3
15VV1A0120	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A0120	R13115	ENGINEERING CHEMISTRY LABORATORY	24	43	2
15VV1A0120	R13116	C.PROGRAMMING LAB	25	46	2
15VV1A0121	R13101	ENGLISH-I	24	48	3
15VV1A0121	R13102	MATHEMATICS-I	16	30	3
15VV1A0121	R13104	ENGINEERING CHEMISTRY	23	42	3
15VV1A0121	R13105	COMPUTER PROGRAMMING	21	52	3
15VV1A0121	R13106	ENVIRONMENTAL STUDIES	25	52	3
15VV1A0121	R13110	ENGINEERING MECHANICS	26	37	3
15VV1A0121	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	16	37	2
15VV1A0121	R13115	ENGINEERING CHEMISTRY LABORATORY	23	40	2
15VV1A0121	R13116	C.PROGRAMMING LAB	17	38	2
15VV1A0122	R13101	ENGLISH-I	26	46	3
15VV1A0122	R13102	MATHEMATICS-I	22	30	3
15VV1A0122	R13104	ENGINEERING CHEMISTRY	25	42	3
15VV1A0122	R13105	COMPUTER PROGRAMMING	27	43	3
15VV1A0122	R13106	ENVIRONMENTAL STUDIES	24	53	3
15VV1A0122	R13110	ENGINEERING MECHANICS	25	31	3
15VV1A0122	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	32	2
15VV1A0122	R13115	ENGINEERING CHEMISTRY LABORATORY	24	44	2
15VV1A0122	R13116	C.PROGRAMMING LAB	19	44	2
15VV1A0123	R13101	ENGLISH-I	23	47	3
15VV1A0123	R13102	MATHEMATICS-I	21	32	3
15VV1A0123	R13104	ENGINEERING CHEMISTRY	23	34	3
15VV1A0123	R13105	COMPUTER PROGRAMMING	21	39	3
15VV1A0123	R13106	ENVIRONMENTAL STUDIES	18	52	3
15VV1A0123	R13110	ENGINEERING MECHANICS	22	27	3
15VV1A0123	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	34	2
15VV1A0123	R13115	ENGINEERING CHEMISTRY LABORATORY	23	41	2
15VV1A0123	R13116	C.PROGRAMMING LAB	19	39	2
15VV1A0124	R13101	ENGLISH-I	25	50	3
15VV1A0124	R13102	MATHEMATICS-I	19	39	3
15VV1A0124	R13104	ENGINEERING CHEMISTRY	25	39	3
15VV1A0124	R13105	COMPUTER PROGRAMMING	27	60	3
15VV1A0124	R13106	ENVIRONMENTAL STUDIES	22	53	3
15VV1A0124	R13110	ENGINEERING MECHANICS	22	45	3
15VV1A0124	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A0124	R13115	ENGINEERING CHEMISTRY LABORATORY	24	41	2
15VV1A0124	R13116	C.PROGRAMMING LAB	23	46	2
15VV1A0125	R13101	ENGLISH-I	27	48	3
15VV1A0125	R13102	MATHEMATICS-I	22	40	3
15VV1A0125	R13104	ENGINEERING CHEMISTRY	21	37	3
15VV1A0125	R13105	COMPUTER PROGRAMMING	21	54	3
15VV1A0125	R13106	ENVIRONMENTAL STUDIES	24	59	3
15VV1A0125	R13110	ENGINEERING MECHANICS	26	42	3
15VV1A0125	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	38	2
15VV1A0125	R13115	ENGINEERING CHEMISTRY LABORATORY	22	50	2
15VV1A0125	R13116	C.PROGRAMMING LAB	20	43	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0127	R13101	ENGLISH-I	24	46	3
15VV1A0127	R13102	MATHEMATICS-I	25	41	3
15VV1A0127	R13104	ENGINEERING CHEMISTRY	21	35	3
15VV1A0127	R13105	COMPUTER PROGRAMMING	26	49	3
15VV1A0127	R13106	ENVIRONMENTAL STUDIES	24	45	3
15VV1A0127	R13110	ENGINEERING MECHANICS	23	27	3
15VV1A0127	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	37	2
15VV1A0127	R13115	ENGINEERING CHEMISTRY LABORATORY	22	42	2
15VV1A0127	R13116	C.PROGRAMMING LAB	19	41	2
15VV1A0128	R13101	ENGLISH-I	27	49	3
15VV1A0128	R13102	MATHEMATICS-I	24	47	3
15VV1A0128	R13104	ENGINEERING CHEMISTRY	23	35	3
15VV1A0128	R13105	COMPUTER PROGRAMMING	27	47	3
15VV1A0128	R13106	ENVIRONMENTAL STUDIES	25	55	3
15VV1A0128	R13110	ENGINEERING MECHANICS	22	37	3
15VV1A0128	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	38	2
15VV1A0128	R13115	ENGINEERING CHEMISTRY LABORATORY	23	42	2
15VV1A0128	R13116	C.PROGRAMMING LAB	23	45	2
15VV1A0201	R13101	ENGLISH-I	27	55	3
15VV1A0201	R13102	MATHEMATICS-I	22	32	3
15VV1A0201	R13103	ENGINEERING PHYSICS	13	39	3
15VV1A0201	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	66	3
15VV1A0201	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	44	3
15VV1A0201	R13109	ENGINEERING DRAWING	23	24	3
15VV1A0201	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A0201	R13112	ENGINEERING PHYSICS LABORATORY	24	41	2
15VV1A0201	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	42	2
15VV1A0203	R13101	ENGLISH-I	25	56	3
15VV1A0203	R13102	MATHEMATICS-I	27	40	3
15VV1A0203	R13103	ENGINEERING PHYSICS	14	44	3
15VV1A0203	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	66	3
15VV1A0203	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	17	49	3
15VV1A0203	R13109	ENGINEERING DRAWING	25	44	3
15VV1A0203	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	42	2
15VV1A0203	R13112	ENGINEERING PHYSICS LABORATORY	25	48	2
15VV1A0203	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	40	2
15VV1A0204	R13101	ENGLISH-I	21	46	3
15VV1A0204	R13102	MATHEMATICS-I	27	46	3
15VV1A0204	R13103	ENGINEERING PHYSICS	17	45	3
15VV1A0204	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	66	3
15VV1A0204	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	24	43	3
15VV1A0204	R13109	ENGINEERING DRAWING	25	20	0
15VV1A0204	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	41	2
15VV1A0204	R13112	ENGINEERING PHYSICS LABORATORY	24	46	2
15VV1A0204	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	40	2
15VV1A0205	R13101	ENGLISH-I	20	53	3
15VV1A0205	R13102	MATHEMATICS-I	27	53	3
15VV1A0205	R13103	ENGINEERING PHYSICS	16	43	3
15VV1A0205	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	58	3
15VV1A0205	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	46	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0205	R13109	ENGINEERING DRAWING	28	52	3
15VV1A0205	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	41	2
15VV1A0205	R13112	ENGINEERING PHYSICS LABORATORY	21	44	2
15VV1A0205	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	44	2
15VV1A0206	R13101	ENGLISH-I	18	45	3
15VV1A0206	R13102	MATHEMATICS-I	20	24	3
15VV1A0206	R13103	ENGINEERING PHYSICS	12	20	0
15VV1A0206	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	32	3
15VV1A0206	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	18	42	3
15VV1A0206	R13109	ENGINEERING DRAWING	25	30	3
15VV1A0206	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	32	2
15VV1A0206	R13112	ENGINEERING PHYSICS LABORATORY	18	42	2
15VV1A0206	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	41	2
15VV1A0207	R13101	ENGLISH-I	23	53	3
15VV1A0207	R13102	MATHEMATICS-I	23	29	3
15VV1A0207	R13103	ENGINEERING PHYSICS	17	34	3
15VV1A0207	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	41	3
15VV1A0207	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	47	3
15VV1A0207	R13109	ENGINEERING DRAWING	24	48	3
15VV1A0207	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	39	2
15VV1A0207	R13112	ENGINEERING PHYSICS LABORATORY	23	35	2
15VV1A0207	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	38	2
15VV1A0209	R13101	ENGLISH-I	23	51	3
15VV1A0209	R13102	MATHEMATICS-I	28	50	3
15VV1A0209	R13103	ENGINEERING PHYSICS	17	45	3
15VV1A0209	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	65	3
15VV1A0209	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	48	3
15VV1A0209	R13109	ENGINEERING DRAWING	27	20	0
15VV1A0209	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	42	2
15VV1A0209	R13112	ENGINEERING PHYSICS LABORATORY	24	45	2
15VV1A0209	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	38	2
15VV1A0211	R13101	ENGLISH-I	23	54	3
15VV1A0211	R13102	MATHEMATICS-I	25	44	3
15VV1A0211	R13103	ENGINEERING PHYSICS	19	51	3
15VV1A0211	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	62	3
15VV1A0211	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	19	56	3
15VV1A0211	R13109	ENGINEERING DRAWING	22	27	3
15VV1A0211	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	36	2
15VV1A0211	R13112	ENGINEERING PHYSICS LABORATORY	24	47	2
15VV1A0211	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	45	2
15VV1A0212	R13101	ENGLISH-I	25	53	3
15VV1A0212	R13102	MATHEMATICS-I	26	67	3
15VV1A0212	R13103	ENGINEERING PHYSICS	16	43	3
15VV1A0212	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	57	3
15VV1A0212	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	47	3
15VV1A0212	R13109	ENGINEERING DRAWING	26	36	3
15VV1A0212	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	42	2
15VV1A0212	R13112	ENGINEERING PHYSICS LABORATORY	21	45	2
15VV1A0212	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	44	2
15VV1A0213	R13101	ENGLISH-I	21	54	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0213	R13102	MATHEMATICS-I	20	33	3
15VV1A0213	R13103	ENGINEERING PHYSICS	13	45	3
15VV1A0213	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	16	52	3
15VV1A0213	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	47	3
15VV1A0213	R13109	ENGINEERING DRAWING	26	26	3
15VV1A0213	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	37	2
15VV1A0213	R13112	ENGINEERING PHYSICS LABORATORY	22	45	2
15VV1A0213	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	40	2
15VV1A0214	R13101	ENGLISH-I	20	53	3
15VV1A0214	R13102	MATHEMATICS-I	28	50	3
15VV1A0214	R13103	ENGINEERING PHYSICS	18	43	3
15VV1A0214	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	53	3
15VV1A0214	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	45	3
15VV1A0214	R13109	ENGINEERING DRAWING	27	52	3
15VV1A0214	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	37	2
15VV1A0214	R13112	ENGINEERING PHYSICS LABORATORY	23	50	2
15VV1A0214	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	41	2
15VV1A0216	R13101	ENGLISH-I	25	54	3
15VV1A0216	R13102	MATHEMATICS-I	26	41	3
15VV1A0216	R13103	ENGINEERING PHYSICS	17	42	3
15VV1A0216	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	43	3
15VV1A0216	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	47	3
15VV1A0216	R13109	ENGINEERING DRAWING	27	36	3
15VV1A0216	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	42	2
15VV1A0216	R13112	ENGINEERING PHYSICS LABORATORY	24	47	2
15VV1A0216	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	40	2
15VV1A0217	R13101	ENGLISH-I	19	52	3
15VV1A0217	R13102	MATHEMATICS-I	17	28	3
15VV1A0217	R13103	ENGINEERING PHYSICS	11	19	0
15VV1A0217	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	14	48	3
15VV1A0217	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	17	45	3
15VV1A0217	R13109	ENGINEERING DRAWING	29	41	3
15VV1A0217	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	35	2
15VV1A0217	R13112	ENGINEERING PHYSICS LABORATORY	21	28	2
15VV1A0217	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	42	2
15VV1A0218	R13101	ENGLISH-I	24	48	3
15VV1A0218	R13102	MATHEMATICS-I	24	42	3
15VV1A0218	R13103	ENGINEERING PHYSICS	18	48	3
15VV1A0218	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	16	59	3
15VV1A0218	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	41	3
15VV1A0218	R13109	ENGINEERING DRAWING	23	16	0
15VV1A0218	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A0218	R13112	ENGINEERING PHYSICS LABORATORY	24	45	2
15VV1A0218	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	38	2
15VV1A0219	R13101	ENGLISH-I	25	50	3
15VV1A0219	R13102	MATHEMATICS-I	24	46	3
15VV1A0219	R13103	ENGINEERING PHYSICS	23	55	3
15VV1A0219	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	54	3
15VV1A0219	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	45	3
15VV1A0219	R13109	ENGINEERING DRAWING	27	40	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0219	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	45	2
15VV1A0219	R13112	ENGINEERING PHYSICS LABORATORY	25	49	2
15VV1A0219	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	45	2
15VV1A0220	R13101	ENGLISH-I	22	48	3
15VV1A0220	R13102	MATHEMATICS-I	21	51	3
15VV1A0220	R13103	ENGINEERING PHYSICS	16	34	3
15VV1A0220	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	59	3
15VV1A0220	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	44	3
15VV1A0220	R13109	ENGINEERING DRAWING	29	49	3
15VV1A0220	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	42	2
15VV1A0220	R13112	ENGINEERING PHYSICS LABORATORY	22	30	2
15VV1A0220	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	41	2
15VV1A0221	R13101	ENGLISH-I	22	52	3
15VV1A0221	R13102	MATHEMATICS-I	23	37	3
15VV1A0221	R13103	ENGINEERING PHYSICS	11	44	3
15VV1A0221	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	61	3
15VV1A0221	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	44	3
15VV1A0221	R13109	ENGINEERING DRAWING	27	48	3
15VV1A0221	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	40	2
15VV1A0221	R13112	ENGINEERING PHYSICS LABORATORY	25	35	2
15VV1A0221	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	42	2
15VV1A0222	R13101	ENGLISH-I	23	54	3
15VV1A0222	R13102	MATHEMATICS-I	22	50	3
15VV1A0222	R13103	ENGINEERING PHYSICS	19	49	3
15VV1A0222	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	57	3
15VV1A0222	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	50	3
15VV1A0222	R13109	ENGINEERING DRAWING	25	25	3
15VV1A0222	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A0222	R13112	ENGINEERING PHYSICS LABORATORY	22	48	2
15VV1A0222	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	42	2
15VV1A0223	R13101	ENGLISH-I	23	51	3
15VV1A0223	R13102	MATHEMATICS-I	26	36	3
15VV1A0223	R13103	ENGINEERING PHYSICS	16	44	3
15VV1A0223	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	48	3
15VV1A0223	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	39	3
15VV1A0223	R13109	ENGINEERING DRAWING	25	33	3
15VV1A0223	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A0223	R13112	ENGINEERING PHYSICS LABORATORY	23	45	2
15VV1A0223	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	45	2
15VV1A0224	R13101	ENGLISH-I	21	47	3
15VV1A0224	R13102	MATHEMATICS-I	23	53	3
15VV1A0224	R13103	ENGINEERING PHYSICS	18	50	3
15VV1A0224	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	68	3
15VV1A0224	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	19	40	3
15VV1A0224	R13109	ENGINEERING DRAWING	25	38	3
15VV1A0224	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A0224	R13112	ENGINEERING PHYSICS LABORATORY	21	46	2
15VV1A0224	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	19	39	2
15VV1A0225	R13101	ENGLISH-I	22	49	3
15VV1A0225	R13102	MATHEMATICS-I	23	47	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0225	R13103	ENGINEERING PHYSICS	11	32	3
15VV1A0225	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	56	3
15VV1A0225	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	17	39	3
15VV1A0225	R13109	ENGINEERING DRAWING	22	42	3
15VV1A0225	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	34	2
15VV1A0225	R13112	ENGINEERING PHYSICS LABORATORY	23	34	2
15VV1A0225	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	19	41	2
15VV1A0227	R13101	ENGLISH-I	22	52	3
15VV1A0227	R13102	MATHEMATICS-I	20	49	3
15VV1A0227	R13103	ENGINEERING PHYSICS	12	47	3
15VV1A0227	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	62	3
15VV1A0227	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	46	3
15VV1A0227	R13109	ENGINEERING DRAWING	26	26	3
15VV1A0227	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	43	2
15VV1A0227	R13112	ENGINEERING PHYSICS LABORATORY	22	30	2
15VV1A0227	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	44	2
15VV1A0228	R13101	ENGLISH-I	14	41	3
15VV1A0228	R13102	MATHEMATICS-I	24	42	3
15VV1A0228	R13103	ENGINEERING PHYSICS	8	17	0
15VV1A0228	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	16	39	3
15VV1A0228	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	10	36	3
15VV1A0228	R13109	ENGINEERING DRAWING	15	9	0
15VV1A0228	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	23	2
15VV1A0228	R13112	ENGINEERING PHYSICS LABORATORY	20	44	2
15VV1A0228	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	18	32	2
15VV1A0229	R13101	ENGLISH-I	23	50	3
15VV1A0229	R13102	MATHEMATICS-I	24	62	3
15VV1A0229	R13103	ENGINEERING PHYSICS	21	45	3
15VV1A0229	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	58	3
15VV1A0229	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	50	3
15VV1A0229	R13109	ENGINEERING DRAWING	26	43	3
15VV1A0229	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0229	R13112	ENGINEERING PHYSICS LABORATORY	25	46	2
15VV1A0229	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	42	2
15VV1A0230	R13101	ENGLISH-I	23	46	3
15VV1A0230	R13102	MATHEMATICS-I	22	48	3
15VV1A0230	R13103	ENGINEERING PHYSICS	11	4	0
15VV1A0230	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	53	3
15VV1A0230	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	46	3
15VV1A0230	R13109	ENGINEERING DRAWING	20	28	3
15VV1A0230	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	45	2
15VV1A0230	R13112	ENGINEERING PHYSICS LABORATORY	25	46	2
15VV1A0230	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	39	2
15VV1A0231	R13101	ENGLISH-I	24	53	3
15VV1A0231	R13102	MATHEMATICS-I	25	59	3
15VV1A0231	R13103	ENGINEERING PHYSICS	20	57	3
15VV1A0231	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	70	3
15VV1A0231	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	46	3
15VV1A0231	R13109	ENGINEERING DRAWING	22	44	3
