



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of I B.Tech-VV-[R13,R10] II Semester Regular/Supplementary Examinations May-2016

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

Htno	Subcode	Subname	Internal	External	credits
10VV1A1256	IT123	MATHEMATICAL METHODS	10	36	2
12VV1A0523	CS126	ENGINEERING DRAWING	14	19	0
12VV1A1257	IT122	MATHEMATICS-II	10	9	0
12VV1A1257	IT123	MATHEMATICAL METHODS	10	48	2
12VV1A1257	IT124	ENGINEERING PHYSICS-II	7	46	2
12VV1A3121	MT122	MATHEMATICS-II	7	22	0
12VV1A3121	MT126	ENGINEERING DRAWING	15	7	0
12VV1A3158	MT122	MATHEMATICS-II	9	42	3
13VV1A0414	EC124	ENGINEERING MECHANICS	16	18	0
13VV1A0546	CS126	ENGINEERING DRAWING	21	26	3
13VV1A1210	IT126	ENGINEERING DRAWING	15	11	0
13VV1A1227	IT126	ENGINEERING DRAWING	18	41	3
13VV1A1258	IT126	ENGINEERING DRAWING	17	-1	0
13VV1A3102	MT122	MATHEMATICS-II (MATHEMATICAL METHODS)	11	6	0
13VV1A3102	MT123	MATHEMATICS-III	13	14	0
13VV1A3102	MT124	ENGINEERING PHYSICS	12	24	0
13VV1A3104	MT122	MATHEMATICS-II (MATHEMATICAL METHODS)	24	-1	0
13VV1A3104	MT124	ENGINEERING PHYSICS	20	0	0
14VV1A0129	R13207	Mathematics-II (Mathematical Methods)	17	26	3
14VV1A0208	R13205	Computer Programming	19	33	3
14VV1A0353	R13203	Engineering Physics	11	35	3
14VV1A0356	R13201	English-II	23	48	3
14VV1A0356	R13202	Mathematics-III	19	64	3
14VV1A0356	R13203	Engineering Physics	16	49	3
14VV1A0356	R13207	Mathematics-II (Mathematical Methods)	20	42	3
14VV1A0356	R13208	Professional Ethics and Human Values	22	32	3
14VV1A0356	R13209	Engineering Drawing	29	66	3
14VV1A0356	R13213	English Communication Skills Lab-1	22	45	2
14VV1A0356	R13214	Engineering Physics Laboratory	23	45	2
14VV1A0356	R13216	Engineering Workshop & IT Workshop	21	44	2
14VV1A1239	R13207	Mathematics-II (Mathematical Methods)	17	38	3
14VV1A1245	R13209	Engineering Drawing	24	38	3
14VV1A1251	R13209	Engineering Drawing	10	55	3
14VV1A3108	R13209	Engineering Drawing	20	24	3
14VV1A3114	R13209	Engineering Drawing	22	37	3
14VV1A3118	R13201	English-II	0	-1	0
14VV1A3118	R13202	Mathematics-III	0	-1	0
14VV1A3118	R13203	Engineering Physics	0	-1	0
14VV1A3118	R13207	Mathematics-II (Mathematical Methods)	0	-1	0
14VV1A3118	R13208	Professional Ethics and Human Values	0	-1	0
14VV1A3118	R13209	Engineering Drawing	0	-1	0
14VV1A3118	R13213	English Communication Skills Lab-1	0	-1	0
14VV1A3118	R13214	Engineering Physics Laboratory	0	-1	0
14VV1A3118	R13216	Engineering Workshop & IT Workshop	0	-1	0
14VV1A3127	R13209	Engineering Drawing	15	48	3
15VV1A0101	R13201	English-II	17	41	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0101	R13202	Mathematics-III	9	31	3
15VV1A0101	R13203	Engineering Physics	15	20	0
15VV1A0101	R13207	Mathematics-II (Mathematical Methods)	11	33	3
15VV1A0101	R13208	Professional Ethics and Human Values	18	35	3
15VV1A0101	R13209	Engineering Drawing	21	24	3
15VV1A0101	R13213	English Communication Skills Lab-1	22	39	2
15VV1A0101	R13214	Engineering Physics Laboratory	21	19	2
15VV1A0101	R13216	Engineering Workshop & IT Workshop	21	43	2
15VV1A0102	R13201	English-II	21	51	3
15VV1A0102	R13202	Mathematics-III	17	49	3
15VV1A0102	R13203	Engineering Physics	19	53	3
15VV1A0102	R13207	Mathematics-II (Mathematical Methods)	23	40	3
15VV1A0102	R13208	Professional Ethics and Human Values	25	42	3
15VV1A0102	R13209	Engineering Drawing	23	44	3
15VV1A0102	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0102	R13214	Engineering Physics Laboratory	22	36	2
15VV1A0102	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0103	R13201	English-II	19	43	3
15VV1A0103	R13202	Mathematics-III	14	46	3
15VV1A0103	R13203	Engineering Physics	17	39	3
15VV1A0103	R13207	Mathematics-II (Mathematical Methods)	20	32	3
15VV1A0103	R13208	Professional Ethics and Human Values	24	39	3
15VV1A0103	R13209	Engineering Drawing	24	38	3
15VV1A0103	R13213	English Communication Skills Lab-1	22	37	2
15VV1A0103	R13214	Engineering Physics Laboratory	22	31	2
15VV1A0103	R13216	Engineering Workshop & IT Workshop	19	36	2
15VV1A0104	R13201	English-II	25	45	3
15VV1A0104	R13202	Mathematics-III	17	44	3
15VV1A0104	R13203	Engineering Physics	18	47	3
15VV1A0104	R13207	Mathematics-II (Mathematical Methods)	23	49	3
15VV1A0104	R13208	Professional Ethics and Human Values	21	39	3
15VV1A0104	R13209	Engineering Drawing	24	54	3
15VV1A0104	R13213	English Communication Skills Lab-1	19	44	2
15VV1A0104	R13214	Engineering Physics Laboratory	24	38	2
15VV1A0104	R13216	Engineering Workshop & IT Workshop	22	41	2
15VV1A0105	R13201	English-II	23	47	3
15VV1A0105	R13202	Mathematics-III	16	52	3
15VV1A0105	R13203	Engineering Physics	21	44	3
15VV1A0105	R13207	Mathematics-II (Mathematical Methods)	23	36	3
15VV1A0105	R13208	Professional Ethics and Human Values	26	39	3
15VV1A0105	R13209	Engineering Drawing	25	48	3
15VV1A0105	R13213	English Communication Skills Lab-1	21	46	2
15VV1A0105	R13214	Engineering Physics Laboratory	22	38	2
15VV1A0105	R13216	Engineering Workshop & IT Workshop	21	39	2
15VV1A0106	R13201	English-II	22	50	3
15VV1A0106	R13202	Mathematics-III	16	46	3
15VV1A0106	R13203	Engineering Physics	19	45	3
15VV1A0106	R13207	Mathematics-II (Mathematical Methods)	20	44	3
15VV1A0106	R13208	Professional Ethics and Human Values	28	37	3
15VV1A0106	R13209	Engineering Drawing	25	30	3
15VV1A0106	R13213	English Communication Skills Lab-1	20	39	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0106	R13214	Engineering Physics Laboratory	19	35	2
15VV1A0106	R13216	Engineering Workshop & IT Workshop	20	41	2
15VV1A0107	R13201	English-II	15	38	3
15VV1A0107	R13202	Mathematics-III	16	41	3
15VV1A0107	R13203	Engineering Physics	15	28	3
15VV1A0107	R13207	Mathematics-II (Mathematical Methods)	16	27	3
15VV1A0107	R13208	Professional Ethics and Human Values	16	36	3
15VV1A0107	R13209	Engineering Drawing	19	36	3
15VV1A0107	R13213	English Communication Skills Lab-1	21	36	2
15VV1A0107	R13214	Engineering Physics Laboratory	22	32	2
15VV1A0107	R13216	Engineering Workshop & IT Workshop	18	40	2
15VV1A0109	R13201	English-II	22	54	3
15VV1A0109	R13202	Mathematics-III	21	61	3
15VV1A0109	R13203	Engineering Physics	24	47	3
15VV1A0109	R13207	Mathematics-II (Mathematical Methods)	22	49	3
15VV1A0109	R13208	Professional Ethics and Human Values	27	37	3
15VV1A0109	R13209	Engineering Drawing	28	68	3
15VV1A0109	R13213	English Communication Skills Lab-1	20	38	2
15VV1A0109	R13214	Engineering Physics Laboratory	24	38	2
15VV1A0109	R13216	Engineering Workshop & IT Workshop	19	39	2
15VV1A0110	R13201	English-II	19	36	3
15VV1A0110	R13202	Mathematics-III	16	37	3
15VV1A0110	R13203	Engineering Physics	14	28	3
15VV1A0110	R13207	Mathematics-II (Mathematical Methods)	20	31	3
15VV1A0110	R13208	Professional Ethics and Human Values	25	35	3
15VV1A0110	R13209	Engineering Drawing	27	46	3
15VV1A0110	R13213	English Communication Skills Lab-1	19	35	2
15VV1A0110	R13214	Engineering Physics Laboratory	18	38	2
15VV1A0110	R13216	Engineering Workshop & IT Workshop	21	39	2
15VV1A0111	R13201	English-II	25	52	3
15VV1A0111	R13202	Mathematics-III	19	60	3
15VV1A0111	R13203	Engineering Physics	24	39	3
15VV1A0111	R13207	Mathematics-II (Mathematical Methods)	25	59	3
15VV1A0111	R13208	Professional Ethics and Human Values	27	38	3
15VV1A0111	R13209	Engineering Drawing	27	58	3
15VV1A0111	R13213	English Communication Skills Lab-1	22	44	2
15VV1A0111	R13214	Engineering Physics Laboratory	25	40	2
15VV1A0111	R13216	Engineering Workshop & IT Workshop	20	41	2
15VV1A0112	R13201	English-II	25	59	3
15VV1A0112	R13202	Mathematics-III	12	44	3
15VV1A0112	R13203	Engineering Physics	17	48	3
15VV1A0112	R13207	Mathematics-II (Mathematical Methods)	16	36	3
15VV1A0112	R13208	Professional Ethics and Human Values	23	39	3
15VV1A0112	R13209	Engineering Drawing	26	42	3
15VV1A0112	R13213	English Communication Skills Lab-1	23	45	2
15VV1A0112	R13214	Engineering Physics Laboratory	21	35	2
15VV1A0112	R13216	Engineering Workshop & IT Workshop	20	37	2
15VV1A0113	R13201	English-II	21	32	3
15VV1A0113	R13202	Mathematics-III	9	37	3
15VV1A0113	R13203	Engineering Physics	16	47	3
15VV1A0113	R13207	Mathematics-II (Mathematical Methods)	17	24	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0113	R13208	Professional Ethics and Human Values	21	35	3
15VV1A0113	R13209	Engineering Drawing	26	32	3
15VV1A0113	R13213	English Communication Skills Lab-1	21	38	2
15VV1A0113	R13214	Engineering Physics Laboratory	22	35	2
15VV1A0113	R13216	Engineering Workshop & IT Workshop	19	42	2
15VV1A0114	R13201	English-II	22	46	3
15VV1A0114	R13202	Mathematics-III	23	60	3
15VV1A0114	R13203	Engineering Physics	22	54	3
15VV1A0114	R13207	Mathematics-II (Mathematical Methods)	26	51	3
15VV1A0114	R13208	Professional Ethics and Human Values	25	42	3
15VV1A0114	R13209	Engineering Drawing	24	40	3
15VV1A0114	R13213	English Communication Skills Lab-1	21	37	2
15VV1A0114	R13214	Engineering Physics Laboratory	22	39	2
15VV1A0114	R13216	Engineering Workshop & IT Workshop	20	41	2
15VV1A0115	R13201	English-II	25	55	3
15VV1A0115	R13202	Mathematics-III	22	54	3
15VV1A0115	R13203	Engineering Physics	21	59	3
15VV1A0115	R13207	Mathematics-II (Mathematical Methods)	20	38	3
15VV1A0115	R13208	Professional Ethics and Human Values	25	41	3
15VV1A0115	R13209	Engineering Drawing	27	40	3
15VV1A0115	R13213	English Communication Skills Lab-1	22	47	2
15VV1A0115	R13214	Engineering Physics Laboratory	24	42	2
15VV1A0115	R13216	Engineering Workshop & IT Workshop	20	44	2
15VV1A0117	R13201	English-II	16	44	3
15VV1A0117	R13202	Mathematics-III	11	56	3
15VV1A0117	R13203	Engineering Physics	11	42	3
15VV1A0117	R13207	Mathematics-II (Mathematical Methods)	15	30	3
15VV1A0117	R13208	Professional Ethics and Human Values	22	37	3
15VV1A0117	R13209	Engineering Drawing	25	44	3
15VV1A0117	R13213	English Communication Skills Lab-1	19	35	2
15VV1A0117	R13214	Engineering Physics Laboratory	22	31	2
15VV1A0117	R13216	Engineering Workshop & IT Workshop	19	37	2
15VV1A0119	R13201	English-II	18	34	3
15VV1A0119	R13202	Mathematics-III	12	46	3
15VV1A0119	R13203	Engineering Physics	15	36	3
15VV1A0119	R13207	Mathematics-II (Mathematical Methods)	19	27	3
15VV1A0119	R13208	Professional Ethics and Human Values	17	30	3
15VV1A0119	R13209	Engineering Drawing	23	46	3
15VV1A0119	R13213	English Communication Skills Lab-1	17	36	2
15VV1A0119	R13214	Engineering Physics Laboratory	21	33	2
15VV1A0119	R13216	Engineering Workshop & IT Workshop	20	42	2
15VV1A0120	R13201	English-II	22	50	3
15VV1A0120	R13202	Mathematics-III	21	51	3
15VV1A0120	R13203	Engineering Physics	15	54	3
15VV1A0120	R13207	Mathematics-II (Mathematical Methods)	23	35	3
15VV1A0120	R13208	Professional Ethics and Human Values	19	39	3
15VV1A0120	R13209	Engineering Drawing	26	46	3
15VV1A0120	R13213	English Communication Skills Lab-1	19	40	2
15VV1A0120	R13214	Engineering Physics Laboratory	24	36	2
15VV1A0120	R13216	Engineering Workshop & IT Workshop	19	42	2
15VV1A0121	R13201	English-II	22	61	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0121	R13202	Mathematics-III	14	37	3
15VV1A0121	R13203	Engineering Physics	15	17	0
15VV1A0121	R13207	Mathematics-II (Mathematical Methods)	18	17	0
15VV1A0121	R13208	Professional Ethics and Human Values	20	38	3
15VV1A0121	R13209	Engineering Drawing	25	40	3
15VV1A0121	R13213	English Communication Skills Lab-1	22	44	2
15VV1A0121	R13214	Engineering Physics Laboratory	23	30	2
15VV1A0121	R13216	Engineering Workshop & IT Workshop	19	39	2
15VV1A0122	R13201	English-II	21	40	3
15VV1A0122	R13202	Mathematics-III	16	32	3
15VV1A0122	R13203	Engineering Physics	14	26	3
15VV1A0122	R13207	Mathematics-II (Mathematical Methods)	15	25	3
15VV1A0122	R13208	Professional Ethics and Human Values	24	33	3
15VV1A0122	R13209	Engineering Drawing	24	16	0
15VV1A0122	R13213	English Communication Skills Lab-1	21	35	2
15VV1A0122	R13214	Engineering Physics Laboratory	21	39	2
15VV1A0122	R13216	Engineering Workshop & IT Workshop	18	39	2
15VV1A0123	R13201	English-II	14	42	3
15VV1A0123	R13202	Mathematics-III	13	27	3
15VV1A0123	R13203	Engineering Physics	12	35	3
15VV1A0123	R13207	Mathematics-II (Mathematical Methods)	17	27	3
15VV1A0123	R13208	Professional Ethics and Human Values	19	33	3
15VV1A0123	R13209	Engineering Drawing	20	50	3
15VV1A0123	R13213	English Communication Skills Lab-1	21	35	2
15VV1A0123	R13214	Engineering Physics Laboratory	15	31	2
15VV1A0123	R13216	Engineering Workshop & IT Workshop	18	42	2
15VV1A0124	R13201	English-II	19	50	3
15VV1A0124	R13202	Mathematics-III	15	44	3
15VV1A0124	R13203	Engineering Physics	19	59	3
15VV1A0124	R13207	Mathematics-II (Mathematical Methods)	26	43	3
15VV1A0124	R13208	Professional Ethics and Human Values	24	40	3
15VV1A0124	R13209	Engineering Drawing	27	42	3
15VV1A0124	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0124	R13214	Engineering Physics Laboratory	21	40	2
15VV1A0124	R13216	Engineering Workshop & IT Workshop	20	45	2
15VV1A0125	R13201	English-II	21	51	3
15VV1A0125	R13202	Mathematics-III	16	28	3
15VV1A0125	R13203	Engineering Physics	19	47	3
15VV1A0125	R13207	Mathematics-II (Mathematical Methods)	17	35	3
15VV1A0125	R13208	Professional Ethics and Human Values	22	38	3
15VV1A0125	R13209	Engineering Drawing	25	48	3
15VV1A0125	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0125	R13214	Engineering Physics Laboratory	22	36	2
15VV1A0125	R13216	Engineering Workshop & IT Workshop	20	44	2
15VV1A0127	R13201	English-II	18	42	3
15VV1A0127	R13202	Mathematics-III	17	46	3
15VV1A0127	R13203	Engineering Physics	17	47	3
15VV1A0127	R13207	Mathematics-II (Mathematical Methods)	23	51	3
15VV1A0127	R13208	Professional Ethics and Human Values	18	37	3
15VV1A0127	R13209	Engineering Drawing	26	46	3
15VV1A0127	R13213	English Communication Skills Lab-1	18	43	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0127	R13214	Engineering Physics Laboratory	19	39	2
15VV1A0127	R13216	Engineering Workshop & IT Workshop	21	41	2
15VV1A0128	R13201	English-II	20	55	3
15VV1A0128	R13202	Mathematics-III	15	43	3
15VV1A0128	R13203	Engineering Physics	19	49	3
15VV1A0128	R13207	Mathematics-II (Mathematical Methods)	21	43	3
15VV1A0128	R13208	Professional Ethics and Human Values	23	34	3
15VV1A0128	R13209	Engineering Drawing	22	46	3
15VV1A0128	R13213	English Communication Skills Lab-1	21	39	2
15VV1A0128	R13214	Engineering Physics Laboratory	24	39	2
15VV1A0128	R13216	Engineering Workshop & IT Workshop	20	38	2
15VV1A0201	R13201	English-II	23	48	3
15VV1A0201	R13202	Mathematics-III	22	38	3
15VV1A0201	R13204	Engineering Chemistry	23	47	3
15VV1A0201	R13205	Computer Programming	25	39	3
15VV1A0201	R13210	Engineering Mechanics	20	27	3
15VV1A0201	R13212	Electrica Circuit Analysis-I	22	44	3
15VV1A0201	R13213	English Communication Skills Lab-1	22	44	2
15VV1A0201	R13217	Engineering Chemistry Laboratory	24	47	2
15VV1A0201	R13218	C Programming Lab	21	40	2
15VV1A0203	R13201	English-II	23	53	3
15VV1A0203	R13202	Mathematics-III	25	39	3
15VV1A0203	R13204	Engineering Chemistry	23	48	3
15VV1A0203	R13205	Computer Programming	25	35	3
15VV1A0203	R13210	Engineering Mechanics	18	27	3
15VV1A0203	R13212	Electrica Circuit Analysis-I	25	38	3
15VV1A0203	R13213	English Communication Skills Lab-1	23	42	2
15VV1A0203	R13217	Engineering Chemistry Laboratory	24	47	2
15VV1A0203	R13218	C Programming Lab	20	44	2
15VV1A0204	R13201	English-II	22	47	3
15VV1A0204	R13202	Mathematics-III	23	44	3
15VV1A0204	R13204	Engineering Chemistry	25	49	3
15VV1A0204	R13205	Computer Programming	28	39	3
15VV1A0204	R13210	Engineering Mechanics	21	47	3
15VV1A0204	R13212	Electrica Circuit Analysis-I	23	32	3
15VV1A0204	R13213	English Communication Skills Lab-1	22	41	2
15VV1A0204	R13217	Engineering Chemistry Laboratory	24	47	2
15VV1A0204	R13218	C Programming Lab	24	48	2
15VV1A0205	R13201	English-II	21	50	3
15VV1A0205	R13202	Mathematics-III	28	46	3
15VV1A0205	R13204	Engineering Chemistry	17	53	3
15VV1A0205	R13205	Computer Programming	24	43	3
15VV1A0205	R13210	Engineering Mechanics	20	31	3
15VV1A0205	R13212	Electrica Circuit Analysis-I	23	50	3
15VV1A0205	R13213	English Communication Skills Lab-1	21	37	2
15VV1A0205	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0205	R13218	C Programming Lab	19	42	2
15VV1A0206	R13201	English-II	14	26	3
15VV1A0206	R13202	Mathematics-III	22	12	0
15VV1A0206	R13204	Engineering Chemistry	14	31	3
15VV1A0206	R13205	Computer Programming	12	16	0

Htno	Subcode	Subname	Internal	External	credits
15VV1A0206	R13210	Engineering Mechanics	15	3	0
15VV1A0206	R13212	Electrica Circuit Analysis-I	17	11	0
15VV1A0206	R13213	English Communication Skills Lab-1	21	36	2
15VV1A0206	R13217	Engineering Chemistry Laboratory	22	45	2
15VV1A0206	R13218	C Programming Lab	18	23	2
15VV1A0207	R13201	English-II	19	36	3
15VV1A0207	R13202	Mathematics-III	23	25	3
15VV1A0207	R13204	Engineering Chemistry	16	50	3
15VV1A0207	R13205	Computer Programming	16	32	3
15VV1A0207	R13210	Engineering Mechanics	21	36	3
15VV1A0207	R13212	Electrica Circuit Analysis-I	22	31	3
15VV1A0207	R13213	English Communication Skills Lab-1	20	41	2
15VV1A0207	R13217	Engineering Chemistry Laboratory	24	46	2
15VV1A0207	R13218	C Programming Lab	19	42	2
15VV1A0209	R13201	English-II	24	40	3
15VV1A0209	R13202	Mathematics-III	27	65	3
15VV1A0209	R13204	Engineering Chemistry	22	53	3
15VV1A0209	R13205	Computer Programming	27	42	3
15VV1A0209	R13210	Engineering Mechanics	19	43	3
15VV1A0209	R13212	Electrica Circuit Analysis-I	18	50	3
15VV1A0209	R13213	English Communication Skills Lab-1	22	45	2
15VV1A0209	R13217	Engineering Chemistry Laboratory	24	50	2
15VV1A0209	R13218	C Programming Lab	24	42	2
15VV1A0211	R13201	English-II	22	57	3
15VV1A0211	R13202	Mathematics-III	14	40	3
15VV1A0211	R13204	Engineering Chemistry	20	54	3
15VV1A0211	R13205	Computer Programming	18	27	3
15VV1A0211	R13210	Engineering Mechanics	23	26	3
15VV1A0211	R13212	Electrica Circuit Analysis-I	19	44	3
15VV1A0211	R13213	English Communication Skills Lab-1	21	46	2
15VV1A0211	R13217	Engineering Chemistry Laboratory	24	48	2
15VV1A0211	R13218	C Programming Lab	18	42	2
15VV1A0212	R13201	English-II	24	55	3
15VV1A0212	R13202	Mathematics-III	30	54	3
