



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for II B.Tech(R10) II Semester Supply Examinations on August-2014

College: ST.MARYS GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0423	R22026	CONTROL SYSTEMS	14	0	0
09BJ1A0423	R22041	ANALOG COMMUNICATIONS	11	13	0
09BJ1A0429	R22023	SWITCHING THEORY & LOGIC DESIGN	8	-1	0
09BJ1A0429	R22026	CONTROL SYSTEMS	12	-1	0
09BJ1A0429	R22042	EMWTL	13	-1	0
09BJ1A0526	R22054	COMPUTER ORGANIZATION	14	-1	0
09BJ1A0526	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	-1	0
09BJ1A0526	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	0	0
109T1A0406	R22021	PULSE & DIGITAL CIRCUITS	13	2	0
109T1A0406	R22023	SWITCHING THEORY & LOGIC DESIGN	11	2	0
109T1A0406	R22041	ANALOG COMMUNICATIONS	11	-1	0
109T1A0406	R22042	EMWTL	14	2	0
109T1A0406	R22043	ELECTRONIC CIRCUIT ANALYSIS	9	0	0
10BJ1A0208	R22023	SWITCHING THEORY & LOGIC DESIGN	16	0	0
10BJ1A0209	R22023	SWITCHING THEORY & LOGIC DESIGN	19	0	0
10BJ1A0218	R22023	SWITCHING THEORY & LOGIC DESIGN	16	0	0
10BJ1A0218	R22026	CONTROL SYSTEMS	16	0	0
10BJ1A0227	R22023	SWITCHING THEORY & LOGIC DESIGN	20	14	0
10BJ1A0227	R22026	CONTROL SYSTEMS	15	1	0
10BJ1A0229	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
10BJ1A0234	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
10BJ1A0234	R22025	ELECTRICAL CIRCUIT ANALYSIS-II	10	2	0
10BJ1A0235	R22023	SWITCHING THEORY & LOGIC DESIGN	18	0	0
10BJ1A0235	R22026	CONTROL SYSTEMS	16	0	0
10BJ1A0237	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
10BJ1A0237	R22024	ELECTRICAL MACHINES-II	7	6	0
10BJ1A0237	R22025	ELECTRICAL CIRCUIT ANALYSIS-II	9	0	0
10BJ1A0239	R22022	POWER SYSTEMS-I	7	1	0
10BJ1A0239	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
10BJ1A0239	R22024	ELECTRICAL MACHINES-II	11	0	0
10BJ1A0239	R22026	CONTROL SYSTEMS	13	0	0
10BJ1A0242	R22021	PULSE & DIGITAL CIRCUITS	18	-1	0
10BJ1A0242	R22023	SWITCHING THEORY & LOGIC DESIGN	18	-1	0
10BJ1A0242	R22024	ELECTRICAL MACHINES-II	12	-1	0
10BJ1A0242	R22025	ELECTRICAL CIRCUIT ANALYSIS-II	14	-1	0
10BJ1A0242	R22026	CONTROL SYSTEMS	13	-1	0
10BJ1A0313	R22031	MECHANICS OF SOLIDS	14	6	0
10BJ1A0317	R22031	MECHANICS OF SOLIDS	14	-1	0
10BJ1A0335	R22031	MECHANICS OF SOLIDS	11	-1	0
10BJ1A0337	R22031	MECHANICS OF SOLIDS	11	6	0
10BJ1A0406	R22026	CONTROL SYSTEMS	12	11	0
10BJ1A0420	R22026	CONTROL SYSTEMS	13	0	0
10BJ1A0421	R22023	SWITCHING THEORY & LOGIC DESIGN	18	7	0
10BJ1A0421	R22026	CONTROL SYSTEMS	6	0	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0423	R22026	CONTROL SYSTEMS	14	0	0
10BJ1A0430	R22026	CONTROL SYSTEMS	12	-1	0
10BJ1A0435	R22023	SWITCHING THEORY & LOGIC DESIGN	14	-1	0
10BJ1A0435	R22026	CONTROL SYSTEMS	13	-1	0
10BJ1A0435	R22043	ELECTRONIC CIRCUIT ANALYSIS	11	0	0
10BJ1A0437	R22023	SWITCHING THEORY & LOGIC DESIGN	14	0	0
10BJ1A0437	R22026	CONTROL SYSTEMS	10	12	0
10BJ1A0441	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
10BJ1A0441	R22026	CONTROL SYSTEMS	11	0	0
10BJ1A0441	R22043	ELECTRONIC CIRCUIT ANALYSIS	14	0	0
10BJ1A0443	R22023	SWITCHING THEORY & LOGIC DESIGN	15	2	0
10BJ1A0443	R22026	CONTROL SYSTEMS	11	1	0
10BJ1A0443	R22043	ELECTRONIC CIRCUIT ANALYSIS	11	0	0
10BJ1A0444	R22026	CONTROL SYSTEMS	14	2	0
10BJ1A0448	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
10BJ1A0448	R22026	CONTROL SYSTEMS	14	7	0
10BJ1A0449	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
10BJ1A0449	R22026	CONTROL SYSTEMS	7	0	0
10BJ1A0451	R22026	CONTROL SYSTEMS	15	0	0
10BJ1A0451	R22041	ANALOG COMMUNICATIONS	13	10	0
10BJ1A0452	R22026	CONTROL SYSTEMS	9	-1	0
10BJ1A0540	R22051	SOFTWARE ENGINEERING	17	28	4
10BJ1A0540	R22053	DATA BASE MANAGEMENT SYSTEMS	11	5	0
10BJ1A0541	R22054	COMPUTER ORGANIZATION	14	18	0
10BJ1A0563	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	18	0
10BJ1A0563	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	11	0
10BJ1A0570	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	10	0
10BJ1A0577	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	13	7	0
11A91A0293	R22021	PULSE & DIGITAL CIRCUITS	7	4	0
11A91A0293	R22024	ELECTRICAL MACHINES-II	6	26	0
11A91A0293	R22026	CONTROL SYSTEMS	10	1	0
11A91A0293	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	11	4	0
11BJ1A0309	R22032	KINEMATICS OF MACHINERY	17	16	0
11BJ1A0312	R22034	PRODUCTION TECHNOLOGY	14	7	0
11BJ1A0312	R22035	METALL. & MATER. SCI.	14	0	0
11BJ1A0317	R22031	MECHANICS OF SOLIDS	17	34	4
11BJ1A0318	R22031	MECHANICS OF SOLIDS	19	4	0
11BJ1A0322	R22031	MECHANICS OF SOLIDS	18	0	0
11BJ1A0327	R22034	PRODUCTION TECHNOLOGY	21	6	0
11BJ1A0327	R22036	MACHINE DRAWING	22	3	0
11BJ1A0328	R22034	PRODUCTION TECHNOLOGY	14	31	4
11BJ1A0330	R22031	MECHANICS OF SOLIDS	18	1	0
11BJ1A0403	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	16	0
11BJ1A0406	R22026	CONTROL SYSTEMS	22	34	4
11BJ1A0408	R22041	ANALOG COMMUNICATIONS	22	29	4
11BJ1A0410	R22026	CONTROL SYSTEMS	17	3	0
11BJ1A0419	R22043	ELECTRONIC CIRCUIT ANALYSIS	14	44	4
11BJ1A0423	R22021	PULSE & DIGITAL CIRCUITS	-1	3	0
11BJ1A0423	R22023	SWITCHING THEORY & LOGIC DESIGN	9	0	0
11BJ1A0423	R22026	CONTROL SYSTEMS	13	0	0
11BJ1A0423	R22043	ELECTRONIC CIRCUIT ANALYSIS	12	0	0

Htno	Subcode	Subname	Internal	External	credits
11BJ1A0439	R22042	EMWTL	3	0	0
11BJ1A0439	R22043	ELECTRONIC CIRCUIT ANALYSIS	-1	8	0
11BJ1A0441	R22026	CONTROL SYSTEMS	12	2	0
11BJ1A0443	R22023	SWITCHING THEORY & LOGIC DESIGN	7	0	0
11BJ1A0443	R22026	CONTROL SYSTEMS	14	0	0
11BJ1A0445	R22026	CONTROL SYSTEMS	14	41	4
11BJ1A0451	R22023	SWITCHING THEORY & LOGIC DESIGN	7	0	0
11BJ1A0451	R22026	CONTROL SYSTEMS	16	0	0
11BJ1A0456	R22021	PULSE & DIGITAL CIRCUITS	15	21	0
11BJ1A0456	R22026	CONTROL SYSTEMS	14	5	0
11BJ1A0463	R22023	SWITCHING THEORY & LOGIC DESIGN	17	45	4
11BJ1A0467	R22023	SWITCHING THEORY & LOGIC DESIGN	7	-1	0
11BJ1A0467	R22026	CONTROL SYSTEMS	14	-1	0
11BJ1A0467	R22045	ANALOG COMMUNICATIONS LAB	15	-1	0
11BJ1A0473	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	40	1
11BJ1A0473	R22021	PULSE & DIGITAL CIRCUITS	18	-1	0
11BJ1A0473	R22023	SWITCHING THEORY & LOGIC DESIGN	15	-1	0
11BJ1A0473	R22026	CONTROL SYSTEMS	15	-1	0
11BJ1A0473	R22041	ANALOG COMMUNICATIONS	15	-1	0
11BJ1A0473	R22042	EMWTL	15	-1	0
11BJ1A0473	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
11BJ1A0473	R22044	ELECTRONICS CIRCUITS & PDC LAB	15	39	2
11BJ1A0473	R22045	ANALOG COMMUNICATIONS LAB	14	40	2
11BJ1A0519	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	22	27	4
11BJ1A0519	R22053	DATA BASE MANAGEMENT SYSTEMS	21	30	4
11BJ1A0521	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	8	0
11BJ1A0521	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	12	20	0
11BJ1A0522	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	2	0
11BJ1A0522	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	27	4
11BJ1A0528	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	-1	0
11BJ1A0528	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	11	2	0
11BJ1A0528	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	18	34	2
11BJ1A0529	R22053	DATA BASE MANAGEMENT SYSTEMS	5	6	0
11BJ1A0529	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	12	2	0
11BJ1A0529	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	11	6	0
11BJ1A0529	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	16	35	2
11BJ1A0532	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	26	4
11BJ1A0534	R22054	COMPUTER ORGANIZATION	10	0	0
11BJ1A0534	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	31	4
11BJ1A0535	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	13	1	0
11BJ1A0535	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	8	7	0
11BJ1A0538	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	5	26	0
11BJ1A0539	R22051	SOFTWARE ENGINEERING	13	4	0
11BJ1A0539	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	13	32	4
11BJ1A0539	R22053	DATA BASE MANAGEMENT SYSTEMS	8	8	0
11BJ1A0539	R22054	COMPUTER ORGANIZATION	12	0	0
11BJ1A0539	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	11	3	0
11BJ1A0539	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	13	9	0
11BJ1A0540	R22051	SOFTWARE ENGINEERING	15	14	0
11BJ1A0540	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	13	9	0