15VV1A0231	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	42	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0231	R13112	ENGINEERING PHYSICS LABORATORY	25	44	2
15VV1A0231	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	45	2
15VV1A0232	R13101	ENGLISH-I	24	48	3
15VV1A0232	R13102	MATHEMATICS-I	26	46	3
15VV1A0232	R13103	ENGINEERING PHYSICS	15	48	3
15VV1A0232	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	15	57	3
15VV1A0232	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	19	43	3
15VV1A0232	R13109	ENGINEERING DRAWING	23	38	3
15VV1A0232	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	34	2
15VV1A0232	R13112	ENGINEERING PHYSICS LABORATORY	23	46	2
15VV1A0232	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	43	2
15VV1A0233	R13101	ENGLISH-I	24	53	3
15VV1A0233	R13102	MATHEMATICS-I	26	57	3
15VV1A0233	R13103	ENGINEERING PHYSICS	14	53	3
15VV1A0233	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	67	3
15VV1A0233	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	51	3
15VV1A0233	R13109	ENGINEERING DRAWING	24	32	3
15VV1A0233	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	46	2
15VV1A0233	R13112	ENGINEERING PHYSICS LABORATORY	25	48	2
15VV1A0233	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	46	2
15VV1A0234	R13101	ENGLISH-I	23	51	3
15VV1A0234	R13102	MATHEMATICS-I	21	48	3
15VV1A0234	R13103	ENGINEERING PHYSICS	15	53	3
15VV1A0234	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	60	3
15VV1A0234	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	19	41	3
15VV1A0234	R13109	ENGINEERING DRAWING	26	30	3
15VV1A0234	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	28	2
15VV1A0234	R13112	ENGINEERING PHYSICS LABORATORY	22	33	2
15VV1A0234	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	41	2
15VV1A0235	R13101	ENGLISH-I	23	55	3
15VV1A0235	R13102	MATHEMATICS-I	27	64	3
15VV1A0235	R13103	ENGINEERING PHYSICS	15	47	3
15VV1A0235	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	66	3
15VV1A0235	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	51	3
15VV1A0235	R13109	ENGINEERING DRAWING	25	22	0
15VV1A0235	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	37	2
15VV1A0235	R13112	ENGINEERING PHYSICS LABORATORY	25	43	2
15VV1A0235	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	39	2
15VV1A0236	R13101	ENGLISH-I	23	53	3
15VV1A0236	R13102	MATHEMATICS-I	27	53	3
15VV1A0236	R13103	ENGINEERING PHYSICS	14	54	3
15VV1A0236	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	68	3
15VV1A0236	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	47	3
15VV1A0236	R13109	ENGINEERING DRAWING	27	35	3
15VV1A0236	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	45	2
15VV1A0236	R13112	ENGINEERING PHYSICS LABORATORY	24	38	2
15VV1A0236	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	43	2
15VV1A0237	R13101	ENGLISH-I	21	48	3
15VV1A0237	R13102	MATHEMATICS-I	19	52	3
15VV1A0237	R13103	ENGINEERING PHYSICS	9	39	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0237	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	9	24	0
15VV1A0237	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	19	50	3
15VV1A0237	R13109	ENGINEERING DRAWING	2	6	0
15VV1A0237	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	34	2
15VV1A0237	R13112	ENGINEERING PHYSICS LABORATORY	21	44	2
15VV1A0237	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	41	2
15VV1A0238	R13101	ENGLISH-I	23	55	3
15VV1A0238	R13102	MATHEMATICS-I	20	48	3
15VV1A0238	R13103	ENGINEERING PHYSICS	11	39	3
15VV1A0238	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	14	60	3
15VV1A0238	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	24	47	3
15VV1A0238	R13109	ENGINEERING DRAWING	25	20	0
15VV1A0238	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A0238	R13112	ENGINEERING PHYSICS LABORATORY	24	37	2
15VV1A0238	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	43	2
15VV1A0239	R13101	ENGLISH-I	22	54	3
15VV1A0239	R13102	MATHEMATICS-I	25	51	3
15VV1A0239	R13103	ENGINEERING PHYSICS	21	57	3
15VV1A0239	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	23	63	3
15VV1A0239	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	46	3
15VV1A0239	R13109	ENGINEERING DRAWING	25	48	3
15VV1A0239	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	35	2
15VV1A0239	R13112	ENGINEERING PHYSICS LABORATORY	25	46	2
15VV1A0239	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	43	2
15VV1A0240	R13101	ENGLISH-I	21	55	3
15VV1A0240	R13102	MATHEMATICS-I	24	51	3
15VV1A0240	R13103	ENGINEERING PHYSICS	19	40	3
15VV1A0240	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	16	49	3
15VV1A0240	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	19	39	3
15VV1A0240	R13109	ENGINEERING DRAWING	20	24	3
15VV1A0240	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	35	2
15VV1A0240	R13112	ENGINEERING PHYSICS LABORATORY	23	26	2
15VV1A0240	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	45	2
15VV1A0241	R13101	ENGLISH-I	22	44	3
15VV1A0241	R13102	MATHEMATICS-I	24	51	3
15VV1A0241	R13103	ENGINEERING PHYSICS	8	41	3
15VV1A0241	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	15	55	3
15VV1A0241	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	42	3
15VV1A0241	R13109	ENGINEERING DRAWING	19	18	0
15VV1A0241	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	27	2
15VV1A0241	R13112	ENGINEERING PHYSICS LABORATORY	20	24	2
15VV1A0241	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	18	46	2
15VV1A0242	R13101	ENGLISH-I	19	54	3
15VV1A0242	R13102	MATHEMATICS-I	25	54	3
15VV1A0242	R13103	ENGINEERING PHYSICS	9	34	3
15VV1A0242	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	49	3
15VV1A0242	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	45	3
15VV1A0242	R13109	ENGINEERING DRAWING	25	42	3
15VV1A0242	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	37	2
15VV1A0242	R13112	ENGINEERING PHYSICS LABORATORY	23	48	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0242	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	43	2
15VV1A0243	R13101	ENGLISH-I	22	54	3
15VV1A0243	R13102	MATHEMATICS-I	27	64	3
15VV1A0243	R13103	ENGINEERING PHYSICS	11	46	3
15VV1A0243	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	15	62	3
15VV1A0243	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	44	3
15VV1A0243	R13109	ENGINEERING DRAWING	24	25	3
15VV1A0243	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	42	2
15VV1A0243	R13112	ENGINEERING PHYSICS LABORATORY	22	47	2
15VV1A0243	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	41	2
15VV1A0244	R13101	ENGLISH-I	26	56	3
15VV1A0244	R13102	MATHEMATICS-I	30	64	3
15VV1A0244	R13103	ENGINEERING PHYSICS	22	61	3
15VV1A0244	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	23	50	3
15VV1A0244	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	45	3
15VV1A0244	R13109	ENGINEERING DRAWING	28	30	3
15VV1A0244	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	44	2
15VV1A0244	R13112	ENGINEERING PHYSICS LABORATORY	25	47	2
15VV1A0244	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	42	2
15VV1A0245	R13101	ENGLISH-I	20	43	3
15VV1A0245	R13102	MATHEMATICS-I	21	44	3
15VV1A0245	R13103	ENGINEERING PHYSICS	12	36	3
15VV1A0245	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	56	3
15VV1A0245	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	16	36	3
15VV1A0245	R13109	ENGINEERING DRAWING	22	35	3
15VV1A0245	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	35	2
15VV1A0245	R13112	ENGINEERING PHYSICS LABORATORY	23	49	2
15VV1A0245	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	44	2
15VV1A0246	R13101	ENGLISH-I	21	57	3
15VV1A0246	R13102	MATHEMATICS-I	21	53	3
15VV1A0246	R13103	ENGINEERING PHYSICS	14	63	3
15VV1A0246	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	62	3
15VV1A0246	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	38	3
15VV1A0246	R13109	ENGINEERING DRAWING	27	54	3
15VV1A0246	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A0246	R13112	ENGINEERING PHYSICS LABORATORY	25	50	2
15VV1A0246	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	43	2
15VV1A0247	R13101	ENGLISH-I	26	55	3
15VV1A0247	R13102	MATHEMATICS-I	21	25	3
15VV1A0247	R13103	ENGINEERING PHYSICS	16	51	3
15VV1A0247	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	56	3
15VV1A0247	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	49	3
15VV1A0247	R13109	ENGINEERING DRAWING	21	40	3
15VV1A0247	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A0247	R13112	ENGINEERING PHYSICS LABORATORY	24	37	2
15VV1A0247	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	44	2
15VV1A0248	R13101	ENGLISH-I	21	45	3
15VV1A0248	R13102	MATHEMATICS-I	20	30	3
15VV1A0248	R13103	ENGINEERING PHYSICS	11	39	3
15VV1A0248	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	16	49	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0248	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	18	47	3
15VV1A0248	R13109	ENGINEERING DRAWING	24	36	3
15VV1A0248	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	37	2
15VV1A0248	R13112	ENGINEERING PHYSICS LABORATORY	23	42	2
15VV1A0248	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	43	2
15VV1A0249	R13101	ENGLISH-I	24	51	3
15VV1A0249	R13102	MATHEMATICS-I	27	39	3
15VV1A0249	R13103	ENGINEERING PHYSICS	13	40	3
15VV1A0249	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	66	3
15VV1A0249	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	45	3
15VV1A0249	R13109	ENGINEERING DRAWING	21	11	0
15VV1A0249	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	26	2
15VV1A0249	R13112	ENGINEERING PHYSICS LABORATORY	22	45	2
15VV1A0249	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	46	2
15VV1A0250	R13101	ENGLISH-I	12	49	3
15VV1A0250	R13102	MATHEMATICS-I	19	32	3
15VV1A0250	R13103	ENGINEERING PHYSICS	11	34	3
15VV1A0250	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	41	3
15VV1A0250	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	39	3
15VV1A0250	R13109	ENGINEERING DRAWING	17	17	0
15VV1A0250	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	32	2
15VV1A0250	R13112	ENGINEERING PHYSICS LABORATORY	17	37	2
15VV1A0250	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	19	43	2
15VV1A0301	R13101	ENGLISH-I	15	43	3
15VV1A0301	R13102	MATHEMATICS-I	17	28	3
15VV1A0301	R13104	ENGINEERING CHEMISTRY	20	35	3
15VV1A0301	R13105	COMPUTER PROGRAMMING	19	24	3
15VV1A0301	R13106	ENVIRONMENTAL STUDIES	29	47	3
15VV1A0301	R13110	ENGINEERING MECHANICS	13	8	0
15VV1A0301	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	32	2
15VV1A0301	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A0301	R13116	C.PROGRAMMING LAB	20	41	2
15VV1A0302	R13101	ENGLISH-I	17	37	3
15VV1A0302	R13102	MATHEMATICS-I	10	18	0
15VV1A0302	R13104	ENGINEERING CHEMISTRY	16	37	3
15VV1A0302	R13105	COMPUTER PROGRAMMING	18	24	3
15VV1A0302	R13106	ENVIRONMENTAL STUDIES	21	49	3
15VV1A0302	R13110	ENGINEERING MECHANICS	13	15	0
15VV1A0302	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	16	25	2
15VV1A0302	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A0302	R13116	C.PROGRAMMING LAB	22	37	2
15VV1A0303	R13101	ENGLISH-I	29	45	3
15VV1A0303	R13102	MATHEMATICS-I	28	49	3
15VV1A0303	R13104	ENGINEERING CHEMISTRY	27	53	3
15VV1A0303	R13105	COMPUTER PROGRAMMING	29	38	3
15VV1A0303	R13106	ENVIRONMENTAL STUDIES	29	58	3
15VV1A0303	R13110	ENGINEERING MECHANICS	27	42	3
15VV1A0303	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A0303	R13115	ENGINEERING CHEMISTRY LABORATORY	24	48	2
15VV1A0303	R13116	C.PROGRAMMING LAB	23	48	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0304	R13101	ENGLISH-I	27	46	3
15VV1A0304	R13102	MATHEMATICS-I	24	42	3
15VV1A0304	R13104	ENGINEERING CHEMISTRY	28	50	3
15VV1A0304	R13105	COMPUTER PROGRAMMING	26	52	3
15VV1A0304	R13106	ENVIRONMENTAL STUDIES	29	54	3
15VV1A0304	R13110	ENGINEERING MECHANICS	24	36	3
15VV1A0304	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0304	R13115	ENGINEERING CHEMISTRY LABORATORY	25	50	2
15VV1A0304	R13116	C.PROGRAMMING LAB	23	44	2
15VV1A0305	R13101	ENGLISH-I	23	48	3
15VV1A0305	R13102	MATHEMATICS-I	24	46	3
15VV1A0305	R13104	ENGINEERING CHEMISTRY	27	45	3
15VV1A0305	R13105	COMPUTER PROGRAMMING	25	35	3
15VV1A0305	R13106	ENVIRONMENTAL STUDIES	29	54	3
15VV1A0305	R13110	ENGINEERING MECHANICS	26	29	3
15VV1A0305	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A0305	R13115	ENGINEERING CHEMISTRY LABORATORY	24	43	2
15VV1A0305	R13116	C.PROGRAMMING LAB	23	44	2
15VV1A0306	R13101	ENGLISH-I	15	45	3
15VV1A0306	R13102	MATHEMATICS-I	15	4	0
15VV1A0306	R13104	ENGINEERING CHEMISTRY	17	26	3
15VV1A0306	R13105	COMPUTER PROGRAMMING	23	6	0
15VV1A0306	R13106	ENVIRONMENTAL STUDIES	19	43	3
15VV1A0306	R13110	ENGINEERING MECHANICS	23	3	0
15VV1A0306	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	41	2
15VV1A0306	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A0306	R13116	C.PROGRAMMING LAB	19	31	2
15VV1A0307	R13101	ENGLISH-I	26	56	3
15VV1A0307	R13102	MATHEMATICS-I	23	36	3
15VV1A0307	R13104	ENGINEERING CHEMISTRY	28	44	3
15VV1A0307	R13105	COMPUTER PROGRAMMING	26	43	3
15VV1A0307	R13106	ENVIRONMENTAL STUDIES	28	53	3
15VV1A0307	R13110	ENGINEERING MECHANICS	21	34	3
15VV1A0307	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0307	R13115	ENGINEERING CHEMISTRY LABORATORY	25	50	2
15VV1A0307	R13116	C.PROGRAMMING LAB	23	41	2
15VV1A0308	R13101	ENGLISH-I	23	54	3
15VV1A0308	R13102	MATHEMATICS-I	18	34	3
15VV1A0308	R13104	ENGINEERING CHEMISTRY	24	37	3
15VV1A0308	R13105	COMPUTER PROGRAMMING	20	38	3
15VV1A0308	R13106	ENVIRONMENTAL STUDIES	28	52	3
15VV1A0308	R13110	ENGINEERING MECHANICS	16	25	3
15VV1A0308	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	40	2
15VV1A0308	R13115	ENGINEERING CHEMISTRY LABORATORY	22	50	2
15VV1A0308	R13116	C.PROGRAMMING LAB	19	36	2
15VV1A0309	R13101	ENGLISH-I	25	53	3
15VV1A0309	R13102	MATHEMATICS-I	19	45	3
15VV1A0309	R13104	ENGINEERING CHEMISTRY	25	44	3
15VV1A0309	R13105	COMPUTER PROGRAMMING	27	49	3
15VV1A0309	R13106	ENVIRONMENTAL STUDIES	29	61	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0309	R13110	ENGINEERING MECHANICS	19	34	3
15VV1A0309	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	38	2
15VV1A0309	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0309	R13116	C.PROGRAMMING LAB	20	34	2
15VV1A0310	R13101	ENGLISH-I	26	52	3
15VV1A0310	R13102	MATHEMATICS-I	23	42	3
15VV1A0310	R13104	ENGINEERING CHEMISTRY	24	54	3
15VV1A0310	R13105	COMPUTER PROGRAMMING	30	58	3
15VV1A0310	R13106	ENVIRONMENTAL STUDIES	29	58	3
15VV1A0310	R13110	ENGINEERING MECHANICS	22	42	3
15VV1A0310	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	46	2
15VV1A0310	R13115	ENGINEERING CHEMISTRY LABORATORY	21	50	2
15VV1A0310	R13116	C.PROGRAMMING LAB	25	47	2
15VV1A0311	R13101	ENGLISH-I	23	52	3
15VV1A0311	R13102	MATHEMATICS-I	25	37	3
15VV1A0311	R13104	ENGINEERING CHEMISTRY	25	44	3
15VV1A0311	R13105	COMPUTER PROGRAMMING	28	42	3
15VV1A0311	R13106	ENVIRONMENTAL STUDIES	26	55	3
15VV1A0311	R13110	ENGINEERING MECHANICS	24	32	3
15VV1A0311	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	44	2
15VV1A0311	R13115	ENGINEERING CHEMISTRY LABORATORY	23	49	2
15VV1A0311	R13116	C.PROGRAMMING LAB	24	48	2
15VV1A0312	R13101	ENGLISH-I	23	51	3
15VV1A0312	R13102	MATHEMATICS-I	22	52	3
15VV1A0312	R13104	ENGINEERING CHEMISTRY	23	48	3
15VV1A0312	R13105	COMPUTER PROGRAMMING	22	46	3
15VV1A0312	R13106	ENVIRONMENTAL STUDIES	25	58	3
15VV1A0312	R13110	ENGINEERING MECHANICS	21	58	3
15VV1A0312	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	40	2
15VV1A0312	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A0312	R13116	C.PROGRAMMING LAB	21	43	2
15VV1A0313	R13101	ENGLISH-I	27	52	3
15VV1A0313	R13102	MATHEMATICS-I	21	24	3
15VV1A0313	R13104	ENGINEERING CHEMISTRY	25	41	3
15VV1A0313	R13105	COMPUTER PROGRAMMING	25	40	3
15VV1A0313	R13106	ENVIRONMENTAL STUDIES	27	55	3
15VV1A0313	R13110	ENGINEERING MECHANICS	19	32	3
15VV1A0313	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	16	37	2
15VV1A0313	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0313	R13116	C.PROGRAMMING LAB	23	39	2
15VV1A0314	R13101	ENGLISH-I	23	54	3
15VV1A0314	R13102	MATHEMATICS-I	23	39	3
15VV1A0314	R13104	ENGINEERING CHEMISTRY	27	49	3
15VV1A0314	R13105	COMPUTER PROGRAMMING	27	52	3
15VV1A0314	R13106	ENVIRONMENTAL STUDIES	29	59	3
15VV1A0314	R13110	ENGINEERING MECHANICS	21	40	3
15VV1A0314	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	39	2
15VV1A0314	R13115	ENGINEERING CHEMISTRY LABORATORY	24	48	2
15VV1A0314	R13116	C.PROGRAMMING LAB	21	39	2
15VV1A0315	R13101	ENGLISH-I	17	46	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0315	R13102	MATHEMATICS-I	19	13	0
15VV1A0315	R13104	ENGINEERING CHEMISTRY	19	26	3