15VV1A0212	R13204	Engineering Chemistry	26	50	3
15VV1A0212	R13205	Computer Programming	28	53	3
15VV1A0212	R13210	Engineering Mechanics	25	42	3
15VV1A0212	R13212	Electrica Circuit Analysis-I	27	48	3
15VV1A0212	R13213	English Communication Skills Lab-1	21	46	2
15VV1A0212	R13217	Engineering Chemistry Laboratory	24	47	2
15VV1A0212	R13218	C Programming Lab	24	47	2
15VV1A0213	R13201	English-II	21	38	3
15VV1A0213	R13202	Mathematics-III	19	36	3
15VV1A0213	R13204	Engineering Chemistry	19	48	3
15VV1A0213	R13205	Computer Programming	24	47	3
15VV1A0213	R13210	Engineering Mechanics	14	26	3
15VV1A0213	R13212	Electrica Circuit Analysis-I	16	27	3
15VV1A0213	R13213	English Communication Skills Lab-1	22	41	2
15VV1A0213	R13217	Engineering Chemistry Laboratory	24	45	2
15VV1A0213	R13218	C Programming Lab	20	41	2
15VV1A0214	R13201	English-II	23	49	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0214	R13202	Mathematics-III	28	45	3
15VV1A0214	R13204	Engineering Chemistry	27	41	3
15VV1A0214	R13205	Computer Programming	25	33	3
15VV1A0214	R13210	Engineering Mechanics	23	45	3
15VV1A0214	R13212	Electrica Circuit Analysis-I	23	45	3
15VV1A0214	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0214	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0214	R13218	C Programming Lab	20	43	2
15VV1A0216	R13201	English-II	24	41	3
15VV1A0216	R13202	Mathematics-III	27	57	3
15VV1A0216	R13204	Engineering Chemistry	24	52	3
15VV1A0216	R13205	Computer Programming	28	50	3
15VV1A0216	R13210	Engineering Mechanics	23	44	3
15VV1A0216	R13212	Electrica Circuit Analysis-I	22	44	3
15VV1A0216	R13213	English Communication Skills Lab-1	22	40	2
15VV1A0216	R13217	Engineering Chemistry Laboratory	23	46	2
15VV1A0216	R13218	C Programming Lab	23	38	2
15VV1A0217	R13201	English-II	19	36	3
15VV1A0217	R13202	Mathematics-III	25	38	3
15VV1A0217	R13204	Engineering Chemistry	14	38	3
15VV1A0217	R13205	Computer Programming	15	4	0
15VV1A0217	R13210	Engineering Mechanics	19	24	3
15VV1A0217	R13212	Electrica Circuit Analysis-I	19	30	3
15VV1A0217	R13213	English Communication Skills Lab-1	20	41	2
15VV1A0217	R13217	Engineering Chemistry Laboratory	23	46	2
15VV1A0217	R13218	C Programming Lab	18	31	2
15VV1A0218	R13201	English-II	23	39	3
15VV1A0218	R13202	Mathematics-III	24	46	3
15VV1A0218	R13204	Engineering Chemistry	23	50	3
15VV1A0218	R13205	Computer Programming	26	51	3
15VV1A0218	R13210	Engineering Mechanics	23	40	3
15VV1A0218	R13212	Electrica Circuit Analysis-I	21	35	3
15VV1A0218	R13213	English Communication Skills Lab-1	22	41	2
15VV1A0218	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0218	R13218	C Programming Lab	23	41	2
15VV1A0219	R13201	English-II	21	37	3
15VV1A0219	R13202	Mathematics-III	22	50	3
15VV1A0219	R13204	Engineering Chemistry	22	44	3
15VV1A0219	R13205	Computer Programming	25	35	3
15VV1A0219	R13210	Engineering Mechanics	26	33	3
15VV1A0219	R13212	Electrica Circuit Analysis-I	23	42	3
15VV1A0219	R13213	English Communication Skills Lab-1	21	44	2
15VV1A0219	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0219	R13218	C Programming Lab	22	46	2
15VV1A0220	R13201	English-II	19	38	3
15VV1A0220	R13202	Mathematics-III	29	39	3
15VV1A0220	R13204	Engineering Chemistry	15	39	3
15VV1A0220	R13205	Computer Programming	15	25	3
15VV1A0220	R13210	Engineering Mechanics	17	24	3
15VV1A0220	R13212	Electrica Circuit Analysis-I	23	25	3
15VV1A0220	R13213	English Communication Skills Lab-1	22	44	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0220	R13217	Engineering Chemistry Laboratory	24	50	2
15VV1A0220	R13218	C Programming Lab	18	45	2
15VV1A0221	R13201	English-II	22	45	3
15VV1A0221	R13202	Mathematics-III	27	29	3
15VV1A0221	R13204	Engineering Chemistry	21	40	3
15VV1A0221	R13205	Computer Programming	23	44	3
15VV1A0221	R13210	Engineering Mechanics	18	24	3
15VV1A0221	R13212	Electrica Circuit Analysis-I	26	47	3
15VV1A0221	R13213	English Communication Skills Lab-1	22	40	2
15VV1A0221	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0221	R13218	C Programming Lab	22	44	2
15VV1A0222	R13201	English-II	24	47	3
15VV1A0222	R13202	Mathematics-III	27	45	3
15VV1A0222	R13204	Engineering Chemistry	25	52	3
15VV1A0222	R13205	Computer Programming	24	33	3
15VV1A0222	R13210	Engineering Mechanics	18	27	3
15VV1A0222	R13212	Electrica Circuit Analysis-I	18	38	3
15VV1A0222	R13213	English Communication Skills Lab-1	21	43	2
15VV1A0222	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0222	R13218	C Programming Lab	23	41	2
15VV1A0223	R13201	English-II	20	46	3
15VV1A0223	R13202	Mathematics-III	24	30	3
15VV1A0223	R13204	Engineering Chemistry	23	48	3
15VV1A0223	R13205	Computer Programming	18	40	3
15VV1A0223	R13210	Engineering Mechanics	17	14	0
15VV1A0223	R13212	Electrica Circuit Analysis-I	15	36	3
15VV1A0223	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0223	R13217	Engineering Chemistry Laboratory	23	46	2
15VV1A0223	R13218	C Programming Lab	18	23	2
15VV1A0224	R13201	English-II	22	38	3
15VV1A0224	R13202	Mathematics-III	25	57	3
15VV1A0224	R13204	Engineering Chemistry	22	46	3
15VV1A0224	R13205	Computer Programming	21	35	3
15VV1A0224	R13210	Engineering Mechanics	16	42	3
15VV1A0224	R13212	Electrica Circuit Analysis-I	22	39	3
15VV1A0224	R13213	English Communication Skills Lab-1	21	37	2
15VV1A0224	R13217	Engineering Chemistry Laboratory	24	48	2
15VV1A0224	R13218	C Programming Lab	18	36	2
15VV1A0225	R13201	English-II	22	42	3
15VV1A0225	R13202	Mathematics-III	21	43	3
15VV1A0225	R13204	Engineering Chemistry	17	45	3
15VV1A0225	R13205	Computer Programming	13	31	3
15VV1A0225	R13210	Engineering Mechanics	18	15	0
15VV1A0225	R13212	Electrica Circuit Analysis-I	13	17	0
15VV1A0225	R13213	English Communication Skills Lab-1	20	41	2
15VV1A0225	R13217	Engineering Chemistry Laboratory	24	46	2
15VV1A0225	R13218	C Programming Lab	18	23	2
15VV1A0227	R13201	English-II	20	40	3
15VV1A0227	R13202	Mathematics-III	21	48	3
15VV1A0227	R13204	Engineering Chemistry	15	39	3
15VV1A0227	R13205	Computer Programming	23	29	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0227	R13210	Engineering Mechanics	18	33	3
15VV1A0227	R13212	Electrica Circuit Analysis-I	16	35	3
15VV1A0227	R13213	English Communication Skills Lab-1	22	43	2
15VV1A0227	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0227	R13218	C Programming Lab	20	40	2
15VV1A0228	R13201	English-II	14	26	3
15VV1A0228	R13202	Mathematics-III	20	26	3
15VV1A0228	R13204	Engineering Chemistry	19	32	3
15VV1A0228	R13205	Computer Programming	16	14	0
15VV1A0228	R13210	Engineering Mechanics	14	14	0
15VV1A0228	R13212	Electrica Circuit Analysis-I	17	25	3
15VV1A0228	R13213	English Communication Skills Lab-1	21	35	2
15VV1A0228	R13217	Engineering Chemistry Laboratory	20	46	2
15VV1A0228	R13218	C Programming Lab	18	21	2
15VV1A0229	R13201	English-II	21	50	3
15VV1A0229	R13202	Mathematics-III	28	33	3
15VV1A0229	R13204	Engineering Chemistry	24	40	3
15VV1A0229	R13205	Computer Programming	25	35	3
15VV1A0229	R13210	Engineering Mechanics	22	27	3
15VV1A0229	R13212	Electrica Circuit Analysis-I	25	26	3
15VV1A0229	R13213	English Communication Skills Lab-1	20	45	2
15VV1A0229	R13217	Engineering Chemistry Laboratory	22	50	2
15VV1A0229	R13218	C Programming Lab	25	48	2
15VV1A0230	R13201	English-II	21	35	3
15VV1A0230	R13202	Mathematics-III	3	-1	0
15VV1A0230	R13204	Engineering Chemistry	5	36	3
15VV1A0230	R13205	Computer Programming	17	0	0
15VV1A0230	R13210	Engineering Mechanics	15	33	3
15VV1A0230	R13212	Electrica Circuit Analysis-I	17	8	0
15VV1A0230	R13213	English Communication Skills Lab-1	20	45	2
15VV1A0230	R13217	Engineering Chemistry Laboratory	20	43	2
15VV1A0230	R13218	C Programming Lab	18	18	2
15VV1A0231	R13201	English-II	23	53	3
15VV1A0231	R13202	Mathematics-III	27	51	3
15VV1A0231	R13204	Engineering Chemistry	25	51	3
15VV1A0231	R13205	Computer Programming	26	36	3
15VV1A0231	R13210	Engineering Mechanics	21	27	3
15VV1A0231	R13212	Electrica Circuit Analysis-I	19	50	3
15VV1A0231	R13213	English Communication Skills Lab-1	23	40	2
15VV1A0231	R13217	Engineering Chemistry Laboratory	21	45	2
15VV1A0231	R13218	C Programming Lab	21	38	2
15VV1A0232	R13201	English-II	22	39	3
15VV1A0232	R13202	Mathematics-III	25	45	3
15VV1A0232	R13204	Engineering Chemistry	19	57	3
15VV1A0232	R13205	Computer Programming	17	28	3
15VV1A0232	R13210	Engineering Mechanics	18	24	3
15VV1A0232	R13212	Electrica Circuit Analysis-I	17	42	3
15VV1A0232	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0232	R13217	Engineering Chemistry Laboratory	24	47	2
15VV1A0232	R13218	C Programming Lab	19	23	2
15VV1A0233	R13201	English-II	24	42	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0233	R13202	Mathematics-III	26	46	3
15VV1A0233	R13204	Engineering Chemistry	22	49	3
15VV1A0233	R13205	Computer Programming	26	35	3
15VV1A0233	R13210	Engineering Mechanics	19	27	3
15VV1A0233	R13212	Electrica Circuit Analysis-I	17	39	3
15VV1A0233	R13213	English Communication Skills Lab-1	22	45	2
15VV1A0233	R13217	Engineering Chemistry Laboratory	24	48	2
15VV1A0233	R13218	C Programming Lab	19	22	2
15VV1A0234	R13201	English-II	19	41	3
15VV1A0234	R13202	Mathematics-III	22	30	3
15VV1A0234	R13204	Engineering Chemistry	20	44	3
15VV1A0234	R13205	Computer Programming	16	24	3
15VV1A0234	R13210	Engineering Mechanics	21	36	3
15VV1A0234	R13212	Electrica Circuit Analysis-I	16	24	3
15VV1A0234	R13213	English Communication Skills Lab-1	20	39	2
15VV1A0234	R13217	Engineering Chemistry Laboratory	21	45	2
15VV1A0234	R13218	C Programming Lab	18	32	2
15VV1A0235	R13201	English-II	22	39	3
15VV1A0235	R13202	Mathematics-III	26	55	3
15VV1A0235	R13204	Engineering Chemistry	23	52	3
15VV1A0235	R13205	Computer Programming	26	43	3
15VV1A0235	R13210	Engineering Mechanics	24	35	3
15VV1A0235	R13212	Electrica Circuit Analysis-I	20	33	3
15VV1A0235	R13213	English Communication Skills Lab-1	21	41	2
15VV1A0235	R13217	Engineering Chemistry Laboratory	21	45	2
15VV1A0235	R13218	C Programming Lab	18	22	2
15VV1A0236	R13201	English-II	24	42	3
15VV1A0236	R13202	Mathematics-III	26	38	3
15VV1A0236	R13204	Engineering Chemistry	22	53	3
15VV1A0236	R13205	Computer Programming	25	54	3
15VV1A0236	R13210	Engineering Mechanics	23	27	3
15VV1A0236	R13212	Electrica Circuit Analysis-I	22	40	3
15VV1A0236	R13213	English Communication Skills Lab-1	23	46	2
15VV1A0236	R13217	Engineering Chemistry Laboratory	22	45	2
15VV1A0236	R13218	C Programming Lab	24	46	2
15VV1A0237	R13201	English-II	18	40	3
15VV1A0237	R13202	Mathematics-III	23	32	3
15VV1A0237	R13204	Engineering Chemistry	23	50	3
15VV1A0237	R13205	Computer Programming	17	40	3
15VV1A0237	R13210	Engineering Mechanics	18	24	3
15VV1A0237	R13212	Electrica Circuit Analysis-I	13	29	3
15VV1A0237	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0237	R13217	Engineering Chemistry Laboratory	23	46	2
15VV1A0237	R13218	C Programming Lab	18	22	2
15VV1A0238	R13201	English-II	22	53	3
15VV1A0238	R13202	Mathematics-III	19	37	3
15VV1A0238	R13204	Engineering Chemistry	18	53	3
15VV1A0238	R13205	Computer Programming	16	27	3
15VV1A0238	R13210	Engineering Mechanics	20	25	3
15VV1A0238	R13212	Electrica Circuit Analysis-I	15	38	3
15VV1A0238	R13213	English Communication Skills Lab-1	21	45	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0238	R13217	Engineering Chemistry Laboratory	22	45	2
15VV1A0238	R13218	C Programming Lab	22	44	2
15VV1A0239	R13201	English-II	22	47	3
15VV1A0239	R13202	Mathematics-III	22	38	3
15VV1A0239	R13204	Engineering Chemistry	15	56	3
15VV1A0239	R13205	Computer Programming	20	46	3
15VV1A0239	R13210	Engineering Mechanics	20	33	3
15VV1A0239	R13212	Electrica Circuit Analysis-I	19	38	3
15VV1A0239	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0239	R13217	Engineering Chemistry Laboratory	23	45	2
15VV1A0239	R13218	C Programming Lab	18	41	2
15VV1A0240	R13201	English-II	24	38	3
15VV1A0240	R13202	Mathematics-III	20	8	0
15VV1A0240	R13204	Engineering Chemistry	17	47	3
15VV1A0240	R13205	Computer Programming	17	27	3
15VV1A0240	R13210	Engineering Mechanics	17	34	3
15VV1A0240	R13212	Electrica Circuit Analysis-I	15	26	3
15VV1A0240	R13213	English Communication Skills Lab-1	22	38	2
15VV1A0240	R13217	Engineering Chemistry Laboratory	23	46	2
15VV1A0240	R13218	C Programming Lab	18	20	2
15VV1A0241	R13201	English-II	23	53	3
15VV1A0241	R13202	Mathematics-III	27	29	3
15VV1A0241	R13204	Engineering Chemistry	21	42	3
15VV1A0241	R13205	Computer Programming	14	28	3
15VV1A0241	R13210	Engineering Mechanics	21	17	0
15VV1A0241	R13212	Electrica Circuit Analysis-I	17	26	3
15VV1A0241	R13213	English Communication Skills Lab-1	22	43	2
15VV1A0241	R13217	Engineering Chemistry Laboratory	22	43	2
15VV1A0241	R13218	C Programming Lab	18	22	2
15VV1A0242	R13201	English-II	22	44	3
15VV1A0242	R13202	Mathematics-III	19	37	3
15VV1A0242	R13204	Engineering Chemistry	15	41	3
15VV1A0242	R13205	Computer Programming	12	18	0
15VV1A0242	R13210	Engineering Mechanics	19	30	3
15VV1A0242	R13212	Electrica Circuit Analysis-I	12	28	3
15VV1A0242	R13213	English Communication Skills Lab-1	22	24	2
15VV1A0242	R13217	Engineering Chemistry Laboratory	22	45	2
15VV1A0242	R13218	C Programming Lab	18	22	2
15VV1A0243	R13201	English-II	21	40	3
15VV1A0243	R13202	Mathematics-III	24	35	3
15VV1A0243	R13204	Engineering Chemistry	22	43	3
15VV1A0243	R13205	Computer Programming	17	26	3
15VV1A0243	R13210	Engineering Mechanics	18	31	3
15VV1A0243	R13212	Electrica Circuit Analysis-I	18	30	3
15VV1A0243	R13213	English Communication Skills Lab-1	22	39	2
15VV1A0243	R13217	Engineering Chemistry Laboratory	24	48	2
15VV1A0243	R13218	C Programming Lab	18	21	2
15VV1A0244	R13201	English-II	27	43	3
15VV1A0244	R13202	Mathematics-III	29	52	3
15VV1A0244	R13204	Engineering Chemistry	25	55	3
15VV1A0244	R13205	Computer Programming	29	41	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0244	R13210	Engineering Mechanics	25	57	3
15VV1A0244	R13212	Electrica Circuit Analysis-I	23	47	3
15VV1A0244	R13213	English Communication Skills Lab-1	23	47	2
15VV1A0244	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0244	R13218	C Programming Lab	25	47	2
15VV1A0245	R13201	English-II	19	31	3
15VV1A0245	R13202	Mathematics-III	21	27	3
15VV1A0245	R13204	Engineering Chemistry	18	43	3
15VV1A0245	R13205	Computer Programming	18	27	3
15VV1A0245	R13210	Engineering Mechanics	18	24	3
15VV1A0245	R13212	Electrica Circuit Analysis-I	17	30	3
15VV1A0245	R13213	English Communication Skills Lab-1	19	47	2
15VV1A0245	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0245	R13218	C Programming Lab	18	45	2
15VV1A0246	R13201	English-II	21	46	3
15VV1A0246	R13202	Mathematics-III	25	42	3
15VV1A0246	R13204	Engineering Chemistry	24	54	3
15VV1A0246	R13205	Computer Programming	24	37	3
15VV1A0246	R13210	Engineering Mechanics	23	34	3
15VV1A0246	R13212	Electrica Circuit Analysis-I	20	32	3
15VV1A0246	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0246	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0246	R13218	C Programming Lab	23	46	2
15VV1A0247	R13201	English-II	24	39	3
15VV1A0247	R13202	Mathematics-III	25	48	3
15VV1A0247	R13204	Engineering Chemistry	24	40	3
15VV1A0247	R13205	Computer Programming	26	40	3
15VV1A0247	R13210	Engineering Mechanics	24	24	3
15VV1A0247	R13212	Electrica Circuit Analysis-I	20	30	3
15VV1A0247	R13213	English Communication Skills Lab-1	22	47	2
15VV1A0247	R13217	Engineering Chemistry Laboratory	24	49	2
15VV1A0247	R13218	C Programming Lab	18	45	2
15VV1A0248	R13201	English-II	19	45	3
15VV1A0248	R13202	Mathematics-III	22	17	0
15VV1A0248	R13204	Engineering Chemistry	17	38	3
15VV1A0248	R13205	Computer Programming	24	24	3
15VV1A0248	R13210	Engineering Mechanics	14	8	0
15VV1A0248	R13212	Electrica Circuit Analysis-I	14	7	0
15VV1A0248	R13213	English Communication Skills Lab-1	20	39	2
15VV1A0248	R13217	Engineering Chemistry Laboratory	22	46	2
15VV1A0248	R13218	C Programming Lab	18	41	2
15VV1A0249	R13201	English-II	22	37	3
15VV1A0249	R13202	Mathematics-III	23	26	3
15VV1A0249	R13204	Engineering Chemistry	22	43	3
15VV1A0249	R13205	Computer Programming	20	28	3
15VV1A0249	R13210	Engineering Mechanics	17	28	3
15VV1A0249	R13212	Electrica Circuit Analysis-I	21	27	3
15VV1A0249	R13213	English Communication Skills Lab-1	21	38	2
15VV1A0249	R13217	Engineering Chemistry Laboratory	24	49	2
15VV1A0249	R13218	C Programming Lab	18	24	2
15VV1A0250	R13201	English-II	17	38	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0250	R13202	Mathematics-III	16	28	3
15VV1A0250	R13204	Engineering Chemistry	16	35	3
15VV1A0250	R13205	Computer Programming	21	24	3
15VV1A0250	R13210	Engineering Mechanics	22	24	3
15VV1A0250	R13212	Electrica Circuit Analysis-I	15	18	0
15VV1A0250	R13213	English Communication Skills Lab-1	21	39	2
15VV1A0250	R13217	Engineering Chemistry Laboratory	24	49	2
15VV1A0250	R13218	C Programming Lab	19	21	2
15VV1A0301	R13201	English-II	18	41	3
15VV1A0301	R13202	Mathematics-III	13	35	3
15VV1A0301	R13203	Engineering Physics	15	34	3
15VV1A0301	R13207	Mathematics-II (Mathematical Methods)	13	29	3
15VV1A0301	R13208	Professional Ethics and Human Values	17	37	3
15VV1A0301	R13209	Engineering Drawing	26	44	3
15VV1A0301	R13213	English Communication Skills Lab-1	19	33	2
15VV1A0301	R13214	Engineering Physics Laboratory	20	28	2
15VV1A0301	R13216	Engineering Workshop & IT Workshop	21	43	2
15VV1A0302	R13201	English-II	14	49	3
15VV1A0302	R13202	Mathematics-III	8	21	0
15VV1A0302	R13203	Engineering Physics	10	32	3
15VV1A0302	R13207	Mathematics-II (Mathematical Methods)	13	7	0
15VV1A0302	R13208	Professional Ethics and Human Values	19	34	3
15VV1A0302	R13209	Engineering Drawing	21	26	3
15VV1A0302	R13213	English Communication Skills Lab-1	21	32	2
15VV1A0302	R13214	Engineering Physics Laboratory	17	29	2
15VV1A0302	R13216	Engineering Workshop & IT Workshop	20	42	2
15VV1A0303	R13201	English-II	22	52	3
15VV1A0303	R13202	Mathematics-III	21	70	3
15VV1A0303	R13203	Engineering Physics	30	56	3
15VV1A0303	R13207	Mathematics-II (Mathematical Methods)	25	56	3
15VV1A0303	R13208	Professional Ethics and Human Values	26	39	3
15VV1A0303	R13209	Engineering Drawing	28	48	3