11BJ1A0540	R22053	DATA BASE MANAGEMENT SYSTEMS	10	6	0

Htno	Subcode	Subname	Internal	External	credits
11BJ1A0540	R22054	COMPUTER ORGANIZATION	17	15	0
11BJ1A0540	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	33	4
11BJ1A0541	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	18	0
11BJ1A0542	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	19	0
11BJ1A0542	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	0	0
11BJ1A0543	R22053	DATA BASE MANAGEMENT SYSTEMS	15	26	4
11BJ1A0543	R22054	COMPUTER ORGANIZATION	13	1	0
11BJ1A0543	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	0	0
11BJ1A0543	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	3	0
11BJ1A0544	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	12	0
11FE1A0206	R22021	PULSE & DIGITAL CIRCUITS	6	12	0
11FE1A0206	R22022	POWER SYSTEMS-I	8	-1	0
11FE1A0206	R22023	SWITCHING THEORY & LOGIC DESIGN	9	2	0
11FE1A0206	R22024	ELECTRICAL MACHINES-II	2	33	0
11FE1A0206	R22026	CONTROL SYSTEMS	5	1	0
11FE1A0206	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	9	6	0
11NA1A0402	R22023	SWITCHING THEORY & LOGIC DESIGN	0	0	0
11NA1A0402	R22026	CONTROL SYSTEMS	5	0	0
12BJ1A0201	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0201	R22021	PULSE & DIGITAL CIRCUITS	15	28	4
12BJ1A0201	R22022	POWER SYSTEMS-I	20	26	4
12BJ1A0201	R22023	SWITCHING THEORY & LOGIC DESIGN	20	18	0
12BJ1A0201	R22024	ELECTRICAL MACHINES-II	20	26	4
12BJ1A0201	R22026	CONTROL SYSTEMS	18	26	4
12BJ1A0201	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	20	11	0
12BJ1A0201	R2202A	EM-I LAB	24	49	2
12BJ1A0201	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	49	2
12BJ1A0202	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0202	R22021	PULSE & DIGITAL CIRCUITS	14	14	0
12BJ1A0202	R22022	POWER SYSTEMS-I	15	13	0
12BJ1A0202	R22023	SWITCHING THEORY & LOGIC DESIGN	14	16	0
12BJ1A0202	R22024	ELECTRICAL MACHINES-II	20	11	0
12BJ1A0202	R22026	CONTROL SYSTEMS	14	10	0
12BJ1A0202	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	26	4
12BJ1A0202	R2202A	EM-I LAB	18	35	2
12BJ1A0202	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	35	2
12BJ1A0203	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	46	1
12BJ1A0203	R22021	PULSE & DIGITAL CIRCUITS	20	28	4
12BJ1A0203	R22022	POWER SYSTEMS-I	21	27	4
12BJ1A0203	R22023	SWITCHING THEORY & LOGIC DESIGN	23	38	4
12BJ1A0203	R22024	ELECTRICAL MACHINES-II	18	29	4
12BJ1A0203	R22026	CONTROL SYSTEMS	21	28	4
12BJ1A0203	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	22	26	4
12BJ1A0203	R2202A	EM-I LAB	21	45	2
12BJ1A0203	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	21	45	2
12BJ1A0204	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	46	1
12BJ1A0204	R22021	PULSE & DIGITAL CIRCUITS	22	28	4
12BJ1A0204	R22022	POWER SYSTEMS-I	21	52	4
12BJ1A0204	R22023	SWITCHING THEORY & LOGIC DESIGN	22	32	4
12BJ1A0204	R22024	ELECTRICAL MACHINES-II	19	43	4
12BJ1A0204	R22026	CONTROL SYSTEMS	23	32	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0204	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	21	37	4
12BJ1A0204	R2202A	EM-I LAB	25	49	2
12BJ1A0204	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	25	49	2
12BJ1A0205	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0205	R22021	PULSE & DIGITAL CIRCUITS	23	27	4
12BJ1A0205	R22022	POWER SYSTEMS-I	21	12	0
12BJ1A0205	R22023	SWITCHING THEORY & LOGIC DESIGN	20	26	4
12BJ1A0205	R22024	ELECTRICAL MACHINES-II	19	34	4
12BJ1A0205	R22026	CONTROL SYSTEMS	21	28	4
12BJ1A0205	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	21	10	0
12BJ1A0205	R2202A	EM-I LAB	21	46	2
12BJ1A0205	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	48	2
12BJ1A0206	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	50	1
12BJ1A0206	R22021	PULSE & DIGITAL CIRCUITS	24	33	4
12BJ1A0206	R22022	POWER SYSTEMS-I	23	67	4
12BJ1A0206	R22023	SWITCHING THEORY & LOGIC DESIGN	25	48	4
12BJ1A0206	R22024	ELECTRICAL MACHINES-II	23	44	4
12BJ1A0206	R22026	CONTROL SYSTEMS	25	45	4
12BJ1A0206	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	23	41	4
12BJ1A0206	R2202A	EM-I LAB	25	50	2
12BJ1A0206	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	25	50	2
12BJ1A0207	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0207	R22021	PULSE & DIGITAL CIRCUITS	15	33	4
12BJ1A0207	R22022	POWER SYSTEMS-I	18	49	4
12BJ1A0207	R22023	SWITCHING THEORY & LOGIC DESIGN	20	47	4
12BJ1A0207	R22024	ELECTRICAL MACHINES-II	15	38	4
12BJ1A0207	R22026	CONTROL SYSTEMS	21	30	4
12BJ1A0207	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	45	4
12BJ1A0207	R2202A	EM-I LAB	25	49	2
12BJ1A0207	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	25	49	2
12BJ1A0208	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	46	1
12BJ1A0208	R22021	PULSE & DIGITAL CIRCUITS	15	8	0
12BJ1A0208	R22022	POWER SYSTEMS-I	14	12	0
12BJ1A0208	R22023	SWITCHING THEORY & LOGIC DESIGN	14	10	0
12BJ1A0208	R22024	ELECTRICAL MACHINES-II	18	11	0
12BJ1A0208	R22026	CONTROL SYSTEMS	14	13	0
12BJ1A0208	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	11	0
12BJ1A0208	R2202A	EM-I LAB	16	30	2
12BJ1A0208	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	16	40	2
12BJ1A0209	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	46	1
12BJ1A0209	R22021	PULSE & DIGITAL CIRCUITS	14	8	0
12BJ1A0209	R22022	POWER SYSTEMS-I	16	1	0
12BJ1A0209	R22023	SWITCHING THEORY & LOGIC DESIGN	16	0	0
12BJ1A0209	R22024	ELECTRICAL MACHINES-II	14	13	0
12BJ1A0209	R22026	CONTROL SYSTEMS	14	1	0
12BJ1A0209	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	0	0
12BJ1A0209	R2202A	EM-I LAB	18	30	2
12BJ1A0209	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	30	2
12BJ1A0210	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	47	1
12BJ1A0210	R22021	PULSE & DIGITAL CIRCUITS	17	2	0
12BJ1A0210	R22022	POWER SYSTEMS-I	15	6	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0210	R22023	SWITCHING THEORY & LOGIC DESIGN	15	3	0
12BJ1A0210	R22024	ELECTRICAL MACHINES-II	16	12	0
12BJ1A0210	R22026	CONTROL SYSTEMS	15	3	0
12BJ1A0210	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	15	2	0
12BJ1A0210	R2202A	EM-I LAB	18	30	2
12BJ1A0210	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	40	2
12BJ1A0211	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0211	R22021	PULSE & DIGITAL CIRCUITS	15	35	4
12BJ1A0211	R22022	POWER SYSTEMS-I	18	37	4
12BJ1A0211	R22023	SWITCHING THEORY & LOGIC DESIGN	18	47	4
12BJ1A0211	R22024	ELECTRICAL MACHINES-II	18	26	4
12BJ1A0211	R22026	CONTROL SYSTEMS	19	30	4
12BJ1A0211	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	39	4
12BJ1A0211	R2202A	EM-I LAB	19	40	2
12BJ1A0211	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	42	2
12BJ1A0212	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	45	1
12BJ1A0212	R22021	PULSE & DIGITAL CIRCUITS	15	12	0
12BJ1A0212	R22022	POWER SYSTEMS-I	17	32	4
12BJ1A0212	R22023	SWITCHING THEORY & LOGIC DESIGN	14	0	0
12BJ1A0212	R22024	ELECTRICAL MACHINES-II	17	27	4
12BJ1A0212	R22026	CONTROL SYSTEMS	14	9	0
12BJ1A0212	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	16	8	0
12BJ1A0212	R2202A	EM-I LAB	20	40	2
12BJ1A0212	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	20	41	2
12BJ1A0213	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0213	R2202A	EM-I LAB	0	-1	0
12BJ1A0213	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	0	-1	0
12BJ1A0214	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0214	R22021	PULSE & DIGITAL CIRCUITS	19	19	0
12BJ1A0214	R22022	POWER SYSTEMS-I	16	12	0
12BJ1A0214	R22023	SWITCHING THEORY & LOGIC DESIGN	18	7	0
12BJ1A0214	R22024	ELECTRICAL MACHINES-II	16	30	4
12BJ1A0214	R22026	CONTROL SYSTEMS	15	17	0
12BJ1A0214	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	16	0	0
12BJ1A0214	R2202A	EM-I LAB	20	43	2
12BJ1A0214	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	20	45	2
12BJ1A0215	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A0215	R22021	PULSE & DIGITAL CIRCUITS	14	-1	0
12BJ1A0215	R22022	POWER SYSTEMS-I	15	-1	0
12BJ1A0215	R22023	SWITCHING THEORY & LOGIC DESIGN	16	-1	0
12BJ1A0215	R22024	ELECTRICAL MACHINES-II	14	-1	0
12BJ1A0215	R22026	CONTROL SYSTEMS	14	-1	0
12BJ1A0215	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	-1	0