15VV1A0315	R13105	COMPUTER PROGRAMMING	19	16	0
15VV1A0315	R13106	ENVIRONMENTAL STUDIES	21	37	3
15VV1A0315	R13110	ENGINEERING MECHANICS	13	10	0
15VV1A0315	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	35	2
15VV1A0315	R13115	ENGINEERING CHEMISTRY LABORATORY	21	32	2
15VV1A0315	R13116	C.PROGRAMMING LAB	18	36	2
15VV1A0316	R13101	ENGLISH-I	23	48	3
15VV1A0316	R13102	MATHEMATICS-I	17	24	3
15VV1A0316	R13104	ENGINEERING CHEMISTRY	29	44	3
15VV1A0316	R13105	COMPUTER PROGRAMMING	29	54	3
15VV1A0316	R13106	ENVIRONMENTAL STUDIES	28	54	3
15VV1A0316	R13110	ENGINEERING MECHANICS	19	31	3
15VV1A0316	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	44	2
15VV1A0316	R13115	ENGINEERING CHEMISTRY LABORATORY	25	45	2
15VV1A0316	R13116	C.PROGRAMMING LAB	23	39	2
15VV1A0317	R13101	ENGLISH-I	24	54	3
15VV1A0317	R13102	MATHEMATICS-I	26	50	3
15VV1A0317	R13104	ENGINEERING CHEMISTRY	28	53	3
15VV1A0317	R13105	COMPUTER PROGRAMMING	24	56	3
15VV1A0317	R13106	ENVIRONMENTAL STUDIES	26	56	3
15VV1A0317	R13110	ENGINEERING MECHANICS	26	35	3
15VV1A0317	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	43	2
15VV1A0317	R13115	ENGINEERING CHEMISTRY LABORATORY	25	48	2
15VV1A0317	R13116	C.PROGRAMMING LAB	24	48	2
15VV1A0319	R13101	ENGLISH-I	19	46	3
15VV1A0319	R13102	MATHEMATICS-I	24	49	3
15VV1A0319	R13104	ENGINEERING CHEMISTRY	22	41	3
15VV1A0319	R13105	COMPUTER PROGRAMMING	22	44	3
15VV1A0319	R13106	ENVIRONMENTAL STUDIES	26	54	3
15VV1A0319	R13110	ENGINEERING MECHANICS	21	38	3
15VV1A0319	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	39	2
15VV1A0319	R13115	ENGINEERING CHEMISTRY LABORATORY	22	43	2
15VV1A0319	R13116	C.PROGRAMMING LAB	20	35	2
15VV1A0320	R13101	ENGLISH-I	21	53	3
15VV1A0320	R13102	MATHEMATICS-I	22	35	3
15VV1A0320	R13104	ENGINEERING CHEMISTRY	25	35	3
15VV1A0320	R13105	COMPUTER PROGRAMMING	22	29	3
15VV1A0320	R13106	ENVIRONMENTAL STUDIES	25	42	3
15VV1A0320	R13110	ENGINEERING MECHANICS	19	34	3
15VV1A0320	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	16	39	2
15VV1A0320	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A0320	R13116	C.PROGRAMMING LAB	20	38	2
15VV1A0321	R13101	ENGLISH-I	22	46	3
15VV1A0321	R13102	MATHEMATICS-I	22	44	3
15VV1A0321	R13104	ENGINEERING CHEMISTRY	20	31	3
15VV1A0321	R13105	COMPUTER PROGRAMMING	23	29	3
15VV1A0321	R13106	ENVIRONMENTAL STUDIES	29	57	3
15VV1A0321	R13110	ENGINEERING MECHANICS	19	32	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0321	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	39	2
15VV1A0321	R13115	ENGINEERING CHEMISTRY LABORATORY	22	45	2
15VV1A0321	R13116	C.PROGRAMMING LAB	22	45	2
15VV1A0322	R13101	ENGLISH-I	22	49	3
15VV1A0322	R13102	MATHEMATICS-I	25	51	3
15VV1A0322	R13104	ENGINEERING CHEMISTRY	25	46	3
15VV1A0322	R13105	COMPUTER PROGRAMMING	26	16	0
15VV1A0322	R13106	ENVIRONMENTAL STUDIES	25	46	3
15VV1A0322	R13110	ENGINEERING MECHANICS	24	38	3
15VV1A0322	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	44	2
15VV1A0322	R13115	ENGINEERING CHEMISTRY LABORATORY	23	40	2
15VV1A0322	R13116	C.PROGRAMMING LAB	19	45	2
15VV1A0323	R13101	ENGLISH-I	24	46	3
15VV1A0323	R13102	MATHEMATICS-I	21	37	3
15VV1A0323	R13104	ENGINEERING CHEMISTRY	25	46	3
15VV1A0323	R13105	COMPUTER PROGRAMMING	26	47	3
15VV1A0323	R13106	ENVIRONMENTAL STUDIES	27	57	3
15VV1A0323	R13110	ENGINEERING MECHANICS	21	32	3
15VV1A0323	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	42	2
15VV1A0323	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A0323	R13116	C.PROGRAMMING LAB	19	43	2
15VV1A0324	R13101	ENGLISH-I	23	47	3
15VV1A0324	R13102	MATHEMATICS-I	24	59	3
15VV1A0324	R13104	ENGINEERING CHEMISTRY	25	43	3
15VV1A0324	R13105	COMPUTER PROGRAMMING	23	32	3
15VV1A0324	R13106	ENVIRONMENTAL STUDIES	27	53	3
15VV1A0324	R13110	ENGINEERING MECHANICS	24	31	3
15VV1A0324	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	44	2
15VV1A0324	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0324	R13116	C.PROGRAMMING LAB	23	49	2
15VV1A0325	R13101	ENGLISH-I	22	50	3
15VV1A0325	R13102	MATHEMATICS-I	28	57	3
15VV1A0325	R13104	ENGINEERING CHEMISTRY	25	45	3
15VV1A0325	R13105	COMPUTER PROGRAMMING	25	36	3
15VV1A0325	R13106	ENVIRONMENTAL STUDIES	30	54	3
15VV1A0325	R13110	ENGINEERING MECHANICS	22	30	3
15VV1A0325	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	41	2
15VV1A0325	R13115	ENGINEERING CHEMISTRY LABORATORY	23	42	2
15VV1A0325	R13116	C.PROGRAMMING LAB	21	42	2
15VV1A0326	R13101	ENGLISH-I	23	46	3
15VV1A0326	R13102	MATHEMATICS-I	22	44	3
15VV1A0326	R13104	ENGINEERING CHEMISTRY	25	51	3
15VV1A0326	R13105	COMPUTER PROGRAMMING	25	24	3
15VV1A0326	R13106	ENVIRONMENTAL STUDIES	28	54	3
15VV1A0326	R13110	ENGINEERING MECHANICS	21	32	3
15VV1A0326	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A0326	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A0326	R13116	C.PROGRAMMING LAB	23	42	2
15VV1A0327	R13101	ENGLISH-I	26	53	3
15VV1A0327	R13102	MATHEMATICS-I	24	42	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0327	R13104	ENGINEERING CHEMISTRY	24	45	3
15VV1A0327	R13105	COMPUTER PROGRAMMING	26	38	3
15VV1A0327	R13106	ENVIRONMENTAL STUDIES	27	57	3
15VV1A0327	R13110	ENGINEERING MECHANICS	24	37	3
15VV1A0327	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	46	2
15VV1A0327	R13115	ENGINEERING CHEMISTRY LABORATORY	22	42	2
15VV1A0327	R13116	C.PROGRAMMING LAB	23	45	2
15VV1A0329	R13101	ENGLISH-I	27	54	3
15VV1A0329	R13102	MATHEMATICS-I	22	38	3
15VV1A0329	R13104	ENGINEERING CHEMISTRY	26	54	3
15VV1A0329	R13105	COMPUTER PROGRAMMING	26	52	3
15VV1A0329	R13106	ENVIRONMENTAL STUDIES	24	52	3
15VV1A0329	R13110	ENGINEERING MECHANICS	21	45	3
15VV1A0329	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	45	2
15VV1A0329	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0329	R13116	C.PROGRAMMING LAB	23	38	2
15VV1A0330	R13101	ENGLISH-I	26	54	3
15VV1A0330	R13102	MATHEMATICS-I	25	41	3
15VV1A0330	R13104	ENGINEERING CHEMISTRY	28	40	3
15VV1A0330	R13105	COMPUTER PROGRAMMING	26	51	3
15VV1A0330	R13106	ENVIRONMENTAL STUDIES	28	53	3
15VV1A0330	R13110	ENGINEERING MECHANICS	26	42	3
15VV1A0330	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	39	2
15VV1A0330	R13115	ENGINEERING CHEMISTRY LABORATORY	25	46	2
15VV1A0330	R13116	C.PROGRAMMING LAB	23	44	2
15VV1A0331	R13101	ENGLISH-I	25	46	3
15VV1A0331	R13102	MATHEMATICS-I	19	37	3
15VV1A0331	R13104	ENGINEERING CHEMISTRY	24	46	3
15VV1A0331	R13105	COMPUTER PROGRAMMING	26	46	3
15VV1A0331	R13106	ENVIRONMENTAL STUDIES	30	48	3
15VV1A0331	R13110	ENGINEERING MECHANICS	23	44	3
15VV1A0331	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	44	2
15VV1A0331	R13115	ENGINEERING CHEMISTRY LABORATORY	22	48	2
15VV1A0331	R13116	C.PROGRAMMING LAB	25	40	2
15VV1A0332	R13101	ENGLISH-I	28	56	3
15VV1A0332	R13102	MATHEMATICS-I	21	42	3
15VV1A0332	R13104	ENGINEERING CHEMISTRY	25	47	3
15VV1A0332	R13105	COMPUTER PROGRAMMING	27	46	3
15VV1A0332	R13106	ENVIRONMENTAL STUDIES	27	61	3
15VV1A0332	R13110	ENGINEERING MECHANICS	21	27	3
15VV1A0332	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A0332	R13115	ENGINEERING CHEMISTRY LABORATORY	23	50	2
15VV1A0332	R13116	C.PROGRAMMING LAB	23	38	2
15VV1A0333	R13101	ENGLISH-I	27	54	3
15VV1A0333	R13102	MATHEMATICS-I	24	43	3
15VV1A0333	R13104	ENGINEERING CHEMISTRY	28	44	3
15VV1A0333	R13105	COMPUTER PROGRAMMING	26	45	3
15VV1A0333	R13106	ENVIRONMENTAL STUDIES	24	60	3
15VV1A0333	R13110	ENGINEERING MECHANICS	23	38	3
15VV1A0333	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	44	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0333	R13115	ENGINEERING CHEMISTRY LABORATORY	25	49	2
15VV1A0333	R13116	C.PROGRAMMING LAB	23	44	2
15VV1A0334	R13101	ENGLISH-I	23	52	3
15VV1A0334	R13102	MATHEMATICS-I	19	45	3
15VV1A0334	R13104	ENGINEERING CHEMISTRY	27	43	3
15VV1A0334	R13105	COMPUTER PROGRAMMING	25	42	3
15VV1A0334	R13106	ENVIRONMENTAL STUDIES	25	51	3
15VV1A0334	R13110	ENGINEERING MECHANICS	24	28	3
15VV1A0334	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	45	2
15VV1A0334	R13115	ENGINEERING CHEMISTRY LABORATORY	24	49	2
15VV1A0334	R13116	C.PROGRAMMING LAB	21	36	2
15VV1A0335	R13101	ENGLISH-I	22	49	3
15VV1A0335	R13102	MATHEMATICS-I	23	45	3
15VV1A0335	R13104	ENGINEERING CHEMISTRY	24	38	3
15VV1A0335	R13105	COMPUTER PROGRAMMING	24	38	3
15VV1A0335	R13106	ENVIRONMENTAL STUDIES	27	56	3
15VV1A0335	R13110	ENGINEERING MECHANICS	25	35	3
15VV1A0335	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	38	2
15VV1A0335	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A0335	R13116	C.PROGRAMMING LAB	25	40	2
15VV1A0336	R13101	ENGLISH-I	25	54	3
15VV1A0336	R13102	MATHEMATICS-I	24	36	3
15VV1A0336	R13104	ENGINEERING CHEMISTRY	23	36	3
15VV1A0336	R13105	COMPUTER PROGRAMMING	23	34	3
15VV1A0336	R13106	ENVIRONMENTAL STUDIES	26	51	3
15VV1A0336	R13110	ENGINEERING MECHANICS	22	12	0
15VV1A0336	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A0336	R13115	ENGINEERING CHEMISTRY LABORATORY	22	49	2
15VV1A0336	R13116	C.PROGRAMMING LAB	19	46	2
15VV1A0337	R13101	ENGLISH-I	27	56	3
15VV1A0337	R13102	MATHEMATICS-I	22	51	3
15VV1A0337	R13104	ENGINEERING CHEMISTRY	27	49	3
15VV1A0337	R13105	COMPUTER PROGRAMMING	28	46	3
15VV1A0337	R13106	ENVIRONMENTAL STUDIES	25	58	3
15VV1A0337	R13110	ENGINEERING MECHANICS	21	43	3
15VV1A0337	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0337	R13115	ENGINEERING CHEMISTRY LABORATORY	24	48	2
15VV1A0337	R13116	C.PROGRAMMING LAB	23	41	2
15VV1A0338	R13101	ENGLISH-I	23	51	3
15VV1A0338	R13102	MATHEMATICS-I	22	46	3
15VV1A0338	R13104	ENGINEERING CHEMISTRY	26	50	3
15VV1A0338	R13105	COMPUTER PROGRAMMING	26	60	3
15VV1A0338	R13106	ENVIRONMENTAL STUDIES	24	51	3
15VV1A0338	R13110	ENGINEERING MECHANICS	21	32	3
15VV1A0338	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	41	2
15VV1A0338	R13115	ENGINEERING CHEMISTRY LABORATORY	24	46	2
15VV1A0338	R13116	C.PROGRAMMING LAB	25	47	2
15VV1A0339	R13101	ENGLISH-I	24	52	3
15VV1A0339	R13102	MATHEMATICS-I	19	34	3
15VV1A0339	R13104	ENGINEERING CHEMISTRY	26	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0339	R13105	COMPUTER PROGRAMMING	22	43	3
15VV1A0339	R13106	ENVIRONMENTAL STUDIES	28	62	3
15VV1A0339	R13110	ENGINEERING MECHANICS	21	36	3
15VV1A0339	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	44	2
15VV1A0339	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0339	R13116	C.PROGRAMMING LAB	22	44	2
15VV1A0340	R13101	ENGLISH-I	21	50	3
15VV1A0340	R13102	MATHEMATICS-I	28	38	3
15VV1A0340	R13104	ENGINEERING CHEMISTRY	22	39	3
15VV1A0340	R13105	COMPUTER PROGRAMMING	23	42	3
15VV1A0340	R13106	ENVIRONMENTAL STUDIES	27	49	3
15VV1A0340	R13110	ENGINEERING MECHANICS	21	24	3
15VV1A0340	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	39	2
15VV1A0340	R13115	ENGINEERING CHEMISTRY LABORATORY	22	40	2
15VV1A0340	R13116	C.PROGRAMMING LAB	23	43	2
15VV1A0341	R13101	ENGLISH-I	26	49	3
15VV1A0341	R13102	MATHEMATICS-I	22	46	3
15VV1A0341	R13104	ENGINEERING CHEMISTRY	27	50	3
15VV1A0341	R13105	COMPUTER PROGRAMMING	26	52	3
15VV1A0341	R13106	ENVIRONMENTAL STUDIES	27	53	3
15VV1A0341	R13110	ENGINEERING MECHANICS	19	34	3
15VV1A0341	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A0341	R13115	ENGINEERING CHEMISTRY LABORATORY	24	43	2
15VV1A0341	R13116	C.PROGRAMMING LAB	25	38	2
15VV1A0342	R13101	ENGLISH-I	22	50	3
15VV1A0342	R13102	MATHEMATICS-I	24	44	3
15VV1A0342	R13104	ENGINEERING CHEMISTRY	23	40	3
15VV1A0342	R13105	COMPUTER PROGRAMMING	25	36	3
15VV1A0342	R13106	ENVIRONMENTAL STUDIES	28	50	3
15VV1A0342	R13110	ENGINEERING MECHANICS	22	34	3
15VV1A0342	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	39	2
15VV1A0342	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A0342	R13116	C.PROGRAMMING LAB	23	39	2
15VV1A0343	R13101	ENGLISH-I	19	50	3
15VV1A0343	R13102	MATHEMATICS-I	16	31	3
15VV1A0343	R13104	ENGINEERING CHEMISTRY	20	36	3
15VV1A0343	R13105	COMPUTER PROGRAMMING	22	37	3
15VV1A0343	R13106	ENVIRONMENTAL STUDIES	24	47	3
15VV1A0343	R13110	ENGINEERING MECHANICS	21	24	3
15VV1A0343	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	15	36	2
15VV1A0343	R13115	ENGINEERING CHEMISTRY LABORATORY	22	42	2
15VV1A0343	R13116	C.PROGRAMMING LAB	20	35	2
15VV1A0344	R13101	ENGLISH-I	25	49	3
15VV1A0344	R13102	MATHEMATICS-I	19	26	3
15VV1A0344	R13104	ENGINEERING CHEMISTRY	24	48	3
15VV1A0344	R13105	COMPUTER PROGRAMMING	26	45	3
15VV1A0344	R13106	ENVIRONMENTAL STUDIES	25	56	3
15VV1A0344	R13110	ENGINEERING MECHANICS	23	36	3
15VV1A0344	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A0344	R13115	ENGINEERING CHEMISTRY LABORATORY	22	49	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0344	R13116	C.PROGRAMMING LAB	24	49	2
15VV1A0345	R13101	ENGLISH-I	22	34	3
15VV1A0345	R13102	MATHEMATICS-I	24	41	3
15VV1A0345	R13104	ENGINEERING CHEMISTRY	27	37	3
15VV1A0345	R13105	COMPUTER PROGRAMMING	24	24	3
15VV1A0345	R13106	ENVIRONMENTAL STUDIES	25	40	3
15VV1A0345	R13110	ENGINEERING MECHANICS	19	46	3
15VV1A0345	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0345	R13115	ENGINEERING CHEMISTRY LABORATORY	24	43	2
15VV1A0345	R13116	C.PROGRAMMING LAB	23	47	2
15VV1A0346	R13101	ENGLISH-I	24	46	3
15VV1A0346	R13102	MATHEMATICS-I	24	49	3
15VV1A0346	R13104	ENGINEERING CHEMISTRY	25	45	3
15VV1A0346	R13105	COMPUTER PROGRAMMING	24	42	3
15VV1A0346	R13106	ENVIRONMENTAL STUDIES	26	51	3
15VV1A0346	R13110	ENGINEERING MECHANICS	26	42	3
15VV1A0346	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	44	2
15VV1A0346	R13115	ENGINEERING CHEMISTRY LABORATORY	23	44	2
15VV1A0346	R13116	C.PROGRAMMING LAB	19	37	2
15VV1A0347	R13101	ENGLISH-I	24	51	3
15VV1A0347	R13102	MATHEMATICS-I	21	37	3
15VV1A0347	R13104	ENGINEERING CHEMISTRY	23	38	3
15VV1A0347	R13105	COMPUTER PROGRAMMING	24	38	3
15VV1A0347	R13106	ENVIRONMENTAL STUDIES	26	62	3
15VV1A0347	R13110	ENGINEERING MECHANICS	25	39	3
15VV1A0347	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	14	37	2
15VV1A0347	R13115	ENGINEERING CHEMISTRY LABORATORY	22	46	2
15VV1A0347	R13116	C.PROGRAMMING LAB	23	34	2
15VV1A0349	R13101	ENGLISH-I	24	52	3
15VV1A0349	R13102	MATHEMATICS-I	21	43	3
15VV1A0349	R13104	ENGINEERING CHEMISTRY	28	40	3
15VV1A0349	R13105	COMPUTER PROGRAMMING	25	37	3
15VV1A0349	R13106	ENVIRONMENTAL STUDIES	24	50	3
15VV1A0349	R13110	ENGINEERING MECHANICS	23	29	3
15VV1A0349	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	16	45	2
15VV1A0349	R13115	ENGINEERING CHEMISTRY LABORATORY	25	44	2
15VV1A0349	R13116	C.PROGRAMMING LAB	23	44	2
15VV1A0350	R13101	ENGLISH-I	22	49	3
15VV1A0350	R13102	MATHEMATICS-I	25	44	3
15VV1A0350	R13104	ENGINEERING CHEMISTRY	25	38	3
15VV1A0350	R13105	COMPUTER PROGRAMMING	25	37	3
15VV1A0350	R13106	ENVIRONMENTAL STUDIES	25	48	3
15VV1A0350	R13110	ENGINEERING MECHANICS	21	30	3
15VV1A0350	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	41	2
15VV1A0350	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A0350	R13116	C.PROGRAMMING LAB	25	46	2
15VV1A0352	R13101	ENGLISH-I	27	47	3
15VV1A0352	R13102	MATHEMATICS-I	27	54	3
15VV1A0352	R13104	ENGINEERING CHEMISTRY	26	39	3
15VV1A0352	R13105	COMPUTER PROGRAMMING	25	24	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0352	R13106	ENVIRONMENTAL STUDIES	28	46	3
15VV1A0352	R13110	ENGINEERING MECHANICS	26	43	3
15VV1A0352	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	15	40	2
15VV1A0352	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A0352	R13116	C.PROGRAMMING LAB	21	40	2
15VV1A0353	R13101	ENGLISH-I	23	47	3
15VV1A0353	R13102	MATHEMATICS-I	23	38	3
15VV1A0353	R13104	ENGINEERING CHEMISTRY	26	45	3
15VV1A0353	R13105	COMPUTER PROGRAMMING	24	44	3
15VV1A0353	R13106	ENVIRONMENTAL STUDIES	24	51	3
15VV1A0353	R13110	ENGINEERING MECHANICS	24	37	3
15VV1A0353	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A0353	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0353	R13116	C.PROGRAMMING LAB	25	38	2
15VV1A0354	R13101	ENGLISH-I	23	49	3
15VV1A0354	R13102	MATHEMATICS-I	23	54	3
15VV1A0354	R13104	ENGINEERING CHEMISTRY	25	36	3
15VV1A0354	R13105	COMPUTER PROGRAMMING	26	39	3
15VV1A0354	R13106	ENVIRONMENTAL STUDIES	25	50	3
15VV1A0354	R13110	ENGINEERING MECHANICS	23	41	3
15VV1A0354	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	35	2
15VV1A0354	R13115	ENGINEERING CHEMISTRY LABORATORY	23	44	2
15VV1A0354	R13116	C.PROGRAMMING LAB	24	47	2
15VV1A0355	R13101	ENGLISH-I	22	50	3
15VV1A0355	R13102	MATHEMATICS-I	20	42	3
15VV1A0355	R13104	ENGINEERING CHEMISTRY	25	35	3
15VV1A0355	R13105	COMPUTER PROGRAMMING	27	47	3
15VV1A0355	R13106	ENVIRONMENTAL STUDIES	20	49	3
15VV1A0355	R13110	ENGINEERING MECHANICS	23	42	3
15VV1A0355	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	31	2
15VV1A0355	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0355	R13116	C.PROGRAMMING LAB	25	49	2
15VV1A0357	R13101	ENGLISH-I	24	42	3