15VV1A0303	R13213	English Communication Skills Lab-1	21	37	2
15VV1A0303	R13214	Engineering Physics Laboratory	22	37	2
15VV1A0303	R13216	Engineering Workshop & IT Workshop	23	41	2
15VV1A0304	R13201	English-II	20	50	3
15VV1A0304	R13202	Mathematics-III	21	55	3
15VV1A0304	R13203	Engineering Physics	24	52	3
15VV1A0304	R13207	Mathematics-II (Mathematical Methods)	24	56	3
15VV1A0304	R13208	Professional Ethics and Human Values	24	42	3
15VV1A0304	R13209	Engineering Drawing	29	54	3
15VV1A0304	R13213	English Communication Skills Lab-1	20	38	2
15VV1A0304	R13214	Engineering Physics Laboratory	21	35	2
15VV1A0304	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0305	R13201	English-II	21	45	3
15VV1A0305	R13202	Mathematics-III	21	65	3
15VV1A0305	R13203	Engineering Physics	30	59	3
15VV1A0305	R13207	Mathematics-II (Mathematical Methods)	27	47	3
15VV1A0305	R13208	Professional Ethics and Human Values	24	37	3
15VV1A0305	R13209	Engineering Drawing	27	54	3
15VV1A0305	R13213	English Communication Skills Lab-1	19	38	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0305	R13214	Engineering Physics Laboratory	21	43	2
15VV1A0305	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0306	R13201	English-II	12	39	3
15VV1A0306	R13202	Mathematics-III	8	0	0
15VV1A0306	R13203	Engineering Physics	19	0	0
15VV1A0306	R13207	Mathematics-II (Mathematical Methods)	13	0	0
15VV1A0306	R13208	Professional Ethics and Human Values	21	35	3
15VV1A0306	R13209	Engineering Drawing	0	4	0
15VV1A0306	R13213	English Communication Skills Lab-1	18	34	2
15VV1A0306	R13214	Engineering Physics Laboratory	15	26	2
15VV1A0306	R13216	Engineering Workshop & IT Workshop	2	37	2
15VV1A0307	R13201	English-II	23	51	3
15VV1A0307	R13202	Mathematics-III	18	44	3
15VV1A0307	R13203	Engineering Physics	21	48	3
15VV1A0307	R13207	Mathematics-II (Mathematical Methods)	20	36	3
15VV1A0307	R13208	Professional Ethics and Human Values	27	37	3
15VV1A0307	R13209	Engineering Drawing	27	54	3
15VV1A0307	R13213	English Communication Skills Lab-1	22	43	2
15VV1A0307	R13214	Engineering Physics Laboratory	23	40	2
15VV1A0307	R13216	Engineering Workshop & IT Workshop	19	46	2
15VV1A0308	R13201	English-II	19	50	3
15VV1A0308	R13202	Mathematics-III	15	25	3
15VV1A0308	R13203	Engineering Physics	22	42	3
15VV1A0308	R13207	Mathematics-II (Mathematical Methods)	17	33	3
15VV1A0308	R13208	Professional Ethics and Human Values	27	41	3
15VV1A0308	R13209	Engineering Drawing	26	34	3
15VV1A0308	R13213	English Communication Skills Lab-1	22	38	2
15VV1A0308	R13214	Engineering Physics Laboratory	24	38	2
15VV1A0308	R13216	Engineering Workshop & IT Workshop	20	45	2
15VV1A0309	R13201	English-II	21	49	3
15VV1A0309	R13202	Mathematics-III	17	52	3
15VV1A0309	R13203	Engineering Physics	23	43	3
15VV1A0309	R13207	Mathematics-II (Mathematical Methods)	20	30	3
15VV1A0309	R13208	Professional Ethics and Human Values	27	34	3
15VV1A0309	R13209	Engineering Drawing	27	30	3
15VV1A0309	R13213	English Communication Skills Lab-1	20	39	2
15VV1A0309	R13214	Engineering Physics Laboratory	21	42	2
15VV1A0309	R13216	Engineering Workshop & IT Workshop	21	41	2
15VV1A0310	R13201	English-II	23	46	3
15VV1A0310	R13202	Mathematics-III	21	58	3
15VV1A0310	R13203	Engineering Physics	28	57	3
15VV1A0310	R13207	Mathematics-II (Mathematical Methods)	25	56	3
15VV1A0310	R13208	Professional Ethics and Human Values	27	39	3
15VV1A0310	R13209	Engineering Drawing	29	52	3
15VV1A0310	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0310	R13214	Engineering Physics Laboratory	24	46	2
15VV1A0310	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0311	R13201	English-II	24	49	3
15VV1A0311	R13202	Mathematics-III	18	47	3
15VV1A0311	R13203	Engineering Physics	22	33	3
15VV1A0311	R13207	Mathematics-II (Mathematical Methods)	19	45	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0311	R13208	Professional Ethics and Human Values	26	39	3
15VV1A0311	R13209	Engineering Drawing	28	46	3
15VV1A0311	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0311	R13214	Engineering Physics Laboratory	22	38	2
15VV1A0311	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0312	R13201	English-II	21	51	3
15VV1A0312	R13202	Mathematics-III	24	67	3
15VV1A0312	R13203	Engineering Physics	25	32	3
15VV1A0312	R13207	Mathematics-II (Mathematical Methods)	19	49	3
15VV1A0312	R13208	Professional Ethics and Human Values	25	34	3
15VV1A0312	R13209	Engineering Drawing	29	44	3
15VV1A0312	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0312	R13214	Engineering Physics Laboratory	22	30	2
15VV1A0312	R13216	Engineering Workshop & IT Workshop	21	47	2
15VV1A0313	R13201	English-II	22	48	3
15VV1A0313	R13202	Mathematics-III	18	53	3
15VV1A0313	R13203	Engineering Physics	24	53	3
15VV1A0313	R13207	Mathematics-II (Mathematical Methods)	19	44	3
15VV1A0313	R13208	Professional Ethics and Human Values	22	40	3
15VV1A0313	R13209	Engineering Drawing	28	54	3
15VV1A0313	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0313	R13214	Engineering Physics Laboratory	23	35	2
15VV1A0313	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0314	R13201	English-II	23	43	3
15VV1A0314	R13202	Mathematics-III	20	51	3
15VV1A0314	R13203	Engineering Physics	26	53	3
15VV1A0314	R13207	Mathematics-II (Mathematical Methods)	22	45	3
15VV1A0314	R13208	Professional Ethics and Human Values	27	39	3
15VV1A0314	R13209	Engineering Drawing	27	36	3
15VV1A0314	R13213	English Communication Skills Lab-1	23	42	2
15VV1A0314	R13214	Engineering Physics Laboratory	20	28	2
15VV1A0314	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0315	R13201	English-II	10	39	3
15VV1A0315	R13202	Mathematics-III	7	13	0
15VV1A0315	R13203	Engineering Physics	18	0	0
15VV1A0315	R13207	Mathematics-II (Mathematical Methods)	11	12	0
15VV1A0315	R13208	Professional Ethics and Human Values	15	30	3
15VV1A0315	R13209	Engineering Drawing	21	36	3
15VV1A0315	R13213	English Communication Skills Lab-1	19	36	2
15VV1A0315	R13214	Engineering Physics Laboratory	15	30	2
15VV1A0315	R13216	Engineering Workshop & IT Workshop	19	42	2
15VV1A0316	R13201	English-II	22	55	3
15VV1A0316	R13202	Mathematics-III	17	49	3
15VV1A0316	R13203	Engineering Physics	22	33	3
15VV1A0316	R13207	Mathematics-II (Mathematical Methods)	21	38	3
15VV1A0316	R13208	Professional Ethics and Human Values	24	40	3
15VV1A0316	R13209	Engineering Drawing	28	54	3
15VV1A0316	R13213	English Communication Skills Lab-1	22	43	2
15VV1A0316	R13214	Engineering Physics Laboratory	20	33	2
15VV1A0316	R13216	Engineering Workshop & IT Workshop	21	46	2
15VV1A0317	R13201	English-II	24	55	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0317	R13202	Mathematics-III	24	58	3
15VV1A0317	R13203	Engineering Physics	28	64	3
15VV1A0317	R13207	Mathematics-II (Mathematical Methods)	16	54	3
15VV1A0317	R13208	Professional Ethics and Human Values	25	40	3
15VV1A0317	R13209	Engineering Drawing	28	54	3
15VV1A0317	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0317	R13214	Engineering Physics Laboratory	24	43	2
15VV1A0317	R13216	Engineering Workshop & IT Workshop	22	43	2
15VV1A0319	R13201	English-II	19	50	3
15VV1A0319	R13202	Mathematics-III	19	58	3
15VV1A0319	R13203	Engineering Physics	26	55	3
15VV1A0319	R13207	Mathematics-II (Mathematical Methods)	21	45	3
15VV1A0319	R13208	Professional Ethics and Human Values	23	39	3
15VV1A0319	R13209	Engineering Drawing	26	48	3
15VV1A0319	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0319	R13214	Engineering Physics Laboratory	21	35	2
15VV1A0319	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0320	R13201	English-II	18	49	3
15VV1A0320	R13202	Mathematics-III	12	50	3
15VV1A0320	R13203	Engineering Physics	16	48	3
15VV1A0320	R13207	Mathematics-II (Mathematical Methods)	18	38	3
15VV1A0320	R13208	Professional Ethics and Human Values	18	36	3
15VV1A0320	R13209	Engineering Drawing	28	52	3
15VV1A0320	R13213	English Communication Skills Lab-1	23	40	2
15VV1A0320	R13214	Engineering Physics Laboratory	19	32	2
15VV1A0320	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0321	R13201	English-II	19	43	3
15VV1A0321	R13202	Mathematics-III	18	38	3
15VV1A0321	R13203	Engineering Physics	19	36	3
15VV1A0321	R13207	Mathematics-II (Mathematical Methods)	18	41	3
15VV1A0321	R13208	Professional Ethics and Human Values	24	31	3
15VV1A0321	R13209	Engineering Drawing	28	46	3
15VV1A0321	R13213	English Communication Skills Lab-1	21	39	2
15VV1A0321	R13214	Engineering Physics Laboratory	17	35	2
15VV1A0321	R13216	Engineering Workshop & IT Workshop	21	43	2
15VV1A0322	R13201	English-II	19	47	3
15VV1A0322	R13202	Mathematics-III	17	44	3
15VV1A0322	R13203	Engineering Physics	20	32	3
15VV1A0322	R13207	Mathematics-II (Mathematical Methods)	20	44	3
15VV1A0322	R13208	Professional Ethics and Human Values	20	33	3
15VV1A0322	R13209	Engineering Drawing	26	38	3
15VV1A0322	R13213	English Communication Skills Lab-1	17	43	2
15VV1A0322	R13214	Engineering Physics Laboratory	15	33	2
15VV1A0322	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0323	R13201	English-II	23	46	3
15VV1A0323	R13202	Mathematics-III	18	48	3
15VV1A0323	R13203	Engineering Physics	29	48	3
15VV1A0323	R13207	Mathematics-II (Mathematical Methods)	20	32	3
15VV1A0323	R13208	Professional Ethics and Human Values	28	36	3
15VV1A0323	R13209	Engineering Drawing	24	38	3
15VV1A0323	R13213	English Communication Skills Lab-1	21	42	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0323	R13214	Engineering Physics Laboratory	19	39	2
15VV1A0323	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0324	R13201	English-II	24	48	3
15VV1A0324	R13202	Mathematics-III	23	67	3
15VV1A0324	R13203	Engineering Physics	28	44	3
15VV1A0324	R13207	Mathematics-II (Mathematical Methods)	25	52	3
15VV1A0324	R13208	Professional Ethics and Human Values	25	36	3
15VV1A0324	R13209	Engineering Drawing	28	52	3
15VV1A0324	R13213	English Communication Skills Lab-1	21	35	2
15VV1A0324	R13214	Engineering Physics Laboratory	21	42	2
15VV1A0324	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0325	R13201	English-II	18	53	3
15VV1A0325	R13202	Mathematics-III	21	62	3
15VV1A0325	R13203	Engineering Physics	30	62	3
15VV1A0325	R13207	Mathematics-II (Mathematical Methods)	23	45	3
15VV1A0325	R13208	Professional Ethics and Human Values	25	36	3
15VV1A0325	R13209	Engineering Drawing	27	44	3
15VV1A0325	R13213	English Communication Skills Lab-1	19	39	2
15VV1A0325	R13214	Engineering Physics Laboratory	22	44	2
15VV1A0325	R13216	Engineering Workshop & IT Workshop	20	44	2
15VV1A0326	R13201	English-II	23	45	3
15VV1A0326	R13202	Mathematics-III	15	56	3
15VV1A0326	R13203	Engineering Physics	24	54	3
15VV1A0326	R13207	Mathematics-II (Mathematical Methods)	21	30	3
15VV1A0326	R13208	Professional Ethics and Human Values	25	39	3
15VV1A0326	R13209	Engineering Drawing	27	40	3
15VV1A0326	R13213	English Communication Skills Lab-1	22	44	2
15VV1A0326	R13214	Engineering Physics Laboratory	21	39	2
15VV1A0326	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0327	R13201	English-II	21	53	3
15VV1A0327	R13202	Mathematics-III	18	60	3
15VV1A0327	R13203	Engineering Physics	25	56	3
15VV1A0327	R13207	Mathematics-II (Mathematical Methods)	23	42	3
15VV1A0327	R13208	Professional Ethics and Human Values	23	37	3
15VV1A0327	R13209	Engineering Drawing	24	56	3
15VV1A0327	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0327	R13214	Engineering Physics Laboratory	23	43	2
15VV1A0327	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0329	R13201	English-II	24	50	3
15VV1A0329	R13202	Mathematics-III	19	61	3
15VV1A0329	R13203	Engineering Physics	22	63	3
15VV1A0329	R13207	Mathematics-II (Mathematical Methods)	20	40	3
15VV1A0329	R13208	Professional Ethics and Human Values	21	38	3
15VV1A0329	R13209	Engineering Drawing	29	46	3
15VV1A0329	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0329	R13214	Engineering Physics Laboratory	25	44	2
15VV1A0329	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0330	R13201	English-II	25	49	3
15VV1A0330	R13202	Mathematics-III	23	49	3
15VV1A0330	R13203	Engineering Physics	27	36	3
15VV1A0330	R13207	Mathematics-II (Mathematical Methods)	24	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0330	R13208	Professional Ethics and Human Values	25	39	3
15VV1A0330	R13209	Engineering Drawing	28	44	3
15VV1A0330	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0330	R13214	Engineering Physics Laboratory	21	42	2
15VV1A0330	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0331	R13201	English-II	23	44	3
15VV1A0331	R13202	Mathematics-III	22	57	3
15VV1A0331	R13203	Engineering Physics	24	24	3
15VV1A0331	R13207	Mathematics-II (Mathematical Methods)	23	47	3
15VV1A0331	R13208	Professional Ethics and Human Values	26	38	3
15VV1A0331	R13209	Engineering Drawing	23	61	3
15VV1A0331	R13213	English Communication Skills Lab-1	18	43	2
15VV1A0331	R13214	Engineering Physics Laboratory	22	39	2
15VV1A0331	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0332	R13201	English-II	21	53	3
15VV1A0332	R13202	Mathematics-III	22	55	3
15VV1A0332	R13203	Engineering Physics	28	49	3
15VV1A0332	R13207	Mathematics-II (Mathematical Methods)	21	46	3
15VV1A0332	R13208	Professional Ethics and Human Values	28	41	3
15VV1A0332	R13209	Engineering Drawing	29	66	3
15VV1A0332	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0332	R13214	Engineering Physics Laboratory	24	37	2
15VV1A0332	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0333	R13201	English-II	21	51	3
15VV1A0333	R13202	Mathematics-III	17	48	3
15VV1A0333	R13203	Engineering Physics	23	67	3
15VV1A0333	R13207	Mathematics-II (Mathematical Methods)	22	37	3
15VV1A0333	R13208	Professional Ethics and Human Values	21	39	3
15VV1A0333	R13209	Engineering Drawing	26	44	3
15VV1A0333	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0333	R13214	Engineering Physics Laboratory	24	43	2
15VV1A0333	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0334	R13201	English-II	21	52	3
15VV1A0334	R13202	Mathematics-III	21	52	3
15VV1A0334	R13203	Engineering Physics	20	55	3
15VV1A0334	R13207	Mathematics-II (Mathematical Methods)	17	44	3
15VV1A0334	R13208	Professional Ethics and Human Values	25	37	3
15VV1A0334	R13209	Engineering Drawing	24	52	3
15VV1A0334	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0334	R13214	Engineering Physics Laboratory	20	41	2
15VV1A0334	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0335	R13201	English-II	19	48	3
15VV1A0335	R13202	Mathematics-III	14	51	3
15VV1A0335	R13203	Engineering Physics	22	47	3
15VV1A0335	R13207	Mathematics-II (Mathematical Methods)	16	34	3
15VV1A0335	R13208	Professional Ethics and Human Values	20	40	3
15VV1A0335	R13209	Engineering Drawing	23	54	3
15VV1A0335	R13213	English Communication Skills Lab-1	20	38	2
15VV1A0335	R13214	Engineering Physics Laboratory	22	44	2
15VV1A0335	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0336	R13201	English-II	19	46	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0336	R13202	Mathematics-III	17	42	3
15VV1A0336	R13203	Engineering Physics	17	40	3
15VV1A0336	R13207	Mathematics-II (Mathematical Methods)	16	42	3
15VV1A0336	R13208	Professional Ethics and Human Values	22	35	3
15VV1A0336	R13209	Engineering Drawing	29	66	3
15VV1A0336	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0336	R13214	Engineering Physics Laboratory	24	35	2
15VV1A0336	R13216	Engineering Workshop & IT Workshop	22	46	2
15VV1A0337	R13201	English-II	22	49	3
15VV1A0337	R13202	Mathematics-III	17	60	3
15VV1A0337	R13203	Engineering Physics	26	54	3
15VV1A0337	R13207	Mathematics-II (Mathematical Methods)	21	43	3
15VV1A0337	R13208	Professional Ethics and Human Values	16	37	3
15VV1A0337	R13209	Engineering Drawing	27	58	3
15VV1A0337	R13213	English Communication Skills Lab-1	23	44	2
15VV1A0337	R13214	Engineering Physics Laboratory	21	42	2
15VV1A0337	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0338	R13201	English-II	23	49	3
15VV1A0338	R13202	Mathematics-III	18	61	3
15VV1A0338	R13203	Engineering Physics	25	55	3
15VV1A0338	R13207	Mathematics-II (Mathematical Methods)	22	39	3
15VV1A0338	R13208	Professional Ethics and Human Values	25	35	3
15VV1A0338	R13209	Engineering Drawing	29	56	3
15VV1A0338	R13213	English Communication Skills Lab-1	19	43	2
15VV1A0338	R13214	Engineering Physics Laboratory	21	46	2
15VV1A0338	R13216	Engineering Workshop & IT Workshop	24	46	2
15VV1A0339	R13201	English-II	24	46	3
15VV1A0339	R13202	Mathematics-III	17	38	3
15VV1A0339	R13203	Engineering Physics	22	41	3
15VV1A0339	R13207	Mathematics-II (Mathematical Methods)	19	44	3
15VV1A0339	R13208	Professional Ethics and Human Values	24	40	3
15VV1A0339	R13209	Engineering Drawing	21	54	3
15VV1A0339	R13213	English Communication Skills Lab-1	21	43	2
15VV1A0339	R13214	Engineering Physics Laboratory	22	41	2
15VV1A0339	R13216	Engineering Workshop & IT Workshop	22	47	2
15VV1A0340	R13201	English-II	24	45	3
15VV1A0340	R13202	Mathematics-III	14	46	3
15VV1A0340	R13203	Engineering Physics	18	24	3
15VV1A0340	R13207	Mathematics-II (Mathematical Methods)	13	32	3
15VV1A0340	R13208	Professional Ethics and Human Values	24	32	3
15VV1A0340	R13209	Engineering Drawing	24	48	3
15VV1A0340	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0340	R13214	Engineering Physics Laboratory	18	40	2
15VV1A0340	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0341	R13201	English-II	23	45	3
15VV1A0341	R13202	Mathematics-III	16	54	3
15VV1A0341	R13203	Engineering Physics	25	41	3
15VV1A0341	R13207	Mathematics-II (Mathematical Methods)	24	42	3
15VV1A0341	R13208	Professional Ethics and Human Values	23	35	3
15VV1A0341	R13209	Engineering Drawing	25	56	3
15VV1A0341	R13213	English Communication Skills Lab-1	21	43	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0341	R13214	Engineering Physics Laboratory	19	36	2
15VV1A0341	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0342	R13201	English-II	25	42	3
15VV1A0342	R13202	Mathematics-III	18	49	3
15VV1A0342	R13203	Engineering Physics	14	28	3
15VV1A0342	R13207	Mathematics-II (Mathematical Methods)	16	34	3
15VV1A0342	R13208	Professional Ethics and Human Values	25	38	3