12BJ1A0215	R2202A	EM-I LAB	18	30	2
12BJ1A0215	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	30	2
12BJ1A0216	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0216	R22021	PULSE & DIGITAL CIRCUITS	19	2	0
12BJ1A0216	R22022	POWER SYSTEMS-I	18	8	0
12BJ1A0216	R22023	SWITCHING THEORY & LOGIC DESIGN	15	17	0
12BJ1A0216	R22024	ELECTRICAL MACHINES-II	19	5	0
12BJ1A0216	R22026	CONTROL SYSTEMS	14	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0216	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	15	15	0
12BJ1A0216	R2202A	EM-I LAB	18	30	2
12BJ1A0216	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	43	2
12BJ1A0217	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	46	1
12BJ1A0217	R22021	PULSE & DIGITAL CIRCUITS	14	9	0
12BJ1A0217	R22022	POWER SYSTEMS-I	16	2	0
12BJ1A0217	R22023	SWITCHING THEORY & LOGIC DESIGN	16	2	0
12BJ1A0217	R22024	ELECTRICAL MACHINES-II	14	9	0
12BJ1A0217	R22026	CONTROL SYSTEMS	14	2	0
12BJ1A0217	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	15	8	0
12BJ1A0217	R2202A	EM-I LAB	19	30	2
12BJ1A0217	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	35	2
12BJ1A0218	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	46	1
12BJ1A0218	R22021	PULSE & DIGITAL CIRCUITS	21	2	0
12BJ1A0218	R22022	POWER SYSTEMS-I	18	1	0
12BJ1A0218	R22023	SWITCHING THEORY & LOGIC DESIGN	16	13	0
12BJ1A0218	R22024	ELECTRICAL MACHINES-II	16	1	0
12BJ1A0218	R22026	CONTROL SYSTEMS	15	13	0
12BJ1A0218	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	18	6	0
12BJ1A0218	R2202A	EM-I LAB	21	43	2
12BJ1A0218	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	21	43	2
12BJ1A0219	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	45	1
12BJ1A0219	R22021	PULSE & DIGITAL CIRCUITS	18	14	0
12BJ1A0219	R22022	POWER SYSTEMS-I	21	50	4
12BJ1A0219	R22023	SWITCHING THEORY & LOGIC DESIGN	19	33	4
12BJ1A0219	R22024	ELECTRICAL MACHINES-II	18	31	4
12BJ1A0219	R22026	CONTROL SYSTEMS	17	26	4
12BJ1A0219	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	30	4
12BJ1A0219	R2202A	EM-I LAB	21	34	2
12BJ1A0219	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	21	38	2
12BJ1A0220	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	45	1
12BJ1A0220	R22021	PULSE & DIGITAL CIRCUITS	15	17	0
12BJ1A0220	R22022	POWER SYSTEMS-I	16	9	0
12BJ1A0220	R22023	SWITCHING THEORY & LOGIC DESIGN	18	28	4
12BJ1A0220	R22024	ELECTRICAL MACHINES-II	19	4	0
12BJ1A0220	R22026	CONTROL SYSTEMS	17	28	4
12BJ1A0220	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	16	10	0
12BJ1A0220	R2202A	EM-I LAB	22	30	2
12BJ1A0220	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	22	30	2
12BJ1A0221	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0221	R22021	PULSE & DIGITAL CIRCUITS	16	6	0
12BJ1A0221	R22022	POWER SYSTEMS-I	16	6	0
12BJ1A0221	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A0221	R22024	ELECTRICAL MACHINES-II	15	1	0
12BJ1A0221	R22026	CONTROL SYSTEMS	14	3	0
12BJ1A0221	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	16	10	0
12BJ1A0221	R2202A	EM-I LAB	18	30	2
12BJ1A0221	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	35	2
12BJ1A0222	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0222	R22021	PULSE & DIGITAL CIRCUITS	14	4	0
12BJ1A0222	R22022	POWER SYSTEMS-I	15	1	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0222	R22023	SWITCHING THEORY & LOGIC DESIGN	15	2	0
12BJ1A0222	R22024	ELECTRICAL MACHINES-II	15	0	0
12BJ1A0222	R22026	CONTROL SYSTEMS	15	0	0
12BJ1A0222	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	0	0
12BJ1A0222	R2202A	EM-I LAB	19	30	2
12BJ1A0222	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	30	2
12BJ1A0223	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0223	R22021	PULSE & DIGITAL CIRCUITS	17	27	4
12BJ1A0223	R22022	POWER SYSTEMS-I	20	38	4
12BJ1A0223	R22023	SWITCHING THEORY & LOGIC DESIGN	20	34	4
12BJ1A0223	R22024	ELECTRICAL MACHINES-II	20	9	0
12BJ1A0223	R22026	CONTROL SYSTEMS	22	36	4
12BJ1A0223	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	22	39	4
12BJ1A0223	R2202A	EM-I LAB	24	48	2
12BJ1A0223	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	45	2
12BJ1A0224	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	46	1
12BJ1A0224	R22021	PULSE & DIGITAL CIRCUITS	17	18	0
12BJ1A0224	R22022	POWER SYSTEMS-I	17	46	4
12BJ1A0224	R22023	SWITCHING THEORY & LOGIC DESIGN	18	40	4
12BJ1A0224	R22024	ELECTRICAL MACHINES-II	16	26	4
12BJ1A0224	R22026	CONTROL SYSTEMS	17	17	0
12BJ1A0224	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	21	45	4
12BJ1A0224	R2202A	EM-I LAB	22	43	2
12BJ1A0224	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	23	44	2
12BJ1A0225	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0225	R22021	PULSE & DIGITAL CIRCUITS	18	43	4
12BJ1A0225	R22022	POWER SYSTEMS-I	21	30	4
12BJ1A0225	R22023	SWITCHING THEORY & LOGIC DESIGN	20	30	4
12BJ1A0225	R22024	ELECTRICAL MACHINES-II	17	47	4
12BJ1A0225	R22026	CONTROL SYSTEMS	20	17	0
12BJ1A0225	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	36	4
12BJ1A0225	R2202A	EM-I LAB	22	40	2
12BJ1A0225	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	22	40	2
12BJ1A0226	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0226	R22021	PULSE & DIGITAL CIRCUITS	20	18	0
12BJ1A0226	R22022	POWER SYSTEMS-I	22	14	0
12BJ1A0226	R22023	SWITCHING THEORY & LOGIC DESIGN	20	6	0
12BJ1A0226	R22024	ELECTRICAL MACHINES-II	19	28	4
12BJ1A0226	R22026	CONTROL SYSTEMS	21	5	0
12BJ1A0226	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	21	2	0
12BJ1A0226	R2202A	EM-I LAB	24	49	2
12BJ1A0226	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	49	2
12BJ1A0227	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	48	1
12BJ1A0227	R22021	PULSE & DIGITAL CIRCUITS	19	0	0
12BJ1A0227	R22022	POWER SYSTEMS-I	14	16	0
12BJ1A0227	R22023	SWITCHING THEORY & LOGIC DESIGN	18	8	0
12BJ1A0227	R22024	ELECTRICAL MACHINES-II	18	10	0
12BJ1A0227	R22026	CONTROL SYSTEMS	22	2	0
12BJ1A0227	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	2	0
12BJ1A0227	R2202A	EM-I LAB	18	40	2
12BJ1A0227	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	43	2



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0228	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0228	R22021	PULSE & DIGITAL CIRCUITS	21	27	4
12BJ1A0228	R22022	POWER SYSTEMS-I	21	36	4
12BJ1A0228	R22023	SWITCHING THEORY & LOGIC DESIGN	19	47	4
12BJ1A0228	R22024	ELECTRICAL MACHINES-II	21	35	4
12BJ1A0228	R22026	CONTROL SYSTEMS	19	26	4
12BJ1A0228	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	20	50	4
12BJ1A0228	R2202A	EM-I LAB	24	48	2
12BJ1A0228	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	49	2
12BJ1A0229	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	47	1
12BJ1A0229	R22021	PULSE & DIGITAL CIRCUITS	17	26	4
12BJ1A0229	R22022	POWER SYSTEMS-I	17	37	4
12BJ1A0229	R22023	SWITCHING THEORY & LOGIC DESIGN	16	10	0
12BJ1A0229	R22024	ELECTRICAL MACHINES-II	20	12	0
12BJ1A0229	R22026	CONTROL SYSTEMS	16	16	0
12BJ1A0229	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	26	4
12BJ1A0229	R2202A	EM-I LAB	19	41	2
12BJ1A0229	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	42	2
12BJ1A0230	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	46	1
12BJ1A0230	R22021	PULSE & DIGITAL CIRCUITS	17	18	0
12BJ1A0230	R22022	POWER SYSTEMS-I	16	13	0
12BJ1A0230	R22023	SWITCHING THEORY & LOGIC DESIGN	16	13	0
12BJ1A0230	R22024	ELECTRICAL MACHINES-II	21	28	4
12BJ1A0230	R22026	CONTROL SYSTEMS	16	4	0
12BJ1A0230	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	29	4
12BJ1A0230	R2202A	EM-I LAB	20	41	2
12BJ1A0230	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	20	41	2
12BJ1A0231	R22019	ENGLISH COMMUNICATION PRACTICE LAB	5	-1	0
12BJ1A0231	R22021	PULSE & DIGITAL CIRCUITS	14	0	0
12BJ1A0231	R22022	POWER SYSTEMS-I	14	2	0
12BJ1A0231	R22023	SWITCHING THEORY & LOGIC DESIGN	16	0	0
12BJ1A0231	R22024	ELECTRICAL MACHINES-II	11	2	0
12BJ1A0231	R22026	CONTROL SYSTEMS	11	0	0
12BJ1A0231	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	11	6	0
12BJ1A0231	R2202A	EM-I LAB	19	30	2
12BJ1A0231	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	30	2
12BJ1A0232	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	45	1