15VV1A0357	R13102	MATHEMATICS-I	22	46	3
15VV1A0357	R13104	ENGINEERING CHEMISTRY	24	42	3
15VV1A0357	R13105	COMPUTER PROGRAMMING	24	46	3
15VV1A0357	R13106	ENVIRONMENTAL STUDIES	27	55	3
15VV1A0357	R13110	ENGINEERING MECHANICS	24	24	3
15VV1A0357	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	38	2
15VV1A0357	R13115	ENGINEERING CHEMISTRY LABORATORY	22	45	2
15VV1A0357	R13116	C.PROGRAMMING LAB	23	31	2
15VV1A0358	R13101	ENGLISH-I	20	45	3
15VV1A0358	R13102	MATHEMATICS-I	12	16	0
15VV1A0358	R13104	ENGINEERING CHEMISTRY	16	24	3
15VV1A0358	R13105	COMPUTER PROGRAMMING	18	24	3
15VV1A0358	R13106	ENVIRONMENTAL STUDIES	21	47	3
15VV1A0358	R13110	ENGINEERING MECHANICS	18	7	0
15VV1A0358	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	13	37	2
15VV1A0358	R13115	ENGINEERING CHEMISTRY LABORATORY	21	44	2
15VV1A0358	R13116	C.PROGRAMMING LAB	22	35	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0402	R13101	ENGLISH-I	26	47	3
15VV1A0402	R13102	MATHEMATICS-I	28	43	3
15VV1A0402	R13103	ENGINEERING PHYSICS	26	55	3
15VV1A0402	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	23	64	3
15VV1A0402	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	27	50	3
15VV1A0402	R13109	ENGINEERING DRAWING	29	35	3
15VV1A0402	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	45	2
15VV1A0402	R13112	ENGINEERING PHYSICS LABORATORY	23	46	2
15VV1A0402	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	44	2
15VV1A0403	R13101	ENGLISH-I	29	53	3
15VV1A0403	R13102	MATHEMATICS-I	27	36	3
15VV1A0403	R13103	ENGINEERING PHYSICS	23	64	3
15VV1A0403	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	49	3
15VV1A0403	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	47	3
15VV1A0403	R13109	ENGINEERING DRAWING	25	25	3
15VV1A0403	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	45	2
15VV1A0403	R13112	ENGINEERING PHYSICS LABORATORY	23	45	2
15VV1A0403	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	49	2
15VV1A0404	R13101	ENGLISH-I	23	28	3
15VV1A0404	R13102	MATHEMATICS-I	19	24	3
15VV1A0404	R13103	ENGINEERING PHYSICS	13	41	3
15VV1A0404	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	62	3
15VV1A0404	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	44	3
15VV1A0404	R13109	ENGINEERING DRAWING	25	32	3
15VV1A0404	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	34	2
15VV1A0404	R13112	ENGINEERING PHYSICS LABORATORY	25	50	2
15VV1A0404	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	45	2
15VV1A0405	R13101	ENGLISH-I	21	35	3
15VV1A0405	R13102	MATHEMATICS-I	10	3	0
15VV1A0405	R13103	ENGINEERING PHYSICS	11	29	3
15VV1A0405	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	13	29	3
15VV1A0405	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	18	41	3
15VV1A0405	R13109	ENGINEERING DRAWING	27	30	3
15VV1A0405	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	36	2
15VV1A0405	R13112	ENGINEERING PHYSICS LABORATORY	24	46	2
15VV1A0405	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	46	2
15VV1A0406	R13101	ENGLISH-I	22	38	3
15VV1A0406	R13102	MATHEMATICS-I	15	25	3
15VV1A0406	R13103	ENGINEERING PHYSICS	10	30	3
15VV1A0406	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	14	39	3
15VV1A0406	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	17	46	3
15VV1A0406	R13109	ENGINEERING DRAWING	26	26	3
15VV1A0406	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A0406	R13112	ENGINEERING PHYSICS LABORATORY	22	30	2
15VV1A0406	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	46	2
15VV1A0407	R13101	ENGLISH-I	26	45	3
15VV1A0407	R13102	MATHEMATICS-I	30	57	3
15VV1A0407	R13103	ENGINEERING PHYSICS	24	54	3
15VV1A0407	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	25	63	3
15VV1A0407	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	42	3

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15VV1A0407	R13109	ENGINEERING DRAWING	30	38	3
15VV1A0407	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0407	R13112	ENGINEERING PHYSICS LABORATORY	23	46	2
15VV1A0407	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	44	2
15VV1A0408	R13101	ENGLISH-I	28	55	3
15VV1A0408	R13102	MATHEMATICS-I	26	47	3
15VV1A0408	R13103	ENGINEERING PHYSICS	21	55	3
15VV1A0408	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	23	65	3
15VV1A0408	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	46	3
15VV1A0408	R13109	ENGINEERING DRAWING	26	28	3
15VV1A0408	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0408	R13112	ENGINEERING PHYSICS LABORATORY	25	40	2
15VV1A0408	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	43	2
15VV1A0409	R13101	ENGLISH-I	27	40	3
15VV1A0409	R13102	MATHEMATICS-I	28	55	3
15VV1A0409	R13103	ENGINEERING PHYSICS	22	59	3
15VV1A0409	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	26	68	3
15VV1A0409	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	27	46	3
15VV1A0409	R13109	ENGINEERING DRAWING	30	40	3
15VV1A0409	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	45	2
15VV1A0409	R13112	ENGINEERING PHYSICS LABORATORY	24	45	2
15VV1A0409	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	44	2
15VV1A0410	R13101	ENGLISH-I	29	43	3
15VV1A0410	R13102	MATHEMATICS-I	30	58	3
15VV1A0410	R13103	ENGINEERING PHYSICS	27	58	3
15VV1A0410	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	25	68	3
15VV1A0410	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	28	47	3
15VV1A0410	R13109	ENGINEERING DRAWING	30	44	3
15VV1A0410	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	39	2
15VV1A0410	R13112	ENGINEERING PHYSICS LABORATORY	25	48	2
15VV1A0410	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	46	2
15VV1A0411	R13101	ENGLISH-I	28	43	3
15VV1A0411	R13102	MATHEMATICS-I	27	29	3
15VV1A0411	R13103	ENGINEERING PHYSICS	21	50	3
15VV1A0411	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	67	3
15VV1A0411	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	27	49	3
15VV1A0411	R13109	ENGINEERING DRAWING	29	31	3
15VV1A0411	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0411	R13112	ENGINEERING PHYSICS LABORATORY	25	41	2
15VV1A0411	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	41	2
15VV1A0412	R13101	ENGLISH-I	28	44	3
15VV1A0412	R13102	MATHEMATICS-I	25	38	3
15VV1A0412	R13103	ENGINEERING PHYSICS	23	55	3
15VV1A0412	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	59	3
15VV1A0412	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	47	3
15VV1A0412	R13109	ENGINEERING DRAWING	28	48	3
15VV1A0412	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0412	R13112	ENGINEERING PHYSICS LABORATORY	24	39	2
15VV1A0412	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	44	2
15VV1A0413	R13101	ENGLISH-I	28	47	3

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15VV1A0413	R13102	MATHEMATICS-I	25	39	3
15VV1A0413	R13103	ENGINEERING PHYSICS	23	50	3
15VV1A0413	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	53	3
15VV1A0413	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	50	3
15VV1A0413	R13109	ENGINEERING DRAWING	26	48	3
15VV1A0413	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A0413	R13112	ENGINEERING PHYSICS LABORATORY	24	39	2
15VV1A0413	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	46	2
15VV1A0414	R13101	ENGLISH-I	27	47	3
15VV1A0414	R13102	MATHEMATICS-I	25	30	3
15VV1A0414	R13103	ENGINEERING PHYSICS	21	55	3
15VV1A0414	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	62	3
15VV1A0414	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	28	50	3
15VV1A0414	R13109	ENGINEERING DRAWING	27	35	3
15VV1A0414	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A0414	R13112	ENGINEERING PHYSICS LABORATORY	24	46	2
15VV1A0414	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	48	2
15VV1A0415	R13101	ENGLISH-I	26	40	3
15VV1A0415	R13102	MATHEMATICS-I	20	31	3
15VV1A0415	R13103	ENGINEERING PHYSICS	16	38	3
15VV1A0415	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	67	3
15VV1A0415	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	24	49	3
15VV1A0415	R13109	ENGINEERING DRAWING	27	28	3
15VV1A0415	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	37	2
15VV1A0415	R13112	ENGINEERING PHYSICS LABORATORY	25	48	2
15VV1A0415	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	47	2
15VV1A0416	R13101	ENGLISH-I	26	45	3
15VV1A0416	R13102	MATHEMATICS-I	26	35	3
15VV1A0416	R13103	ENGINEERING PHYSICS	18	40	3
15VV1A0416	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	53	3
15VV1A0416	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	24	46	3
15VV1A0416	R13109	ENGINEERING DRAWING	27	39	3
15VV1A0416	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A0416	R13112	ENGINEERING PHYSICS LABORATORY	25	46	2
15VV1A0416	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	47	2
15VV1A0417	R13101	ENGLISH-I	26	41	3
15VV1A0417	R13102	MATHEMATICS-I	26	47	3
15VV1A0417	R13103	ENGINEERING PHYSICS	19	48	3
15VV1A0417	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	66	3
15VV1A0417	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	45	3
15VV1A0417	R13109	ENGINEERING DRAWING	25	34	3
15VV1A0417	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	39	2
15VV1A0417	R13112	ENGINEERING PHYSICS LABORATORY	24	47	2
15VV1A0417	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	48	2
15VV1A0418	R13101	ENGLISH-I	26	45	3
15VV1A0418	R13102	MATHEMATICS-I	28	44	3
15VV1A0418	R13103	ENGINEERING PHYSICS	22	57	3
15VV1A0418	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	25	59	3
15VV1A0418	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	24	42	3
15VV1A0418	R13109	ENGINEERING DRAWING	26	46	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0418	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	38	2
15VV1A0418	R13112	ENGINEERING PHYSICS LABORATORY	25	44	2
15VV1A0418	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	49	2
15VV1A0419	R13101	ENGLISH-I	24	37	3
15VV1A0419	R13102	MATHEMATICS-I	19	28	3
15VV1A0419	R13103	ENGINEERING PHYSICS	15	42	3
15VV1A0419	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	54	3
15VV1A0419	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	48	3
15VV1A0419	R13109	ENGINEERING DRAWING	29	32	3
15VV1A0419	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	34	2
15VV1A0419	R13112	ENGINEERING PHYSICS LABORATORY	25	38	2
15VV1A0419	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	46	2
15VV1A0420	R13101	ENGLISH-I	24	43	3
15VV1A0420	R13102	MATHEMATICS-I	28	16	0
15VV1A0420	R13103	ENGINEERING PHYSICS	23	38	3
15VV1A0420	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	57	3
15VV1A0420	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	44	3
15VV1A0420	R13109	ENGINEERING DRAWING	23	27	3
15VV1A0420	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	34	2
15VV1A0420	R13112	ENGINEERING PHYSICS LABORATORY	24	41	2
15VV1A0420	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	48	2
15VV1A0421	R13101	ENGLISH-I	27	47	3
15VV1A0421	R13102	MATHEMATICS-I	20	28	3
15VV1A0421	R13103	ENGINEERING PHYSICS	16	42	3
15VV1A0421	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	58	3
15VV1A0421	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	44	3
15VV1A0421	R13109	ENGINEERING DRAWING	23	27	3
15VV1A0421	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	42	2
15VV1A0421	R13112	ENGINEERING PHYSICS LABORATORY	24	46	2
15VV1A0421	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	45	2
15VV1A0423	R13101	ENGLISH-I	25	50	3
15VV1A0423	R13102	MATHEMATICS-I	30	55	3
15VV1A0423	R13103	ENGINEERING PHYSICS	23	53	3
15VV1A0423	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	26	62	3
15VV1A0423	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	45	3
15VV1A0423	R13109	ENGINEERING DRAWING	30	52	3
15VV1A0423	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	45	2
15VV1A0423	R13112	ENGINEERING PHYSICS LABORATORY	25	47	2
15VV1A0423	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	47	2
15VV1A0424	R13101	ENGLISH-I	26	34	3
15VV1A0424	R13102	MATHEMATICS-I	20	33	3
15VV1A0424	R13103	ENGINEERING PHYSICS	15	40	3
15VV1A0424	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	40	3
15VV1A0424	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	46	3
15VV1A0424	R13109	ENGINEERING DRAWING	24	17	0
15VV1A0424	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	40	2
15VV1A0424	R13112	ENGINEERING PHYSICS LABORATORY	23	41	2
15VV1A0424	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	45	2
15VV1A0425	R13101	ENGLISH-I	25	36	3
15VV1A0425	R13102	MATHEMATICS-I	22	40	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0425	R13103	ENGINEERING PHYSICS	23	60	3
15VV1A0425	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	48	3
15VV1A0425	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	20	44	3
15VV1A0425	R13109	ENGINEERING DRAWING	26	40	3
15VV1A0425	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A0425	R13112	ENGINEERING PHYSICS LABORATORY	23	47	2
15VV1A0425	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	43	2
15VV1A0427	R13101	ENGLISH-I	29	49	3
15VV1A0427	R13102	MATHEMATICS-I	30	25	3
15VV1A0427	R13103	ENGINEERING PHYSICS	14	54	3
15VV1A0427	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	57	3
15VV1A0427	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	45	3
15VV1A0427	R13109	ENGINEERING DRAWING	25	27	3
15VV1A0427	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	36	2
15VV1A0427	R13112	ENGINEERING PHYSICS LABORATORY	25	47	2
15VV1A0427	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	47	2
15VV1A0428	R13101	ENGLISH-I	24	36	3
15VV1A0428	R13102	MATHEMATICS-I	20	24	3
15VV1A0428	R13103	ENGINEERING PHYSICS	14	33	3
15VV1A0428	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	48	3
15VV1A0428	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	46	3
15VV1A0428	R13109	ENGINEERING DRAWING	30	41	3
15VV1A0428	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	39	2
15VV1A0428	R13112	ENGINEERING PHYSICS LABORATORY	21	46	2
15VV1A0428	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	46	2
15VV1A0429	R13101	ENGLISH-I	26	38	3
15VV1A0429	R13102	MATHEMATICS-I	27	27	3
15VV1A0429	R13103	ENGINEERING PHYSICS	19	44	3
15VV1A0429	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	66	3
15VV1A0429	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	46	3
15VV1A0429	R13109	ENGINEERING DRAWING	28	31	3
15VV1A0429	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A0429	R13112	ENGINEERING PHYSICS LABORATORY	23	44	2
15VV1A0429	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	44	2
15VV1A0430	R13101	ENGLISH-I	26	54	3
15VV1A0430	R13102	MATHEMATICS-I	30	30	3
15VV1A0430	R13103	ENGINEERING PHYSICS	21	58	3
15VV1A0430	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	53	3
15VV1A0430	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	27	44	3
15VV1A0430	R13109	ENGINEERING DRAWING	27	45	3
15VV1A0430	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0430	R13112	ENGINEERING PHYSICS LABORATORY	23	32	2
15VV1A0430	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	48	2
15VV1A0431	R13101	ENGLISH-I	27	50	3
15VV1A0431	R13102	MATHEMATICS-I	21	32	3
15VV1A0431	R13103	ENGINEERING PHYSICS	18	55	3
15VV1A0431	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	47	3
15VV1A0431	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	24	46	3
15VV1A0431	R13109	ENGINEERING DRAWING	29	29	3
15VV1A0431	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	36	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0431	R13112	ENGINEERING PHYSICS LABORATORY	23	44	2
15VV1A0431	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	44	2
15VV1A0432	R13101	ENGLISH-I	26	50	3
15VV1A0432	R13102	MATHEMATICS-I	17	27	3
15VV1A0432	R13103	ENGINEERING PHYSICS	17	44	3
15VV1A0432	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	51	3
15VV1A0432	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	27	48	3
15VV1A0432	R13109	ENGINEERING DRAWING	29	27	3
15VV1A0432	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A0432	R13112	ENGINEERING PHYSICS LABORATORY	24	47	2
15VV1A0432	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	40	2
15VV1A0433	R13101	ENGLISH-I	24	35	3
15VV1A0433	R13102	MATHEMATICS-I	20	35	3
15VV1A0433	R13103	ENGINEERING PHYSICS	12	30	3
15VV1A0433	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	15	46	3
15VV1A0433	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	17	42	3
15VV1A0433	R13109	ENGINEERING DRAWING	26	24	3
15VV1A0433	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	37	2
15VV1A0433	R13112	ENGINEERING PHYSICS LABORATORY	24	47	2
15VV1A0433	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	43	2
15VV1A0434	R13101	ENGLISH-I	28	51	3
15VV1A0434	R13102	MATHEMATICS-I	19	17	0
15VV1A0434	R13103	ENGINEERING PHYSICS	16	51	3
15VV1A0434	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	15	45	3