15VV1A0342	R13209	Engineering Drawing	27	60	3
15VV1A0342	R13213	English Communication Skills Lab-1	23	42	2
15VV1A0342	R13214	Engineering Physics Laboratory	20	34	2
15VV1A0342	R13216	Engineering Workshop & IT Workshop	21	46	2
15VV1A0343	R13201	English-II	18	37	3
15VV1A0343	R13202	Mathematics-III	12	38	3
15VV1A0343	R13203	Engineering Physics	18	27	3
15VV1A0343	R13207	Mathematics-II (Mathematical Methods)	17	27	3
15VV1A0343	R13208	Professional Ethics and Human Values	19	35	3
15VV1A0343	R13209	Engineering Drawing	21	40	3
15VV1A0343	R13213	English Communication Skills Lab-1	21	41	2
15VV1A0343	R13214	Engineering Physics Laboratory	15	37	2
15VV1A0343	R13216	Engineering Workshop & IT Workshop	20	42	2
15VV1A0344	R13201	English-II	23	49	3
15VV1A0344	R13202	Mathematics-III	17	44	3
15VV1A0344	R13203	Engineering Physics	22	57	3
15VV1A0344	R13207	Mathematics-II (Mathematical Methods)	19	26	3
15VV1A0344	R13208	Professional Ethics and Human Values	21	41	3
15VV1A0344	R13209	Engineering Drawing	26	49	3
15VV1A0344	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0344	R13214	Engineering Physics Laboratory	22	37	2
15VV1A0344	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0345	R13201	English-II	22	47	3
15VV1A0345	R13202	Mathematics-III	11	53	3
15VV1A0345	R13203	Engineering Physics	13	37	3
15VV1A0345	R13207	Mathematics-II (Mathematical Methods)	18	37	3
15VV1A0345	R13208	Professional Ethics and Human Values	23	40	3
15VV1A0345	R13209	Engineering Drawing	25	44	3
15VV1A0345	R13213	English Communication Skills Lab-1	21	46	2
15VV1A0345	R13214	Engineering Physics Laboratory	21	38	2
15VV1A0345	R13216	Engineering Workshop & IT Workshop	21	43	2
15VV1A0346	R13201	English-II	23	52	3
15VV1A0346	R13202	Mathematics-III	16	44	3
15VV1A0346	R13203	Engineering Physics	19	44	3
15VV1A0346	R13207	Mathematics-II (Mathematical Methods)	22	49	3
15VV1A0346	R13208	Professional Ethics and Human Values	20	41	3
15VV1A0346	R13209	Engineering Drawing	25	50	3
15VV1A0346	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0346	R13214	Engineering Physics Laboratory	25	39	2
15VV1A0346	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0347	R13201	English-II	22	50	3
15VV1A0347	R13202	Mathematics-III	17	40	3
15VV1A0347	R13203	Engineering Physics	19	49	3
15VV1A0347	R13207	Mathematics-II (Mathematical Methods)	20	30	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0347	R13208	Professional Ethics and Human Values	26	39	3
15VV1A0347	R13209	Engineering Drawing	25	60	3
15VV1A0347	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0347	R13214	Engineering Physics Laboratory	21	44	2
15VV1A0347	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0349	R13201	English-II	21	46	3
15VV1A0349	R13202	Mathematics-III	13	57	3
15VV1A0349	R13203	Engineering Physics	25	48	3
15VV1A0349	R13207	Mathematics-II (Mathematical Methods)	21	33	3
15VV1A0349	R13208	Professional Ethics and Human Values	19	37	3
15VV1A0349	R13209	Engineering Drawing	29	48	3
15VV1A0349	R13213	English Communication Skills Lab-1	23	41	2
15VV1A0349	R13214	Engineering Physics Laboratory	22	39	2
15VV1A0349	R13216	Engineering Workshop & IT Workshop	22	47	2
15VV1A0350	R13201	English-II	22	45	3
15VV1A0350	R13202	Mathematics-III	21	60	3
15VV1A0350	R13203	Engineering Physics	28	30	3
15VV1A0350	R13207	Mathematics-II (Mathematical Methods)	21	56	3
15VV1A0350	R13208	Professional Ethics and Human Values	25	38	3
15VV1A0350	R13209	Engineering Drawing	26	64	3
15VV1A0350	R13213	English Communication Skills Lab-1	21	43	2
15VV1A0350	R13214	Engineering Physics Laboratory	24	43	2
15VV1A0350	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0352	R13201	English-II	21	40	3
15VV1A0352	R13202	Mathematics-III	19	62	3
15VV1A0352	R13203	Engineering Physics	21	52	3
15VV1A0352	R13207	Mathematics-II (Mathematical Methods)	21	44	3
15VV1A0352	R13208	Professional Ethics and Human Values	20	39	3
15VV1A0352	R13209	Engineering Drawing	29	56	3
15VV1A0352	R13213	English Communication Skills Lab-1	20	41	2
15VV1A0352	R13214	Engineering Physics Laboratory	23	42	2
15VV1A0352	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0353	R13201	English-II	19	54	3
15VV1A0353	R13202	Mathematics-III	22	49	3
15VV1A0353	R13203	Engineering Physics	23	37	3
15VV1A0353	R13207	Mathematics-II (Mathematical Methods)	18	50	3
15VV1A0353	R13208	Professional Ethics and Human Values	24	37	3
15VV1A0353	R13209	Engineering Drawing	29	50	3
15VV1A0353	R13213	English Communication Skills Lab-1	21	45	2
15VV1A0353	R13214	Engineering Physics Laboratory	24	41	2
15VV1A0353	R13216	Engineering Workshop & IT Workshop	21	46	2
15VV1A0354	R13201	English-II	21	50	3
15VV1A0354	R13202	Mathematics-III	21	51	3
15VV1A0354	R13203	Engineering Physics	25	37	3
15VV1A0354	R13207	Mathematics-II (Mathematical Methods)	22	44	3
15VV1A0354	R13208	Professional Ethics and Human Values	19	32	3
15VV1A0354	R13209	Engineering Drawing	23	58	3
15VV1A0354	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0354	R13214	Engineering Physics Laboratory	22	37	2
15VV1A0354	R13216	Engineering Workshop & IT Workshop	20	42	2
15VV1A0355	R13201	English-II	19	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0355	R13202	Mathematics-III	19	60	3
15VV1A0355	R13203	Engineering Physics	26	50	3
15VV1A0355	R13207	Mathematics-II (Mathematical Methods)	20	48	3
15VV1A0355	R13208	Professional Ethics and Human Values	25	36	3
15VV1A0355	R13209	Engineering Drawing	19	56	3
15VV1A0355	R13213	English Communication Skills Lab-1	21	41	2
15VV1A0355	R13214	Engineering Physics Laboratory	23	45	2
15VV1A0355	R13216	Engineering Workshop & IT Workshop	21	45	2
15VV1A0357	R13201	English-II	21	46	3
15VV1A0357	R13202	Mathematics-III	19	59	3
15VV1A0357	R13203	Engineering Physics	23	59	3
15VV1A0357	R13207	Mathematics-II (Mathematical Methods)	25	48	3
15VV1A0357	R13208	Professional Ethics and Human Values	22	37	3
15VV1A0357	R13209	Engineering Drawing	29	47	3
15VV1A0357	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0357	R13214	Engineering Physics Laboratory	21	41	2
15VV1A0357	R13216	Engineering Workshop & IT Workshop	20	46	2
15VV1A0358	R13201	English-II	15	42	3
15VV1A0358	R13202	Mathematics-III	18	16	0
15VV1A0358	R13203	Engineering Physics	14	12	0
15VV1A0358	R13207	Mathematics-II (Mathematical Methods)	16	4	0
15VV1A0358	R13208	Professional Ethics and Human Values	18	31	3
15VV1A0358	R13209	Engineering Drawing	19	38	3
15VV1A0358	R13213	English Communication Skills Lab-1	22	40	2
15VV1A0358	R13214	Engineering Physics Laboratory	20	30	2
15VV1A0358	R13216	Engineering Workshop & IT Workshop	20	42	2
15VV1A0402	R13201	English-II	26	54	3
15VV1A0402	R13202	Mathematics-III	26	52	3
15VV1A0402	R13204	Engineering Chemistry	28	53	3
15VV1A0402	R13205	Computer Programming	24	52	3
15VV1A0402	R13210	Engineering Mechanics	26	42	3
15VV1A0402	R13211	NETWORK ANALYSIS	29	39	3
15VV1A0402	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0402	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0402	R13218	C Programming Lab	23	40	2
15VV1A0403	R13201	English-II	28	50	3
15VV1A0403	R13202	Mathematics-III	27	66	3
15VV1A0403	R13204	Engineering Chemistry	26	56	3
15VV1A0403	R13205	Computer Programming	22	50	3
15VV1A0403	R13210	Engineering Mechanics	24	32	3
15VV1A0403	R13211	NETWORK ANALYSIS	26	39	3
15VV1A0403	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0403	R13217	Engineering Chemistry Laboratory	21	45	2
15VV1A0403	R13218	C Programming Lab	23	39	2
15VV1A0404	R13201	English-II	25	45	3
15VV1A0404	R13202	Mathematics-III	21	32	3
15VV1A0404	R13204	Engineering Chemistry	21	44	3
15VV1A0404	R13205	Computer Programming	23	49	3
15VV1A0404	R13210	Engineering Mechanics	20	34	3
15VV1A0404	R13211	NETWORK ANALYSIS	23	35	3
15VV1A0404	R13213	English Communication Skills Lab-1	19	25	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0404	R13217	Engineering Chemistry Laboratory	22	42	2
15VV1A0404	R13218	C Programming Lab	20	42	2
15VV1A0405	R13201	English-II	26	43	3
15VV1A0405	R13202	Mathematics-III	13	27	3
15VV1A0405	R13204	Engineering Chemistry	16	33	3
15VV1A0405	R13205	Computer Programming	22	43	3
15VV1A0405	R13210	Engineering Mechanics	14	3	0
15VV1A0405	R13211	NETWORK ANALYSIS	13	14	0
15VV1A0405	R13213	English Communication Skills Lab-1	20	40	2
15VV1A0405	R13217	Engineering Chemistry Laboratory	21	42	2
15VV1A0405	R13218	C Programming Lab	21	39	2
15VV1A0406	R13201	English-II	21	48	3
15VV1A0406	R13202	Mathematics-III	15	37	3
15VV1A0406	R13204	Engineering Chemistry	16	37	3
15VV1A0406	R13205	Computer Programming	20	24	3
15VV1A0406	R13210	Engineering Mechanics	19	20	0
15VV1A0406	R13211	NETWORK ANALYSIS	15	38	3
15VV1A0406	R13213	English Communication Skills Lab-1	22	35	2
15VV1A0406	R13217	Engineering Chemistry Laboratory	20	43	2
15VV1A0406	R13218	C Programming Lab	18	30	2
15VV1A0407	R13201	English-II	26	49	3
15VV1A0407	R13202	Mathematics-III	26	60	3
15VV1A0407	R13204	Engineering Chemistry	24	54	3
15VV1A0407	R13205	Computer Programming	25	53	3
15VV1A0407	R13210	Engineering Mechanics	23	41	3
15VV1A0407	R13211	NETWORK ANALYSIS	27	45	3
15VV1A0407	R13213	English Communication Skills Lab-1	20	41	2
15VV1A0407	R13217	Engineering Chemistry Laboratory	21	47	2
15VV1A0407	R13218	C Programming Lab	22	40	2
15VV1A0408	R13201	English-II	28	50	3
15VV1A0408	R13202	Mathematics-III	28	60	3
15VV1A0408	R13204	Engineering Chemistry	27	51	3
15VV1A0408	R13205	Computer Programming	24	53	3
15VV1A0408	R13210	Engineering Mechanics	24	50	3
15VV1A0408	R13211	NETWORK ANALYSIS	24	50	3
15VV1A0408	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0408	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0408	R13218	C Programming Lab	25	45	2
15VV1A0409	R13201	English-II	28	51	3
15VV1A0409	R13202	Mathematics-III	26	62	3
15VV1A0409	R13204	Engineering Chemistry	26	53	3
15VV1A0409	R13205	Computer Programming	26	53	3
15VV1A0409	R13210	Engineering Mechanics	25	53	3
15VV1A0409	R13211	NETWORK ANALYSIS	28	41	3
15VV1A0409	R13213	English Communication Skills Lab-1	22	45	2
15VV1A0409	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0409	R13218	C Programming Lab	24	42	2
15VV1A0410	R13201	English-II	29	44	3
15VV1A0410	R13202	Mathematics-III	28	66	3
15VV1A0410	R13204	Engineering Chemistry	25	53	3
15VV1A0410	R13205	Computer Programming	25	50	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0410	R13210	Engineering Mechanics	27	43	3
15VV1A0410	R13211	NETWORK ANALYSIS	26	38	3
15VV1A0410	R13213	English Communication Skills Lab-1	21	46	2
15VV1A0410	R13217	Engineering Chemistry Laboratory	24	49	2
15VV1A0410	R13218	C Programming Lab	24	44	2
15VV1A0411	R13201	English-II	27	50	3
15VV1A0411	R13202	Mathematics-III	24	49	3
15VV1A0411	R13204	Engineering Chemistry	26	56	3
15VV1A0411	R13205	Computer Programming	24	54	3
15VV1A0411	R13210	Engineering Mechanics	24	44	3
15VV1A0411	R13211	NETWORK ANALYSIS	25	49	3
15VV1A0411	R13213	English Communication Skills Lab-1	22	43	2
15VV1A0411	R13217	Engineering Chemistry Laboratory	22	45	2
15VV1A0411	R13218	C Programming Lab	23	40	2
15VV1A0412	R13201	English-II	28	50	3
15VV1A0412	R13202	Mathematics-III	23	50	3
15VV1A0412	R13204	Engineering Chemistry	25	57	3
15VV1A0412	R13205	Computer Programming	25	54	3
15VV1A0412	R13210	Engineering Mechanics	23	40	3
15VV1A0412	R13211	NETWORK ANALYSIS	24	42	3
15VV1A0412	R13213	English Communication Skills Lab-1	20	43	2
15VV1A0412	R13217	Engineering Chemistry Laboratory	23	48	2
15VV1A0412	R13218	C Programming Lab	21	35	2
15VV1A0413	R13201	English-II	27	54	3
15VV1A0413	R13202	Mathematics-III	25	47	3
15VV1A0413	R13204	Engineering Chemistry	23	58	3
15VV1A0413	R13205	Computer Programming	25	46	3
15VV1A0413	R13210	Engineering Mechanics	23	33	3
15VV1A0413	R13211	NETWORK ANALYSIS	25	44	3
15VV1A0413	R13213	English Communication Skills Lab-1	20	44	2
15VV1A0413	R13217	Engineering Chemistry Laboratory	23	48	2
15VV1A0413	R13218	C Programming Lab	21	35	2
15VV1A0414	R13201	English-II	23	53	3
15VV1A0414	R13202	Mathematics-III	19	55	3
15VV1A0414	R13204	Engineering Chemistry	24	53	3
15VV1A0414	R13205	Computer Programming	21	56	3
15VV1A0414	R13210	Engineering Mechanics	21	40	3
15VV1A0414	R13211	NETWORK ANALYSIS	25	47	3
15VV1A0414	R13213	English Communication Skills Lab-1	22	41	2
15VV1A0414	R13217	Engineering Chemistry Laboratory	23	48	2
15VV1A0414	R13218	C Programming Lab	22	40	2
15VV1A0415	R13201	English-II	23	54	3
15VV1A0415	R13202	Mathematics-III	27	46	3
15VV1A0415	R13204	Engineering Chemistry	21	42	3
15VV1A0415	R13205	Computer Programming	16	48	3
15VV1A0415	R13210	Engineering Mechanics	24	37	3
15VV1A0415	R13211	NETWORK ANALYSIS	23	29	3
15VV1A0415	R13213	English Communication Skills Lab-1	20	39	2
15VV1A0415	R13217	Engineering Chemistry Laboratory	23	48	2
15VV1A0415	R13218	C Programming Lab	22	38	2
15VV1A0416	R13201	English-II	25	36	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0416	R13202	Mathematics-III	28	48	3
15VV1A0416	R13204	Engineering Chemistry	22	49	3
15VV1A0416	R13205	Computer Programming	23	51	3
15VV1A0416	R13210	Engineering Mechanics	25	41	3
15VV1A0416	R13211	NETWORK ANALYSIS	26	30	3
15VV1A0416	R13213	English Communication Skills Lab-1	20	40	2
15VV1A0416	R13217	Engineering Chemistry Laboratory	24	46	2
15VV1A0416	R13218	C Programming Lab	21	41	2
15VV1A0417	R13201	English-II	27	52	3
15VV1A0417	R13202	Mathematics-III	28	58	3
15VV1A0417	R13204	Engineering Chemistry	23	55	3
15VV1A0417	R13205	Computer Programming	23	51	3
15VV1A0417	R13210	Engineering Mechanics	24	50	3
15VV1A0417	R13211	NETWORK ANALYSIS	28	46	3
15VV1A0417	R13213	English Communication Skills Lab-1	19	43	2
15VV1A0417	R13217	Engineering Chemistry Laboratory	24	45	2
15VV1A0417	R13218	C Programming Lab	21	32	2
15VV1A0418	R13201	English-II	25	55	3
15VV1A0418	R13202	Mathematics-III	30	59	3
15VV1A0418	R13204	Engineering Chemistry	25	55	3
15VV1A0418	R13205	Computer Programming	25	53	3
15VV1A0418	R13210	Engineering Mechanics	27	38	3
15VV1A0418	R13211	NETWORK ANALYSIS	27	41	3
15VV1A0418	R13213	English Communication Skills Lab-1	23	40	2
15VV1A0418	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0418	R13218	C Programming Lab	22	38	2
15VV1A0419	R13201	English-II	19	51	3
15VV1A0419	R13202	Mathematics-III	23	43	3
15VV1A0419	R13204	Engineering Chemistry	22	45	3
15VV1A0419	R13205	Computer Programming	19	35	3
15VV1A0419	R13210	Engineering Mechanics	22	35	3
15VV1A0419	R13211	NETWORK ANALYSIS	21	14	0
15VV1A0419	R13213	English Communication Skills Lab-1	19	41	2
15VV1A0419	R13217	Engineering Chemistry Laboratory	22	46	2
15VV1A0419	R13218	C Programming Lab	21	39	2
15VV1A0420	R13201	English-II	20	54	3
15VV1A0420	R13202	Mathematics-III	25	39	3
15VV1A0420	R13204	Engineering Chemistry	23	51	3
15VV1A0420	R13205	Computer Programming	23	39	3
15VV1A0420	R13210	Engineering Mechanics	21	36	3
15VV1A0420	R13211	NETWORK ANALYSIS	24	39	3
15VV1A0420	R13213	English Communication Skills Lab-1	22	43	2
15VV1A0420	R13217	Engineering Chemistry Laboratory	24	49	2
15VV1A0420	R13218	C Programming Lab	20	39	2
15VV1A0421	R13201	English-II	22	51	3
15VV1A0421	R13202	Mathematics-III	21	36	3
15VV1A0421	R13204	Engineering Chemistry	24	55	3
15VV1A0421	R13205	Computer Programming	19	46	3
15VV1A0421	R13210	Engineering Mechanics	17	35	3
15VV1A0421	R13211	NETWORK ANALYSIS	22	43	3
15VV1A0421	R13213	English Communication Skills Lab-1	21	40	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0421	R13217	Engineering Chemistry Laboratory	24	47	2
15VV1A0421	R13218	C Programming Lab	21	34	2
15VV1A0423	R13201	English-II	26	49	3
15VV1A0423	R13202	Mathematics-III	30	54	3
15VV1A0423	R13204	Engineering Chemistry	26	47	3
15VV1A0423	R13205	Computer Programming	24	52	3
15VV1A0423	R13210	Engineering Mechanics	25	52	3
15VV1A0423	R13211	NETWORK ANALYSIS	28	48	3
15VV1A0423	R13213	English Communication Skills Lab-1	19	43	2
15VV1A0423	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0423	R13218	C Programming Lab	22	30	2
15VV1A0424	R13201	English-II	23	47	3
15VV1A0424	R13202	Mathematics-III	24	25	3
15VV1A0424	R13204	Engineering Chemistry	20	40	3
15VV1A0424	R13205	Computer Programming	23	38	3
15VV1A0424	R13210	Engineering Mechanics	20	10	0
15VV1A0424	R13211	NETWORK ANALYSIS	18	36	3
15VV1A0424	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0424	R13217	Engineering Chemistry Laboratory	21	43	2
15VV1A0424	R13218	C Programming Lab	21	36	2
15VV1A0425	R13201	English-II	23	-1	0
15VV1A0425	R13202	Mathematics-III	22	-1	0
15VV1A0425	R13204	Engineering Chemistry	24	-1	0
15VV1A0425	R13205	Computer Programming	19	-1	0
15VV1A0425	R13210	Engineering Mechanics	21	-1	0
15VV1A0425	R13211	NETWORK ANALYSIS	24	-1	0
15VV1A0425	R13213	English Communication Skills Lab-1	20	-1	0
15VV1A0425	R13217	Engineering Chemistry Laboratory	24	-1	0
15VV1A0425	R13218	C Programming Lab	0	-1	0
15VV1A0427	R13201	English-II	25	45	3
15VV1A0427	R13202	Mathematics-III	25	38	3
15VV1A0427	R13204	Engineering Chemistry	25	40	3
15VV1A0427	R13205	Computer Programming	24	45	3
15VV1A0427	R13210	Engineering Mechanics	24	30	3
15VV1A0427	R13211	NETWORK ANALYSIS	29	25	3
15VV1A0427	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0427	R13217	Engineering Chemistry Laboratory	24	48	2
15VV1A0427	R13218	C Programming Lab	22	40	2
15VV1A0428	R13201	English-II	26	43	3
15VV1A0428	R13202	Mathematics-III	19	39	3
15VV1A0428	R13204	Engineering Chemistry	21	45	3
15VV1A0428	R13205	Computer Programming	20	40	3
15VV1A0428	R13210	Engineering Mechanics	17	24	3
15VV1A0428	R13211	NETWORK ANALYSIS	15	29	3
15VV1A0428	R13213	English Communication Skills Lab-1	19	39	2
15VV1A0428	R13217	Engineering Chemistry Laboratory	23	50	2
15VV1A0428	R13218	C Programming Lab	19	33	2
15VV1A0429	R13201	English-II	26	47	3
15VV1A0429	R13202	Mathematics-III	29	54	3
15VV1A0429	R13204	Engineering Chemistry	24	55	3
15VV1A0429	R13205	Computer Programming	22	49	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0429	R13210	Engineering Mechanics	25	32	3
15VV1A0429	R13211	NETWORK ANALYSIS	24	42	3
15VV1A0429	R13213	English Communication Skills Lab-1	21	39	2