12BJ1A0232	R22021	PULSE & DIGITAL CIRCUITS	19	5	0
12BJ1A0232	R22022	POWER SYSTEMS-I	23	6	0
12BJ1A0232	R22023	SWITCHING THEORY & LOGIC DESIGN	16	10	0
12BJ1A0232	R22024	ELECTRICAL MACHINES-II	17	4	0
12BJ1A0232	R22026	CONTROL SYSTEMS	19	2	0
12BJ1A0232	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	11	0
12BJ1A0232	R2202A	EM-I LAB	19	30	2
12BJ1A0232	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	30	2
12BJ1A0233	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	50	1
12BJ1A0233	R22021	PULSE & DIGITAL CIRCUITS	22	30	4
12BJ1A0233	R22022	POWER SYSTEMS-I	22	44	4
12BJ1A0233	R22023	SWITCHING THEORY & LOGIC DESIGN	18	32	4
12BJ1A0233	R22024	ELECTRICAL MACHINES-II	21	37	4
12BJ1A0233	R22026	CONTROL SYSTEMS	19	42	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0233	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	20	39	4
12BJ1A0233	R2202A	EM-I LAB	25	50	2
12BJ1A0233	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	25	50	2
12BJ1A0234	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0234	R2202A	EM-I LAB	0	-1	0
12BJ1A0234	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	0	-1	0
12BJ1A0235	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0235	R22021	PULSE & DIGITAL CIRCUITS	21	37	4
12BJ1A0235	R22022	POWER SYSTEMS-I	23	27	4
12BJ1A0235	R22023	SWITCHING THEORY & LOGIC DESIGN	20	35	4
12BJ1A0235	R22024	ELECTRICAL MACHINES-II	20	40	4
12BJ1A0235	R22026	CONTROL SYSTEMS	22	44	4
12BJ1A0235	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	21	32	4
12BJ1A0235	R2202A	EM-I LAB	24	49	2
12BJ1A0235	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	49	2
12BJ1A0236	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	45	1
12BJ1A0236	R22021	PULSE & DIGITAL CIRCUITS	14	0	0
12BJ1A0236	R22022	POWER SYSTEMS-I	11	10	0
12BJ1A0236	R22023	SWITCHING THEORY & LOGIC DESIGN	17	9	0
12BJ1A0236	R22024	ELECTRICAL MACHINES-II	14	14	0
12BJ1A0236	R22026	CONTROL SYSTEMS	18	12	0
12BJ1A0236	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	13	19	0
12BJ1A0236	R2202A	EM-I LAB	18	40	2
12BJ1A0236	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	41	2
12BJ1A0237	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0237	R2202A	EM-I LAB	0	-1	0
12BJ1A0237	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	0	-1	0
12BJ1A0238	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	45	1
12BJ1A0238	R22021	PULSE & DIGITAL CIRCUITS	16	18	0
12BJ1A0238	R22022	POWER SYSTEMS-I	21	11	0
12BJ1A0238	R22023	SWITCHING THEORY & LOGIC DESIGN	18	2	0
12BJ1A0238	R22024	ELECTRICAL MACHINES-II	17	13	0
12BJ1A0238	R22026	CONTROL SYSTEMS	17	0	0
12BJ1A0238	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	13	9	0
12BJ1A0238	R2202A	EM-I LAB	20	40	2
12BJ1A0238	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	20	40	2
12BJ1A0239	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0239	R22021	PULSE & DIGITAL CIRCUITS	14	27	4
12BJ1A0239	R22022	POWER SYSTEMS-I	19	54	4
12BJ1A0239	R22023	SWITCHING THEORY & LOGIC DESIGN	17	26	4
12BJ1A0239	R22024	ELECTRICAL MACHINES-II	19	13	0
12BJ1A0239	R22026	CONTROL SYSTEMS	16	12	0
12BJ1A0239	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	16	28	4
12BJ1A0239	R2202A	EM-I LAB	18	40	2
12BJ1A0239	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	40	2
12BJ1A0240	R22019	ENGLISH COMMUNICATION PRACTICE LAB	5	44	1
12BJ1A0240	R22021	PULSE & DIGITAL CIRCUITS	14	2	0
12BJ1A0240	R22022	POWER SYSTEMS-I	15	6	0
12BJ1A0240	R22023	SWITCHING THEORY & LOGIC DESIGN	14	0	0
12BJ1A0240	R22024	ELECTRICAL MACHINES-II	13	2	0
12BJ1A0240	R22026	CONTROL SYSTEMS	15	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0240	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	15	0	0
12BJ1A0240	R2202A	EM-I LAB	18	30	2
12BJ1A0240	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	30	2
12BJ1A0241	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	43	1
12BJ1A0241	R22021	PULSE & DIGITAL CIRCUITS	11	0	0
12BJ1A0241	R22022	POWER SYSTEMS-I	14	7	0
12BJ1A0241	R22023	SWITCHING THEORY & LOGIC DESIGN	14	0	0
12BJ1A0241	R22024	ELECTRICAL MACHINES-II	11	6	0
12BJ1A0241	R22026	CONTROL SYSTEMS	14	1	0
12BJ1A0241	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	9	0
12BJ1A0241	R2202A	EM-I LAB	18	30	2
12BJ1A0241	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	30	2
12BJ1A0242	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0242	R22021	PULSE & DIGITAL CIRCUITS	18	12	0
12BJ1A0242	R22022	POWER SYSTEMS-I	18	26	4
12BJ1A0242	R22023	SWITCHING THEORY & LOGIC DESIGN	17	55	4
12BJ1A0242	R22024	ELECTRICAL MACHINES-II	14	18	0
12BJ1A0242	R22026	CONTROL SYSTEMS	16	5	0
12BJ1A0242	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	16	26	4
12BJ1A0242	R2202A	EM-I LAB	20	38	2
12BJ1A0242	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	20	38	2
12BJ1A0243	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	44	1
12BJ1A0243	R22021	PULSE & DIGITAL CIRCUITS	15	28	4
12BJ1A0243	R22022	POWER SYSTEMS-I	18	17	0
12BJ1A0243	R22023	SWITCHING THEORY & LOGIC DESIGN	18	4	0
12BJ1A0243	R22024	ELECTRICAL MACHINES-II	17	4	0
12BJ1A0243	R22026	CONTROL SYSTEMS	18	6	0
12BJ1A0243	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	22	0
12BJ1A0243	R2202A	EM-I LAB	21	40	2
12BJ1A0243	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	21	40	2
12BJ1A0244	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0244	R22021	PULSE & DIGITAL CIRCUITS	17	10	0
12BJ1A0244	R22022	POWER SYSTEMS-I	16	14	0
12BJ1A0244	R22023	SWITCHING THEORY & LOGIC DESIGN	18	0	0
12BJ1A0244	R22024	ELECTRICAL MACHINES-II	16	9	0
12BJ1A0244	R22026	CONTROL SYSTEMS	15	10	0
12BJ1A0244	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	16	0
12BJ1A0244	R2202A	EM-I LAB	21	42	2
12BJ1A0244	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	21	42	2
12BJ1A0245	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	47	1
12BJ1A0245	R22021	PULSE & DIGITAL CIRCUITS	17	12	0
12BJ1A0245	R22022	POWER SYSTEMS-I	21	43	4
12BJ1A0245	R22023	SWITCHING THEORY & LOGIC DESIGN	21	11	0
12BJ1A0245	R22024	ELECTRICAL MACHINES-II	20	16	0
12BJ1A0245	R22026	CONTROL SYSTEMS	20	26	4
12BJ1A0245	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	20	27	4
12BJ1A0245	R2202A	EM-I LAB	22	40	2
12BJ1A0245	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	22	40	2
12BJ1A0246	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	48	1
12BJ1A0246	R22021	PULSE & DIGITAL CIRCUITS	16	7	0
12BJ1A0246	R22022	POWER SYSTEMS-I	15	11	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0246	R22023	SWITCHING THEORY & LOGIC DESIGN	19	32	4
12BJ1A0246	R22024	ELECTRICAL MACHINES-II	18	9	0
12BJ1A0246	R22026	CONTROL SYSTEMS	19	10	0
12BJ1A0246	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	18	32	4
12BJ1A0246	R2202A	EM-I LAB	22	40	2
12BJ1A0246	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	22	40	2
12BJ1A0301	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	48	1
12BJ1A0301	R22031	MECHANICS OF SOLIDS	19	45	4
12BJ1A0301	R22032	KINEMATICS OF MACHINERY	18	35	4
12BJ1A0301	R22033	THERMAL ENGINEERING -I	19	30	4
12BJ1A0301	R22034	PRODUCTION TECHNOLOGY	20	56	4
12BJ1A0301	R22035	METALL. & MATER. SCI.	19	26	4
12BJ1A0301	R22036	MACHINE DRAWING	24	44	4
12BJ1A0301	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0301	R22038	PRODUCTION TECHNOLOGY LAB	25	49	2
12BJ1A0302	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0302	R22031	MECHANICS OF SOLIDS	19	38	4
12BJ1A0302	R22032	KINEMATICS OF MACHINERY	21	45	4
12BJ1A0302	R22033	THERMAL ENGINEERING -I	20	29	4
12BJ1A0302	R22034	PRODUCTION TECHNOLOGY	18	26	4
12BJ1A0302	R22035	METALL. & MATER. SCI.	19	31	4
12BJ1A0302	R22036	MACHINE DRAWING	24	68	4
12BJ1A0302	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0302	R22038	PRODUCTION TECHNOLOGY LAB	24	50	2
12BJ1A0303	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0303	R22031	MECHANICS OF SOLIDS	17	40	4
12BJ1A0303	R22032	KINEMATICS OF MACHINERY	17	39	4
12BJ1A0303	R22033	THERMAL ENGINEERING -I	18	37	4
12BJ1A0303	R22034	PRODUCTION TECHNOLOGY	18	21	0
12BJ1A0303	R22035	METALL. & MATER. SCI.	17	26	4
12BJ1A0303	R22036	MACHINE DRAWING	22	26	4
12BJ1A0303	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	48	2