15VV1A0434	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	47	3
15VV1A0434	R13109	ENGINEERING DRAWING	27	26	3
15VV1A0434	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A0434	R13112	ENGINEERING PHYSICS LABORATORY	23	44	2
15VV1A0434	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	43	2
15VV1A0435	R13101	ENGLISH-I	28	54	3
15VV1A0435	R13102	MATHEMATICS-I	22	45	3
15VV1A0435	R13103	ENGINEERING PHYSICS	21	60	3
15VV1A0435	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	62	3
15VV1A0435	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	28	50	3
15VV1A0435	R13109	ENGINEERING DRAWING	29	35	3
15VV1A0435	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A0435	R13112	ENGINEERING PHYSICS LABORATORY	25	49	2
15VV1A0435	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	23	47	2
15VV1A0436	R13101	ENGLISH-I	23	49	3
15VV1A0436	R13102	MATHEMATICS-I	24	24	3
15VV1A0436	R13103	ENGINEERING PHYSICS	21	39	3
15VV1A0436	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	18	43	3
15VV1A0436	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	46	3
15VV1A0436	R13109	ENGINEERING DRAWING	24	39	3
15VV1A0436	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	39	2
15VV1A0436	R13112	ENGINEERING PHYSICS LABORATORY	23	45	2
15VV1A0436	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	47	2
15VV1A0437	R13101	ENGLISH-I	24	52	3
15VV1A0437	R13102	MATHEMATICS-I	25	25	3
15VV1A0437	R13103	ENGINEERING PHYSICS	19	52	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0437	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	14	44	3
15VV1A0437	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	45	3
15VV1A0437	R13109	ENGINEERING DRAWING	24	42	3
15VV1A0437	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	36	2
15VV1A0437	R13112	ENGINEERING PHYSICS LABORATORY	23	32	2
15VV1A0437	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	44	2
15VV1A0438	R13101	ENGLISH-I	25	44	3
15VV1A0438	R13102	MATHEMATICS-I	20	24	3
15VV1A0438	R13103	ENGINEERING PHYSICS	15	29	3
15VV1A0438	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	36	3
15VV1A0438	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	38	3
15VV1A0438	R13109	ENGINEERING DRAWING	28	32	3
15VV1A0438	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	38	2
15VV1A0438	R13112	ENGINEERING PHYSICS LABORATORY	16	32	2
15VV1A0438	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	47	2
15VV1A0439	R13101	ENGLISH-I	27	46	3
15VV1A0439	R13102	MATHEMATICS-I	27	27	3
15VV1A0439	R13103	ENGINEERING PHYSICS	17	35	3
15VV1A0439	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	37	3
15VV1A0439	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	40	3
15VV1A0439	R13109	ENGINEERING DRAWING	30	38	3
15VV1A0439	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A0439	R13112	ENGINEERING PHYSICS LABORATORY	25	47	2
15VV1A0439	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	22	45	2
15VV1A0441	R13101	ENGLISH-I	25	39	3
15VV1A0441	R13102	MATHEMATICS-I	22	27	3
15VV1A0441	R13103	ENGINEERING PHYSICS	16	33	3
15VV1A0441	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	20	44	3
15VV1A0441	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	17	46	3
15VV1A0441	R13109	ENGINEERING DRAWING	23	31	3
15VV1A0441	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	36	2
15VV1A0441	R13112	ENGINEERING PHYSICS LABORATORY	13	32	2
15VV1A0441	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	44	2
15VV1A0442	R13101	ENGLISH-I	26	53	3
15VV1A0442	R13102	MATHEMATICS-I	28	35	3
15VV1A0442	R13103	ENGINEERING PHYSICS	20	60	3
15VV1A0442	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	59	3
15VV1A0442	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	22	48	3
15VV1A0442	R13109	ENGINEERING DRAWING	30	44	3
15VV1A0442	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	41	2
15VV1A0442	R13112	ENGINEERING PHYSICS LABORATORY	22	48	2
15VV1A0442	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	49	2
15VV1A0443	R13101	ENGLISH-I	25	40	3
15VV1A0443	R13102	MATHEMATICS-I	28	34	3
15VV1A0443	R13103	ENGINEERING PHYSICS	19	31	3
15VV1A0443	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	38	3
15VV1A0443	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	43	3
15VV1A0443	R13109	ENGINEERING DRAWING	27	33	3
15VV1A0443	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	38	2
15VV1A0443	R13112	ENGINEERING PHYSICS LABORATORY	25	47	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0443	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	24	47	2
15VV1A0444	R13101	ENGLISH-I	24	53	3
15VV1A0444	R13102	MATHEMATICS-I	24	37	3
15VV1A0444	R13103	ENGINEERING PHYSICS	21	48	3
15VV1A0444	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	19	49	3
15VV1A0444	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	23	42	3
15VV1A0444	R13109	ENGINEERING DRAWING	29	38	3
15VV1A0444	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A0444	R13112	ENGINEERING PHYSICS LABORATORY	25	38	2
15VV1A0444	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	47	2
15VV1A0445	R13101	ENGLISH-I	23	36	3
15VV1A0445	R13102	MATHEMATICS-I	27	50	3
15VV1A0445	R13103	ENGINEERING PHYSICS	19	49	3
15VV1A0445	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	22	58	3
15VV1A0445	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	26	37	3
15VV1A0445	R13109	ENGINEERING DRAWING	27	31	3
15VV1A0445	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A0445	R13112	ENGINEERING PHYSICS LABORATORY	25	45	2
15VV1A0445	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	45	2
15VV1A0446	R13101	ENGLISH-I	26	40	3
15VV1A0446	R13102	MATHEMATICS-I	28	38	3
15VV1A0446	R13103	ENGINEERING PHYSICS	22	53	3
15VV1A0446	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	21	47	3
15VV1A0446	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	25	44	3
15VV1A0446	R13109	ENGINEERING DRAWING	27	36	3
15VV1A0446	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A0446	R13112	ENGINEERING PHYSICS LABORATORY	23	47	2
15VV1A0446	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	21	46	2
15VV1A0447	R13101	ENGLISH-I	24	37	3
15VV1A0447	R13102	MATHEMATICS-I	27	35	3
15VV1A0447	R13103	ENGINEERING PHYSICS	15	30	3
15VV1A0447	R13107	MATHEMATICS-II(MATHEMATICAL METHODS)	17	48	3
15VV1A0447	R13108	PROFESSIONAL ETHICS& HUMAN VALUES	21	43	3
15VV1A0447	R13109	ENGINEERING DRAWING	26	30	3
15VV1A0447	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A0447	R13112	ENGINEERING PHYSICS LABORATORY	24	48	2
15VV1A0447	R13114	ENGINEERING WORK SHOP & IT WORK SHOP	20	44	2
15VV1A0501	R13101	ENGLISH-I	24	56	3
15VV1A0501	R13102	MATHEMATICS-I	25	40	3
15VV1A0501	R13104	ENGINEERING CHEMISTRY	25	50	3
15VV1A0501	R13105	COMPUTER PROGRAMMING	21	45	3
15VV1A0501	R13106	ENVIRONMENTAL STUDIES	24	57	3
15VV1A0501	R13110	ENGINEERING MECHANICS	19	33	3
15VV1A0501	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A0501	R13115	ENGINEERING CHEMISTRY LABORATORY	24	49	2
15VV1A0501	R13116	C.PROGRAMMING LAB	19	41	2
15VV1A0502	R13101	ENGLISH-I	28	55	3
15VV1A0502	R13102	MATHEMATICS-I	28	61	3
15VV1A0502	R13104	ENGINEERING CHEMISTRY	28	49	3
15VV1A0502	R13105	COMPUTER PROGRAMMING	27	52	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0502	R13106	ENVIRONMENTAL STUDIES	28	63	3
15VV1A0502	R13110	ENGINEERING MECHANICS	28	44	3
15VV1A0502	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	43	2
15VV1A0502	R13115	ENGINEERING CHEMISTRY LABORATORY	25	50	2
15VV1A0502	R13116	C.PROGRAMMING LAB	25	48	2
15VV1A0503	R13101	ENGLISH-I	23	52	3
15VV1A0503	R13102	MATHEMATICS-I	26	34	3
15VV1A0503	R13104	ENGINEERING CHEMISTRY	25	44	3
15VV1A0503	R13105	COMPUTER PROGRAMMING	14	41	3
15VV1A0503	R13106	ENVIRONMENTAL STUDIES	25	54	3
15VV1A0503	R13110	ENGINEERING MECHANICS	19	24	3
15VV1A0503	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	41	2
15VV1A0503	R13115	ENGINEERING CHEMISTRY LABORATORY	24	46	2
15VV1A0503	R13116	C.PROGRAMMING LAB	16	22	2
15VV1A0504	R13101	ENGLISH-I	27	55	3
15VV1A0504	R13102	MATHEMATICS-I	27	35	3
15VV1A0504	R13104	ENGINEERING CHEMISTRY	27	53	3
15VV1A0504	R13105	COMPUTER PROGRAMMING	24	44	3
15VV1A0504	R13106	ENVIRONMENTAL STUDIES	27	56	3
15VV1A0504	R13110	ENGINEERING MECHANICS	21	38	3
15VV1A0504	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A0504	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A0504	R13116	C.PROGRAMMING LAB	19	32	2
15VV1A0505	R13101	ENGLISH-I	27	56	3
15VV1A0505	R13102	MATHEMATICS-I	25	34	3
15VV1A0505	R13104	ENGINEERING CHEMISTRY	24	40	3
15VV1A0505	R13105	COMPUTER PROGRAMMING	19	40	3
15VV1A0505	R13106	ENVIRONMENTAL STUDIES	27	56	3
15VV1A0505	R13110	ENGINEERING MECHANICS	22	37	3
15VV1A0505	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	41	2
15VV1A0505	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0505	R13116	C.PROGRAMMING LAB	20	23	2
15VV1A0506	R13101	ENGLISH-I	26	54	3
15VV1A0506	R13102	MATHEMATICS-I	26	35	3
15VV1A0506	R13104	ENGINEERING CHEMISTRY	24	48	3
15VV1A0506	R13105	COMPUTER PROGRAMMING	19	44	3
15VV1A0506	R13106	ENVIRONMENTAL STUDIES	24	56	3
15VV1A0506	R13110	ENGINEERING MECHANICS	18	33	3
15VV1A0506	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A0506	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0506	R13116	C.PROGRAMMING LAB	20	44	2
15VV1A0507	R13101	ENGLISH-I	22	48	3
15VV1A0507	R13102	MATHEMATICS-I	24	26	3
15VV1A0507	R13104	ENGINEERING CHEMISTRY	25	43	3
15VV1A0507	R13105	COMPUTER PROGRAMMING	21	39	3
15VV1A0507	R13106	ENVIRONMENTAL STUDIES	25	54	3
15VV1A0507	R13110	ENGINEERING MECHANICS	18	7	0
15VV1A0507	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	41	2
15VV1A0507	R13115	ENGINEERING CHEMISTRY LABORATORY	24	42	2
15VV1A0507	R13116	C.PROGRAMMING LAB	19	28	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0508	R13101	ENGLISH-I	21	54	3
15VV1A0508	R13102	MATHEMATICS-I	28	47	3
15VV1A0508	R13104	ENGINEERING CHEMISTRY	25	43	3
15VV1A0508	R13105	COMPUTER PROGRAMMING	22	45	3
15VV1A0508	R13106	ENVIRONMENTAL STUDIES	24	52	3
15VV1A0508	R13110	ENGINEERING MECHANICS	17	26	3
15VV1A0508	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	36	2
15VV1A0508	R13115	ENGINEERING CHEMISTRY LABORATORY	24	46	2
15VV1A0508	R13116	C.PROGRAMMING LAB	19	18	2
15VV1A0509	R13101	ENGLISH-I	24	54	3
15VV1A0509	R13102	MATHEMATICS-I	14	26	3
15VV1A0509	R13104	ENGINEERING CHEMISTRY	19	45	3
15VV1A0509	R13105	COMPUTER PROGRAMMING	14	43	3
15VV1A0509	R13106	ENVIRONMENTAL STUDIES	25	62	3
15VV1A0509	R13110	ENGINEERING MECHANICS	17	24	3
15VV1A0509	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A0509	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A0509	R13116	C.PROGRAMMING LAB	12	23	2
15VV1A0510	R13101	ENGLISH-I	24	54	3
15VV1A0510	R13102	MATHEMATICS-I	28	53	3
15VV1A0510	R13104	ENGINEERING CHEMISTRY	26	46	3
15VV1A0510	R13105	COMPUTER PROGRAMMING	24	40	3
15VV1A0510	R13106	ENVIRONMENTAL STUDIES	25	54	3
15VV1A0510	R13110	ENGINEERING MECHANICS	26	47	3
15VV1A0510	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	41	2
15VV1A0510	R13115	ENGINEERING CHEMISTRY LABORATORY	24	42	2
15VV1A0510	R13116	C.PROGRAMMING LAB	23	45	2
15VV1A0511	R13101	ENGLISH-I	24	52	3
15VV1A0511	R13102	MATHEMATICS-I	27	27	3
15VV1A0511	R13104	ENGINEERING CHEMISTRY	26	43	3
15VV1A0511	R13105	COMPUTER PROGRAMMING	22	40	3
15VV1A0511	R13106	ENVIRONMENTAL STUDIES	24	57	3
15VV1A0511	R13110	ENGINEERING MECHANICS	19	35	3
15VV1A0511	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	39	2
15VV1A0511	R13115	ENGINEERING CHEMISTRY LABORATORY	24	49	2
15VV1A0511	R13116	C.PROGRAMMING LAB	20	12	0
15VV1A0512	R13101	ENGLISH-I	24	54	3
15VV1A0512	R13102	MATHEMATICS-I	24	31	3
15VV1A0512	R13104	ENGINEERING CHEMISTRY	26	46	3
15VV1A0512	R13105	COMPUTER PROGRAMMING	28	52	3
15VV1A0512	R13106	ENVIRONMENTAL STUDIES	26	55	3
15VV1A0512	R13110	ENGINEERING MECHANICS	22	31	3
15VV1A0512	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	41	2
15VV1A0512	R13115	ENGINEERING CHEMISTRY LABORATORY	24	50	2
15VV1A0512	R13116	C.PROGRAMMING LAB	25	48	2
15VV1A0513	R13101	ENGLISH-I	18	46	3
15VV1A0513	R13102	MATHEMATICS-I	25	28	3
15VV1A0513	R13104	ENGINEERING CHEMISTRY	18	35	3
15VV1A0513	R13105	COMPUTER PROGRAMMING	20	43	3
15VV1A0513	R13106	ENVIRONMENTAL STUDIES	24	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0513	R13110	ENGINEERING MECHANICS	17	24	3
15VV1A0513	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	37	2
15VV1A0513	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A0513	R13116	C.PROGRAMMING LAB	19	28	2
15VV1A0514	R13101	ENGLISH-I	20	54	3
15VV1A0514	R13102	MATHEMATICS-I	26	46	3
15VV1A0514	R13104	ENGINEERING CHEMISTRY	15	38	3
15VV1A0514	R13105	COMPUTER PROGRAMMING	22	42	3
15VV1A0514	R13106	ENVIRONMENTAL STUDIES	25	49	3
15VV1A0514	R13110	ENGINEERING MECHANICS	26	45	3
15VV1A0514	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A0514	R13115	ENGINEERING CHEMISTRY LABORATORY	21	48	2
15VV1A0514	R13116	C.PROGRAMMING LAB	21	32	2
15VV1A0515	R13101	ENGLISH-I	26	55	3
15VV1A0515	R13102	MATHEMATICS-I	25	31	3
15VV1A0515	R13104	ENGINEERING CHEMISTRY	23	46	3
15VV1A0515	R13105	COMPUTER PROGRAMMING	22	44	3
15VV1A0515	R13106	ENVIRONMENTAL STUDIES	26	64	3
15VV1A0515	R13110	ENGINEERING MECHANICS	21	24	3
15VV1A0515	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	30	2
15VV1A0515	R13115	ENGINEERING CHEMISTRY LABORATORY	23	48	2
15VV1A0515	R13116	C.PROGRAMMING LAB	15	39	2
15VV1A0516	R13101	ENGLISH-I	23	58	3
15VV1A0516	R13102	MATHEMATICS-I	28	49	3
15VV1A0516	R13104	ENGINEERING CHEMISTRY	25	49	3
15VV1A0516	R13105	COMPUTER PROGRAMMING	29	47	3
15VV1A0516	R13106	ENVIRONMENTAL STUDIES	25	56	3
15VV1A0516	R13110	ENGINEERING MECHANICS	27	40	3
15VV1A0516	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	38	2
15VV1A0516	R13115	ENGINEERING CHEMISTRY LABORATORY	24	50	2
15VV1A0516	R13116	C.PROGRAMMING LAB	25	49	2
15VV1A0517	R13101	ENGLISH-I	26	61	3
15VV1A0517	R13102	MATHEMATICS-I	28	61	3
15VV1A0517	R13104	ENGINEERING CHEMISTRY	27	50	3
15VV1A0517	R13105	COMPUTER PROGRAMMING	25	50	3
15VV1A0517	R13106	ENVIRONMENTAL STUDIES	27	59	3
15VV1A0517	R13110	ENGINEERING MECHANICS	25	55	3
15VV1A0517	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	42	2
15VV1A0517	R13115	ENGINEERING CHEMISTRY LABORATORY	24	48	2
15VV1A0517	R13116	C.PROGRAMMING LAB	22	38	2
15VV1A0518	R13101	ENGLISH-I	23	57	3
15VV1A0518	R13102	MATHEMATICS-I	23	24	3
15VV1A0518	R13104	ENGINEERING CHEMISTRY	22	47	3
15VV1A0518	R13105	COMPUTER PROGRAMMING	15	35	3
15VV1A0518	R13106	ENVIRONMENTAL STUDIES	24	54	3
15VV1A0518	R13110	ENGINEERING MECHANICS	18	24	3
15VV1A0518	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	41	2
15VV1A0518	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0518	R13116	C.PROGRAMMING LAB	16	27	2
15VV1A0520	R13101	ENGLISH-I	23	54	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0520	R13102	MATHEMATICS-I	27	48	3
15VV1A0520	R13104	ENGINEERING CHEMISTRY	20	38	3
15VV1A0520	R13105	COMPUTER PROGRAMMING	24	43	3
15VV1A0520	R13106	ENVIRONMENTAL STUDIES	24	52	3
15VV1A0520	R13110	ENGINEERING MECHANICS	26	35	3
15VV1A0520	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A0520	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A0520	R13116	C.PROGRAMMING LAB	20	47	2
15VV1A0521	R13101	ENGLISH-I	23	53	3
15VV1A0521	R13102	MATHEMATICS-I	27	38	3
15VV1A0521	R13104	ENGINEERING CHEMISTRY	23	45	3
15VV1A0521	R13105	COMPUTER PROGRAMMING	15	28	3
15VV1A0521	R13106	ENVIRONMENTAL STUDIES	26	49	3
15VV1A0521	R13110	ENGINEERING MECHANICS	18	27	3
15VV1A0521	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	15	37	2
15VV1A0521	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A0521	R13116	C.PROGRAMMING LAB	15	32	2
15VV1A0522	R13101	ENGLISH-I	24	54	3
15VV1A0522	R13102	MATHEMATICS-I	28	48	3
15VV1A0522	R13104	ENGINEERING CHEMISTRY	27	52	3
15VV1A0522	R13105	COMPUTER PROGRAMMING	22	40	3
15VV1A0522	R13106	ENVIRONMENTAL STUDIES	26	60	3
15VV1A0522	R13110	ENGINEERING MECHANICS	26	29	3
15VV1A0522	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A0522	R13115	ENGINEERING CHEMISTRY LABORATORY	24	47	2
15VV1A0522	R13116	C.PROGRAMMING LAB	22	47	2
15VV1A0523	R13101	ENGLISH-I	26	42	3
15VV1A0523	R13102	MATHEMATICS-I	28	47	3
15VV1A0523	R13104	ENGINEERING CHEMISTRY	22	47	3
15VV1A0523	R13105	COMPUTER PROGRAMMING	28	37	3
15VV1A0523	R13106	ENVIRONMENTAL STUDIES	27	56	3
15VV1A0523	R13110	ENGINEERING MECHANICS	27	43	3
15VV1A0523	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A0523	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A0523	R13116	C.PROGRAMMING LAB	21	41	2
15VV1A0524	R13101	ENGLISH-I	27	55	3
15VV1A0524	R13102	MATHEMATICS-I	27	56	3
15VV1A0524	R13104	ENGINEERING CHEMISTRY	26	50	3
15VV1A0524	R13105	COMPUTER PROGRAMMING	27	48	3