15VV1A0429	R13217	Engineering Chemistry Laboratory	23	48	2
15VV1A0429	R13218	C Programming Lab	21	35	2
15VV1A0430	R13201	English-II	26	49	3
15VV1A0430	R13202	Mathematics-III	25	44	3
15VV1A0430	R13204	Engineering Chemistry	22	59	3
15VV1A0430	R13205	Computer Programming	20	54	3
15VV1A0430	R13210	Engineering Mechanics	25	41	3
15VV1A0430	R13211	NETWORK ANALYSIS	25	40	3
15VV1A0430	R13213	English Communication Skills Lab-1	21	44	2
15VV1A0430	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0430	R13218	C Programming Lab	19	38	2
15VV1A0431	R13201	English-II	25	49	3
15VV1A0431	R13202	Mathematics-III	21	34	3
15VV1A0431	R13204	Engineering Chemistry	23	49	3
15VV1A0431	R13205	Computer Programming	23	45	3
15VV1A0431	R13210	Engineering Mechanics	21	31	3
15VV1A0431	R13211	NETWORK ANALYSIS	22	30	3
15VV1A0431	R13213	English Communication Skills Lab-1	20	44	2
15VV1A0431	R13217	Engineering Chemistry Laboratory	21	45	2
15VV1A0431	R13218	C Programming Lab	21	37	2
15VV1A0432	R13201	English-II	24	51	3
15VV1A0432	R13202	Mathematics-III	21	40	3
15VV1A0432	R13204	Engineering Chemistry	22	37	3
15VV1A0432	R13205	Computer Programming	20	49	3
15VV1A0432	R13210	Engineering Mechanics	25	24	3
15VV1A0432	R13211	NETWORK ANALYSIS	21	33	3
15VV1A0432	R13213	English Communication Skills Lab-1	21	42	2
15VV1A0432	R13217	Engineering Chemistry Laboratory	20	44	2
15VV1A0432	R13218	C Programming Lab	21	36	2
15VV1A0433	R13201	English-II	23	46	3
15VV1A0433	R13202	Mathematics-III	28	41	3
15VV1A0433	R13204	Engineering Chemistry	20	45	3
15VV1A0433	R13205	Computer Programming	21	49	3
15VV1A0433	R13210	Engineering Mechanics	19	33	3
15VV1A0433	R13211	NETWORK ANALYSIS	21	38	3
15VV1A0433	R13213	English Communication Skills Lab-1	19	40	2
15VV1A0433	R13217	Engineering Chemistry Laboratory	24	50	2
15VV1A0433	R13218	C Programming Lab	22	38	2
15VV1A0434	R13201	English-II	29	57	3
15VV1A0434	R13202	Mathematics-III	24	35	3
15VV1A0434	R13204	Engineering Chemistry	25	52	3
15VV1A0434	R13205	Computer Programming	17	46	3
15VV1A0434	R13210	Engineering Mechanics	17	24	3
15VV1A0434	R13211	NETWORK ANALYSIS	19	38	3
15VV1A0434	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0434	R13217	Engineering Chemistry Laboratory	21	46	2
15VV1A0434	R13218	C Programming Lab	20	36	2
15VV1A0435	R13201	English-II	29	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0435	R13202	Mathematics-III	26	50	3
15VV1A0435	R13204	Engineering Chemistry	27	56	3
15VV1A0435	R13205	Computer Programming	25	52	3
15VV1A0435	R13210	Engineering Mechanics	26	34	3
15VV1A0435	R13211	NETWORK ANALYSIS	20	34	3
15VV1A0435	R13213	English Communication Skills Lab-1	22	42	2
15VV1A0435	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0435	R13218	C Programming Lab	23	43	2
15VV1A0436	R13201	English-II	29	54	3
15VV1A0436	R13202	Mathematics-III	24	56	3
15VV1A0436	R13204	Engineering Chemistry	23	54	3
15VV1A0436	R13205	Computer Programming	23	55	3
15VV1A0436	R13210	Engineering Mechanics	22	39	3
15VV1A0436	R13211	NETWORK ANALYSIS	21	35	3
15VV1A0436	R13213	English Communication Skills Lab-1	21	45	2
15VV1A0436	R13217	Engineering Chemistry Laboratory	22	46	2
15VV1A0436	R13218	C Programming Lab	23	41	2
15VV1A0437	R13201	English-II	25	53	3
15VV1A0437	R13202	Mathematics-III	15	30	3
15VV1A0437	R13204	Engineering Chemistry	21	46	3
15VV1A0437	R13205	Computer Programming	25	51	3
15VV1A0437	R13210	Engineering Mechanics	21	33	3
15VV1A0437	R13211	NETWORK ANALYSIS	19	24	3
15VV1A0437	R13213	English Communication Skills Lab-1	17	39	2
15VV1A0437	R13217	Engineering Chemistry Laboratory	23	47	2
15VV1A0437	R13218	C Programming Lab	23	42	2
15VV1A0438	R13201	English-II	26	57	3
15VV1A0438	R13202	Mathematics-III	26	38	3
15VV1A0438	R13204	Engineering Chemistry	24	43	3
15VV1A0438	R13205	Computer Programming	20	44	3
15VV1A0438	R13210	Engineering Mechanics	20	24	3
15VV1A0438	R13211	NETWORK ANALYSIS	20	24	3
15VV1A0438	R13213	English Communication Skills Lab-1	20	43	2
15VV1A0438	R13217	Engineering Chemistry Laboratory	21	44	2
15VV1A0438	R13218	C Programming Lab	19	35	2
15VV1A0439	R13201	English-II	26	52	3
15VV1A0439	R13202	Mathematics-III	22	52	3
15VV1A0439	R13204	Engineering Chemistry	23	44	3
15VV1A0439	R13205	Computer Programming	21	44	3
15VV1A0439	R13210	Engineering Mechanics	22	46	3
15VV1A0439	R13211	NETWORK ANALYSIS	27	28	3
15VV1A0439	R13213	English Communication Skills Lab-1	20	46	2
15VV1A0439	R13217	Engineering Chemistry Laboratory	23	48	2
15VV1A0439	R13218	C Programming Lab	19	39	2
15VV1A0441	R13201	English-II	25	50	3
15VV1A0441	R13202	Mathematics-III	23	40	3
15VV1A0441	R13204	Engineering Chemistry	17	40	3
15VV1A0441	R13205	Computer Programming	19	44	3
15VV1A0441	R13210	Engineering Mechanics	18	28	3
15VV1A0441	R13211	NETWORK ANALYSIS	21	28	3
15VV1A0441	R13213	English Communication Skills Lab-1	21	39	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0441	R13217	Engineering Chemistry Laboratory	20	45	2
15VV1A0441	R13218	C Programming Lab	19	33	2
15VV1A0442	R13201	English-II	30	55	3
15VV1A0442	R13202	Mathematics-III	25	55	3
15VV1A0442	R13204	Engineering Chemistry	26	55	3
15VV1A0442	R13205	Computer Programming	23	54	3
15VV1A0442	R13210	Engineering Mechanics	25	45	3
15VV1A0442	R13211	NETWORK ANALYSIS	27	42	3
15VV1A0442	R13213	English Communication Skills Lab-1	21	45	2
15VV1A0442	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0442	R13218	C Programming Lab	24	40	2
15VV1A0443	R13201	English-II	27	54	3
15VV1A0443	R13202	Mathematics-III	23	49	3
15VV1A0443	R13204	Engineering Chemistry	24	50	3
15VV1A0443	R13205	Computer Programming	23	52	3
15VV1A0443	R13210	Engineering Mechanics	24	34	3
15VV1A0443	R13211	NETWORK ANALYSIS	25	39	3
15VV1A0443	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0443	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0443	R13218	C Programming Lab	22	38	2
15VV1A0444	R13201	English-II	25	50	3
15VV1A0444	R13202	Mathematics-III	27	33	3
15VV1A0444	R13204	Engineering Chemistry	23	51	3
15VV1A0444	R13205	Computer Programming	22	48	3
15VV1A0444	R13210	Engineering Mechanics	22	35	3
15VV1A0444	R13211	NETWORK ANALYSIS	23	25	3
15VV1A0444	R13213	English Communication Skills Lab-1	20	39	2
15VV1A0444	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0444	R13218	C Programming Lab	20	39	2
15VV1A0445	R13201	English-II	27	49	3
15VV1A0445	R13202	Mathematics-III	23	44	3
15VV1A0445	R13204	Engineering Chemistry	22	38	3
15VV1A0445	R13205	Computer Programming	23	44	3
15VV1A0445	R13210	Engineering Mechanics	25	39	3
15VV1A0445	R13211	NETWORK ANALYSIS	25	33	3
15VV1A0445	R13213	English Communication Skills Lab-1	21	37	2
15VV1A0445	R13217	Engineering Chemistry Laboratory	24	50	2
15VV1A0445	R13218	C Programming Lab	23	41	2
15VV1A0446	R13201	English-II	26	50	3
15VV1A0446	R13202	Mathematics-III	27	54	3
15VV1A0446	R13204	Engineering Chemistry	24	57	3
15VV1A0446	R13205	Computer Programming	23	53	3
15VV1A0446	R13210	Engineering Mechanics	24	48	3
15VV1A0446	R13211	NETWORK ANALYSIS	26	49	3
15VV1A0446	R13213	English Communication Skills Lab-1	20	40	2
15VV1A0446	R13217	Engineering Chemistry Laboratory	25	50	2
15VV1A0446	R13218	C Programming Lab	22	37	2
15VV1A0447	R13201	English-II	23	46	3
15VV1A0447	R13202	Mathematics-III	24	42	3
15VV1A0447	R13204	Engineering Chemistry	21	44	3
15VV1A0447	R13205	Computer Programming	23	41	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0447	R13210	Engineering Mechanics	23	52	3
15VV1A0447	R13211	NETWORK ANALYSIS	20	32	3
15VV1A0447	R13213	English Communication Skills Lab-1	20	39	2
15VV1A0447	R13217	Engineering Chemistry Laboratory	24	50	2
15VV1A0447	R13218	C Programming Lab	19	35	2
15VV1A0501	R13201	English-II	18	51	3
15VV1A0501	R13202	Mathematics-III	21	55	3
15VV1A0501	R13203	Engineering Physics	23	50	3
15VV1A0501	R13207	Mathematics-II (Mathematical Methods)	21	51	3
15VV1A0501	R13208	Professional Ethics and Human Values	24	40	3
15VV1A0501	R13209	Engineering Drawing	27	57	3
15VV1A0501	R13213	English Communication Skills Lab-1	21	38	2
15VV1A0501	R13214	Engineering Physics Laboratory	20	39	2
15VV1A0501	R13216	Engineering Workshop & IT Workshop	21	39	2
15VV1A0502	R13201	English-II	27	54	3
15VV1A0502	R13202	Mathematics-III	27	64	3
15VV1A0502	R13203	Engineering Physics	27	64	3
15VV1A0502	R13207	Mathematics-II (Mathematical Methods)	26	63	3
15VV1A0502	R13208	Professional Ethics and Human Values	28	38	3
15VV1A0502	R13209	Engineering Drawing	29	62	3
15VV1A0502	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0502	R13214	Engineering Physics Laboratory	23	41	2
15VV1A0502	R13216	Engineering Workshop & IT Workshop	23	40	2
15VV1A0503	R13201	English-II	23	40	3
15VV1A0503	R13202	Mathematics-III	25	54	3
15VV1A0503	R13203	Engineering Physics	23	59	3
15VV1A0503	R13207	Mathematics-II (Mathematical Methods)	19	50	3
15VV1A0503	R13208	Professional Ethics and Human Values	26	38	3
15VV1A0503	R13209	Engineering Drawing	26	53	3
15VV1A0503	R13213	English Communication Skills Lab-1	23	33	2
15VV1A0503	R13214	Engineering Physics Laboratory	25	36	2
15VV1A0503	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A0504	R13201	English-II	25	52	3
15VV1A0504	R13202	Mathematics-III	26	59	3
15VV1A0504	R13203	Engineering Physics	23	60	3
15VV1A0504	R13207	Mathematics-II (Mathematical Methods)	19	54	3
15VV1A0504	R13208	Professional Ethics and Human Values	27	37	3
15VV1A0504	R13209	Engineering Drawing	27	60	3
15VV1A0504	R13213	English Communication Skills Lab-1	22	41	2
15VV1A0504	R13214	Engineering Physics Laboratory	25	41	2
15VV1A0504	R13216	Engineering Workshop & IT Workshop	23	43	2
15VV1A0505	R13201	English-II	22	45	3
15VV1A0505	R13202	Mathematics-III	19	46	3
15VV1A0505	R13203	Engineering Physics	23	42	3
15VV1A0505	R13207	Mathematics-II (Mathematical Methods)	18	59	3
15VV1A0505	R13208	Professional Ethics and Human Values	25	35	3
15VV1A0505	R13209	Engineering Drawing	26	55	3
15VV1A0505	R13213	English Communication Skills Lab-1	22	39	2
15VV1A0505	R13214	Engineering Physics Laboratory	25	37	2
15VV1A0505	R13216	Engineering Workshop & IT Workshop	22	38	2
15VV1A0506	R13201	English-II	26	49	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0506	R13202	Mathematics-III	27	57	3
15VV1A0506	R13203	Engineering Physics	22	56	3
15VV1A0506	R13207	Mathematics-II (Mathematical Methods)	19	63	3
15VV1A0506	R13208	Professional Ethics and Human Values	26	37	3
15VV1A0506	R13209	Engineering Drawing	27	51	3
15VV1A0506	R13213	English Communication Skills Lab-1	22	41	2
15VV1A0506	R13214	Engineering Physics Laboratory	21	42	2
15VV1A0506	R13216	Engineering Workshop & IT Workshop	22	42	2
15VV1A0507	R13201	English-II	20	30	3
15VV1A0507	R13202	Mathematics-III	15	39	3
15VV1A0507	R13203	Engineering Physics	17	42	3
15VV1A0507	R13207	Mathematics-II (Mathematical Methods)	19	33	3
15VV1A0507	R13208	Professional Ethics and Human Values	26	40	3
15VV1A0507	R13209	Engineering Drawing	26	50	3
15VV1A0507	R13213	English Communication Skills Lab-1	22	35	2
15VV1A0507	R13214	Engineering Physics Laboratory	21	37	2
15VV1A0507	R13216	Engineering Workshop & IT Workshop	21	41	2
15VV1A0508	R13201	English-II	22	48	3
15VV1A0508	R13202	Mathematics-III	25	57	3
15VV1A0508	R13203	Engineering Physics	21	48	3
15VV1A0508	R13207	Mathematics-II (Mathematical Methods)	27	56	3
15VV1A0508	R13208	Professional Ethics and Human Values	26	36	3
15VV1A0508	R13209	Engineering Drawing	25	47	3
15VV1A0508	R13213	English Communication Skills Lab-1	21	39	2
15VV1A0508	R13214	Engineering Physics Laboratory	24	36	2
15VV1A0508	R13216	Engineering Workshop & IT Workshop	20	37	2
15VV1A0509	R13201	English-II	21	50	3
15VV1A0509	R13202	Mathematics-III	17	50	3
15VV1A0509	R13203	Engineering Physics	18	38	3
15VV1A0509	R13207	Mathematics-II (Mathematical Methods)	12	49	3
15VV1A0509	R13208	Professional Ethics and Human Values	27	35	3
15VV1A0509	R13209	Engineering Drawing	18	39	3
15VV1A0509	R13213	English Communication Skills Lab-1	20	38	2
15VV1A0509	R13214	Engineering Physics Laboratory	24	36	2
15VV1A0509	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A0510	R13201	English-II	23	54	3
15VV1A0510	R13202	Mathematics-III	22	63	3
15VV1A0510	R13203	Engineering Physics	25	52	3
15VV1A0510	R13207	Mathematics-II (Mathematical Methods)	22	62	3
15VV1A0510	R13208	Professional Ethics and Human Values	26	39	3
15VV1A0510	R13209	Engineering Drawing	29	56	3
15VV1A0510	R13213	English Communication Skills Lab-1	21	24	2
15VV1A0510	R13214	Engineering Physics Laboratory	25	37	2
15VV1A0510	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0511	R13201	English-II	19	48	3
15VV1A0511	R13202	Mathematics-III	23	40	3
15VV1A0511	R13203	Engineering Physics	21	42	3
15VV1A0511	R13207	Mathematics-II (Mathematical Methods)	17	55	3
15VV1A0511	R13208	Professional Ethics and Human Values	25	31	3
15VV1A0511	R13209	Engineering Drawing	23	24	3
15VV1A0511	R13213	English Communication Skills Lab-1	21	36	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0511	R13214	Engineering Physics Laboratory	21	35	2
15VV1A0511	R13216	Engineering Workshop & IT Workshop	21	40	2
15VV1A0512	R13201	English-II	23	52	3
15VV1A0512	R13202	Mathematics-III	17	52	3
15VV1A0512	R13203	Engineering Physics	23	62	3
15VV1A0512	R13207	Mathematics-II (Mathematical Methods)	21	52	3
15VV1A0512	R13208	Professional Ethics and Human Values	29	40	3
15VV1A0512	R13209	Engineering Drawing	25	42	3
15VV1A0512	R13213	English Communication Skills Lab-1	23	37	2
15VV1A0512	R13214	Engineering Physics Laboratory	24	39	2
15VV1A0512	R13216	Engineering Workshop & IT Workshop	23	43	2
15VV1A0513	R13201	English-II	18	45	3
15VV1A0513	R13202	Mathematics-III	21	40	3
15VV1A0513	R13203	Engineering Physics	24	24	3
15VV1A0513	R13207	Mathematics-II (Mathematical Methods)	16	46	3
15VV1A0513	R13208	Professional Ethics and Human Values	20	37	3
15VV1A0513	R13209	Engineering Drawing	24	50	3
15VV1A0513	R13213	English Communication Skills Lab-1	21	36	2
15VV1A0513	R13214	Engineering Physics Laboratory	23	29	2
15VV1A0513	R13216	Engineering Workshop & IT Workshop	22	42	2
15VV1A0514	R13201	English-II	22	45	3
15VV1A0514	R13202	Mathematics-III	21	61	3
15VV1A0514	R13203	Engineering Physics	15	44	3
15VV1A0514	R13207	Mathematics-II (Mathematical Methods)	21	51	3
15VV1A0514	R13208	Professional Ethics and Human Values	22	35	3
15VV1A0514	R13209	Engineering Drawing	25	55	3
15VV1A0514	R13213	English Communication Skills Lab-1	21	34	2
15VV1A0514	R13214	Engineering Physics Laboratory	24	32	2
15VV1A0514	R13216	Engineering Workshop & IT Workshop	22	38	2
15VV1A0515	R13201	English-II	24	52	3
15VV1A0515	R13202	Mathematics-III	21	46	3
15VV1A0515	R13203	Engineering Physics	19	40	3
15VV1A0515	R13207	Mathematics-II (Mathematical Methods)	20	48	3
15VV1A0515	R13208	Professional Ethics and Human Values	26	41	3
15VV1A0515	R13209	Engineering Drawing	25	60	3
15VV1A0515	R13213	English Communication Skills Lab-1	23	41	2
15VV1A0515	R13214	Engineering Physics Laboratory	20	34	2
15VV1A0515	R13216	Engineering Workshop & IT Workshop	21	41	2
15VV1A0516	R13201	English-II	23	55	3
15VV1A0516	R13202	Mathematics-III	22	56	3
15VV1A0516	R13203	Engineering Physics	21	45	3
15VV1A0516	R13207	Mathematics-II (Mathematical Methods)	19	58	3
15VV1A0516	R13208	Professional Ethics and Human Values	25	36	3
15VV1A0516	R13209	Engineering Drawing	29	59	3
15VV1A0516	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0516	R13214	Engineering Physics Laboratory	24	47	2
15VV1A0516	R13216	Engineering Workshop & IT Workshop	21	42	2
15VV1A0517	R13201	English-II	25	56	3
15VV1A0517	R13202	Mathematics-III	23	70	3
15VV1A0517	R13203	Engineering Physics	29	62	3
15VV1A0517	R13207	Mathematics-II (Mathematical Methods)	28	68	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0517	R13208	Professional Ethics and Human Values	28	40	3
15VV1A0517	R13209	Engineering Drawing	29	58	3
15VV1A0517	R13213	English Communication Skills Lab-1	23	38	2
15VV1A0517	R13214	Engineering Physics Laboratory	23	45	2
15VV1A0517	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0518	R13201	English-II	19	50	3
15VV1A0518	R13202	Mathematics-III	22	45	3
15VV1A0518	R13203	Engineering Physics	24	57	3
15VV1A0518	R13207	Mathematics-II (Mathematical Methods)	18	50	3
15VV1A0518	R13208	Professional Ethics and Human Values	26	40	3
15VV1A0518	R13209	Engineering Drawing	21	43	3
15VV1A0518	R13213	English Communication Skills Lab-1	21	33	2
15VV1A0518	R13214	Engineering Physics Laboratory	24	33	2
15VV1A0518	R13216	Engineering Workshop & IT Workshop	23	39	2
15VV1A0520	R13201	English-II	22	46	3
15VV1A0520	R13202	Mathematics-III	17	50	3
15VV1A0520	R13203	Engineering Physics	20	30	3
15VV1A0520	R13207	Mathematics-II (Mathematical Methods)	21	51	3
15VV1A0520	R13208	Professional Ethics and Human Values	23	36	3
15VV1A0520	R13209	Engineering Drawing	22	37	3
15VV1A0520	R13213	English Communication Skills Lab-1	18	39	2
15VV1A0520	R13214	Engineering Physics Laboratory	23	29	2
15VV1A0520	R13216	Engineering Workshop & IT Workshop	21	39	2
15VV1A0521	R13201	English-II	19	39	3
15VV1A0521	R13202	Mathematics-III	20	52	3
15VV1A0521	R13203	Engineering Physics	26	39	3
15VV1A0521	R13207	Mathematics-II (Mathematical Methods)	17	46	3
15VV1A0521	R13208	Professional Ethics and Human Values	26	39	3
15VV1A0521	R13209	Engineering Drawing	23	34	3
15VV1A0521	R13213	English Communication Skills Lab-1	20	23	2
15VV1A0521	R13214	Engineering Physics Laboratory	17	31	2
15VV1A0521	R13216	Engineering Workshop & IT Workshop	20	41	2
15VV1A0522	R13201	English-II	26	-1	0
15VV1A0522	R13202	Mathematics-III	20	-1	0
15VV1A0522	R13203	Engineering Physics	15	-1	0
15VV1A0522	R13207	Mathematics-II (Mathematical Methods)	23	-1	0
15VV1A0522	R13208	Professional Ethics and Human Values	28	-1	0
15VV1A0522	R13209	Engineering Drawing	25	-1	0
15VV1A0522	R13213	English Communication Skills Lab-1	20	-1	0
15VV1A0522	R13214	Engineering Physics Laboratory	21	-1	0
15VV1A0522	R13216	Engineering Workshop & IT Workshop	11	-1	0
15VV1A0523	R13201	English-II	23	55	3
15VV1A0523	R13202	Mathematics-III	20	60	3
15VV1A0523	R13203	Engineering Physics	20	52	3