12BJ1A0303	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0304	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0304	R22031	MECHANICS OF SOLIDS	14	26	4
12BJ1A0304	R22032	KINEMATICS OF MACHINERY	17	2	0
12BJ1A0304	R22033	THERMAL ENGINEERING -I	17	26	4
12BJ1A0304	R22034	PRODUCTION TECHNOLOGY	17	31	4
12BJ1A0304	R22035	METALL. & MATER. SCI.	17	2	0
12BJ1A0304	R22036	MACHINE DRAWING	16	26	4
12BJ1A0304	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
12BJ1A0304	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0305	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	48	1
12BJ1A0305	R22031	MECHANICS OF SOLIDS	17	55	4
12BJ1A0305	R22032	KINEMATICS OF MACHINERY	17	26	4
12BJ1A0305	R22033	THERMAL ENGINEERING -I	19	40	4
12BJ1A0305	R22034	PRODUCTION TECHNOLOGY	18	64	4
12BJ1A0305	R22035	METALL. & MATER. SCI.	19	15	0
12BJ1A0305	R22036	MACHINE DRAWING	24	46	4
12BJ1A0305	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0305	R22038	PRODUCTION TECHNOLOGY LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0306	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0306	R22031	MECHANICS OF SOLIDS	18	16	0
12BJ1A0306	R22032	KINEMATICS OF MACHINERY	19	17	0
12BJ1A0306	R22033	THERMAL ENGINEERING -I	16	4	0
12BJ1A0306	R22034	PRODUCTION TECHNOLOGY	16	17	0
12BJ1A0306	R22035	METALL. & MATER. SCI.	17	27	4
12BJ1A0306	R22036	MACHINE DRAWING	17	5	0
12BJ1A0306	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	45	2
12BJ1A0306	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0307	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0307	R22031	MECHANICS OF SOLIDS	15	2	0
12BJ1A0307	R22032	KINEMATICS OF MACHINERY	12	0	0
12BJ1A0307	R22033	THERMAL ENGINEERING -I	16	2	0
12BJ1A0307	R22034	PRODUCTION TECHNOLOGY	12	2	0
12BJ1A0307	R22035	METALL. & MATER. SCI.	15	16	0
12BJ1A0307	R22036	MACHINE DRAWING	18	0	0
12BJ1A0307	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
12BJ1A0307	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0308	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	47	1
12BJ1A0308	R22031	MECHANICS OF SOLIDS	18	45	4
12BJ1A0308	R22032	KINEMATICS OF MACHINERY	20	33	4
12BJ1A0308	R22033	THERMAL ENGINEERING -I	20	30	4
12BJ1A0308	R22034	PRODUCTION TECHNOLOGY	18	36	4
12BJ1A0308	R22035	METALL. & MATER. SCI.	22	45	4
12BJ1A0308	R22036	MACHINE DRAWING	19	49	4
12BJ1A0308	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	49	2
12BJ1A0308	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0309	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0309	R22031	MECHANICS OF SOLIDS	14	4	0
12BJ1A0309	R22032	KINEMATICS OF MACHINERY	15	3	0
12BJ1A0309	R22033	THERMAL ENGINEERING -I	14	0	0
12BJ1A0309	R22034	PRODUCTION TECHNOLOGY	14	11	0
12BJ1A0309	R22035	METALL. & MATER. SCI.	16	4	0
12BJ1A0309	R22036	MACHINE DRAWING	15	0	0
12BJ1A0309	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	45	2
12BJ1A0309	R22038	PRODUCTION TECHNOLOGY LAB	24	44	2
12BJ1A0310	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0310	R22031	MECHANICS OF SOLIDS	19	26	4
12BJ1A0310	R22032	KINEMATICS OF MACHINERY	16	42	4
12BJ1A0310	R22033	THERMAL ENGINEERING -I	17	17	0
12BJ1A0310	R22034	PRODUCTION TECHNOLOGY	15	36	4
12BJ1A0310	R22035	METALL. & MATER. SCI.	19	26	4
12BJ1A0310	R22036	MACHINE DRAWING	25	7	0
12BJ1A0310	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0310	R22038	PRODUCTION TECHNOLOGY LAB	24	50	2
12BJ1A0311	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0311	R22031	MECHANICS OF SOLIDS	15	2	0
12BJ1A0311	R22032	KINEMATICS OF MACHINERY	16	9	0
12BJ1A0311	R22033	THERMAL ENGINEERING -I	17	11	0
12BJ1A0311	R22034	PRODUCTION TECHNOLOGY	16	16	0
12BJ1A0311	R22035	METALL. & MATER. SCI.	17	10	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0311	R22036	MACHINE DRAWING	19	15	0
12BJ1A0311	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0311	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0312	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0312	R22031	MECHANICS OF SOLIDS	14	18	0
12BJ1A0312	R22032	KINEMATICS OF MACHINERY	18	0	0
12BJ1A0312	R22033	THERMAL ENGINEERING -I	16	1	0
12BJ1A0312	R22034	PRODUCTION TECHNOLOGY	16	9	0
12BJ1A0312	R22035	METALL. & MATER. SCI.	18	3	0
12BJ1A0312	R22036	MACHINE DRAWING	18	6	0
12BJ1A0312	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	48	2
12BJ1A0312	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0313	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0313	R22031	MECHANICS OF SOLIDS	16	44	4
12BJ1A0313	R22032	KINEMATICS OF MACHINERY	16	2	0
12BJ1A0313	R22033	THERMAL ENGINEERING -I	16	2	0
12BJ1A0313	R22034	PRODUCTION TECHNOLOGY	16	2	0
12BJ1A0313	R22035	METALL. & MATER. SCI.	16	0	0
12BJ1A0313	R22036	MACHINE DRAWING	15	18	0
12BJ1A0313	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
12BJ1A0313	R22038	PRODUCTION TECHNOLOGY LAB	24	45	2
12BJ1A0314	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	41	1
12BJ1A0314	R22031	MECHANICS OF SOLIDS	18	7	0
12BJ1A0314	R22032	KINEMATICS OF MACHINERY	12	0	0
12BJ1A0314	R22033	THERMAL ENGINEERING -I	13	7	0
12BJ1A0314	R22034	PRODUCTION TECHNOLOGY	12	9	0
12BJ1A0314	R22035	METALL. & MATER. SCI.	12	1	0
12BJ1A0314	R22036	MACHINE DRAWING	16	13	0
12BJ1A0314	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	21	43	2
12BJ1A0314	R22038	PRODUCTION TECHNOLOGY LAB	24	44	2
12BJ1A0315	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0315	R22031	MECHANICS OF SOLIDS	19	39	4
12BJ1A0315	R22032	KINEMATICS OF MACHINERY	18	56	4
12BJ1A0315	R22033	THERMAL ENGINEERING -I	16	40	4
12BJ1A0315	R22034	PRODUCTION TECHNOLOGY	17	46	4
12BJ1A0315	R22035	METALL. & MATER. SCI.	18	37	4
12BJ1A0315	R22036	MACHINE DRAWING	22	39	4
12BJ1A0315	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0315	R22038	PRODUCTION TECHNOLOGY LAB	25	50	2
12BJ1A0316	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0316	R22031	MECHANICS OF SOLIDS	19	34	4
12BJ1A0316	R22032	KINEMATICS OF MACHINERY	19	5	0
12BJ1A0316	R22033	THERMAL ENGINEERING -I	17	8	0
12BJ1A0316	R22034	PRODUCTION TECHNOLOGY	17	28	4
12BJ1A0316	R22035	METALL. & MATER. SCI.	19	13	0
12BJ1A0316	R22036	MACHINE DRAWING	19	27	4
12BJ1A0316	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0316	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0317	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0317	R22031	MECHANICS OF SOLIDS	18	20	0
12BJ1A0317	R22032	KINEMATICS OF MACHINERY	20	26	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0317	R22033	THERMAL ENGINEERING -I	19	26	4
12BJ1A0317	R22034	PRODUCTION TECHNOLOGY	15	28	4
12BJ1A0317	R22035	METALL. & MATER. SCI.	17	19	0
12BJ1A0317	R22036	MACHINE DRAWING	25	33	4
12BJ1A0317	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0317	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0318	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0318	R22031	MECHANICS OF SOLIDS	17	32	4
12BJ1A0318	R22032	KINEMATICS OF MACHINERY	15	31	4
12BJ1A0318	R22033	THERMAL ENGINEERING -I	20	15	0
12BJ1A0318	R22034	PRODUCTION TECHNOLOGY	15	13	0
12BJ1A0318	R22035	METALL. & MATER. SCI.	18	33	4
12BJ1A0318	R22036	MACHINE DRAWING	20	2	0
12BJ1A0318	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0318	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0319	R22019	ENGLISH COMMUNICATION PRACTICE LAB	16	35	1
12BJ1A0319	R22031	MECHANICS OF SOLIDS	18	-1	0
12BJ1A0319	R22032	KINEMATICS OF MACHINERY	12	-1	0
12BJ1A0319	R22033	THERMAL ENGINEERING -I	12	-1	0
12BJ1A0319	R22034	PRODUCTION TECHNOLOGY	13	-1	0
12BJ1A0319	R22035	METALL. & MATER. SCI.	12	-1	0
12BJ1A0319	R22036	MACHINE DRAWING	-1	-1	0
12BJ1A0319	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	38	2
12BJ1A0319	R22038	PRODUCTION TECHNOLOGY LAB	23	39	2
12BJ1A0320	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0320	R22031	MECHANICS OF SOLIDS	17	3	0
12BJ1A0320	R22032	KINEMATICS OF MACHINERY	15	0	0
12BJ1A0320	R22033	THERMAL ENGINEERING -I	17	7	0
12BJ1A0320	R22034	PRODUCTION TECHNOLOGY	14	13	0
12BJ1A0320	R22035	METALL. & MATER. SCI.	18	5	0
12BJ1A0320	R22036	MACHINE DRAWING	22	0	0
12BJ1A0320	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	46	2
12BJ1A0320	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0321	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0321	R22031	MECHANICS OF SOLIDS	18	43	4