15VV1A0524	R13106	ENVIRONMENTAL STUDIES	29	57	3
15VV1A0524	R13110	ENGINEERING MECHANICS	26	56	3
15VV1A0524	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	42	2
15VV1A0524	R13115	ENGINEERING CHEMISTRY LABORATORY	24	47	2
15VV1A0524	R13116	C.PROGRAMMING LAB	24	48	2
15VV1A0525	R13101	ENGLISH-I	23	54	3
15VV1A0525	R13102	MATHEMATICS-I	19	28	3
15VV1A0525	R13104	ENGINEERING CHEMISTRY	24	51	3
15VV1A0525	R13105	COMPUTER PROGRAMMING	26	40	3
15VV1A0525	R13106	ENVIRONMENTAL STUDIES	29	62	3
15VV1A0525	R13110	ENGINEERING MECHANICS	22	40	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0525	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	40	2
15VV1A0525	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0525	R13116	C.PROGRAMMING LAB	22	33	2
15VV1A0526	R13101	ENGLISH-I	24	53	3
15VV1A0526	R13102	MATHEMATICS-I	24	35	3
15VV1A0526	R13104	ENGINEERING CHEMISTRY	23	45	3
15VV1A0526	R13105	COMPUTER PROGRAMMING	25	38	3
15VV1A0526	R13106	ENVIRONMENTAL STUDIES	23	52	3
15VV1A0526	R13110	ENGINEERING MECHANICS	21	38	3
15VV1A0526	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	33	2
15VV1A0526	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A0526	R13116	C.PROGRAMMING LAB	21	47	2
15VV1A0527	R13101	ENGLISH-I	24	43	3
15VV1A0527	R13102	MATHEMATICS-I	25	24	3
15VV1A0527	R13104	ENGINEERING CHEMISTRY	19	37	3
15VV1A0527	R13105	COMPUTER PROGRAMMING	20	32	3
15VV1A0527	R13106	ENVIRONMENTAL STUDIES	24	45	3
15VV1A0527	R13110	ENGINEERING MECHANICS	21	35	3
15VV1A0527	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	35	2
15VV1A0527	R13115	ENGINEERING CHEMISTRY LABORATORY	21	44	2
15VV1A0527	R13116	C.PROGRAMMING LAB	17	32	2
15VV1A0528	R13101	ENGLISH-I	25	51	3
15VV1A0528	R13102	MATHEMATICS-I	27	49	3
15VV1A0528	R13104	ENGINEERING CHEMISTRY	28	48	3
15VV1A0528	R13105	COMPUTER PROGRAMMING	26	50	3
15VV1A0528	R13106	ENVIRONMENTAL STUDIES	26	56	3
15VV1A0528	R13110	ENGINEERING MECHANICS	25	35	3
15VV1A0528	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	46	2
15VV1A0528	R13115	ENGINEERING CHEMISTRY LABORATORY	25	47	2
15VV1A0528	R13116	C.PROGRAMMING LAB	20	43	2
15VV1A0529	R13101	ENGLISH-I	26	53	3
15VV1A0529	R13102	MATHEMATICS-I	25	51	3
15VV1A0529	R13104	ENGINEERING CHEMISTRY	23	47	3
15VV1A0529	R13105	COMPUTER PROGRAMMING	28	44	3
15VV1A0529	R13106	ENVIRONMENTAL STUDIES	28	55	3
15VV1A0529	R13110	ENGINEERING MECHANICS	26	30	3
15VV1A0529	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0529	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0529	R13116	C.PROGRAMMING LAB	25	49	2
15VV1A0530	R13101	ENGLISH-I	26	49	3
15VV1A0530	R13102	MATHEMATICS-I	21	24	3
15VV1A0530	R13104	ENGINEERING CHEMISTRY	20	38	3
15VV1A0530	R13105	COMPUTER PROGRAMMING	18	56	3
15VV1A0530	R13106	ENVIRONMENTAL STUDIES	26	49	3
15VV1A0530	R13110	ENGINEERING MECHANICS	22	24	3
15VV1A0530	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	46	2
15VV1A0530	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A0530	R13116	C.PROGRAMMING LAB	18	12	0
15VV1A0531	R13101	ENGLISH-I	28	56	3
15VV1A0531	R13102	MATHEMATICS-I	25	49	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0531	R13104	ENGINEERING CHEMISTRY	23	50	3
15VV1A0531	R13105	COMPUTER PROGRAMMING	27	57	3
15VV1A0531	R13106	ENVIRONMENTAL STUDIES	27	61	3
15VV1A0531	R13110	ENGINEERING MECHANICS	19	34	3
15VV1A0531	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	25	46	2
15VV1A0531	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A0531	R13116	C.PROGRAMMING LAB	20	49	2
15VV1A0532	R13101	ENGLISH-I	21	46	3
15VV1A0532	R13102	MATHEMATICS-I	26	25	3
15VV1A0532	R13104	ENGINEERING CHEMISTRY	22	45	3
15VV1A0532	R13105	COMPUTER PROGRAMMING	22	37	3
15VV1A0532	R13106	ENVIRONMENTAL STUDIES	24	50	3
15VV1A0532	R13110	ENGINEERING MECHANICS	22	24	3
15VV1A0532	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	40	2
15VV1A0532	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A0532	R13116	C.PROGRAMMING LAB	14	22	2
15VV1A0533	R13101	ENGLISH-I	24	47	3
15VV1A0533	R13102	MATHEMATICS-I	25	24	3
15VV1A0533	R13104	ENGINEERING CHEMISTRY	20	45	3
15VV1A0533	R13105	COMPUTER PROGRAMMING	21	45	3
15VV1A0533	R13106	ENVIRONMENTAL STUDIES	24	55	3
15VV1A0533	R13110	ENGINEERING MECHANICS	19	24	3
15VV1A0533	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	44	2
15VV1A0533	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A0533	R13116	C.PROGRAMMING LAB	17	13	0
15VV1A0534	R13101	ENGLISH-I	25	46	3
15VV1A0534	R13102	MATHEMATICS-I	27	50	3
15VV1A0534	R13104	ENGINEERING CHEMISTRY	26	46	3
15VV1A0534	R13105	COMPUTER PROGRAMMING	23	50	3
15VV1A0534	R13106	ENVIRONMENTAL STUDIES	24	48	3
15VV1A0534	R13110	ENGINEERING MECHANICS	24	38	3
15VV1A0534	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A0534	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A0534	R13116	C.PROGRAMMING LAB	20	47	2
15VV1A0535	R13101	ENGLISH-I	24	47	3
15VV1A0535	R13102	MATHEMATICS-I	25	42	3
15VV1A0535	R13104	ENGINEERING CHEMISTRY	20	45	3
15VV1A0535	R13105	COMPUTER PROGRAMMING	20	43	3
15VV1A0535	R13106	ENVIRONMENTAL STUDIES	25	53	3
15VV1A0535	R13110	ENGINEERING MECHANICS	16	43	3
15VV1A0535	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	43	2
15VV1A0535	R13115	ENGINEERING CHEMISTRY LABORATORY	21	44	2
15VV1A0535	R13116	C.PROGRAMMING LAB	17	29	2
15VV1A0536	R13101	ENGLISH-I	24	44	3
15VV1A0536	R13102	MATHEMATICS-I	26	51	3
15VV1A0536	R13104	ENGINEERING CHEMISTRY	28	40	3
15VV1A0536	R13105	COMPUTER PROGRAMMING	23	47	3
15VV1A0536	R13106	ENVIRONMENTAL STUDIES	30	54	3
15VV1A0536	R13110	ENGINEERING MECHANICS	25	39	3
15VV1A0536	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	45	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0536	R13115	ENGINEERING CHEMISTRY LABORATORY	25	48	2
15VV1A0536	R13116	C.PROGRAMMING LAB	20	49	2
15VV1A0537	R13101	ENGLISH-I	22	50	3
15VV1A0537	R13102	MATHEMATICS-I	27	57	3
15VV1A0537	R13104	ENGINEERING CHEMISTRY	25	48	3
15VV1A0537	R13105	COMPUTER PROGRAMMING	25	45	3
15VV1A0537	R13106	ENVIRONMENTAL STUDIES	28	55	3
15VV1A0537	R13110	ENGINEERING MECHANICS	26	43	3
15VV1A0537	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	45	2
15VV1A0537	R13115	ENGINEERING CHEMISTRY LABORATORY	24	46	2
15VV1A0537	R13116	C.PROGRAMMING LAB	22	48	2
15VV1A0539	R13101	ENGLISH-I	27	48	3
15VV1A0539	R13102	MATHEMATICS-I	23	25	3
15VV1A0539	R13104	ENGINEERING CHEMISTRY	25	42	3
15VV1A0539	R13105	COMPUTER PROGRAMMING	14	40	3
15VV1A0539	R13106	ENVIRONMENTAL STUDIES	26	61	3
15VV1A0539	R13110	ENGINEERING MECHANICS	20	24	3
15VV1A0539	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	16	43	2
15VV1A0539	R13115	ENGINEERING CHEMISTRY LABORATORY	24	44	2
15VV1A0539	R13116	C.PROGRAMMING LAB	17	32	2
15VV1A0540	R13101	ENGLISH-I	23	46	3
15VV1A0540	R13102	MATHEMATICS-I	27	53	3
15VV1A0540	R13104	ENGINEERING CHEMISTRY	26	41	3
15VV1A0540	R13105	COMPUTER PROGRAMMING	25	44	3
15VV1A0540	R13106	ENVIRONMENTAL STUDIES	25	60	3
15VV1A0540	R13110	ENGINEERING MECHANICS	19	46	3
15VV1A0540	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	39	2
15VV1A0540	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A0540	R13116	C.PROGRAMMING LAB	22	43	2
15VV1A0541	R13101	ENGLISH-I	22	49	3
15VV1A0541	R13102	MATHEMATICS-I	21	11	0
15VV1A0541	R13104	ENGINEERING CHEMISTRY	17	38	3
15VV1A0541	R13105	COMPUTER PROGRAMMING	22	36	3
15VV1A0541	R13106	ENVIRONMENTAL STUDIES	24	53	3
15VV1A0541	R13110	ENGINEERING MECHANICS	20	10	0
15VV1A0541	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	44	2
15VV1A0541	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A0541	R13116	C.PROGRAMMING LAB	16	12	0
15VV1A0542	R13101	ENGLISH-I	20	43	3
15VV1A0542	R13102	MATHEMATICS-I	22	34	3
15VV1A0542	R13104	ENGINEERING CHEMISTRY	20	42	3
15VV1A0542	R13105	COMPUTER PROGRAMMING	20	28	3
15VV1A0542	R13106	ENVIRONMENTAL STUDIES	25	52	3
15VV1A0542	R13110	ENGINEERING MECHANICS	22	27	3
15VV1A0542	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	37	2
15VV1A0542	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A0542	R13116	C.PROGRAMMING LAB	19	27	2
15VV1A0543	R13101	ENGLISH-I	27	54	3
15VV1A0543	R13102	MATHEMATICS-I	27	54	3
15VV1A0543	R13104	ENGINEERING CHEMISTRY	26	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0543	R13105	COMPUTER PROGRAMMING	26	54	3
15VV1A0543	R13106	ENVIRONMENTAL STUDIES	28	60	3
15VV1A0543	R13110	ENGINEERING MECHANICS	25	49	3
15VV1A0543	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0543	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A0543	R13116	C.PROGRAMMING LAB	19	48	2
15VV1A0544	R13101	ENGLISH-I	26	48	3
15VV1A0544	R13102	MATHEMATICS-I	23	27	3
15VV1A0544	R13104	ENGINEERING CHEMISTRY	25	41	3
15VV1A0544	R13105	COMPUTER PROGRAMMING	20	38	3
15VV1A0544	R13106	ENVIRONMENTAL STUDIES	26	49	3
15VV1A0544	R13110	ENGINEERING MECHANICS	21	25	3
15VV1A0544	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	46	2
15VV1A0544	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A0544	R13116	C.PROGRAMMING LAB	17	18	2
15VV1A0545	R13101	ENGLISH-I	24	48	3
15VV1A0545	R13102	MATHEMATICS-I	27	59	3
15VV1A0545	R13104	ENGINEERING CHEMISTRY	25	43	3
15VV1A0545	R13105	COMPUTER PROGRAMMING	25	42	3
15VV1A0545	R13106	ENVIRONMENTAL STUDIES	26	58	3
15VV1A0545	R13110	ENGINEERING MECHANICS	23	47	3
15VV1A0545	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	39	2
15VV1A0545	R13115	ENGINEERING CHEMISTRY LABORATORY	24	43	2
15VV1A0545	R13116	C.PROGRAMMING LAB	23	48	2
15VV1A0546	R13101	ENGLISH-I	20	46	3
15VV1A0546	R13102	MATHEMATICS-I	28	51	3
15VV1A0546	R13104	ENGINEERING CHEMISTRY	18	40	3
15VV1A0546	R13105	COMPUTER PROGRAMMING	25	42	3
15VV1A0546	R13106	ENVIRONMENTAL STUDIES	27	47	3
15VV1A0546	R13110	ENGINEERING MECHANICS	22	37	3
15VV1A0546	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	39	2
15VV1A0546	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A0546	R13116	C.PROGRAMMING LAB	21	43	2
15VV1A0547	R13101	ENGLISH-I	23	52	3
15VV1A0547	R13102	MATHEMATICS-I	26	47	3
15VV1A0547	R13104	ENGINEERING CHEMISTRY	25	51	3
15VV1A0547	R13105	COMPUTER PROGRAMMING	17	36	3
15VV1A0547	R13106	ENVIRONMENTAL STUDIES	27	52	3
15VV1A0547	R13110	ENGINEERING MECHANICS	22	26	3
15VV1A0547	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	35	2
15VV1A0547	R13115	ENGINEERING CHEMISTRY LABORATORY	24	38	2
15VV1A0547	R13116	C.PROGRAMMING LAB	15	27	2
15VV1A0548	R13101	ENGLISH-I	26	54	3
15VV1A0548	R13102	MATHEMATICS-I	24	26	3
15VV1A0548	R13104	ENGINEERING CHEMISTRY	24	45	3
15VV1A0548	R13105	COMPUTER PROGRAMMING	16	41	3
15VV1A0548	R13106	ENVIRONMENTAL STUDIES	25	56	3
15VV1A0548	R13110	ENGINEERING MECHANICS	14	28	3
15VV1A0548	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A0548	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0548	R13116	C.PROGRAMMING LAB	13	29	2
15VV1A0550	R13101	ENGLISH-I	23	47	3
15VV1A0550	R13102	MATHEMATICS-I	23	25	3
15VV1A0550	R13104	ENGINEERING CHEMISTRY	17	33	3
15VV1A0550	R13105	COMPUTER PROGRAMMING	25	38	3
15VV1A0550	R13106	ENVIRONMENTAL STUDIES	25	48	3
15VV1A0550	R13110	ENGINEERING MECHANICS	19	27	3
15VV1A0550	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	41	2
15VV1A0550	R13115	ENGINEERING CHEMISTRY LABORATORY	21	42	2
15VV1A0550	R13116	C.PROGRAMMING LAB	16	45	2
15VV1A0552	R13101	ENGLISH-I	26	46	3
15VV1A0552	R13102	MATHEMATICS-I	27	46	3
15VV1A0552	R13104	ENGINEERING CHEMISTRY	22	43	3
15VV1A0552	R13105	COMPUTER PROGRAMMING	25	40	3
15VV1A0552	R13106	ENVIRONMENTAL STUDIES	24	56	3
15VV1A0552	R13110	ENGINEERING MECHANICS	19	34	3
15VV1A0552	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	15	39	2
15VV1A0552	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A0552	R13116	C.PROGRAMMING LAB	20	48	2
15VV1A0553	R13101	ENGLISH-I	17	51	3
15VV1A0553	R13102	MATHEMATICS-I	16	6	0
15VV1A0553	R13104	ENGINEERING CHEMISTRY	16	12	0
15VV1A0553	R13105	COMPUTER PROGRAMMING	15	31	3
15VV1A0553	R13106	ENVIRONMENTAL STUDIES	25	52	3
15VV1A0553	R13110	ENGINEERING MECHANICS	14	1	0
15VV1A0553	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	15	24	2
15VV1A0553	R13115	ENGINEERING CHEMISTRY LABORATORY	21	40	2
15VV1A0553	R13116	C.PROGRAMMING LAB	10	11	0
15VV1A1201	R13101	ENGLISH-I	23	43	3
15VV1A1201	R13102	MATHEMATICS-I	19	32	3
15VV1A1201	R13104	ENGINEERING CHEMISTRY	19	28	3
15VV1A1201	R13105	COMPUTER PROGRAMMING	26	35	3
15VV1A1201	R13106	ENVIRONMENTAL STUDIES	17	49	3
15VV1A1201	R13110	ENGINEERING MECHANICS	25	24	3
15VV1A1201	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	42	2
15VV1A1201	R13115	ENGINEERING CHEMISTRY LABORATORY	24	49	2
15VV1A1201	R13116	C.PROGRAMMING LAB	22	39	2
15VV1A1202	R13101	ENGLISH-I	22	46	3
15VV1A1202	R13102	MATHEMATICS-I	23	30	3
15VV1A1202	R13104	ENGINEERING CHEMISTRY	22	38	3
15VV1A1202	R13105	COMPUTER PROGRAMMING	23	42	3
15VV1A1202	R13106	ENVIRONMENTAL STUDIES	18	49	3
15VV1A1202	R13110	ENGINEERING MECHANICS	20	39	3
15VV1A1202	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A1202	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A1202	R13116	C.PROGRAMMING LAB	22	44	2
15VV1A1203	R13101	ENGLISH-I	22	48	3
15VV1A1203	R13102	MATHEMATICS-I	21	31	3
15VV1A1203	R13104	ENGINEERING CHEMISTRY	17	41	3
15VV1A1203	R13105	COMPUTER PROGRAMMING	25	40	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1203	R13106	ENVIRONMENTAL STUDIES	19	50	3
15VV1A1203	R13110	ENGINEERING MECHANICS	25	37	3
15VV1A1203	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	37	2
15VV1A1203	R13115	ENGINEERING CHEMISTRY LABORATORY	21	44	2
15VV1A1203	R13116	C.PROGRAMMING LAB	23	41	2
15VV1A1204	R13101	ENGLISH-I	19	50	3
15VV1A1204	R13102	MATHEMATICS-I	18	2	0
15VV1A1204	R13104	ENGINEERING CHEMISTRY	16	30	3
15VV1A1204	R13105	COMPUTER PROGRAMMING	17	35	3
15VV1A1204	R13106	ENVIRONMENTAL STUDIES	17	51	3
15VV1A1204	R13110	ENGINEERING MECHANICS	16	17	0
15VV1A1204	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	35	2
15VV1A1204	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A1204	R13116	C.PROGRAMMING LAB	21	38	2
15VV1A1205	R13101	ENGLISH-I	22	49	3
15VV1A1205	R13102	MATHEMATICS-I	20	15	0
15VV1A1205	R13104	ENGINEERING CHEMISTRY	18	29	3
15VV1A1205	R13105	COMPUTER PROGRAMMING	17	29	3
15VV1A1205	R13106	ENVIRONMENTAL STUDIES	14	62	3
15VV1A1205	R13110	ENGINEERING MECHANICS	22	37	3
15VV1A1205	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	37	2
15VV1A1205	R13115	ENGINEERING CHEMISTRY LABORATORY	21	44	2
15VV1A1205	R13116	C.PROGRAMMING LAB	20	39	2
15VV1A1206	R13101	ENGLISH-I	22	52	3
15VV1A1206	R13102	MATHEMATICS-I	21	31	3
15VV1A1206	R13104	ENGINEERING CHEMISTRY	19	46	3
15VV1A1206	R13105	COMPUTER PROGRAMMING	25	55	3
15VV1A1206	R13106	ENVIRONMENTAL STUDIES	23	57	3
15VV1A1206	R13110	ENGINEERING MECHANICS	21	27	3
15VV1A1206	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	38	2
15VV1A1206	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A1206	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1207	R13101	ENGLISH-I	22	46	3
15VV1A1207	R13102	MATHEMATICS-I	23	24	3
15VV1A1207	R13104	ENGINEERING CHEMISTRY	23	44	3
15VV1A1207	R13105	COMPUTER PROGRAMMING	22	38	3
15VV1A1207	R13106	ENVIRONMENTAL STUDIES	18	42	3
15VV1A1207	R13110	ENGINEERING MECHANICS	24	34	3
15VV1A1207	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	35	2
15VV1A1207	R13115	ENGINEERING CHEMISTRY LABORATORY	22	45	2
15VV1A1207	R13116	C.PROGRAMMING LAB	23	40	2
15VV1A1208	R13101	ENGLISH-I	22	47	3
15VV1A1208	R13102	MATHEMATICS-I	22	15	0
15VV1A1208	R13104	ENGINEERING CHEMISTRY	22	46	3
15VV1A1208	R13105	COMPUTER PROGRAMMING	28	31	3
15VV1A1208	R13106	ENVIRONMENTAL STUDIES	19	53	3
15VV1A1208	R13110	ENGINEERING MECHANICS	23	24	3
15VV1A1208	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	37	2
15VV1A1208	R13115	ENGINEERING CHEMISTRY LABORATORY	23	40	2
15VV1A1208	R13116	C.PROGRAMMING LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A1209	R13101	ENGLISH-I	26	49	3
15VV1A1209	R13102	MATHEMATICS-I	25	36	3
15VV1A1209	R13104	ENGINEERING CHEMISTRY	23	42	3
15VV1A1209	R13105	COMPUTER PROGRAMMING	28	49	3
15VV1A1209	R13106	ENVIRONMENTAL STUDIES	27	58	3
15VV1A1209	R13110	ENGINEERING MECHANICS	27	60	3
15VV1A1209	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A1209	R13115	ENGINEERING CHEMISTRY LABORATORY	22	43	2
15VV1A1209	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1210	R13101	ENGLISH-I	24	43	3
15VV1A1210	R13102	MATHEMATICS-I	21	24	3
15VV1A1210	R13104	ENGINEERING CHEMISTRY	20	40	3
15VV1A1210	R13105	COMPUTER PROGRAMMING	19	31	3
15VV1A1210	R13106	ENVIRONMENTAL STUDIES	21	47	3
15VV1A1210	R13110	ENGINEERING MECHANICS	22	26	3
15VV1A1210	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	39	2
15VV1A1210	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A1210	R13116	C.PROGRAMMING LAB	23	40	2
15VV1A1211	R13101	ENGLISH-I	23	50	3