15VV1A0523	R13207	Mathematics-II (Mathematical Methods)	19	59	3
15VV1A0523	R13208	Professional Ethics and Human Values	23	38	3
15VV1A0523	R13209	Engineering Drawing	23	52	3
15VV1A0523	R13213	English Communication Skills Lab-1	21	43	2
15VV1A0523	R13214	Engineering Physics Laboratory	23	36	2
15VV1A0523	R13216	Engineering Workshop & IT Workshop	23	43	2
15VV1A0524	R13201	English-II	24	55	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0524	R13202	Mathematics-III	28	52	3
15VV1A0524	R13203	Engineering Physics	24	56	3
15VV1A0524	R13207	Mathematics-II (Mathematical Methods)	27	57	3
15VV1A0524	R13208	Professional Ethics and Human Values	26	34	3
15VV1A0524	R13209	Engineering Drawing	29	61	3
15VV1A0524	R13213	English Communication Skills Lab-1	21	41	2
15VV1A0524	R13214	Engineering Physics Laboratory	24	45	2
15VV1A0524	R13216	Engineering Workshop & IT Workshop	24	44	2
15VV1A0525	R13201	English-II	24	61	3
15VV1A0525	R13202	Mathematics-III	21	56	3
15VV1A0525	R13203	Engineering Physics	17	45	3
15VV1A0525	R13207	Mathematics-II (Mathematical Methods)	19	55	3
15VV1A0525	R13208	Professional Ethics and Human Values	27	41	3
15VV1A0525	R13209	Engineering Drawing	28	62	3
15VV1A0525	R13213	English Communication Skills Lab-1	21	45	2
15VV1A0525	R13214	Engineering Physics Laboratory	24	38	2
15VV1A0525	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0526	R13201	English-II	23	30	3
15VV1A0526	R13202	Mathematics-III	20	63	3
15VV1A0526	R13203	Engineering Physics	23	55	3
15VV1A0526	R13207	Mathematics-II (Mathematical Methods)	18	60	3
15VV1A0526	R13208	Professional Ethics and Human Values	22	38	3
15VV1A0526	R13209	Engineering Drawing	25	58	3
15VV1A0526	R13213	English Communication Skills Lab-1	21	39	2
15VV1A0526	R13214	Engineering Physics Laboratory	18	34	2
15VV1A0526	R13216	Engineering Workshop & IT Workshop	22	39	2
15VV1A0527	R13201	English-II	19	40	3
15VV1A0527	R13202	Mathematics-III	17	46	3
15VV1A0527	R13203	Engineering Physics	18	38	3
15VV1A0527	R13207	Mathematics-II (Mathematical Methods)	18	48	3
15VV1A0527	R13208	Professional Ethics and Human Values	23	37	3
15VV1A0527	R13209	Engineering Drawing	22	62	3
15VV1A0527	R13213	English Communication Skills Lab-1	20	38	2
15VV1A0527	R13214	Engineering Physics Laboratory	24	30	2
15VV1A0527	R13216	Engineering Workshop & IT Workshop	22	43	2
15VV1A0528	R13201	English-II	27	45	3
15VV1A0528	R13202	Mathematics-III	21	66	3
15VV1A0528	R13203	Engineering Physics	25	57	3
15VV1A0528	R13207	Mathematics-II (Mathematical Methods)	24	58	3
15VV1A0528	R13208	Professional Ethics and Human Values	28	36	3
15VV1A0528	R13209	Engineering Drawing	23	56	3
15VV1A0528	R13213	English Communication Skills Lab-1	20	43	2
15VV1A0528	R13214	Engineering Physics Laboratory	23	40	2
15VV1A0528	R13216	Engineering Workshop & IT Workshop	22	45	2
15VV1A0529	R13201	English-II	21	54	3
15VV1A0529	R13202	Mathematics-III	23	56	3
15VV1A0529	R13203	Engineering Physics	17	46	3
15VV1A0529	R13207	Mathematics-II (Mathematical Methods)	17	56	3
15VV1A0529	R13208	Professional Ethics and Human Values	28	39	3
15VV1A0529	R13209	Engineering Drawing	28	59	3
15VV1A0529	R13213	English Communication Skills Lab-1	21	42	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0529	R13214	Engineering Physics Laboratory	24	40	2
15VV1A0529	R13216	Engineering Workshop & IT Workshop	23	45	2
15VV1A0530	R13201	English-II	23	45	3
15VV1A0530	R13202	Mathematics-III	17	45	3
15VV1A0530	R13203	Engineering Physics	15	46	3
15VV1A0530	R13207	Mathematics-II (Mathematical Methods)	14	38	3
15VV1A0530	R13208	Professional Ethics and Human Values	27	38	3
15VV1A0530	R13209	Engineering Drawing	23	48	3
15VV1A0530	R13213	English Communication Skills Lab-1	21	46	2
15VV1A0530	R13214	Engineering Physics Laboratory	23	33	2
15VV1A0530	R13216	Engineering Workshop & IT Workshop	24	43	2
15VV1A0531	R13201	English-II	27	53	3
15VV1A0531	R13202	Mathematics-III	23	59	3
15VV1A0531	R13203	Engineering Physics	17	36	3
15VV1A0531	R13207	Mathematics-II (Mathematical Methods)	23	58	3
15VV1A0531	R13208	Professional Ethics and Human Values	30	42	3
15VV1A0531	R13209	Engineering Drawing	24	60	3
15VV1A0531	R13213	English Communication Skills Lab-1	23	47	2
15VV1A0531	R13214	Engineering Physics Laboratory	23	38	2
15VV1A0531	R13216	Engineering Workshop & IT Workshop	24	45	2
15VV1A0532	R13201	English-II	18	41	3
15VV1A0532	R13202	Mathematics-III	22	42	3
15VV1A0532	R13203	Engineering Physics	17	44	3
15VV1A0532	R13207	Mathematics-II (Mathematical Methods)	19	49	3
15VV1A0532	R13208	Professional Ethics and Human Values	20	34	3
15VV1A0532	R13209	Engineering Drawing	22	57	3
15VV1A0532	R13213	English Communication Skills Lab-1	20	41	2
15VV1A0532	R13214	Engineering Physics Laboratory	15	39	2
15VV1A0532	R13216	Engineering Workshop & IT Workshop	23	44	2
15VV1A0533	R13201	English-II	22	47	3
15VV1A0533	R13202	Mathematics-III	20	59	3
15VV1A0533	R13203	Engineering Physics	19	36	3
15VV1A0533	R13207	Mathematics-II (Mathematical Methods)	17	46	3
15VV1A0533	R13208	Professional Ethics and Human Values	24	41	3
15VV1A0533	R13209	Engineering Drawing	18	43	3
15VV1A0533	R13213	English Communication Skills Lab-1	20	36	2
15VV1A0533	R13214	Engineering Physics Laboratory	24	34	2
15VV1A0533	R13216	Engineering Workshop & IT Workshop	23	44	2
15VV1A0534	R13201	English-II	19	52	3
15VV1A0534	R13202	Mathematics-III	25	37	3
15VV1A0534	R13203	Engineering Physics	17	39	3
15VV1A0534	R13207	Mathematics-II (Mathematical Methods)	21	58	3
15VV1A0534	R13208	Professional Ethics and Human Values	22	28	3
15VV1A0534	R13209	Engineering Drawing	26	55	3
15VV1A0534	R13213	English Communication Skills Lab-1	21	36	2
15VV1A0534	R13214	Engineering Physics Laboratory	24	36	2
15VV1A0534	R13216	Engineering Workshop & IT Workshop	23	47	2
15VV1A0535	R13201	English-II	21	48	3
15VV1A0535	R13202	Mathematics-III	27	48	3
15VV1A0535	R13203	Engineering Physics	24	49	3
15VV1A0535	R13207	Mathematics-II (Mathematical Methods)	19	59	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0535	R13208	Professional Ethics and Human Values	26	35	3
15VV1A0535	R13209	Engineering Drawing	25	58	3
15VV1A0535	R13213	English Communication Skills Lab-1	21	40	2
15VV1A0535	R13214	Engineering Physics Laboratory	19	36	2
15VV1A0535	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0536	R13201	English-II	23	47	3
15VV1A0536	R13202	Mathematics-III	26	68	3
15VV1A0536	R13203	Engineering Physics	28	47	3
15VV1A0536	R13207	Mathematics-II (Mathematical Methods)	30	67	3
15VV1A0536	R13208	Professional Ethics and Human Values	27	36	3
15VV1A0536	R13209	Engineering Drawing	29	58	3
15VV1A0536	R13213	English Communication Skills Lab-1	23	43	2
15VV1A0536	R13214	Engineering Physics Laboratory	23	45	2
15VV1A0536	R13216	Engineering Workshop & IT Workshop	24	44	2
15VV1A0537	R13201	English-II	20	44	3
15VV1A0537	R13202	Mathematics-III	23	61	3
15VV1A0537	R13203	Engineering Physics	26	60	3
15VV1A0537	R13207	Mathematics-II (Mathematical Methods)	28	62	3
15VV1A0537	R13208	Professional Ethics and Human Values	26	34	3
15VV1A0537	R13209	Engineering Drawing	29	60	3
15VV1A0537	R13213	English Communication Skills Lab-1	21	37	2
15VV1A0537	R13214	Engineering Physics Laboratory	24	38	2
15VV1A0537	R13216	Engineering Workshop & IT Workshop	24	46	2
15VV1A0539	R13201	English-II	24	55	3
15VV1A0539	R13202	Mathematics-III	17	48	3
15VV1A0539	R13203	Engineering Physics	23	44	3
15VV1A0539	R13207	Mathematics-II (Mathematical Methods)	19	44	3
15VV1A0539	R13208	Professional Ethics and Human Values	28	35	3
15VV1A0539	R13209	Engineering Drawing	23	48	3
15VV1A0539	R13213	English Communication Skills Lab-1	23	41	2
15VV1A0539	R13214	Engineering Physics Laboratory	23	42	2
15VV1A0539	R13216	Engineering Workshop & IT Workshop	23	41	2
15VV1A0540	R13201	English-II	21	45	3
15VV1A0540	R13202	Mathematics-III	25	64	3
15VV1A0540	R13203	Engineering Physics	22	55	3
15VV1A0540	R13207	Mathematics-II (Mathematical Methods)	21	51	3
15VV1A0540	R13208	Professional Ethics and Human Values	23	39	3
15VV1A0540	R13209	Engineering Drawing	22	47	3
15VV1A0540	R13213	English Communication Skills Lab-1	21	38	2
15VV1A0540	R13214	Engineering Physics Laboratory	18	37	2
15VV1A0540	R13216	Engineering Workshop & IT Workshop	20	43	2
15VV1A0541	R13201	English-II	17	48	3
15VV1A0541	R13202	Mathematics-III	17	33	3
15VV1A0541	R13203	Engineering Physics	17	32	3
15VV1A0541	R13207	Mathematics-II (Mathematical Methods)	12	28	3
15VV1A0541	R13208	Professional Ethics and Human Values	26	42	3
15VV1A0541	R13209	Engineering Drawing	19	30	3
15VV1A0541	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0541	R13214	Engineering Physics Laboratory	19	38	2
15VV1A0541	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0542	R13201	English-II	14	41	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A0542	R13202	Mathematics-III	16	44	3
15VV1A0542	R13203	Engineering Physics	16	46	3
15VV1A0542	R13207	Mathematics-II (Mathematical Methods)	22	33	3
15VV1A0542	R13208	Professional Ethics and Human Values	18	32	3
15VV1A0542	R13209	Engineering Drawing	20	40	3
15VV1A0542	R13213	English Communication Skills Lab-1	19	37	2
15VV1A0542	R13214	Engineering Physics Laboratory	14	32	2
15VV1A0542	R13216	Engineering Workshop & IT Workshop	19	44	2
15VV1A0543	R13201	English-II	26	53	3
15VV1A0543	R13202	Mathematics-III	23	48	3
15VV1A0543	R13203	Engineering Physics	18	55	3
15VV1A0543	R13207	Mathematics-II (Mathematical Methods)	19	65	3
15VV1A0543	R13208	Professional Ethics and Human Values	28	45	3
15VV1A0543	R13209	Engineering Drawing	28	62	3
15VV1A0543	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0543	R13214	Engineering Physics Laboratory	24	40	2
15VV1A0543	R13216	Engineering Workshop & IT Workshop	23	45	2
15VV1A0544	R13201	English-II	20	49	3
15VV1A0544	R13202	Mathematics-III	5	35	3
15VV1A0544	R13203	Engineering Physics	11	38	3
15VV1A0544	R13207	Mathematics-II (Mathematical Methods)	8	22	0
15VV1A0544	R13208	Professional Ethics and Human Values	20	37	3
15VV1A0544	R13209	Engineering Drawing	18	40	3
15VV1A0544	R13213	English Communication Skills Lab-1	22	37	2
15VV1A0544	R13214	Engineering Physics Laboratory	15	18	2
15VV1A0544	R13216	Engineering Workshop & IT Workshop	21	44	2
15VV1A0545	R13201	English-II	20	51	3
15VV1A0545	R13202	Mathematics-III	23	64	3
15VV1A0545	R13203	Engineering Physics	18	54	3
15VV1A0545	R13207	Mathematics-II (Mathematical Methods)	19	55	3
15VV1A0545	R13208	Professional Ethics and Human Values	26	37	3
15VV1A0545	R13209	Engineering Drawing	21	56	3
15VV1A0545	R13213	English Communication Skills Lab-1	20	37	2
15VV1A0545	R13214	Engineering Physics Laboratory	19	32	2
15VV1A0545	R13216	Engineering Workshop & IT Workshop	23	38	2
15VV1A0546	R13201	English-II	16	46	3
15VV1A0546	R13202	Mathematics-III	23	61	3
15VV1A0546	R13203	Engineering Physics	18	46	3
15VV1A0546	R13207	Mathematics-II (Mathematical Methods)	19	49	3
15VV1A0546	R13208	Professional Ethics and Human Values	20	36	3
15VV1A0546	R13209	Engineering Drawing	28	55	3
15VV1A0546	R13213	English Communication Skills Lab-1	21	34	2
15VV1A0546	R13214	Engineering Physics Laboratory	16	40	2
15VV1A0546	R13216	Engineering Workshop & IT Workshop	22	43	2
15VV1A0547	R13201	English-II	20	47	3
15VV1A0547	R13202	Mathematics-III	20	63	3
15VV1A0547	R13203	Engineering Physics	24	51	3
15VV1A0547	R13207	Mathematics-II (Mathematical Methods)	19	45	3
15VV1A0547	R13208	Professional Ethics and Human Values	23	36	3
15VV1A0547	R13209	Engineering Drawing	24	47	3
15VV1A0547	R13213	English Communication Skills Lab-1	22	38	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A0547	R13214	Engineering Physics Laboratory	18	39	2
15VV1A0547	R13216	Engineering Workshop & IT Workshop	22	44	2
15VV1A0548	R13201	English-II	22	49	3
15VV1A0548	R13202	Mathematics-III	23	41	3
15VV1A0548	R13203	Engineering Physics	15	53	3
15VV1A0548	R13207	Mathematics-II (Mathematical Methods)	16	51	3
15VV1A0548	R13208	Professional Ethics and Human Values	27	38	3
15VV1A0548	R13209	Engineering Drawing	21	33	3
15VV1A0548	R13213	English Communication Skills Lab-1	23	39	2
15VV1A0548	R13214	Engineering Physics Laboratory	19	37	2
15VV1A0548	R13216	Engineering Workshop & IT Workshop	22	45	2
15VV1A0550	R13201	English-II	17	46	3
15VV1A0550	R13202	Mathematics-III	21	48	3
15VV1A0550	R13203	Engineering Physics	16	37	3
15VV1A0550	R13207	Mathematics-II (Mathematical Methods)	15	36	3
15VV1A0550	R13208	Professional Ethics and Human Values	18	40	3
15VV1A0550	R13209	Engineering Drawing	26	57	3
15VV1A0550	R13213	English Communication Skills Lab-1	20	37	2
15VV1A0550	R13214	Engineering Physics Laboratory	16	37	2
15VV1A0550	R13216	Engineering Workshop & IT Workshop	21	46	2
15VV1A0552	R13201	English-II	17	58	3
15VV1A0552	R13202	Mathematics-III	26	52	3
15VV1A0552	R13203	Engineering Physics	17	38	3
15VV1A0552	R13207	Mathematics-II (Mathematical Methods)	18	51	3
15VV1A0552	R13208	Professional Ethics and Human Values	23	36	3
15VV1A0552	R13209	Engineering Drawing	26	54	3
15VV1A0552	R13213	English Communication Skills Lab-1	20	42	2
15VV1A0552	R13214	Engineering Physics Laboratory	19	33	2
15VV1A0552	R13216	Engineering Workshop & IT Workshop	22	42	2
15VV1A0553	R13201	English-II	13	27	3
15VV1A0553	R13202	Mathematics-III	14	15	0
15VV1A0553	R13203	Engineering Physics	14	22	0
15VV1A0553	R13207	Mathematics-II (Mathematical Methods)	17	35	3
15VV1A0553	R13208	Professional Ethics and Human Values	23	37	3
15VV1A0553	R13209	Engineering Drawing	19	32	3
15VV1A0553	R13213	English Communication Skills Lab-1	19	36	2
15VV1A0553	R13214	Engineering Physics Laboratory	13	28	2
15VV1A0553	R13216	Engineering Workshop & IT Workshop	21	40	2
15VV1A1201	R13201	English-II	19	42	3
15VV1A1201	R13202	Mathematics-III	17	24	3
15VV1A1201	R13203	Engineering Physics	15	3	0
15VV1A1201	R13207	Mathematics-II (Mathematical Methods)	15	28	3
15VV1A1201	R13208	Professional Ethics and Human Values	17	30	3
15VV1A1201	R13209	Engineering Drawing	8	32	3
15VV1A1201	R13213	English Communication Skills Lab-1	23	41	2
15VV1A1201	R13214	Engineering Physics Laboratory	16	33	2
15VV1A1201	R13216	Engineering Workshop & IT Workshop	22	36	2
15VV1A1202	R13201	English-II	23	44	3
15VV1A1202	R13202	Mathematics-III	19	42	3
15VV1A1202	R13203	Engineering Physics	19	28	3
15VV1A1202	R13207	Mathematics-II (Mathematical Methods)	17	55	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1202	R13208	Professional Ethics and Human Values	18	37	3
15VV1A1202	R13209	Engineering Drawing	17	41	3
15VV1A1202	R13213	English Communication Skills Lab-1	19	37	2
15VV1A1202	R13214	Engineering Physics Laboratory	19	33	2
15VV1A1202	R13216	Engineering Workshop & IT Workshop	22	36	2
15VV1A1203	R13201	English-II	17	36	3
15VV1A1203	R13202	Mathematics-III	15	38	3
15VV1A1203	R13203	Engineering Physics	11	44	3
15VV1A1203	R13207	Mathematics-II (Mathematical Methods)	13	48	3
15VV1A1203	R13208	Professional Ethics and Human Values	25	33	3
15VV1A1203	R13209	Engineering Drawing	24	50	3
15VV1A1203	R13213	English Communication Skills Lab-1	17	34	2
15VV1A1203	R13214	Engineering Physics Laboratory	11	17	0
15VV1A1203	R13216	Engineering Workshop & IT Workshop	23	35	2
15VV1A1205	R13201	English-II	20	47	3
15VV1A1205	R13202	Mathematics-III	19	53	3
15VV1A1205	R13203	Engineering Physics	19	36	3
15VV1A1205	R13207	Mathematics-II (Mathematical Methods)	11	36	3
15VV1A1205	R13208	Professional Ethics and Human Values	18	35	3
15VV1A1205	R13209	Engineering Drawing	13	36	3
15VV1A1205	R13213	English Communication Skills Lab-1	20	39	2
15VV1A1205	R13214	Engineering Physics Laboratory	20	17	0
15VV1A1205	R13216	Engineering Workshop & IT Workshop	21	36	2
15VV1A1206	R13201	English-II	20	48	3
15VV1A1206	R13202	Mathematics-III	16	41	3
15VV1A1206	R13203	Engineering Physics	14	31	3
15VV1A1206	R13207	Mathematics-II (Mathematical Methods)	15	49	3
15VV1A1206	R13208	Professional Ethics and Human Values	18	40	3
15VV1A1206	R13209	Engineering Drawing	22	49	3
15VV1A1206	R13213	English Communication Skills Lab-1	22	38	2
15VV1A1206	R13214	Engineering Physics Laboratory	19	30	2
15VV1A1206	R13216	Engineering Workshop & IT Workshop	22	36	2
15VV1A1207	R13201	English-II	18	35	3
15VV1A1207	R13202	Mathematics-III	16	31	3
15VV1A1207	R13203	Engineering Physics	17	34	3
15VV1A1207	R13207	Mathematics-II (Mathematical Methods)	13	36	3
15VV1A1207	R13208	Professional Ethics and Human Values	18	35	3
15VV1A1207	R13209	Engineering Drawing	21	34	3
15VV1A1207	R13213	English Communication Skills Lab-1	21	35	2
15VV1A1207	R13214	Engineering Physics Laboratory	20	30	2
15VV1A1207	R13216	Engineering Workshop & IT Workshop	22	40	2
15VV1A1208	R13201	English-II	20	38	3
15VV1A1208	R13202	Mathematics-III	19	34	3
15VV1A1208	R13203	Engineering Physics	10	35	3
15VV1A1208	R13207	Mathematics-II (Mathematical Methods)	12	28	3
15VV1A1208	R13208	Professional Ethics and Human Values	23	32	3
15VV1A1208	R13209	Engineering Drawing	14	15	0
15VV1A1208	R13213	English Communication Skills Lab-1	23	40	2
15VV1A1208	R13214	Engineering Physics Laboratory	17	28	2
15VV1A1208	R13216	Engineering Workshop & IT Workshop	23	39	2
15VV1A1209	R13201	English-II	23	47	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1209	R13202	Mathematics-III	21	51	3
15VV1A1209	R13203	Engineering Physics	24	49	3
15VV1A1209	R13207	Mathematics-II (Mathematical Methods)	21	54	3
15VV1A1209	R13208	Professional Ethics and Human Values	28	39	3
15VV1A1209	R13209	Engineering Drawing	25	55	3
15VV1A1209	R13213	English Communication Skills Lab-1	22	39	2
15VV1A1209	R13214	Engineering Physics Laboratory	23	38	2
15VV1A1209	R13216	Engineering Workshop & IT Workshop	23	37	2
15VV1A1210	R13201	English-II	19	37	3
15VV1A1210	R13202	Mathematics-III	20	52	3
15VV1A1210	R13203	Engineering Physics	18	33	3
15VV1A1210	R13207	Mathematics-II (Mathematical Methods)	18	48	3
15VV1A1210	R13208	Professional Ethics and Human Values	23	39	3
15VV1A1210	R13209	Engineering Drawing	20	57	3
15VV1A1210	R13213	English Communication Skills Lab-1	22	37	2
15VV1A1210	R13214	Engineering Physics Laboratory	19	30	2