12BJ1A0321	R22032	KINEMATICS OF MACHINERY	17	28	4
12BJ1A0321	R22033	THERMAL ENGINEERING -I	16	6	0
12BJ1A0321	R22034	PRODUCTION TECHNOLOGY	17	37	4
12BJ1A0321	R22035	METALL. & MATER. SCI.	15	2	0
12BJ1A0321	R22036	MACHINE DRAWING	15	26	4
12BJ1A0321	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0321	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0322	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0322	R22031	MECHANICS OF SOLIDS	13	6	0
12BJ1A0322	R22032	KINEMATICS OF MACHINERY	17	0	0
12BJ1A0322	R22033	THERMAL ENGINEERING -I	14	0	0
12BJ1A0322	R22034	PRODUCTION TECHNOLOGY	18	0	0
12BJ1A0322	R22035	METALL. & MATER. SCI.	17	0	0
12BJ1A0322	R22036	MACHINE DRAWING	15	0	0
12BJ1A0322	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	40	2
12BJ1A0322	R22038	PRODUCTION TECHNOLOGY LAB	24	44	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0323	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0323	R22031	MECHANICS OF SOLIDS	20	50	4
12BJ1A0323	R22032	KINEMATICS OF MACHINERY	21	49	4
12BJ1A0323	R22033	THERMAL ENGINEERING -I	18	47	4
12BJ1A0323	R22034	PRODUCTION TECHNOLOGY	17	17	0
12BJ1A0323	R22035	METALL. & MATER. SCI.	16	37	4
12BJ1A0323	R22036	MACHINE DRAWING	19	27	4
12BJ1A0323	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0323	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0324	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0324	R22031	MECHANICS OF SOLIDS	19	57	4
12BJ1A0324	R22032	KINEMATICS OF MACHINERY	18	48	4
12BJ1A0324	R22033	THERMAL ENGINEERING -I	22	34	4
12BJ1A0324	R22034	PRODUCTION TECHNOLOGY	15	31	4
12BJ1A0324	R22035	METALL. & MATER. SCI.	18	40	4
12BJ1A0324	R22036	MACHINE DRAWING	20	31	4
12BJ1A0324	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0324	R22038	PRODUCTION TECHNOLOGY LAB	25	50	2
12BJ1A0325	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0325	R22031	MECHANICS OF SOLIDS	21	35	4
12BJ1A0325	R22032	KINEMATICS OF MACHINERY	19	26	4
12BJ1A0325	R22033	THERMAL ENGINEERING -I	18	32	4
12BJ1A0325	R22034	PRODUCTION TECHNOLOGY	18	45	4
12BJ1A0325	R22035	METALL. & MATER. SCI.	17	17	0
12BJ1A0325	R22036	MACHINE DRAWING	19	34	4
12BJ1A0325	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	49	2
12BJ1A0325	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0326	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0326	R22031	MECHANICS OF SOLIDS	17	40	4
12BJ1A0326	R22032	KINEMATICS OF MACHINERY	18	46	4
12BJ1A0326	R22033	THERMAL ENGINEERING -I	16	26	4
12BJ1A0326	R22034	PRODUCTION TECHNOLOGY	16	5	0
12BJ1A0326	R22035	METALL. & MATER. SCI.	20	27	4
12BJ1A0326	R22036	MACHINE DRAWING	18	11	0
12BJ1A0326	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	49	2
12BJ1A0326	R22038	PRODUCTION TECHNOLOGY LAB	24	50	2
12BJ1A0327	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0327	R22031	MECHANICS OF SOLIDS	19	27	4
12BJ1A0327	R22032	KINEMATICS OF MACHINERY	13	35	4
12BJ1A0327	R22033	THERMAL ENGINEERING -I	18	0	0
12BJ1A0327	R22034	PRODUCTION TECHNOLOGY	17	8	0
12BJ1A0327	R22035	METALL. & MATER. SCI.	19	0	0
12BJ1A0327	R22036	MACHINE DRAWING	16	10	0
12BJ1A0327	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0327	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0328	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0328	R22031	MECHANICS OF SOLIDS	17	26	4
12BJ1A0328	R22032	KINEMATICS OF MACHINERY	17	6	0
12BJ1A0328	R22033	THERMAL ENGINEERING -I	17	26	4
12BJ1A0328	R22034	PRODUCTION TECHNOLOGY	18	32	4
12BJ1A0328	R22035	METALL. & MATER. SCI.	17	6	0



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0328	R22036	MACHINE DRAWING	18	26	4
12BJ1A0328	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
12BJ1A0328	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
12BJ1A0329	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
12BJ1A0329	R22031	MECHANICS OF SOLIDS	14	15	0
12BJ1A0329	R22032	KINEMATICS OF MACHINERY	17	10	0
12BJ1A0329	R22033	THERMAL ENGINEERING -I	16	10	0
12BJ1A0329	R22034	PRODUCTION TECHNOLOGY	17	3	0
12BJ1A0329	R22035	METALL. & MATER. SCI.	16	15	0
12BJ1A0329	R22036	MACHINE DRAWING	19	13	0
12BJ1A0329	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	46	2
12BJ1A0329	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0330	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0330	R22031	MECHANICS OF SOLIDS	18	30	4
12BJ1A0330	R22032	KINEMATICS OF MACHINERY	18	18	0
12BJ1A0330	R22033	THERMAL ENGINEERING -I	16	10	0
12BJ1A0330	R22034	PRODUCTION TECHNOLOGY	16	7	0
12BJ1A0330	R22035	METALL. & MATER. SCI.	15	18	0
12BJ1A0330	R22036	MACHINE DRAWING	21	26	4
12BJ1A0330	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0330	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0331	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0331	R22031	MECHANICS OF SOLIDS	19	13	0
12BJ1A0331	R22032	KINEMATICS OF MACHINERY	17	16	0
12BJ1A0331	R22033	THERMAL ENGINEERING -I	17	15	0
12BJ1A0331	R22034	PRODUCTION TECHNOLOGY	15	-1	0
12BJ1A0331	R22035	METALL. & MATER. SCI.	18	26	4
12BJ1A0331	R22036	MACHINE DRAWING	22	26	4
12BJ1A0331	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	45	2
12BJ1A0331	R22038	PRODUCTION TECHNOLOGY LAB	25	49	2
12BJ1A0332	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0332	R22031	MECHANICS OF SOLIDS	20	34	4
12BJ1A0332	R22032	KINEMATICS OF MACHINERY	17	15	0
12BJ1A0332	R22033	THERMAL ENGINEERING -I	16	30	4
12BJ1A0332	R22034	PRODUCTION TECHNOLOGY	16	39	4
12BJ1A0332	R22035	METALL. & MATER. SCI.	19	26	4
12BJ1A0332	R22036	MACHINE DRAWING	20	43	4
12BJ1A0332	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	48	2
12BJ1A0332	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0333	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	42	1
12BJ1A0333	R22031	MECHANICS OF SOLIDS	16	4	0
12BJ1A0333	R22032	KINEMATICS OF MACHINERY	12	1	0
12BJ1A0333	R22033	THERMAL ENGINEERING -I	16	2	0
12BJ1A0333	R22034	PRODUCTION TECHNOLOGY	15	36	4
12BJ1A0333	R22035	METALL. & MATER. SCI.	15	5	0
12BJ1A0333	R22036	MACHINE DRAWING	15	7	0
12BJ1A0333	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	45	2
12BJ1A0333	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0334	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0334	R22031	MECHANICS OF SOLIDS	20	27	4
12BJ1A0334	R22032	KINEMATICS OF MACHINERY	18	20	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0334	R22033	THERMAL ENGINEERING -I	17	3	0
12BJ1A0334	R22034	PRODUCTION TECHNOLOGY	18	12	0
12BJ1A0334	R22035	METALL. & MATER. SCI.	17	17	0
12BJ1A0334	R22036	MACHINE DRAWING	25	10	0
12BJ1A0334	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	46	2
12BJ1A0334	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0335	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0335	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	0	-1	0
12BJ1A0335	R22038	PRODUCTION TECHNOLOGY LAB	0	-1	0
12BJ1A0336	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0336	R22031	MECHANICS OF SOLIDS	20	26	4
12BJ1A0336	R22032	KINEMATICS OF MACHINERY	16	28	4
12BJ1A0336	R22033	THERMAL ENGINEERING -I	18	4	0
12BJ1A0336	R22034	PRODUCTION TECHNOLOGY	14	31	4
12BJ1A0336	R22035	METALL. & MATER. SCI.	17	26	4
12BJ1A0336	R22036	MACHINE DRAWING	19	8	0
12BJ1A0336	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	45	2
12BJ1A0336	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0337	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
12BJ1A0337	R22031	MECHANICS OF SOLIDS	17	3	0
12BJ1A0337	R22032	KINEMATICS OF MACHINERY	19	16	0
12BJ1A0337	R22033	THERMAL ENGINEERING -I	15	27	4
12BJ1A0337	R22034	PRODUCTION TECHNOLOGY	16	27	4
12BJ1A0337	R22035	METALL. & MATER. SCI.	16	13	0
12BJ1A0337	R22036	MACHINE DRAWING	15	27	4
12BJ1A0337	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	45	2
12BJ1A0337	R22038	PRODUCTION TECHNOLOGY LAB	24	43	2
12BJ1A0338	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0338	R22031	MECHANICS OF SOLIDS	20	31	4
12BJ1A0338	R22032	KINEMATICS OF MACHINERY	20	32	4
12BJ1A0338	R22033	THERMAL ENGINEERING -I	17	26	4
12BJ1A0338	R22034	PRODUCTION TECHNOLOGY	17	47	4
12BJ1A0338	R22035	METALL. & MATER. SCI.	18	18	0