15VV1A1211	R13102	MATHEMATICS-I	27	40	3
15VV1A1211	R13104	ENGINEERING CHEMISTRY	26	33	3
15VV1A1211	R13105	COMPUTER PROGRAMMING	21	48	3
15VV1A1211	R13106	ENVIRONMENTAL STUDIES	21	46	3
15VV1A1211	R13110	ENGINEERING MECHANICS	28	45	3
15VV1A1211	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A1211	R13115	ENGINEERING CHEMISTRY LABORATORY	24	41	2
15VV1A1211	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1212	R13101	ENGLISH-I	24	52	3
15VV1A1212	R13102	MATHEMATICS-I	25	25	3
15VV1A1212	R13104	ENGINEERING CHEMISTRY	18	36	3
15VV1A1212	R13105	COMPUTER PROGRAMMING	23	35	3
15VV1A1212	R13106	ENVIRONMENTAL STUDIES	24	54	3
15VV1A1212	R13110	ENGINEERING MECHANICS	23	24	3
15VV1A1212	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	41	2
15VV1A1212	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A1212	R13116	C.PROGRAMMING LAB	21	45	2
15VV1A1213	R13101	ENGLISH-I	20	48	3
15VV1A1213	R13102	MATHEMATICS-I	21	12	0
15VV1A1213	R13104	ENGINEERING CHEMISTRY	19	34	3
15VV1A1213	R13105	COMPUTER PROGRAMMING	19	28	3
15VV1A1213	R13106	ENVIRONMENTAL STUDIES	19	47	3
15VV1A1213	R13110	ENGINEERING MECHANICS	20	17	0
15VV1A1213	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	30	2
15VV1A1213	R13115	ENGINEERING CHEMISTRY LABORATORY	22	48	2
15VV1A1213	R13116	C.PROGRAMMING LAB	20	41	2
15VV1A1214	R13101	ENGLISH-I	24	48	3
15VV1A1214	R13102	MATHEMATICS-I	26	24	3
15VV1A1214	R13104	ENGINEERING CHEMISTRY	24	39	3
15VV1A1214	R13105	COMPUTER PROGRAMMING	18	41	3
15VV1A1214	R13106	ENVIRONMENTAL STUDIES	24	55	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1214	R13110	ENGINEERING MECHANICS	25	24	3
15VV1A1214	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A1214	R13115	ENGINEERING CHEMISTRY LABORATORY	23	48	2
15VV1A1214	R13116	C.PROGRAMMING LAB	20	39	2
15VV1A1215	R13101	ENGLISH-I	24	51	3
15VV1A1215	R13102	MATHEMATICS-I	25	39	3
15VV1A1215	R13104	ENGINEERING CHEMISTRY	24	40	3
15VV1A1215	R13105	COMPUTER PROGRAMMING	25	40	3
15VV1A1215	R13106	ENVIRONMENTAL STUDIES	24	57	3
15VV1A1215	R13110	ENGINEERING MECHANICS	25	30	3
15VV1A1215	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A1215	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A1215	R13116	C.PROGRAMMING LAB	21	47	2
15VV1A1216	R13101	ENGLISH-I	23	42	3
15VV1A1216	R13102	MATHEMATICS-I	25	30	3
15VV1A1216	R13104	ENGINEERING CHEMISTRY	22	45	3
15VV1A1216	R13105	COMPUTER PROGRAMMING	21	34	3
15VV1A1216	R13106	ENVIRONMENTAL STUDIES	22	53	3
15VV1A1216	R13110	ENGINEERING MECHANICS	21	25	3
15VV1A1216	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A1216	R13115	ENGINEERING CHEMISTRY LABORATORY	21	49	2
15VV1A1216	R13116	C.PROGRAMMING LAB	22	38	2
15VV1A1217	R13101	ENGLISH-I	19	45	3
15VV1A1217	R13102	MATHEMATICS-I	22	30	3
15VV1A1217	R13104	ENGINEERING CHEMISTRY	16	34	3
15VV1A1217	R13105	COMPUTER PROGRAMMING	18	30	3
15VV1A1217	R13106	ENVIRONMENTAL STUDIES	16	47	3
15VV1A1217	R13110	ENGINEERING MECHANICS	17	16	0
15VV1A1217	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	40	2
15VV1A1217	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A1217	R13116	C.PROGRAMMING LAB	23	42	2
15VV1A1219	R13101	ENGLISH-I	22	47	3
15VV1A1219	R13102	MATHEMATICS-I	26	48	3
15VV1A1219	R13104	ENGINEERING CHEMISTRY	18	49	3
15VV1A1219	R13105	COMPUTER PROGRAMMING	21	44	3
15VV1A1219	R13106	ENVIRONMENTAL STUDIES	23	57	3
15VV1A1219	R13110	ENGINEERING MECHANICS	27	53	3
15VV1A1219	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	44	2
15VV1A1219	R13115	ENGINEERING CHEMISTRY LABORATORY	21	50	2
15VV1A1219	R13116	C.PROGRAMMING LAB	22	42	2
15VV1A1220	R13101	ENGLISH-I	18	46	3
15VV1A1220	R13102	MATHEMATICS-I	23	10	0
15VV1A1220	R13104	ENGINEERING CHEMISTRY	22	40	3
15VV1A1220	R13105	COMPUTER PROGRAMMING	19	37	3
15VV1A1220	R13106	ENVIRONMENTAL STUDIES	22	58	3
15VV1A1220	R13110	ENGINEERING MECHANICS	22	24	3
15VV1A1220	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	38	2
15VV1A1220	R13115	ENGINEERING CHEMISTRY LABORATORY	22	41	2
15VV1A1220	R13116	C.PROGRAMMING LAB	23	43	2
15VV1A1221	R13101	ENGLISH-I	24	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1221	R13102	MATHEMATICS-I	24	24	3
15VV1A1221	R13104	ENGINEERING CHEMISTRY	23	46	3
15VV1A1221	R13105	COMPUTER PROGRAMMING	26	34	3
15VV1A1221	R13106	ENVIRONMENTAL STUDIES	23	61	3
15VV1A1221	R13110	ENGINEERING MECHANICS	25	32	3
15VV1A1221	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	39	2
15VV1A1221	R13115	ENGINEERING CHEMISTRY LABORATORY	22	41	2
15VV1A1221	R13116	C.PROGRAMMING LAB	22	43	2
15VV1A1222	R13101	ENGLISH-I	23	46	3
15VV1A1222	R13102	MATHEMATICS-I	26	43	3
15VV1A1222	R13104	ENGINEERING CHEMISTRY	22	45	3
15VV1A1222	R13105	COMPUTER PROGRAMMING	24	46	3
15VV1A1222	R13106	ENVIRONMENTAL STUDIES	19	43	3
15VV1A1222	R13110	ENGINEERING MECHANICS	25	50	3
15VV1A1222	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A1222	R13115	ENGINEERING CHEMISTRY LABORATORY	21	42	2
15VV1A1222	R13116	C.PROGRAMMING LAB	20	46	2
15VV1A1223	R13101	ENGLISH-I	26	51	3
15VV1A1223	R13102	MATHEMATICS-I	26	24	3
15VV1A1223	R13104	ENGINEERING CHEMISTRY	23	46	3
15VV1A1223	R13105	COMPUTER PROGRAMMING	25	33	3
15VV1A1223	R13106	ENVIRONMENTAL STUDIES	23	60	3
15VV1A1223	R13110	ENGINEERING MECHANICS	29	31	3
15VV1A1223	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	40	2
15VV1A1223	R13115	ENGINEERING CHEMISTRY LABORATORY	22	43	2
15VV1A1223	R13116	C.PROGRAMMING LAB	21	47	2
15VV1A1224	R13101	ENGLISH-I	27	48	3
15VV1A1224	R13102	MATHEMATICS-I	24	34	3
15VV1A1224	R13104	ENGINEERING CHEMISTRY	27	43	3
15VV1A1224	R13105	COMPUTER PROGRAMMING	21	50	3
15VV1A1224	R13106	ENVIRONMENTAL STUDIES	24	58	3
15VV1A1224	R13110	ENGINEERING MECHANICS	24	38	3
15VV1A1224	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	24	45	2
15VV1A1224	R13115	ENGINEERING CHEMISTRY LABORATORY	25	42	2
15VV1A1224	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1225	R13101	ENGLISH-I	21	49	3
15VV1A1225	R13102	MATHEMATICS-I	27	29	3
15VV1A1225	R13104	ENGINEERING CHEMISTRY	18	39	3
15VV1A1225	R13105	COMPUTER PROGRAMMING	27	39	3
15VV1A1225	R13106	ENVIRONMENTAL STUDIES	21	46	3
15VV1A1225	R13110	ENGINEERING MECHANICS	26	34	3
15VV1A1225	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A1225	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A1225	R13116	C.PROGRAMMING LAB	21	46	2
15VV1A1226	R13101	ENGLISH-I	23	54	3
15VV1A1226	R13102	MATHEMATICS-I	27	43	3
15VV1A1226	R13104	ENGINEERING CHEMISTRY	24	43	3
15VV1A1226	R13105	COMPUTER PROGRAMMING	24	60	3
15VV1A1226	R13106	ENVIRONMENTAL STUDIES	19	51	3
15VV1A1226	R13110	ENGINEERING MECHANICS	24	50	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1226	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	40	2
15VV1A1226	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A1226	R13116	C.PROGRAMMING LAB	22	47	2
15VV1A1227	R13101	ENGLISH-I	24	50	3
15VV1A1227	R13102	MATHEMATICS-I	27	42	3
15VV1A1227	R13104	ENGINEERING CHEMISTRY	25	46	3
15VV1A1227	R13105	COMPUTER PROGRAMMING	23	51	3
15VV1A1227	R13106	ENVIRONMENTAL STUDIES	23	57	3
15VV1A1227	R13110	ENGINEERING MECHANICS	27	46	3
15VV1A1227	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	37	2
15VV1A1227	R13115	ENGINEERING CHEMISTRY LABORATORY	23	44	2
15VV1A1227	R13116	C.PROGRAMMING LAB	21	41	2
15VV1A1228	R13101	ENGLISH-I	24	47	3
15VV1A1228	R13102	MATHEMATICS-I	12	9	0
15VV1A1228	R13104	ENGINEERING CHEMISTRY	19	41	3
15VV1A1228	R13105	COMPUTER PROGRAMMING	23	29	3
15VV1A1228	R13106	ENVIRONMENTAL STUDIES	23	56	3
15VV1A1228	R13110	ENGINEERING MECHANICS	27	34	3
15VV1A1228	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	42	2
15VV1A1228	R13115	ENGINEERING CHEMISTRY LABORATORY	21	48	2
15VV1A1228	R13116	C.PROGRAMMING LAB	22	41	2
15VV1A1230	R13101	ENGLISH-I	23	48	3
15VV1A1230	R13102	MATHEMATICS-I	23	42	3
15VV1A1230	R13104	ENGINEERING CHEMISTRY	19	39	3
15VV1A1230	R13105	COMPUTER PROGRAMMING	18	42	3
15VV1A1230	R13106	ENVIRONMENTAL STUDIES	22	52	3
15VV1A1230	R13110	ENGINEERING MECHANICS	29	54	3
15VV1A1230	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	41	2
15VV1A1230	R13115	ENGINEERING CHEMISTRY LABORATORY	21	49	2
15VV1A1230	R13116	C.PROGRAMMING LAB	23	47	2
15VV1A1231	R13101	ENGLISH-I	23	45	3
15VV1A1231	R13102	MATHEMATICS-I	26	42	3
15VV1A1231	R13104	ENGINEERING CHEMISTRY	25	39	3
15VV1A1231	R13105	COMPUTER PROGRAMMING	28	44	3
15VV1A1231	R13106	ENVIRONMENTAL STUDIES	16	56	3
15VV1A1231	R13110	ENGINEERING MECHANICS	29	53	3
15VV1A1231	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	41	2
15VV1A1231	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A1231	R13116	C.PROGRAMMING LAB	22	47	2
15VV1A1232	R13101	ENGLISH-I	26	53	3
15VV1A1232	R13102	MATHEMATICS-I	26	41	3
15VV1A1232	R13104	ENGINEERING CHEMISTRY	25	48	3
15VV1A1232	R13105	COMPUTER PROGRAMMING	26	41	3
15VV1A1232	R13106	ENVIRONMENTAL STUDIES	24	64	3
15VV1A1232	R13110	ENGINEERING MECHANICS	25	33	3
15VV1A1232	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A1232	R13115	ENGINEERING CHEMISTRY LABORATORY	22	43	2
15VV1A1232	R13116	C.PROGRAMMING LAB	21	43	2
15VV1A1233	R13101	ENGLISH-I	23	54	3
15VV1A1233	R13102	MATHEMATICS-I	22	27	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1233	R13104	ENGINEERING CHEMISTRY	20	33	3
15VV1A1233	R13105	COMPUTER PROGRAMMING	22	42	3
15VV1A1233	R13106	ENVIRONMENTAL STUDIES	22	50	3
15VV1A1233	R13110	ENGINEERING MECHANICS	21	30	3
15VV1A1233	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	44	2
15VV1A1233	R13115	ENGINEERING CHEMISTRY LABORATORY	21	49	2
15VV1A1233	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1234	R13101	ENGLISH-I	21	47	3
15VV1A1234	R13102	MATHEMATICS-I	19	12	0
15VV1A1234	R13104	ENGINEERING CHEMISTRY	19	38	3
15VV1A1234	R13105	COMPUTER PROGRAMMING	20	13	0
15VV1A1234	R13106	ENVIRONMENTAL STUDIES	15	54	3
15VV1A1234	R13110	ENGINEERING MECHANICS	22	16	0
15VV1A1234	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	37	2
15VV1A1234	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A1234	R13116	C.PROGRAMMING LAB	20	39	2
15VV1A1235	R13101	ENGLISH-I	23	56	3
15VV1A1235	R13102	MATHEMATICS-I	26	37	3
15VV1A1235	R13104	ENGINEERING CHEMISTRY	22	43	3
15VV1A1235	R13105	COMPUTER PROGRAMMING	25	31	3
15VV1A1235	R13106	ENVIRONMENTAL STUDIES	22	52	3
15VV1A1235	R13110	ENGINEERING MECHANICS	23	33	3
15VV1A1235	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	45	2
15VV1A1235	R13115	ENGINEERING CHEMISTRY LABORATORY	21	46	2
15VV1A1235	R13116	C.PROGRAMMING LAB	21	47	2
15VV1A1237	R13101	ENGLISH-I	27	54	3
15VV1A1237	R13102	MATHEMATICS-I	26	42	3
15VV1A1237	R13104	ENGINEERING CHEMISTRY	27	47	3
15VV1A1237	R13105	COMPUTER PROGRAMMING	26	48	3
15VV1A1237	R13106	ENVIRONMENTAL STUDIES	24	58	3
15VV1A1237	R13110	ENGINEERING MECHANICS	24	44	3
15VV1A1237	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A1237	R13115	ENGINEERING CHEMISTRY LABORATORY	23	48	2
15VV1A1237	R13116	C.PROGRAMMING LAB	22	47	2
15VV1A1238	R13101	ENGLISH-I	28	46	3
15VV1A1238	R13102	MATHEMATICS-I	23	37	3
15VV1A1238	R13104	ENGINEERING CHEMISTRY	24	45	3
15VV1A1238	R13105	COMPUTER PROGRAMMING	24	37	3
15VV1A1238	R13106	ENVIRONMENTAL STUDIES	18	60	3
15VV1A1238	R13110	ENGINEERING MECHANICS	23	16	0
15VV1A1238	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	39	2
15VV1A1238	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A1238	R13116	C.PROGRAMMING LAB	21	42	2
15VV1A1239	R13101	ENGLISH-I	26	55	3
15VV1A1239	R13102	MATHEMATICS-I	21	30	3
15VV1A1239	R13104	ENGINEERING CHEMISTRY	22	48	3
15VV1A1239	R13105	COMPUTER PROGRAMMING	24	36	3
15VV1A1239	R13106	ENVIRONMENTAL STUDIES	26	59	3
15VV1A1239	R13110	ENGINEERING MECHANICS	27	24	3
15VV1A1239	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	41	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A1239	R13115	ENGINEERING CHEMISTRY LABORATORY	21	44	2
15VV1A1239	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1240	R13101	ENGLISH-I	22	40	3
15VV1A1240	R13102	MATHEMATICS-I	24	10	0
15VV1A1240	R13104	ENGINEERING CHEMISTRY	19	16	0
15VV1A1240	R13105	COMPUTER PROGRAMMING	21	28	3
15VV1A1240	R13106	ENVIRONMENTAL STUDIES	18	43	3
15VV1A1240	R13110	ENGINEERING MECHANICS	19	11	0
15VV1A1240	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	37	2
15VV1A1240	R13115	ENGINEERING CHEMISTRY LABORATORY	21	43	2
15VV1A1240	R13116	C.PROGRAMMING LAB	20	39	2
15VV1A1241	R13101	ENGLISH-I	20	48	3
15VV1A1241	R13102	MATHEMATICS-I	28	41	3
15VV1A1241	R13104	ENGINEERING CHEMISTRY	23	43	3
15VV1A1241	R13105	COMPUTER PROGRAMMING	26	53	3
15VV1A1241	R13106	ENVIRONMENTAL STUDIES	22	52	3
15VV1A1241	R13110	ENGINEERING MECHANICS	29	49	3
15VV1A1241	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	45	2
15VV1A1241	R13115	ENGINEERING CHEMISTRY LABORATORY	22	43	2
15VV1A1241	R13116	C.PROGRAMMING LAB	23	46	2
15VV1A1242	R13101	ENGLISH-I	23	52	3
15VV1A1242	R13102	MATHEMATICS-I	22	28	3
15VV1A1242	R13104	ENGINEERING CHEMISTRY	25	42	3
15VV1A1242	R13105	COMPUTER PROGRAMMING	27	37	3
15VV1A1242	R13106	ENVIRONMENTAL STUDIES	25	52	3
15VV1A1242	R13110	ENGINEERING MECHANICS	26	41	3
15VV1A1242	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	46	2
15VV1A1242	R13115	ENGINEERING CHEMISTRY LABORATORY	24	47	2
15VV1A1242	R13116	C.PROGRAMMING LAB	20	47	2
15VV1A1243	R13101	ENGLISH-I	25	55	3
15VV1A1243	R13102	MATHEMATICS-I	28	40	3
15VV1A1243	R13104	ENGINEERING CHEMISTRY	26	45	3
15VV1A1243	R13105	COMPUTER PROGRAMMING	26	41	3
15VV1A1243	R13106	ENVIRONMENTAL STUDIES	22	58	3
15VV1A1243	R13110	ENGINEERING MECHANICS	26	37	3
15VV1A1243	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	43	2
15VV1A1243	R13115	ENGINEERING CHEMISTRY LABORATORY	25	45	2
15VV1A1243	R13116	C.PROGRAMMING LAB	20	47	2
15VV1A1244	R13101	ENGLISH-I	26	53	3
15VV1A1244	R13102	MATHEMATICS-I	26	24	3
15VV1A1244	R13104	ENGINEERING CHEMISTRY	25	30	3
15VV1A1244	R13105	COMPUTER PROGRAMMING	25	32	3
15VV1A1244	R13106	ENVIRONMENTAL STUDIES	17	50	3
15VV1A1244	R13110	ENGINEERING MECHANICS	24	37	3
15VV1A1244	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	39	2
15VV1A1244	R13115	ENGINEERING CHEMISTRY LABORATORY	22	50	2
15VV1A1244	R13116	C.PROGRAMMING LAB	20	46	2
15VV1A1245	R13101	ENGLISH-I	22	50	3
15VV1A1245	R13102	MATHEMATICS-I	27	35	3
15VV1A1245	R13104	ENGINEERING CHEMISTRY	23	47	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1245	R13105	COMPUTER PROGRAMMING	26	44	3
15VV1A1245	R13106	ENVIRONMENTAL STUDIES	23	58	3
15VV1A1245	R13110	ENGINEERING MECHANICS	22	39	3
15VV1A1245	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A1245	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A1245	R13116	C.PROGRAMMING LAB	21	46	2
15VV1A1246	R13101	ENGLISH-I	22	49	3
15VV1A1246	R13102	MATHEMATICS-I	13	27	3
15VV1A1246	R13104	ENGINEERING CHEMISTRY	22	39	3
15VV1A1246	R13105	COMPUTER PROGRAMMING	21	35	3
15VV1A1246	R13106	ENVIRONMENTAL STUDIES	18	49	3
15VV1A1246	R13110	ENGINEERING MECHANICS	20	25	3
15VV1A1246	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	41	2
15VV1A1246	R13115	ENGINEERING CHEMISTRY LABORATORY	21	49	2
15VV1A1246	R13116	C.PROGRAMMING LAB	20	46	2
15VV1A1247	R13101	ENGLISH-I	22	55	3
15VV1A1247	R13102	MATHEMATICS-I	23	16	0
15VV1A1247	R13104	ENGINEERING CHEMISTRY	22	48	3
15VV1A1247	R13105	COMPUTER PROGRAMMING	23	31	3
15VV1A1247	R13106	ENVIRONMENTAL STUDIES	20	54	3
15VV1A1247	R13110	ENGINEERING MECHANICS	23	28	3
15VV1A1247	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	39	2
15VV1A1247	R13115	ENGINEERING CHEMISTRY LABORATORY	21	45	2
15VV1A1247	R13116	C.PROGRAMMING LAB	21	43	2
15VV1A1248	R13101	ENGLISH-I	26	53	3
15VV1A1248	R13102	MATHEMATICS-I	28	44	3
15VV1A1248	R13104	ENGINEERING CHEMISTRY	27	44	3
15VV1A1248	R13105	COMPUTER PROGRAMMING	26	60	3
15VV1A1248	R13106	ENVIRONMENTAL STUDIES	23	57	3
15VV1A1248	R13110	ENGINEERING MECHANICS	26	38	3
15VV1A1248	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A1248	R13115	ENGINEERING CHEMISTRY LABORATORY	25	48	2
15VV1A1248	R13116	C.PROGRAMMING LAB	22	47	2
15VV1A1249	R13101	ENGLISH-I	23	49	3
15VV1A1249	R13102	MATHEMATICS-I	26	28	3
15VV1A1249	R13104	ENGINEERING CHEMISTRY	25	43	3
15VV1A1249	R13105	COMPUTER PROGRAMMING	25	43	3
15VV1A1249	R13106	ENVIRONMENTAL STUDIES	21	57	3
15VV1A1249	R13110	ENGINEERING MECHANICS	24	41	3
15VV1A1249	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	39	2
15VV1A1249	R13115	ENGINEERING CHEMISTRY LABORATORY	24	47	2
15VV1A1249	R13116	C.PROGRAMMING LAB	21	45	2
15VV1A1250	R13101	ENGLISH-I	24	50	3
15VV1A1250	R13102	MATHEMATICS-I	30	35	3
15VV1A1250	R13104	ENGINEERING CHEMISTRY	25	46	3
15VV1A1250	R13105	COMPUTER PROGRAMMING	26	52	3
15VV1A1250	R13106	ENVIRONMENTAL STUDIES	23	54	3
15VV1A1250	R13110	ENGINEERING MECHANICS	26	36	3
15VV1A1250	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	42	2