15VV1A1210	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A1211	R13201	English-II	24	40	3
15VV1A1211	R13202	Mathematics-III	26	46	3
15VV1A1211	R13203	Engineering Physics	14	48	3
15VV1A1211	R13207	Mathematics-II (Mathematical Methods)	17	56	3
15VV1A1211	R13208	Professional Ethics and Human Values	25	38	3
15VV1A1211	R13209	Engineering Drawing	25	48	3
15VV1A1211	R13213	English Communication Skills Lab-1	23	41	2
15VV1A1211	R13214	Engineering Physics Laboratory	21	38	2
15VV1A1211	R13216	Engineering Workshop & IT Workshop	23	37	2
15VV1A1212	R13201	English-II	21	36	3
15VV1A1212	R13202	Mathematics-III	19	48	3
15VV1A1212	R13203	Engineering Physics	23	51	3
15VV1A1212	R13207	Mathematics-II (Mathematical Methods)	18	47	3
15VV1A1212	R13208	Professional Ethics and Human Values	25	38	3
15VV1A1212	R13209	Engineering Drawing	22	51	3
15VV1A1212	R13213	English Communication Skills Lab-1	23	39	2
15VV1A1212	R13214	Engineering Physics Laboratory	21	36	2
15VV1A1212	R13216	Engineering Workshop & IT Workshop	23	37	2
15VV1A1213	R13201	English-II	15	29	3
15VV1A1213	R13202	Mathematics-III	14	26	3
15VV1A1213	R13203	Engineering Physics	8	32	3
15VV1A1213	R13207	Mathematics-II (Mathematical Methods)	13	28	3
15VV1A1213	R13208	Professional Ethics and Human Values	20	33	3
15VV1A1213	R13209	Engineering Drawing	18	41	3
15VV1A1213	R13213	English Communication Skills Lab-1	17	34	2
15VV1A1213	R13214	Engineering Physics Laboratory	22	35	2
15VV1A1213	R13216	Engineering Workshop & IT Workshop	23	34	2
15VV1A1214	R13201	English-II	21	46	3
15VV1A1214	R13202	Mathematics-III	17	34	3
15VV1A1214	R13203	Engineering Physics	19	39	3
15VV1A1214	R13207	Mathematics-II (Mathematical Methods)	16	40	3
15VV1A1214	R13208	Professional Ethics and Human Values	24	37	3
15VV1A1214	R13209	Engineering Drawing	25	48	3
15VV1A1214	R13213	English Communication Skills Lab-1	20	37	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A1214	R13214	Engineering Physics Laboratory	22	35	2
15VV1A1214	R13216	Engineering Workshop & IT Workshop	23	38	2
15VV1A1215	R13201	English-II	21	43	3
15VV1A1215	R13202	Mathematics-III	27	43	3
15VV1A1215	R13203	Engineering Physics	15	55	3
15VV1A1215	R13207	Mathematics-II (Mathematical Methods)	21	49	3
15VV1A1215	R13208	Professional Ethics and Human Values	25	40	3
15VV1A1215	R13209	Engineering Drawing	21	56	3
15VV1A1215	R13213	English Communication Skills Lab-1	20	40	2
15VV1A1215	R13214	Engineering Physics Laboratory	21	32	2
15VV1A1215	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A1216	R13201	English-II	22	43	3
15VV1A1216	R13202	Mathematics-III	19	44	3
15VV1A1216	R13203	Engineering Physics	18	11	0
15VV1A1216	R13207	Mathematics-II (Mathematical Methods)	15	44	3
15VV1A1216	R13208	Professional Ethics and Human Values	18	36	3
15VV1A1216	R13209	Engineering Drawing	20	27	3
15VV1A1216	R13213	English Communication Skills Lab-1	22	38	2
15VV1A1216	R13214	Engineering Physics Laboratory	17	34	2
15VV1A1216	R13216	Engineering Workshop & IT Workshop	22	35	2
15VV1A1217	R13201	English-II	15	32	3
15VV1A1217	R13202	Mathematics-III	15	37	3
15VV1A1217	R13203	Engineering Physics	11	29	3
15VV1A1217	R13207	Mathematics-II (Mathematical Methods)	9	31	3
15VV1A1217	R13208	Professional Ethics and Human Values	21	32	3
15VV1A1217	R13209	Engineering Drawing	18	32	3
15VV1A1217	R13213	English Communication Skills Lab-1	19	38	2
15VV1A1217	R13214	Engineering Physics Laboratory	12	35	2
15VV1A1217	R13216	Engineering Workshop & IT Workshop	21	35	2
15VV1A1219	R13201	English-II	23	38	3
15VV1A1219	R13202	Mathematics-III	27	65	3
15VV1A1219	R13203	Engineering Physics	25	39	3
15VV1A1219	R13207	Mathematics-II (Mathematical Methods)	19	55	3
15VV1A1219	R13208	Professional Ethics and Human Values	22	36	3
15VV1A1219	R13209	Engineering Drawing	22	53	3
15VV1A1219	R13213	English Communication Skills Lab-1	23	38	2
15VV1A1219	R13214	Engineering Physics Laboratory	21	34	2
15VV1A1219	R13216	Engineering Workshop & IT Workshop	22	41	2
15VV1A1220	R13201	English-II	14	33	3
15VV1A1220	R13202	Mathematics-III	21	34	3
15VV1A1220	R13203	Engineering Physics	13	32	3
15VV1A1220	R13207	Mathematics-II (Mathematical Methods)	10	34	3
15VV1A1220	R13208	Professional Ethics and Human Values	21	38	3
15VV1A1220	R13209	Engineering Drawing	19	39	3
15VV1A1220	R13213	English Communication Skills Lab-1	20	36	2
15VV1A1220	R13214	Engineering Physics Laboratory	18	23	2
15VV1A1220	R13216	Engineering Workshop & IT Workshop	22	35	2
15VV1A1221	R13201	English-II	24	37	3
15VV1A1221	R13202	Mathematics-III	23	58	3
15VV1A1221	R13203	Engineering Physics	27	52	3
15VV1A1221	R13207	Mathematics-II (Mathematical Methods)	15	54	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1221	R13208	Professional Ethics and Human Values	26	36	3
15VV1A1221	R13209	Engineering Drawing	25	48	3
15VV1A1221	R13213	English Communication Skills Lab-1	24	42	2
15VV1A1221	R13214	Engineering Physics Laboratory	24	34	2
15VV1A1221	R13216	Engineering Workshop & IT Workshop	21	36	2
15VV1A1222	R13201	English-II	21	51	3
15VV1A1222	R13202	Mathematics-III	20	39	3
15VV1A1222	R13203	Engineering Physics	11	22	0
15VV1A1222	R13207	Mathematics-II (Mathematical Methods)	16	51	3
15VV1A1222	R13208	Professional Ethics and Human Values	22	34	3
15VV1A1222	R13209	Engineering Drawing	21	43	3
15VV1A1222	R13213	English Communication Skills Lab-1	21	36	2
15VV1A1222	R13214	Engineering Physics Laboratory	16	34	2
15VV1A1222	R13216	Engineering Workshop & IT Workshop	21	38	2
15VV1A1223	R13201	English-II	24	47	3
15VV1A1223	R13202	Mathematics-III	20	52	3
15VV1A1223	R13203	Engineering Physics	23	58	3
15VV1A1223	R13207	Mathematics-II (Mathematical Methods)	17	53	3
15VV1A1223	R13208	Professional Ethics and Human Values	26	38	3
15VV1A1223	R13209	Engineering Drawing	20	45	3
15VV1A1223	R13213	English Communication Skills Lab-1	23	40	2
15VV1A1223	R13214	Engineering Physics Laboratory	23	36	2
15VV1A1223	R13216	Engineering Workshop & IT Workshop	23	37	2
15VV1A1224	R13201	English-II	25	51	3
15VV1A1224	R13202	Mathematics-III	27	47	3
15VV1A1224	R13203	Engineering Physics	18	38	3
15VV1A1224	R13207	Mathematics-II (Mathematical Methods)	15	41	3
15VV1A1224	R13208	Professional Ethics and Human Values	27	38	3
15VV1A1224	R13209	Engineering Drawing	27	49	3
15VV1A1224	R13213	English Communication Skills Lab-1	24	42	2
15VV1A1224	R13214	Engineering Physics Laboratory	23	40	2
15VV1A1224	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A1225	R13201	English-II	22	45	3
15VV1A1225	R13202	Mathematics-III	22	35	3
15VV1A1225	R13203	Engineering Physics	14	15	0
15VV1A1225	R13207	Mathematics-II (Mathematical Methods)	13	43	3
15VV1A1225	R13208	Professional Ethics and Human Values	23	35	3
15VV1A1225	R13209	Engineering Drawing	14	35	3
15VV1A1225	R13213	English Communication Skills Lab-1	22	39	2
15VV1A1225	R13214	Engineering Physics Laboratory	21	31	2
15VV1A1225	R13216	Engineering Workshop & IT Workshop	22	35	2
15VV1A1226	R13201	English-II	25	42	3
15VV1A1226	R13202	Mathematics-III	23	50	3
15VV1A1226	R13203	Engineering Physics	18	52	3
15VV1A1226	R13207	Mathematics-II (Mathematical Methods)	21	53	3
15VV1A1226	R13208	Professional Ethics and Human Values	24	34	3
15VV1A1226	R13209	Engineering Drawing	16	37	3
15VV1A1226	R13213	English Communication Skills Lab-1	22	44	2
15VV1A1226	R13214	Engineering Physics Laboratory	24	40	2
15VV1A1226	R13216	Engineering Workshop & IT Workshop	23	37	2
15VV1A1227	R13201	English-II	21	60	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1227	R13202	Mathematics-III	19	61	3
15VV1A1227	R13203	Engineering Physics	17	51	3
15VV1A1227	R13207	Mathematics-II (Mathematical Methods)	19	54	3
15VV1A1227	R13208	Professional Ethics and Human Values	21	40	3
15VV1A1227	R13209	Engineering Drawing	24	55	3
15VV1A1227	R13213	English Communication Skills Lab-1	21	39	2
15VV1A1227	R13214	Engineering Physics Laboratory	24	33	2
15VV1A1227	R13216	Engineering Workshop & IT Workshop	21	40	2
15VV1A1228	R13201	English-II	24	39	3
15VV1A1228	R13202	Mathematics-III	15	32	3
15VV1A1228	R13203	Engineering Physics	19	28	3
15VV1A1228	R13207	Mathematics-II (Mathematical Methods)	12	35	3
15VV1A1228	R13208	Professional Ethics and Human Values	19	36	3
15VV1A1228	R13209	Engineering Drawing	23	29	3
15VV1A1228	R13213	English Communication Skills Lab-1	21	47	2
15VV1A1228	R13214	Engineering Physics Laboratory	24	35	2
15VV1A1228	R13216	Engineering Workshop & IT Workshop	23	39	2
15VV1A1230	R13201	English-II	22	49	3
15VV1A1230	R13202	Mathematics-III	21	53	3
15VV1A1230	R13203	Engineering Physics	26	41	3
15VV1A1230	R13207	Mathematics-II (Mathematical Methods)	15	45	3
15VV1A1230	R13208	Professional Ethics and Human Values	20	33	3
15VV1A1230	R13209	Engineering Drawing	18	46	3
15VV1A1230	R13213	English Communication Skills Lab-1	22	41	2
15VV1A1230	R13214	Engineering Physics Laboratory	25	37	2
15VV1A1230	R13216	Engineering Workshop & IT Workshop	21	39	2
15VV1A1231	R13201	English-II	18	39	3
15VV1A1231	R13202	Mathematics-III	25	41	3
15VV1A1231	R13203	Engineering Physics	14	28	3
15VV1A1231	R13207	Mathematics-II (Mathematical Methods)	14	43	3
15VV1A1231	R13208	Professional Ethics and Human Values	21	35	3
15VV1A1231	R13209	Engineering Drawing	24	43	3
15VV1A1231	R13213	English Communication Skills Lab-1	23	38	2
15VV1A1231	R13214	Engineering Physics Laboratory	17	23	2
15VV1A1231	R13216	Engineering Workshop & IT Workshop	22	35	2
15VV1A1232	R13201	English-II	21	40	3
15VV1A1232	R13202	Mathematics-III	26	46	3
15VV1A1232	R13203	Engineering Physics	20	50	3
15VV1A1232	R13207	Mathematics-II (Mathematical Methods)	17	45	3
15VV1A1232	R13208	Professional Ethics and Human Values	24	40	3
15VV1A1232	R13209	Engineering Drawing	26	38	3
15VV1A1232	R13213	English Communication Skills Lab-1	23	41	2
15VV1A1232	R13214	Engineering Physics Laboratory	22	34	2
15VV1A1232	R13216	Engineering Workshop & IT Workshop	24	36	2
15VV1A1233	R13201	English-II	24	39	3
15VV1A1233	R13202	Mathematics-III	19	52	3
15VV1A1233	R13203	Engineering Physics	21	50	3
15VV1A1233	R13207	Mathematics-II (Mathematical Methods)	13	42	3
15VV1A1233	R13208	Professional Ethics and Human Values	21	38	3
15VV1A1233	R13209	Engineering Drawing	23	50	3
15VV1A1233	R13213	English Communication Skills Lab-1	20	38	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A1233	R13214	Engineering Physics Laboratory	24	36	2
15VV1A1233	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A1234	R13201	English-II	19	28	3
15VV1A1234	R13202	Mathematics-III	10	6	0
15VV1A1234	R13203	Engineering Physics	9	31	3
15VV1A1234	R13207	Mathematics-II (Mathematical Methods)	21	32	3
15VV1A1234	R13208	Professional Ethics and Human Values	19	38	3
15VV1A1234	R13209	Engineering Drawing	17	30	3
15VV1A1234	R13213	English Communication Skills Lab-1	20	36	2
15VV1A1234	R13214	Engineering Physics Laboratory	16	26	2
15VV1A1234	R13216	Engineering Workshop & IT Workshop	20	34	2
15VV1A1235	R13201	English-II	21	39	3
15VV1A1235	R13202	Mathematics-III	26	45	3
15VV1A1235	R13203	Engineering Physics	16	41	3
15VV1A1235	R13207	Mathematics-II (Mathematical Methods)	19	53	3
15VV1A1235	R13208	Professional Ethics and Human Values	18	37	3
15VV1A1235	R13209	Engineering Drawing	27	47	3
15VV1A1235	R13213	English Communication Skills Lab-1	18	39	2
15VV1A1235	R13214	Engineering Physics Laboratory	22	33	2
15VV1A1235	R13216	Engineering Workshop & IT Workshop	23	38	2
15VV1A1237	R13201	English-II	23	50	3
15VV1A1237	R13202	Mathematics-III	26	41	3
15VV1A1237	R13203	Engineering Physics	17	59	3
15VV1A1237	R13207	Mathematics-II (Mathematical Methods)	23	61	3
15VV1A1237	R13208	Professional Ethics and Human Values	28	33	3
15VV1A1237	R13209	Engineering Drawing	26	51	3
15VV1A1237	R13213	English Communication Skills Lab-1	23	39	2
15VV1A1237	R13214	Engineering Physics Laboratory	23	38	2
15VV1A1237	R13216	Engineering Workshop & IT Workshop	25	38	2
15VV1A1238	R13201	English-II	25	49	3
15VV1A1238	R13202	Mathematics-III	14	52	3
15VV1A1238	R13203	Engineering Physics	27	60	3
15VV1A1238	R13207	Mathematics-II (Mathematical Methods)	23	10	0
15VV1A1238	R13208	Professional Ethics and Human Values	27	40	3
15VV1A1238	R13209	Engineering Drawing	18	41	3
15VV1A1238	R13213	English Communication Skills Lab-1	22	40	2
15VV1A1238	R13214	Engineering Physics Laboratory	24	29	2
15VV1A1238	R13216	Engineering Workshop & IT Workshop	24	38	2
15VV1A1239	R13201	English-II	21	49	3
15VV1A1239	R13202	Mathematics-III	15	37	3
15VV1A1239	R13203	Engineering Physics	14	44	3
15VV1A1239	R13207	Mathematics-II (Mathematical Methods)	14	44	3
15VV1A1239	R13208	Professional Ethics and Human Values	23	36	3
15VV1A1239	R13209	Engineering Drawing	21	44	3
15VV1A1239	R13213	English Communication Skills Lab-1	22	38	2
15VV1A1239	R13214	Engineering Physics Laboratory	24	34	2
15VV1A1239	R13216	Engineering Workshop & IT Workshop	25	36	2
15VV1A1240	R13201	English-II	20	44	3
15VV1A1240	R13202	Mathematics-III	20	37	3
15VV1A1240	R13203	Engineering Physics	5	2	0
15VV1A1240	R13207	Mathematics-II (Mathematical Methods)	11	48	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1240	R13208	Professional Ethics and Human Values	18	34	3
15VV1A1240	R13209	Engineering Drawing	7	33	3
15VV1A1240	R13213	English Communication Skills Lab-1	21	36	2
15VV1A1240	R13214	Engineering Physics Laboratory	22	33	2
15VV1A1240	R13216	Engineering Workshop & IT Workshop	22	35	2
15VV1A1241	R13201	English-II	22	51	3
15VV1A1241	R13202	Mathematics-III	19	66	3
15VV1A1241	R13203	Engineering Physics	20	48	3
15VV1A1241	R13207	Mathematics-II (Mathematical Methods)	19	60	3
15VV1A1241	R13208	Professional Ethics and Human Values	20	31	3
15VV1A1241	R13209	Engineering Drawing	21	57	3
15VV1A1241	R13213	English Communication Skills Lab-1	19	39	2
15VV1A1241	R13214	Engineering Physics Laboratory	21	35	2
15VV1A1241	R13216	Engineering Workshop & IT Workshop	23	38	2
15VV1A1242	R13201	English-II	23	44	3
15VV1A1242	R13202	Mathematics-III	21	14	0
15VV1A1242	R13203	Engineering Physics	21	50	3
15VV1A1242	R13207	Mathematics-II (Mathematical Methods)	19	56	3
15VV1A1242	R13208	Professional Ethics and Human Values	20	34	3
15VV1A1242	R13209	Engineering Drawing	19	54	3
15VV1A1242	R13213	English Communication Skills Lab-1	22	40	2
15VV1A1242	R13214	Engineering Physics Laboratory	23	41	2
15VV1A1242	R13216	Engineering Workshop & IT Workshop	24	39	2
15VV1A1243	R13201	English-II	22	47	3
15VV1A1243	R13202	Mathematics-III	23	54	3
15VV1A1243	R13203	Engineering Physics	21	61	3
15VV1A1243	R13207	Mathematics-II (Mathematical Methods)	20	53	3
15VV1A1243	R13208	Professional Ethics and Human Values	22	31	3
15VV1A1243	R13209	Engineering Drawing	21	40	3
15VV1A1243	R13213	English Communication Skills Lab-1	23	39	2
15VV1A1243	R13214	Engineering Physics Laboratory	24	35	2
15VV1A1243	R13216	Engineering Workshop & IT Workshop	22	40	2
15VV1A1244	R13201	English-II	23	48	3
15VV1A1244	R13202	Mathematics-III	21	35	3
15VV1A1244	R13203	Engineering Physics	21	32	3
15VV1A1244	R13207	Mathematics-II (Mathematical Methods)	15	49	3
15VV1A1244	R13208	Professional Ethics and Human Values	25	38	3
15VV1A1244	R13209	Engineering Drawing	13	48	3
15VV1A1244	R13213	English Communication Skills Lab-1	21	41	2
15VV1A1244	R13214	Engineering Physics Laboratory	23	34	2
15VV1A1244	R13216	Engineering Workshop & IT Workshop	24	37	2
15VV1A1245	R13201	English-II	19	39	3
15VV1A1245	R13202	Mathematics-III	20	39	3
15VV1A1245	R13203	Engineering Physics	14	30	3
15VV1A1245	R13207	Mathematics-II (Mathematical Methods)	16	32	3
15VV1A1245	R13208	Professional Ethics and Human Values	22	39	3
15VV1A1245	R13209	Engineering Drawing	21	57	3
15VV1A1245	R13213	English Communication Skills Lab-1	22	40	2
15VV1A1245	R13214	Engineering Physics Laboratory	24	37	2
15VV1A1245	R13216	Engineering Workshop & IT Workshop	24	37	2
15VV1A1246	R13201	English-II	22	43	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1246	R13202	Mathematics-III	20	38	3
15VV1A1246	R13203	Engineering Physics	19	32	3
15VV1A1246	R13207	Mathematics-II (Mathematical Methods)	17	39	3
15VV1A1246	R13208	Professional Ethics and Human Values	18	32	3
15VV1A1246	R13209	Engineering Drawing	19	49	3
15VV1A1246	R13213	English Communication Skills Lab-1	22	37	2
15VV1A1246	R13214	Engineering Physics Laboratory	19	33	2
15VV1A1246	R13216	Engineering Workshop & IT Workshop	22	39	2
15VV1A1247	R13201	English-II	21	45	3
15VV1A1247	R13202	Mathematics-III	19	39	3
15VV1A1247	R13203	Engineering Physics	17	35	3
15VV1A1247	R13207	Mathematics-II (Mathematical Methods)	19	39	3
15VV1A1247	R13208	Professional Ethics and Human Values	23	37	3
15VV1A1247	R13209	Engineering Drawing	15	37	3
15VV1A1247	R13213	English Communication Skills Lab-1	21	43	2
15VV1A1247	R13214	Engineering Physics Laboratory	16	40	2
15VV1A1247	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A1248	R13201	English-II	23	47	3
15VV1A1248	R13202	Mathematics-III	29	55	3
15VV1A1248	R13203	Engineering Physics	24	50	3
15VV1A1248	R13207	Mathematics-II (Mathematical Methods)	22	63	3
15VV1A1248	R13208	Professional Ethics and Human Values	24	40	3
15VV1A1248	R13209	Engineering Drawing	29	59	3
15VV1A1248	R13213	English Communication Skills Lab-1	21	41	2
15VV1A1248	R13214	Engineering Physics Laboratory	25	40	2
15VV1A1248	R13216	Engineering Workshop & IT Workshop	24	37	2
15VV1A1249	R13201	English-II	22	51	3
15VV1A1249	R13202	Mathematics-III	21	60	3
15VV1A1249	R13203	Engineering Physics	17	41	3
15VV1A1249	R13207	Mathematics-II (Mathematical Methods)	15	50	3
15VV1A1249	R13208	Professional Ethics and Human Values	21	38	3
15VV1A1249	R13209	Engineering Drawing	17	55	3
15VV1A1249	R13213	English Communication Skills Lab-1	22	39	2
15VV1A1249	R13214	Engineering Physics Laboratory	24	42	2
15VV1A1249	R13216	Engineering Workshop & IT Workshop	23	38	2
15VV1A1250	R13201	English-II	24	43	3
15VV1A1250	R13202	Mathematics-III	21	49	3
15VV1A1250	R13203	Engineering Physics	22	50	3
15VV1A1250	R13207	Mathematics-II (Mathematical Methods)	19	51	3
15VV1A1250	R13208	Professional Ethics and Human Values	22	41	3
15VV1A1250	R13209	Engineering Drawing	28	50	3