12BJ1A0338	R22036	MACHINE DRAWING	18	26	4
12BJ1A0338	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	45	2
12BJ1A0338	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0339	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0339	R22031	MECHANICS OF SOLIDS	16	3	0
12BJ1A0339	R22032	KINEMATICS OF MACHINERY	12	12	0
12BJ1A0339	R22033	THERMAL ENGINEERING -I	15	1	0
12BJ1A0339	R22034	PRODUCTION TECHNOLOGY	16	-1	0
12BJ1A0339	R22035	METALL. & MATER. SCI.	12	0	0
12BJ1A0339	R22036	MACHINE DRAWING	18	1	0
12BJ1A0339	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0339	R22038	PRODUCTION TECHNOLOGY LAB	24	45	2
12BJ1A0340	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	42	1
12BJ1A0340	R22031	MECHANICS OF SOLIDS	17	0	0
12BJ1A0340	R22032	KINEMATICS OF MACHINERY	13	3	0
12BJ1A0340	R22033	THERMAL ENGINEERING -I	14	9	0
12BJ1A0340	R22034	PRODUCTION TECHNOLOGY	12	12	0
12BJ1A0340	R22035	METALL. & MATER. SCI.	14	12	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0340	R22036	MACHINE DRAWING	17	4	0
12BJ1A0340	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	46	2
12BJ1A0340	R22038	PRODUCTION TECHNOLOGY LAB	24	45	2
12BJ1A0341	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0341	R22031	MECHANICS OF SOLIDS	17	33	4
12BJ1A0341	R22032	KINEMATICS OF MACHINERY	18	12	0
12BJ1A0341	R22033	THERMAL ENGINEERING -I	18	26	4
12BJ1A0341	R22034	PRODUCTION TECHNOLOGY	17	27	4
12BJ1A0341	R22035	METALL. & MATER. SCI.	14	1	0
12BJ1A0341	R22036	MACHINE DRAWING	18	29	4
12BJ1A0341	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	45	2
12BJ1A0341	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0342	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0342	R22031	MECHANICS OF SOLIDS	16	33	4
12BJ1A0342	R22032	KINEMATICS OF MACHINERY	15	26	4
12BJ1A0342	R22033	THERMAL ENGINEERING -I	14	26	4
12BJ1A0342	R22034	PRODUCTION TECHNOLOGY	15	59	4
12BJ1A0342	R22035	METALL. & MATER. SCI.	16	6	0
12BJ1A0342	R22036	MACHINE DRAWING	15	16	0
12BJ1A0342	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	48	2
12BJ1A0342	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0343	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0343	R22031	MECHANICS OF SOLIDS	17	26	4
12BJ1A0343	R22032	KINEMATICS OF MACHINERY	17	19	0
12BJ1A0343	R22033	THERMAL ENGINEERING -I	16	0	0
12BJ1A0343	R22034	PRODUCTION TECHNOLOGY	14	0	0
12BJ1A0343	R22035	METALL. & MATER. SCI.	17	19	0
12BJ1A0343	R22036	MACHINE DRAWING	16	2	0
12BJ1A0343	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0343	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0344	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0344	R22031	MECHANICS OF SOLIDS	17	26	4
12BJ1A0344	R22032	KINEMATICS OF MACHINERY	15	61	4
12BJ1A0344	R22033	THERMAL ENGINEERING -I	17	31	4
12BJ1A0344	R22034	PRODUCTION TECHNOLOGY	19	35	4
12BJ1A0344	R22035	METALL. & MATER. SCI.	18	31	4
12BJ1A0344	R22036	MACHINE DRAWING	24	50	4
12BJ1A0344	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0344	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0345	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0345	R22031	MECHANICS OF SOLIDS	20	32	4
12BJ1A0345	R22032	KINEMATICS OF MACHINERY	21	18	0
12BJ1A0345	R22033	THERMAL ENGINEERING -I	18	26	4
12BJ1A0345	R22034	PRODUCTION TECHNOLOGY	20	26	4
12BJ1A0345	R22035	METALL. & MATER. SCI.	19	10	0
12BJ1A0345	R22036	MACHINE DRAWING	24	40	4
12BJ1A0345	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	45	2
12BJ1A0345	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0346	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0346	R22031	MECHANICS OF SOLIDS	22	33	4
12BJ1A0346	R22032	KINEMATICS OF MACHINERY	22	44	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0346	R22033	THERMAL ENGINEERING -I	20	26	4
12BJ1A0346	R22034	PRODUCTION TECHNOLOGY	20	56	4
12BJ1A0346	R22035	METALL. & MATER. SCI.	21	12	0
12BJ1A0346	R22036	MACHINE DRAWING	18	17	0
12BJ1A0346	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0346	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0347	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0347	R22031	MECHANICS OF SOLIDS	19	8	0
12BJ1A0347	R22032	KINEMATICS OF MACHINERY	17	7	0
12BJ1A0347	R22033	THERMAL ENGINEERING -I	18	8	0
12BJ1A0347	R22034	PRODUCTION TECHNOLOGY	14	2	0
12BJ1A0347	R22035	METALL. & MATER. SCI.	18	9	0
12BJ1A0347	R22036	MACHINE DRAWING	15	1	0
12BJ1A0347	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	45	2
12BJ1A0347	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0348	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	42	1
12BJ1A0348	R22031	MECHANICS OF SOLIDS	19	26	4
12BJ1A0348	R22032	KINEMATICS OF MACHINERY	19	26	4
12BJ1A0348	R22033	THERMAL ENGINEERING -I	16	3	0
12BJ1A0348	R22034	PRODUCTION TECHNOLOGY	16	16	0
12BJ1A0348	R22035	METALL. & MATER. SCI.	18	29	4
12BJ1A0348	R22036	MACHINE DRAWING	20	1	0
12BJ1A0348	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0348	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
12BJ1A0349	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0349	R22031	MECHANICS OF SOLIDS	16	7	0
12BJ1A0349	R22032	KINEMATICS OF MACHINERY	16	2	0
12BJ1A0349	R22033	THERMAL ENGINEERING -I	15	18	0
12BJ1A0349	R22034	PRODUCTION TECHNOLOGY	17	19	0
12BJ1A0349	R22035	METALL. & MATER. SCI.	15	6	0
12BJ1A0349	R22036	MACHINE DRAWING	18	5	0
12BJ1A0349	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0349	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0350	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0350	R22031	MECHANICS OF SOLIDS	17	40	4
12BJ1A0350	R22032	KINEMATICS OF MACHINERY	19	19	0
12BJ1A0350	R22033	THERMAL ENGINEERING -I	17	17	0
12BJ1A0350	R22034	PRODUCTION TECHNOLOGY	17	12	0
12BJ1A0350	R22035	METALL. & MATER. SCI.	22	12	0
12BJ1A0350	R22036	MACHINE DRAWING	25	26	4
12BJ1A0350	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0350	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
12BJ1A0351	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0351	R22031	MECHANICS OF SOLIDS	17	26	4
12BJ1A0351	R22032	KINEMATICS OF MACHINERY	17	26	4
12BJ1A0351	R22033	THERMAL ENGINEERING -I	15	16	0
12BJ1A0351	R22034	PRODUCTION TECHNOLOGY	16	34	4
12BJ1A0351	R22035	METALL. & MATER. SCI.	18	27	4
12BJ1A0351	R22036	MACHINE DRAWING	25	55	4
12BJ1A0351	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0351	R22038	PRODUCTION TECHNOLOGY LAB	24	49	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0352	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0352	R22031	MECHANICS OF SOLIDS	17	10	0
12BJ1A0352	R22032	KINEMATICS OF MACHINERY	17	41	4
12BJ1A0352	R22033	THERMAL ENGINEERING -I	17	32	4
12BJ1A0352	R22034	PRODUCTION TECHNOLOGY	15	3	0
12BJ1A0352	R22035	METALL. & MATER. SCI.	16	16	0
12BJ1A0352	R22036	MACHINE DRAWING	15	3	0
12BJ1A0352	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
12BJ1A0352	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0353	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0353	R22031	MECHANICS OF SOLIDS	15	26	4
12BJ1A0353	R22032	KINEMATICS OF MACHINERY	17	3	0
12BJ1A0353	R22033	THERMAL ENGINEERING -I	15	18	0
12BJ1A0353	R22034	PRODUCTION TECHNOLOGY	14	12	0
12BJ1A0353	R22035	METALL. & MATER. SCI.	18	34	4
12BJ1A0353	R22036	MACHINE DRAWING	18	27	4
12BJ1A0353	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0353	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0354	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0354	R22031	MECHANICS OF SOLIDS	16	53	4
12BJ1A0354	R22032	KINEMATICS OF MACHINERY	18	33	4
12BJ1A0354	R22033	THERMAL ENGINEERING -I	19	16	0
12BJ1A0354	R22034	PRODUCTION TECHNOLOGY	15	-1	0
12BJ1A0354	R22035	METALL. & MATER. SCI.	17	26	4
12BJ1A0354	R22036	MACHINE DRAWING	18	17	0
12BJ1A0354	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0354	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0355	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0355	R22031	MECHANICS OF SOLIDS	20	9	0
12BJ1A0355	R22032	KINEMATICS OF MACHINERY	17	26	4
12BJ1A0355	R22033	THERMAL ENGINEERING -I	18	9	0
12BJ1A0355	R22034	PRODUCTION TECHNOLOGY	15	-1	0
12BJ1A0355	R22035	METALL. & MATER. SCI.	16	16	0
12BJ1A0355	R22036	MACHINE DRAWING	22	16	0