15VV1A1250	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A1250	R13116	C.PROGRAMMING LAB	22	46	2
15VV1A1251	R13101	ENGLISH-I	21	51	3
15VV1A1251	R13102	MATHEMATICS-I	25	39	3
15VV1A1251	R13104	ENGINEERING CHEMISTRY	24	42	3
15VV1A1251	R13105	COMPUTER PROGRAMMING	20	47	3
15VV1A1251	R13106	ENVIRONMENTAL STUDIES	23	63	3
15VV1A1251	R13110	ENGINEERING MECHANICS	25	33	3
15VV1A1251	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	40	2
15VV1A1251	R13115	ENGINEERING CHEMISTRY LABORATORY	22	41	2
15VV1A1251	R13116	C.PROGRAMMING LAB	23	46	2
15VV1A1252	R13101	ENGLISH-I	24	53	3
15VV1A1252	R13102	MATHEMATICS-I	23	24	3
15VV1A1252	R13104	ENGINEERING CHEMISTRY	19	41	3
15VV1A1252	R13105	COMPUTER PROGRAMMING	23	30	3
15VV1A1252	R13106	ENVIRONMENTAL STUDIES	21	57	3
15VV1A1252	R13110	ENGINEERING MECHANICS	25	27	3
15VV1A1252	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	39	2
15VV1A1252	R13115	ENGINEERING CHEMISTRY LABORATORY	21	41	2
15VV1A1252	R13116	C.PROGRAMMING LAB	21	42	2
15VV1A1253	R13101	ENGLISH-I	24	47	3
15VV1A1253	R13102	MATHEMATICS-I	24	31	3
15VV1A1253	R13104	ENGINEERING CHEMISTRY	26	40	3
15VV1A1253	R13105	COMPUTER PROGRAMMING	24	40	3
15VV1A1253	R13106	ENVIRONMENTAL STUDIES	22	63	3
15VV1A1253	R13110	ENGINEERING MECHANICS	25	31	3
15VV1A1253	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	40	2
15VV1A1253	R13115	ENGINEERING CHEMISTRY LABORATORY	24	42	2
15VV1A1253	R13116	C.PROGRAMMING LAB	20	42	2
15VV1A1254	R13101	ENGLISH-I	23	49	3
15VV1A1254	R13102	MATHEMATICS-I	24	33	3
15VV1A1254	R13104	ENGINEERING CHEMISTRY	23	34	3
15VV1A1254	R13105	COMPUTER PROGRAMMING	25	48	3
15VV1A1254	R13106	ENVIRONMENTAL STUDIES	22	53	3
15VV1A1254	R13110	ENGINEERING MECHANICS	23	36	3
15VV1A1254	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	43	2
15VV1A1254	R13115	ENGINEERING CHEMISTRY LABORATORY	22	49	2
15VV1A1254	R13116	C.PROGRAMMING LAB	21	45	2
15VV1A1255	R13101	ENGLISH-I	24	51	3
15VV1A1255	R13102	MATHEMATICS-I	25	33	3
15VV1A1255	R13104	ENGINEERING CHEMISTRY	25	45	3
15VV1A1255	R13105	COMPUTER PROGRAMMING	22	42	3
15VV1A1255	R13106	ENVIRONMENTAL STUDIES	24	56	3
15VV1A1255	R13110	ENGINEERING MECHANICS	26	37	3
15VV1A1255	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	43	2
15VV1A1255	R13115	ENGINEERING CHEMISTRY LABORATORY	24	46	2
15VV1A1255	R13116	C.PROGRAMMING LAB	22	44	2
15VV1A1256	R13101	ENGLISH-I	26	54	3
15VV1A1256	R13102	MATHEMATICS-I	26	51	3
15VV1A1256	R13104	ENGINEERING CHEMISTRY	26	43	3
15VV1A1256	R13105	COMPUTER PROGRAMMING	26	50	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1256	R13106	ENVIRONMENTAL STUDIES	21	62	3
15VV1A1256	R13110	ENGINEERING MECHANICS	25	55	3
15VV1A1256	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A1256	R13115	ENGINEERING CHEMISTRY LABORATORY	24	48	2
15VV1A1256	R13116	C.PROGRAMMING LAB	21	47	2
15VV1A1257	R13101	ENGLISH-I	25	49	3
15VV1A1257	R13102	MATHEMATICS-I	26	27	3
15VV1A1257	R13104	ENGINEERING CHEMISTRY	22	34	3
15VV1A1257	R13105	COMPUTER PROGRAMMING	21	43	3
15VV1A1257	R13106	ENVIRONMENTAL STUDIES	18	57	3
15VV1A1257	R13110	ENGINEERING MECHANICS	20	29	3
15VV1A1257	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	44	2
15VV1A1257	R13115	ENGINEERING CHEMISTRY LABORATORY	22	49	2
15VV1A1257	R13116	C.PROGRAMMING LAB	20	42	2
15VV1A3101	R13101	ENGLISH-I	25	41	3
15VV1A3101	R13102	MATHEMATICS-I	20	46	3
15VV1A3101	R13104	ENGINEERING CHEMISTRY	21	47	3
15VV1A3101	R13105	COMPUTER PROGRAMMING	24	36	3
15VV1A3101	R13106	ENVIRONMENTAL STUDIES	23	55	3
15VV1A3101	R13110	ENGINEERING MECHANICS	23	36	3
15VV1A3101	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A3101	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A3101	R13116	C.PROGRAMMING LAB	20	45	2
15VV1A3102	R13101	ENGLISH-I	24	49	3
15VV1A3102	R13102	MATHEMATICS-I	11	11	0
15VV1A3102	R13104	ENGINEERING CHEMISTRY	15	40	3
15VV1A3102	R13105	COMPUTER PROGRAMMING	21	35	3
15VV1A3102	R13106	ENVIRONMENTAL STUDIES	21	46	3
15VV1A3102	R13110	ENGINEERING MECHANICS	16	8	0
15VV1A3102	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	36	2
15VV1A3102	R13115	ENGINEERING CHEMISTRY LABORATORY	22	43	2
15VV1A3102	R13116	C.PROGRAMMING LAB	20	36	2
15VV1A3103	R13101	ENGLISH-I	25	53	3
15VV1A3103	R13102	MATHEMATICS-I	8	20	0
15VV1A3103	R13104	ENGINEERING CHEMISTRY	18	39	3
15VV1A3103	R13105	COMPUTER PROGRAMMING	13	40	3
15VV1A3103	R13106	ENVIRONMENTAL STUDIES	18	54	3
15VV1A3103	R13110	ENGINEERING MECHANICS	15	18	0
15VV1A3103	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	38	2
15VV1A3103	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A3103	R13116	C.PROGRAMMING LAB	18	25	2
15VV1A3104	R13101	ENGLISH-I	24	37	3
15VV1A3104	R13102	MATHEMATICS-I	16	29	3
15VV1A3104	R13104	ENGINEERING CHEMISTRY	15	46	3
15VV1A3104	R13105	COMPUTER PROGRAMMING	17	47	3
15VV1A3104	R13106	ENVIRONMENTAL STUDIES	22	60	3
15VV1A3104	R13110	ENGINEERING MECHANICS	18	17	0
15VV1A3104	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	38	2
15VV1A3104	R13115	ENGINEERING CHEMISTRY LABORATORY	22	45	2
15VV1A3104	R13116	C.PROGRAMMING LAB	19	38	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A3105	R13101	ENGLISH-I	23	40	3
15VV1A3105	R13102	MATHEMATICS-I	13	15	0
15VV1A3105	R13104	ENGINEERING CHEMISTRY	25	43	3
15VV1A3105	R13105	COMPUTER PROGRAMMING	22	37	3
15VV1A3105	R13106	ENVIRONMENTAL STUDIES	20	59	3
15VV1A3105	R13110	ENGINEERING MECHANICS	17	24	3
15VV1A3105	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	33	2
15VV1A3105	R13115	ENGINEERING CHEMISTRY LABORATORY	24	48	2
15VV1A3105	R13116	C.PROGRAMMING LAB	21	39	2
15VV1A3106	R13101	ENGLISH-I	25	49	3
15VV1A3106	R13102	MATHEMATICS-I	28	62	3
15VV1A3106	R13104	ENGINEERING CHEMISTRY	24	52	3
15VV1A3106	R13105	COMPUTER PROGRAMMING	29	49	3
15VV1A3106	R13106	ENVIRONMENTAL STUDIES	25	63	3
15VV1A3106	R13110	ENGINEERING MECHANICS	28	28	3
15VV1A3106	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A3106	R13115	ENGINEERING CHEMISTRY LABORATORY	23	47	2
15VV1A3106	R13116	C.PROGRAMMING LAB	24	47	2
15VV1A3107	R13101	ENGLISH-I	25	56	3
15VV1A3107	R13102	MATHEMATICS-I	20	42	3
15VV1A3107	R13104	ENGINEERING CHEMISTRY	21	52	3
15VV1A3107	R13105	COMPUTER PROGRAMMING	24	44	3
15VV1A3107	R13106	ENVIRONMENTAL STUDIES	15	58	3
15VV1A3107	R13110	ENGINEERING MECHANICS	20	24	3
15VV1A3107	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	45	2
15VV1A3107	R13115	ENGINEERING CHEMISTRY LABORATORY	22	44	2
15VV1A3107	R13116	C.PROGRAMMING LAB	21	44	2
15VV1A3108	R13101	ENGLISH-I	27	52	3
15VV1A3108	R13102	MATHEMATICS-I	17	30	3
15VV1A3108	R13104	ENGINEERING CHEMISTRY	18	46	3
15VV1A3108	R13105	COMPUTER PROGRAMMING	29	51	3
15VV1A3108	R13106	ENVIRONMENTAL STUDIES	26	59	3
15VV1A3108	R13110	ENGINEERING MECHANICS	20	37	3
15VV1A3108	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A3108	R13115	ENGINEERING CHEMISTRY LABORATORY	22	44	2
15VV1A3108	R13116	C.PROGRAMMING LAB	24	45	2
15VV1A3109	R13101	ENGLISH-I	26	55	3
15VV1A3109	R13102	MATHEMATICS-I	26	59	3
15VV1A3109	R13104	ENGINEERING CHEMISTRY	22	59	3
15VV1A3109	R13105	COMPUTER PROGRAMMING	30	49	3
15VV1A3109	R13106	ENVIRONMENTAL STUDIES	28	62	3
15VV1A3109	R13110	ENGINEERING MECHANICS	26	43	3
15VV1A3109	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	45	2
15VV1A3109	R13115	ENGINEERING CHEMISTRY LABORATORY	23	50	2
15VV1A3109	R13116	C.PROGRAMMING LAB	25	46	2
15VV1A3110	R13101	ENGLISH-I	26	56	3
15VV1A3110	R13102	MATHEMATICS-I	18	30	3
15VV1A3110	R13104	ENGINEERING CHEMISTRY	23	43	3
15VV1A3110	R13105	COMPUTER PROGRAMMING	25	43	3
15VV1A3110	R13106	ENVIRONMENTAL STUDIES	23	59	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A3110	R13110	ENGINEERING MECHANICS	22	16	0
15VV1A3110	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	43	2
15VV1A3110	R13115	ENGINEERING CHEMISTRY LABORATORY	23	45	2
15VV1A3110	R13116	C.PROGRAMMING LAB	22	36	2
15VV1A3111	R13101	ENGLISH-I	20	42	3
15VV1A3111	R13102	MATHEMATICS-I	13	16	0
15VV1A3111	R13104	ENGINEERING CHEMISTRY	17	35	3
15VV1A3111	R13105	COMPUTER PROGRAMMING	16	16	0
15VV1A3111	R13106	ENVIRONMENTAL STUDIES	18	33	3
15VV1A3111	R13110	ENGINEERING MECHANICS	16	2	0
15VV1A3111	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	46	2
15VV1A3111	R13115	ENGINEERING CHEMISTRY LABORATORY	22	41	2
15VV1A3111	R13116	C.PROGRAMMING LAB	21	41	2
15VV1A3112	R13101	ENGLISH-I	25	53	3
15VV1A3112	R13102	MATHEMATICS-I	20	30	3
15VV1A3112	R13104	ENGINEERING CHEMISTRY	18	49	3
15VV1A3112	R13105	COMPUTER PROGRAMMING	29	50	3
15VV1A3112	R13106	ENVIRONMENTAL STUDIES	24	49	3
15VV1A3112	R13110	ENGINEERING MECHANICS	20	24	3
15VV1A3112	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	44	2
15VV1A3112	R13115	ENGINEERING CHEMISTRY LABORATORY	22	46	2
15VV1A3112	R13116	C.PROGRAMMING LAB	24	44	2
15VV1A3114	R13101	ENGLISH-I	26	42	3
15VV1A3114	R13102	MATHEMATICS-I	19	45	3
15VV1A3114	R13104	ENGINEERING CHEMISTRY	18	44	3
15VV1A3114	R13105	COMPUTER PROGRAMMING	28	41	3
15VV1A3114	R13106	ENVIRONMENTAL STUDIES	22	46	3
15VV1A3114	R13110	ENGINEERING MECHANICS	28	48	3
15VV1A3114	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	44	2
15VV1A3114	R13115	ENGINEERING CHEMISTRY LABORATORY	22	44	2
15VV1A3114	R13116	C.PROGRAMMING LAB	25	49	2
15VV1A3115	R13101	ENGLISH-I	25	41	3
15VV1A3115	R13102	MATHEMATICS-I	19	46	3
15VV1A3115	R13104	ENGINEERING CHEMISTRY	23	46	3
15VV1A3115	R13105	COMPUTER PROGRAMMING	22	40	3
15VV1A3115	R13106	ENVIRONMENTAL STUDIES	25	48	3
15VV1A3115	R13110	ENGINEERING MECHANICS	24	31	3
15VV1A3115	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	18	42	2
15VV1A3115	R13115	ENGINEERING CHEMISTRY LABORATORY	23	50	2
15VV1A3115	R13116	C.PROGRAMMING LAB	21	41	2
15VV1A3116	R13101	ENGLISH-I	22	48	3
15VV1A3116	R13102	MATHEMATICS-I	19	25	3
15VV1A3116	R13104	ENGINEERING CHEMISTRY	23	40	3
15VV1A3116	R13105	COMPUTER PROGRAMMING	22	40	3
15VV1A3116	R13106	ENVIRONMENTAL STUDIES	24	50	3
15VV1A3116	R13110	ENGINEERING MECHANICS	23	32	3
15VV1A3116	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A3116	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A3116	R13116	C.PROGRAMMING LAB	23	45	2
15VV1A3117	R13101	ENGLISH-I	25	42	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A3117	R13102	MATHEMATICS-I	18	28	3
15VV1A3117	R13104	ENGINEERING CHEMISTRY	22	39	3
15VV1A3117	R13105	COMPUTER PROGRAMMING	23	39	3
15VV1A3117	R13106	ENVIRONMENTAL STUDIES	23	42	3
15VV1A3117	R13110	ENGINEERING MECHANICS	21	24	3
15VV1A3117	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	42	2
15VV1A3117	R13115	ENGINEERING CHEMISTRY LABORATORY	23	43	2
15VV1A3117	R13116	C.PROGRAMMING LAB	21	41	2
15VV1A3118	R13101	ENGLISH-I	24	54	3
15VV1A3118	R13102	MATHEMATICS-I	21	31	3
15VV1A3118	R13104	ENGINEERING CHEMISTRY	18	38	3
15VV1A3118	R13105	COMPUTER PROGRAMMING	20	51	3
15VV1A3118	R13106	ENVIRONMENTAL STUDIES	22	60	3
15VV1A3118	R13110	ENGINEERING MECHANICS	19	15	0
15VV1A3118	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	38	2
15VV1A3118	R13115	ENGINEERING CHEMISTRY LABORATORY	22	49	2
15VV1A3118	R13116	C.PROGRAMMING LAB	20	37	2
15VV1A3119	R13101	ENGLISH-I	25	33	3
15VV1A3119	R13102	MATHEMATICS-I	16	11	0
15VV1A3119	R13104	ENGINEERING CHEMISTRY	20	46	3
15VV1A3119	R13105	COMPUTER PROGRAMMING	21	38	3
15VV1A3119	R13106	ENVIRONMENTAL STUDIES	22	50	3
15VV1A3119	R13110	ENGINEERING MECHANICS	19	24	3
15VV1A3119	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	19	43	2
15VV1A3119	R13115	ENGINEERING CHEMISTRY LABORATORY	22	48	2
15VV1A3119	R13116	C.PROGRAMMING LAB	19	43	2
15VV1A3120	R13101	ENGLISH-I	22	43	3
15VV1A3120	R13102	MATHEMATICS-I	22	51	3
15VV1A3120	R13104	ENGINEERING CHEMISTRY	25	51	3
15VV1A3120	R13105	COMPUTER PROGRAMMING	25	43	3
15VV1A3120	R13106	ENVIRONMENTAL STUDIES	21	60	3
15VV1A3120	R13110	ENGINEERING MECHANICS	24	37	3
15VV1A3120	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	42	2
15VV1A3120	R13115	ENGINEERING CHEMISTRY LABORATORY	24	45	2
15VV1A3120	R13116	C.PROGRAMMING LAB	24	47	2
15VV1A3121	R13101	ENGLISH-I	23	44	3
15VV1A3121	R13102	MATHEMATICS-I	21	40	3
15VV1A3121	R13104	ENGINEERING CHEMISTRY	24	51	3
15VV1A3121	R13105	COMPUTER PROGRAMMING	23	33	3
15VV1A3121	R13106	ENVIRONMENTAL STUDIES	19	53	3
15VV1A3121	R13110	ENGINEERING MECHANICS	22	48	3
15VV1A3121	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	40	2
15VV1A3121	R13115	ENGINEERING CHEMISTRY LABORATORY	23	46	2
15VV1A3121	R13116	C.PROGRAMMING LAB	20	39	2
15VV1A3122	R13101	ENGLISH-I	24	42	3
15VV1A3122	R13102	MATHEMATICS-I	11	30	3
15VV1A3122	R13104	ENGINEERING CHEMISTRY	14	37	3
15VV1A3122	R13105	COMPUTER PROGRAMMING	17	40	3
15VV1A3122	R13106	ENVIRONMENTAL STUDIES	20	54	3
15VV1A3122	R13110	ENGINEERING MECHANICS	18	14	0

Htno	Subcode	Subname	Internal	External	credits
15VV1A3122	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	17	30	2
15VV1A3122	R13115	ENGINEERING CHEMISTRY LABORATORY	22	42	2
15VV1A3122	R13116	C.PROGRAMMING LAB	19	36	2
15VV1A3123	R13101	ENGLISH-I	24	30	3
15VV1A3123	R13102	MATHEMATICS-I	13	14	0
15VV1A3123	R13104	ENGINEERING CHEMISTRY	17	34	3
15VV1A3123	R13105	COMPUTER PROGRAMMING	23	39	3
15VV1A3123	R13106	ENVIRONMENTAL STUDIES	24	49	3
15VV1A3123	R13110	ENGINEERING MECHANICS	19	24	3
15VV1A3123	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	23	35	2
15VV1A3123	R13115	ENGINEERING CHEMISTRY LABORATORY	22	47	2
15VV1A3123	R13116	C.PROGRAMMING LAB	18	41	2
15VV1A3124	R13101	ENGLISH-I	23	31	3
15VV1A3124	R13102	MATHEMATICS-I	15	25	3
15VV1A3124	R13104	ENGINEERING CHEMISTRY	20	40	3
15VV1A3124	R13105	COMPUTER PROGRAMMING	24	34	3
15VV1A3124	R13106	ENVIRONMENTAL STUDIES	23	52	3
15VV1A3124	R13110	ENGINEERING MECHANICS	21	17	0
15VV1A3124	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	20	36	2
15VV1A3124	R13115	ENGINEERING CHEMISTRY LABORATORY	22	42	2
15VV1A3124	R13116	C.PROGRAMMING LAB	20	40	2
15VV1A3125	R13101	ENGLISH-I	23	35	3
15VV1A3125	R13102	MATHEMATICS-I	17	28	3
15VV1A3125	R13104	ENGINEERING CHEMISTRY	17	45	3
15VV1A3125	R13105	COMPUTER PROGRAMMING	21	40	3
15VV1A3125	R13106	ENVIRONMENTAL STUDIES	24	57	3
15VV1A3125	R13110	ENGINEERING MECHANICS	25	33	3
15VV1A3125	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	30	2
15VV1A3125	R13115	ENGINEERING CHEMISTRY LABORATORY	22	49	2
15VV1A3125	R13116	C.PROGRAMMING LAB	21	44	2
15VV1A3126	R13101	ENGLISH-I	25	41	3
15VV1A3126	R13102	MATHEMATICS-I	19	34	3
15VV1A3126	R13104	ENGINEERING CHEMISTRY	20	53	3
15VV1A3126	R13105	COMPUTER PROGRAMMING	25	47	3
15VV1A3126	R13106	ENVIRONMENTAL STUDIES	24	58	3
15VV1A3126	R13110	ENGINEERING MECHANICS	22	24	3
15VV1A3126	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	34	2
15VV1A3126	R13115	ENGINEERING CHEMISTRY LABORATORY	22	50	2
15VV1A3126	R13116	C.PROGRAMMING LAB	21	42	2
15VV1A3127	R13101	ENGLISH-I	24	26	3
15VV1A3127	R13102	MATHEMATICS-I	20	0	0
15VV1A3127	R13104	ENGINEERING CHEMISTRY	17	29	3
15VV1A3127	R13105	COMPUTER PROGRAMMING	21	33	3
15VV1A3127	R13106	ENVIRONMENTAL STUDIES	21	42	3
15VV1A3127	R13110	ENGINEERING MECHANICS	24	25	3
15VV1A3127	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	35	2
15VV1A3127	R13115	ENGINEERING CHEMISTRY LABORATORY	22	46	2
15VV1A3127	R13116	C.PROGRAMMING LAB	20	41	2
15VV1A3128	R13101	ENGLISH-I	23	24	3
15VV1A3128	R13102	MATHEMATICS-I	15	0	0

Htno	Subcode	Subname	Internal	External	credits
15VV1A3128	R13104	ENGINEERING CHEMISTRY	18	33	3
15VV1A3128	R13105	COMPUTER PROGRAMMING	20	34	3
15VV1A3128	R13106	ENVIRONMENTAL STUDIES	23	57	3
15VV1A3128	R13110	ENGINEERING MECHANICS	19	14	0
15VV1A3128	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	21	36	2
15VV1A3128	R13115	ENGINEERING CHEMISTRY LABORATORY	22	45	2
15VV1A3128	R13116	C.PROGRAMMING LAB	19	40	2
15VV1A3129	R13101	ENGLISH-I	24	31	3
15VV1A3129	R13102	MATHEMATICS-I	14	16	0
15VV1A3129	R13104	ENGINEERING CHEMISTRY	14	35	3
15VV1A3129	R13105	COMPUTER PROGRAMMING	20	36	3
15VV1A3129	R13106	ENVIRONMENTAL STUDIES	23	50	3
15VV1A3129	R13110	ENGINEERING MECHANICS	20	11	0
15VV1A3129	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	37	2
15VV1A3129	R13115	ENGINEERING CHEMISTRY LABORATORY	22	46	2
15VV1A3129	R13116	C.PROGRAMMING LAB	19	40	2
15VV1A3130	R13101	ENGLISH-I	27	29	3
15VV1A3130	R13102	MATHEMATICS-I	14	39	3
15VV1A3130	R13104	ENGINEERING CHEMISTRY	22	44	3
15VV1A3130	R13105	COMPUTER PROGRAMMING	20	37	3
15VV1A3130	R13106	ENVIRONMENTAL STUDIES	21	58	3
15VV1A3130	R13110	ENGINEERING MECHANICS	21	36	3
15VV1A3130	R13111	ENGLISH COMMUNICATION SKILLS LAB-I	22	40	2
15VV1A3130	R13115	ENGINEERING CHEMISTRY LABORATORY	23	42	2
15VV1A3130	R13116	C.PROGRAMMING LAB	20	41	2

** Note:**

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

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

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



Date:10-05-2016

Controller of Examinations