15VV1A1250	R13213	English Communication Skills Lab-1	23	43	2
15VV1A1250	R13214	Engineering Physics Laboratory	24	37	2
15VV1A1250	R13216	Engineering Workshop & IT Workshop	23	39	2
15VV1A1251	R13201	English-II	22	46	3
15VV1A1251	R13202	Mathematics-III	20	48	3
15VV1A1251	R13203	Engineering Physics	22	61	3
15VV1A1251	R13207	Mathematics-II (Mathematical Methods)	22	53	3
15VV1A1251	R13208	Professional Ethics and Human Values	22	42	3
15VV1A1251	R13209	Engineering Drawing	21	39	3
15VV1A1251	R13213	English Communication Skills Lab-1	20	39	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A1251	R13214	Engineering Physics Laboratory	22	42	2
15VV1A1251	R13216	Engineering Workshop & IT Workshop	25	36	2
15VV1A1252	R13201	English-II	23	42	3
15VV1A1252	R13202	Mathematics-III	13	30	3
15VV1A1252	R13203	Engineering Physics	16	42	3
15VV1A1252	R13207	Mathematics-II (Mathematical Methods)	12	40	3
15VV1A1252	R13208	Professional Ethics and Human Values	23	36	3
15VV1A1252	R13209	Engineering Drawing	19	31	3
15VV1A1252	R13213	English Communication Skills Lab-1	21	41	2
15VV1A1252	R13214	Engineering Physics Laboratory	20	33	2
15VV1A1252	R13216	Engineering Workshop & IT Workshop	23	36	2
15VV1A1253	R13201	English-II	21	44	3
15VV1A1253	R13202	Mathematics-III	15	51	3
15VV1A1253	R13203	Engineering Physics	19	35	3
15VV1A1253	R13207	Mathematics-II (Mathematical Methods)	16	50	3
15VV1A1253	R13208	Professional Ethics and Human Values	21	35	3
15VV1A1253	R13209	Engineering Drawing	22	45	3
15VV1A1253	R13213	English Communication Skills Lab-1	21	41	2
15VV1A1253	R13214	Engineering Physics Laboratory	22	41	2
15VV1A1253	R13216	Engineering Workshop & IT Workshop	22	37	2
15VV1A1254	R13201	English-II	24	34	3
15VV1A1254	R13202	Mathematics-III	21	37	3
15VV1A1254	R13203	Engineering Physics	21	54	3
15VV1A1254	R13207	Mathematics-II (Mathematical Methods)	18	45	3
15VV1A1254	R13208	Professional Ethics and Human Values	24	42	3
15VV1A1254	R13209	Engineering Drawing	28	47	3
15VV1A1254	R13213	English Communication Skills Lab-1	21	39	2
15VV1A1254	R13214	Engineering Physics Laboratory	24	39	2
15VV1A1254	R13216	Engineering Workshop & IT Workshop	23	39	2
15VV1A1255	R13201	English-II	21	50	3
15VV1A1255	R13202	Mathematics-III	17	43	3
15VV1A1255	R13203	Engineering Physics	15	31	3
15VV1A1255	R13207	Mathematics-II (Mathematical Methods)	15	49	3
15VV1A1255	R13208	Professional Ethics and Human Values	23	38	3
15VV1A1255	R13209	Engineering Drawing	23	45	3
15VV1A1255	R13213	English Communication Skills Lab-1	22	38	2
15VV1A1255	R13214	Engineering Physics Laboratory	24	33	2
15VV1A1255	R13216	Engineering Workshop & IT Workshop	24	35	2
15VV1A1256	R13201	English-II	25	55	3
15VV1A1256	R13202	Mathematics-III	23	60	3
15VV1A1256	R13203	Engineering Physics	26	60	3
15VV1A1256	R13207	Mathematics-II (Mathematical Methods)	23	54	3
15VV1A1256	R13208	Professional Ethics and Human Values	24	39	3
15VV1A1256	R13209	Engineering Drawing	23	49	3
15VV1A1256	R13213	English Communication Skills Lab-1	23	42	2
15VV1A1256	R13214	Engineering Physics Laboratory	22	42	2
15VV1A1256	R13216	Engineering Workshop & IT Workshop	24	38	2
15VV1A1257	R13201	English-II	21	40	3
15VV1A1257	R13202	Mathematics-III	12	44	3
15VV1A1257	R13203	Engineering Physics	20	45	3
15VV1A1257	R13207	Mathematics-II (Mathematical Methods)	14	46	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A1257	R13208	Professional Ethics and Human Values	21	38	3
15VV1A1257	R13209	Engineering Drawing	22	39	3
15VV1A1257	R13213	English Communication Skills Lab-1	21	45	2
15VV1A1257	R13214	Engineering Physics Laboratory	20	29	2
15VV1A1257	R13216	Engineering Workshop & IT Workshop	23	39	2
15VV1A3101	R13201	English-II	17	49	3
15VV1A3101	R13202	Mathematics-III	17	39	3
15VV1A3101	R13203	Engineering Physics	20	59	3
15VV1A3101	R13207	Mathematics-II (Mathematical Methods)	18	42	3
15VV1A3101	R13208	Professional Ethics and Human Values	20	36	3
15VV1A3101	R13209	Engineering Drawing	18	40	3
15VV1A3101	R13213	English Communication Skills Lab-1	18	38	2
15VV1A3101	R13214	Engineering Physics Laboratory	20	32	2
15VV1A3101	R13216	Engineering Workshop & IT Workshop	20	39	2
15VV1A3102	R13201	English-II	15	45	3
15VV1A3102	R13202	Mathematics-III	7	26	0
15VV1A3102	R13203	Engineering Physics	12	29	3
15VV1A3102	R13207	Mathematics-II (Mathematical Methods)	8	22	0
15VV1A3102	R13208	Professional Ethics and Human Values	20	39	3
15VV1A3102	R13209	Engineering Drawing	20	24	3
15VV1A3102	R13213	English Communication Skills Lab-1	21	37	2
15VV1A3102	R13214	Engineering Physics Laboratory	17	26	2
15VV1A3102	R13216	Engineering Workshop & IT Workshop	20	37	2
15VV1A3103	R13201	English-II	24	47	3
15VV1A3103	R13202	Mathematics-III	8	9	0
15VV1A3103	R13203	Engineering Physics	15	6	0
15VV1A3103	R13207	Mathematics-II (Mathematical Methods)	13	13	0
15VV1A3103	R13208	Professional Ethics and Human Values	19	36	3
15VV1A3103	R13209	Engineering Drawing	20	34	3
15VV1A3103	R13213	English Communication Skills Lab-1	21	42	2
15VV1A3103	R13214	Engineering Physics Laboratory	22	29	2
15VV1A3103	R13216	Engineering Workshop & IT Workshop	19	39	2
15VV1A3104	R13201	English-II	16	47	3
15VV1A3104	R13202	Mathematics-III	5	35	3
15VV1A3104	R13203	Engineering Physics	10	34	3
15VV1A3104	R13207	Mathematics-II (Mathematical Methods)	14	41	3
15VV1A3104	R13208	Professional Ethics and Human Values	25	36	3
15VV1A3104	R13209	Engineering Drawing	25	30	3
15VV1A3104	R13213	English Communication Skills Lab-1	19	38	2
15VV1A3104	R13214	Engineering Physics Laboratory	23	30	2
15VV1A3104	R13216	Engineering Workshop & IT Workshop	19	37	2
15VV1A3105	R13201	English-II	16	48	3
15VV1A3105	R13202	Mathematics-III	11	32	3
15VV1A3105	R13203	Engineering Physics	11	35	3
15VV1A3105	R13207	Mathematics-II (Mathematical Methods)	17	31	3
15VV1A3105	R13208	Professional Ethics and Human Values	21	40	3
15VV1A3105	R13209	Engineering Drawing	20	26	3
15VV1A3105	R13213	English Communication Skills Lab-1	19	36	2
15VV1A3105	R13214	Engineering Physics Laboratory	20	29	2
15VV1A3105	R13216	Engineering Workshop & IT Workshop	19	40	2
15VV1A3106	R13201	English-II	24	46	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A3106	R13202	Mathematics-III	20	39	3
15VV1A3106	R13203	Engineering Physics	22	49	3
15VV1A3106	R13207	Mathematics-II (Mathematical Methods)	23	46	3
15VV1A3106	R13208	Professional Ethics and Human Values	27	38	3
15VV1A3106	R13209	Engineering Drawing	25	35	3
15VV1A3106	R13213	English Communication Skills Lab-1	22	48	2
15VV1A3106	R13214	Engineering Physics Laboratory	25	32	2
15VV1A3106	R13216	Engineering Workshop & IT Workshop	23	41	2
15VV1A3107	R13201	English-II	18	49	3
15VV1A3107	R13202	Mathematics-III	13	47	3
15VV1A3107	R13203	Engineering Physics	15	45	3
15VV1A3107	R13207	Mathematics-II (Mathematical Methods)	18	50	3
15VV1A3107	R13208	Professional Ethics and Human Values	20	39	3
15VV1A3107	R13209	Engineering Drawing	23	48	3
15VV1A3107	R13213	English Communication Skills Lab-1	21	42	2
15VV1A3107	R13214	Engineering Physics Laboratory	24	31	2
15VV1A3107	R13216	Engineering Workshop & IT Workshop	22	41	2
15VV1A3108	R13201	English-II	24	49	3
15VV1A3108	R13202	Mathematics-III	19	39	3
15VV1A3108	R13203	Engineering Physics	18	38	3
15VV1A3108	R13207	Mathematics-II (Mathematical Methods)	20	58	3
15VV1A3108	R13208	Professional Ethics and Human Values	25	38	3
15VV1A3108	R13209	Engineering Drawing	28	60	3
15VV1A3108	R13213	English Communication Skills Lab-1	21	42	2
15VV1A3108	R13214	Engineering Physics Laboratory	25	31	2
15VV1A3108	R13216	Engineering Workshop & IT Workshop	22	41	2
15VV1A3109	R13201	English-II	24	50	3
15VV1A3109	R13202	Mathematics-III	23	41	3
15VV1A3109	R13203	Engineering Physics	19	38	3
15VV1A3109	R13207	Mathematics-II (Mathematical Methods)	25	46	3
15VV1A3109	R13208	Professional Ethics and Human Values	25	38	3
15VV1A3109	R13209	Engineering Drawing	28	58	3
15VV1A3109	R13213	English Communication Skills Lab-1	21	43	2
15VV1A3109	R13214	Engineering Physics Laboratory	25	37	2
15VV1A3109	R13216	Engineering Workshop & IT Workshop	22	38	2
15VV1A3110	R13201	English-II	18	52	3
15VV1A3110	R13202	Mathematics-III	11	33	3
15VV1A3110	R13203	Engineering Physics	9	57	3
15VV1A3110	R13207	Mathematics-II (Mathematical Methods)	18	35	3
15VV1A3110	R13208	Professional Ethics and Human Values	15	37	3
15VV1A3110	R13209	Engineering Drawing	25	44	3
15VV1A3110	R13213	English Communication Skills Lab-1	22	43	2
15VV1A3110	R13214	Engineering Physics Laboratory	24	37	2
15VV1A3110	R13216	Engineering Workshop & IT Workshop	21	40	2
15VV1A3111	R13201	English-II	13	39	3
15VV1A3111	R13202	Mathematics-III	14	26	3
15VV1A3111	R13203	Engineering Physics	9	12	0
15VV1A3111	R13207	Mathematics-II (Mathematical Methods)	11	32	3
15VV1A3111	R13208	Professional Ethics and Human Values	22	32	3
15VV1A3111	R13209	Engineering Drawing	21	37	3
15VV1A3111	R13213	English Communication Skills Lab-1	20	39	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A3111	R13214	Engineering Physics Laboratory	15	33	2
15VV1A3111	R13216	Engineering Workshop & IT Workshop	19	35	2
15VV1A3112	R13201	English-II	21	54	3
15VV1A3112	R13202	Mathematics-III	14	42	3
15VV1A3112	R13203	Engineering Physics	17	51	3
15VV1A3112	R13207	Mathematics-II (Mathematical Methods)	21	47	3
15VV1A3112	R13208	Professional Ethics and Human Values	22	40	3
15VV1A3112	R13209	Engineering Drawing	24	39	3
15VV1A3112	R13213	English Communication Skills Lab-1	22	40	2
15VV1A3112	R13214	Engineering Physics Laboratory	22	33	2
15VV1A3112	R13216	Engineering Workshop & IT Workshop	23	42	2
15VV1A3114	R13201	English-II	20	47	3
15VV1A3114	R13202	Mathematics-III	20	43	3
15VV1A3114	R13203	Engineering Physics	21	47	3
15VV1A3114	R13207	Mathematics-II (Mathematical Methods)	25	47	3
15VV1A3114	R13208	Professional Ethics and Human Values	21	38	3
15VV1A3114	R13209	Engineering Drawing	28	56	3
15VV1A3114	R13213	English Communication Skills Lab-1	21	44	2
15VV1A3114	R13214	Engineering Physics Laboratory	24	33	2
15VV1A3114	R13216	Engineering Workshop & IT Workshop	23	45	2
15VV1A3115	R13201	English-II	22	52	3
15VV1A3115	R13202	Mathematics-III	14	34	3
15VV1A3115	R13203	Engineering Physics	22	54	3
15VV1A3115	R13207	Mathematics-II (Mathematical Methods)	19	32	3
15VV1A3115	R13208	Professional Ethics and Human Values	23	37	3
15VV1A3115	R13209	Engineering Drawing	25	35	3
15VV1A3115	R13213	English Communication Skills Lab-1	20	40	2
15VV1A3115	R13214	Engineering Physics Laboratory	25	40	2
15VV1A3115	R13216	Engineering Workshop & IT Workshop	22	38	2
15VV1A3116	R13201	English-II	16	48	3
15VV1A3116	R13202	Mathematics-III	8	19	0
15VV1A3116	R13203	Engineering Physics	16	18	0
15VV1A3116	R13207	Mathematics-II (Mathematical Methods)	13	20	0
15VV1A3116	R13208	Professional Ethics and Human Values	18	38	3
15VV1A3116	R13209	Engineering Drawing	7	33	3
15VV1A3116	R13213	English Communication Skills Lab-1	19	36	2
15VV1A3116	R13214	Engineering Physics Laboratory	14	29	2
15VV1A3116	R13216	Engineering Workshop & IT Workshop	19	36	2
15VV1A3117	R13201	English-II	20	46	3
15VV1A3117	R13202	Mathematics-III	14	26	3
15VV1A3117	R13203	Engineering Physics	14	26	3
15VV1A3117	R13207	Mathematics-II (Mathematical Methods)	16	39	3
15VV1A3117	R13208	Professional Ethics and Human Values	18	36	3
15VV1A3117	R13209	Engineering Drawing	25	42	3
15VV1A3117	R13213	English Communication Skills Lab-1	22	40	2
15VV1A3117	R13214	Engineering Physics Laboratory	22	31	2
15VV1A3117	R13216	Engineering Workshop & IT Workshop	19	35	2
15VV1A3118	R13201	English-II	20	39	3
15VV1A3118	R13202	Mathematics-III	13	27	3
15VV1A3118	R13203	Engineering Physics	13	34	3
15VV1A3118	R13207	Mathematics-II (Mathematical Methods)	16	33	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A3118	R13208	Professional Ethics and Human Values	24	39	3
15VV1A3118	R13209	Engineering Drawing	23	28	3
15VV1A3118	R13213	English Communication Skills Lab-1	23	44	2
15VV1A3118	R13214	Engineering Physics Laboratory	24	36	2
15VV1A3118	R13216	Engineering Workshop & IT Workshop	21	39	2
15VV1A3119	R13201	English-II	17	36	3
15VV1A3119	R13202	Mathematics-III	12	28	3
15VV1A3119	R13203	Engineering Physics	15	20	0
15VV1A3119	R13207	Mathematics-II (Mathematical Methods)	15	32	3
15VV1A3119	R13208	Professional Ethics and Human Values	20	33	3
15VV1A3119	R13209	Engineering Drawing	21	28	3
15VV1A3119	R13213	English Communication Skills Lab-1	18	35	2
15VV1A3119	R13214	Engineering Physics Laboratory	22	25	2
15VV1A3119	R13216	Engineering Workshop & IT Workshop	19	35	2
15VV1A3120	R13201	English-II	17	39	3
15VV1A3120	R13202	Mathematics-III	13	27	3
15VV1A3120	R13203	Engineering Physics	14	12	0
15VV1A3120	R13207	Mathematics-II (Mathematical Methods)	18	34	3
15VV1A3120	R13208	Professional Ethics and Human Values	19	36	3
15VV1A3120	R13209	Engineering Drawing	24	44	3
15VV1A3120	R13213	English Communication Skills Lab-1	18	35	2
15VV1A3120	R13214	Engineering Physics Laboratory	22	39	2
15VV1A3120	R13216	Engineering Workshop & IT Workshop	20	41	2
15VV1A3121	R13201	English-II	20	44	3
15VV1A3121	R13202	Mathematics-III	19	35	3
15VV1A3121	R13203	Engineering Physics	14	19	0
15VV1A3121	R13207	Mathematics-II (Mathematical Methods)	20	40	3
15VV1A3121	R13208	Professional Ethics and Human Values	18	37	3
15VV1A3121	R13209	Engineering Drawing	22	43	3
15VV1A3121	R13213	English Communication Skills Lab-1	21	36	2
15VV1A3121	R13214	Engineering Physics Laboratory	19	26	2
15VV1A3121	R13216	Engineering Workshop & IT Workshop	19	34	2
15VV1A3122	R13201	English-II	20	43	3
15VV1A3122	R13202	Mathematics-III	7	33	3
15VV1A3122	R13203	Engineering Physics	12	31	3
15VV1A3122	R13207	Mathematics-II (Mathematical Methods)	13	40	3
15VV1A3122	R13208	Professional Ethics and Human Values	16	38	3
15VV1A3122	R13209	Engineering Drawing	21	27	3
15VV1A3122	R13213	English Communication Skills Lab-1	19	40	2
15VV1A3122	R13214	Engineering Physics Laboratory	21	31	2
15VV1A3122	R13216	Engineering Workshop & IT Workshop	20	36	2
15VV1A3123	R13201	English-II	17	43	3
15VV1A3123	R13202	Mathematics-III	12	28	3
15VV1A3123	R13203	Engineering Physics	13	4	0
15VV1A3123	R13207	Mathematics-II (Mathematical Methods)	15	28	3
15VV1A3123	R13208	Professional Ethics and Human Values	16	32	3
15VV1A3123	R13209	Engineering Drawing	20	24	3
15VV1A3123	R13213	English Communication Skills Lab-1	18	37	2
15VV1A3123	R13214	Engineering Physics Laboratory	19	24	2
15VV1A3123	R13216	Engineering Workshop & IT Workshop	18	37	2
15VV1A3124	R13201	English-II	20	42	3

Htno	Subcode	Subname	Internal	External	credits
15VV1A3124	R13202	Mathematics-III	15	25	3
15VV1A3124	R13203	Engineering Physics	15	32	3
15VV1A3124	R13207	Mathematics-II (Mathematical Methods)	14	32	3
15VV1A3124	R13208	Professional Ethics and Human Values	20	39	3
15VV1A3124	R13209	Engineering Drawing	24	35	3
15VV1A3124	R13213	English Communication Skills Lab-1	22	41	2
15VV1A3124	R13214	Engineering Physics Laboratory	19	28	2
15VV1A3124	R13216	Engineering Workshop & IT Workshop	19	37	2
15VV1A3125	R13201	English-II	19	41	3
15VV1A3125	R13202	Mathematics-III	8	32	3
15VV1A3125	R13203	Engineering Physics	15	27	3
15VV1A3125	R13207	Mathematics-II (Mathematical Methods)	15	31	3
15VV1A3125	R13208	Professional Ethics and Human Values	20	34	3
15VV1A3125	R13209	Engineering Drawing	19	24	3
15VV1A3125	R13213	English Communication Skills Lab-1	21	44	2
15VV1A3125	R13214	Engineering Physics Laboratory	23	36	2
15VV1A3125	R13216	Engineering Workshop & IT Workshop	22	39	2
15VV1A3126	R13201	English-II	22	47	3
15VV1A3126	R13202	Mathematics-III	15	28	3
15VV1A3126	R13203	Engineering Physics	21	29	3
15VV1A3126	R13207	Mathematics-II (Mathematical Methods)	20	45	3
15VV1A3126	R13208	Professional Ethics and Human Values	26	38	3
15VV1A3126	R13209	Engineering Drawing	26	36	3
15VV1A3126	R13213	English Communication Skills Lab-1	22	40	2
15VV1A3126	R13214	Engineering Physics Laboratory	19	36	2
15VV1A3126	R13216	Engineering Workshop & IT Workshop	21	38	2
15VV1A3127	R13201	English-II	15	35	3
15VV1A3127	R13202	Mathematics-III	7	6	0
15VV1A3127	R13203	Engineering Physics	12	7	0
15VV1A3127	R13207	Mathematics-II (Mathematical Methods)	18	16	0
15VV1A3127	R13208	Professional Ethics and Human Values	15	28	3
15VV1A3127	R13209	Engineering Drawing	22	25	3
15VV1A3127	R13213	English Communication Skills Lab-1	18	36	2
15VV1A3127	R13214	Engineering Physics Laboratory	21	18	2
15VV1A3127	R13216	Engineering Workshop & IT Workshop	19	36	2
15VV1A3128	R13201	English-II	16	35	3
15VV1A3128	R13202	Mathematics-III	10	18	0
15VV1A3128	R13203	Engineering Physics	15	25	3
15VV1A3128	R13207	Mathematics-II (Mathematical Methods)	12	21	0
15VV1A3128	R13208	Professional Ethics and Human Values	18	37	3
15VV1A3128	R13209	Engineering Drawing	22	27	3
15VV1A3128	R13213	English Communication Skills Lab-1	18	36	2
15VV1A3128	R13214	Engineering Physics Laboratory	22	26	2
15VV1A3128	R13216	Engineering Workshop & IT Workshop	18	37	2
15VV1A3129	R13201	English-II	19	47	3
15VV1A3129	R13202	Mathematics-III	12	16	0
15VV1A3129	R13203	Engineering Physics	12	28	3
15VV1A3129	R13207	Mathematics-II (Mathematical Methods)	13	33	3
15VV1A3129	R13208	Professional Ethics and Human Values	17	36	3
15VV1A3129	R13209	Engineering Drawing	21	29	3
15VV1A3129	R13213	English Communication Skills Lab-1	19	44	2

Htno	Subcode	Subname	Internal	External	credits
15VV1A3129	R13214	Engineering Physics Laboratory	20	24	2
15VV1A3129	R13216	Engineering Workshop & IT Workshop	20	41	2
15VV1A3130	R13201	English-II	19	46	3
15VV1A3130	R13202	Mathematics-III	13	36	3
15VV1A3130	R13203	Engineering Physics	17	50	3
15VV1A3130	R13207	Mathematics-II (Mathematical Methods)	14	33	3
15VV1A3130	R13208	Professional Ethics and Human Values	22	33	3
15VV1A3130	R13209	Engineering Drawing	22	44	3
15VV1A3130	R13213	English Communication Skills Lab-1	23	44	2
15VV1A3130	R13214	Engineering Physics Laboratory	19	28	2
15VV1A3130	R13216	Engineering Workshop & IT Workshop	21	40	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

N. Mohan Rao

Date:09-09-2016

Controller of Examinations