12BJ1A0355	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0355	R22038	PRODUCTION TECHNOLOGY LAB	24	-1	0
12BJ1A0356	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0356	R22031	MECHANICS OF SOLIDS	19	42	4
12BJ1A0356	R22032	KINEMATICS OF MACHINERY	16	53	4
12BJ1A0356	R22033	THERMAL ENGINEERING -I	18	33	4
12BJ1A0356	R22034	PRODUCTION TECHNOLOGY	12	28	4
12BJ1A0356	R22035	METALL. & MATER. SCI.	15	33	4
12BJ1A0356	R22036	MACHINE DRAWING	25	7	0
12BJ1A0356	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0356	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0357	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0357	R22031	MECHANICS OF SOLIDS	21	35	4
12BJ1A0357	R22032	KINEMATICS OF MACHINERY	20	26	4
12BJ1A0357	R22033	THERMAL ENGINEERING -I	22	40	4
12BJ1A0357	R22034	PRODUCTION TECHNOLOGY	17	45	4
12BJ1A0357	R22035	METALL. & MATER. SCI.	18	35	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0357	R22036	MACHINE DRAWING	21	30	4
12BJ1A0357	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
12BJ1A0357	R22038	PRODUCTION TECHNOLOGY LAB	25	50	2
12BJ1A0358	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0358	R22031	MECHANICS OF SOLIDS	16	33	4
12BJ1A0358	R22032	KINEMATICS OF MACHINERY	17	26	4
12BJ1A0358	R22033	THERMAL ENGINEERING -I	18	10	0
12BJ1A0358	R22034	PRODUCTION TECHNOLOGY	16	14	0
12BJ1A0358	R22035	METALL. & MATER. SCI.	18	13	0
12BJ1A0358	R22036	MACHINE DRAWING	16	17	0
12BJ1A0358	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0358	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0359	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0359	R22031	MECHANICS OF SOLIDS	17	13	0
12BJ1A0359	R22032	KINEMATICS OF MACHINERY	17	10	0
12BJ1A0359	R22033	THERMAL ENGINEERING -I	18	6	0
12BJ1A0359	R22034	PRODUCTION TECHNOLOGY	17	27	4
12BJ1A0359	R22035	METALL. & MATER. SCI.	17	17	0
12BJ1A0359	R22036	MACHINE DRAWING	16	10	0
12BJ1A0359	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	45	2
12BJ1A0359	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0360	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0360	R22031	MECHANICS OF SOLIDS	16	13	0
12BJ1A0360	R22032	KINEMATICS OF MACHINERY	19	36	4
12BJ1A0360	R22033	THERMAL ENGINEERING -I	16	26	4
12BJ1A0360	R22034	PRODUCTION TECHNOLOGY	17	28	4
12BJ1A0360	R22035	METALL. & MATER. SCI.	18	39	4
12BJ1A0360	R22036	MACHINE DRAWING	15	26	4
12BJ1A0360	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	49	2
12BJ1A0360	R22038	PRODUCTION TECHNOLOGY LAB	23	50	2
12BJ1A0361	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	45	1
12BJ1A0361	R22031	MECHANICS OF SOLIDS	17	36	4
12BJ1A0361	R22032	KINEMATICS OF MACHINERY	17	10	0
12BJ1A0361	R22033	THERMAL ENGINEERING -I	15	26	4
12BJ1A0361	R22034	PRODUCTION TECHNOLOGY	15	38	4
12BJ1A0361	R22035	METALL. & MATER. SCI.	17	26	4
12BJ1A0361	R22036	MACHINE DRAWING	25	36	4
12BJ1A0361	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0361	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0362	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0362	R22031	MECHANICS OF SOLIDS	18	19	0
12BJ1A0362	R22032	KINEMATICS OF MACHINERY	17	2	0
12BJ1A0362	R22033	THERMAL ENGINEERING -I	17	15	0
12BJ1A0362	R22034	PRODUCTION TECHNOLOGY	13	15	0
12BJ1A0362	R22035	METALL. & MATER. SCI.	18	0	0
12BJ1A0362	R22036	MACHINE DRAWING	18	0	0
12BJ1A0362	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	48	2
12BJ1A0362	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
12BJ1A0363	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	45	1
12BJ1A0363	R22031	MECHANICS OF SOLIDS	16	3	0
12BJ1A0363	R22032	KINEMATICS OF MACHINERY	13	8	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0363	R22033	THERMAL ENGINEERING -I	14	12	0
12BJ1A0363	R22034	PRODUCTION TECHNOLOGY	17	0	0
12BJ1A0363	R22035	METALL. & MATER. SCI.	15	2	0
12BJ1A0363	R22036	MACHINE DRAWING	15	0	0
12BJ1A0363	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	47	2
12BJ1A0363	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0364	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0364	R22031	MECHANICS OF SOLIDS	20	53	4
12BJ1A0364	R22032	KINEMATICS OF MACHINERY	18	48	4
12BJ1A0364	R22033	THERMAL ENGINEERING -I	20	35	4
12BJ1A0364	R22034	PRODUCTION TECHNOLOGY	19	14	0
12BJ1A0364	R22035	METALL. & MATER. SCI.	19	26	4
12BJ1A0364	R22036	MACHINE DRAWING	24	7	0
12BJ1A0364	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	50	2
12BJ1A0364	R22038	PRODUCTION TECHNOLOGY LAB	25	49	2
12BJ1A0365	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
12BJ1A0365	R22031	MECHANICS OF SOLIDS	18	17	0
12BJ1A0365	R22032	KINEMATICS OF MACHINERY	16	0	0
12BJ1A0365	R22033	THERMAL ENGINEERING -I	20	17	0
12BJ1A0365	R22034	PRODUCTION TECHNOLOGY	17	5	0
12BJ1A0365	R22035	METALL. & MATER. SCI.	18	2	0
12BJ1A0365	R22036	MACHINE DRAWING	18	27	4
12BJ1A0365	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	42	2
12BJ1A0365	R22038	PRODUCTION TECHNOLOGY LAB	25	44	2
12BJ1A0366	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0366	R22031	MECHANICS OF SOLIDS	16	43	4
12BJ1A0366	R22032	KINEMATICS OF MACHINERY	17	26	4
12BJ1A0366	R22033	THERMAL ENGINEERING -I	17	29	4
12BJ1A0366	R22034	PRODUCTION TECHNOLOGY	16	34	4
12BJ1A0366	R22035	METALL. & MATER. SCI.	21	29	4
12BJ1A0366	R22036	MACHINE DRAWING	17	28	4
12BJ1A0366	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	48	2
12BJ1A0366	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0367	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0367	R22031	MECHANICS OF SOLIDS	17	0	0
12BJ1A0367	R22032	KINEMATICS OF MACHINERY	18	0	0
12BJ1A0367	R22033	THERMAL ENGINEERING -I	14	6	0
12BJ1A0367	R22034	PRODUCTION TECHNOLOGY	16	0	0
12BJ1A0367	R22035	METALL. & MATER. SCI.	19	0	0
12BJ1A0367	R22036	MACHINE DRAWING	16	0	0
12BJ1A0367	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	44	2
12BJ1A0367	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0368	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0368	R22031	MECHANICS OF SOLIDS	20	42	4
12BJ1A0368	R22032	KINEMATICS OF MACHINERY	18	37	4
12BJ1A0368	R22033	THERMAL ENGINEERING -I	15	37	4
12BJ1A0368	R22034	PRODUCTION TECHNOLOGY	16	32	4
12BJ1A0368	R22035	METALL. & MATER. SCI.	18	33	4
12BJ1A0368	R22036	MACHINE DRAWING	22	30	4
12BJ1A0368	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0368	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0369	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	35	1
12BJ1A0369	R22031	MECHANICS OF SOLIDS	17	1	0
12BJ1A0369	R22032	KINEMATICS OF MACHINERY	17	1	0
12BJ1A0369	R22033	THERMAL ENGINEERING -I	14	8	0
12BJ1A0369	R22034	PRODUCTION TECHNOLOGY	16	20	0
12BJ1A0369	R22035	METALL. & MATER. SCI.	16	13	0
12BJ1A0369	R22036	MACHINE DRAWING	15	0	0
12BJ1A0369	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0369	R22038	PRODUCTION TECHNOLOGY LAB	25	36	2
12BJ1A0370	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0370	R22031	MECHANICS OF SOLIDS	18	16	0
12BJ1A0370	R22032	KINEMATICS OF MACHINERY	15	2	0
12BJ1A0370	R22033	THERMAL ENGINEERING -I	15	4	0
12BJ1A0370	R22034	PRODUCTION TECHNOLOGY	16	27	4
12BJ1A0370	R22035	METALL. & MATER. SCI.	17	10	0
12BJ1A0370	R22036	MACHINE DRAWING	15	1	0
12BJ1A0370	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	46	2
12BJ1A0370	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0371	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0371	R22031	MECHANICS OF SOLIDS	18	26	4
12BJ1A0371	R22032	KINEMATICS OF MACHINERY	17	30	4
12BJ1A0371	R22033	THERMAL ENGINEERING -I	16	19	0
12BJ1A0371	R22034	PRODUCTION TECHNOLOGY	16	26	4
12BJ1A0371	R22035	METALL. & MATER. SCI.	16	18	0
12BJ1A0371	R22036	MACHINE DRAWING	19	50	4
12BJ1A0371	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0371	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0372	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0372	R22031	MECHANICS OF SOLIDS	17	26	4
12BJ1A0372	R22032	KINEMATICS OF MACHINERY	18	30	4
12BJ1A0372	R22033	THERMAL ENGINEERING -I	20	31	4
12BJ1A0372	R22034	PRODUCTION TECHNOLOGY	13	28	4
12BJ1A0372	R22035	METALL. & MATER. SCI.	21	27	4
12BJ1A0372	R22036	MACHINE DRAWING	20	29	4
12BJ1A0372	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	49	2
12BJ1A0372	R22038	PRODUCTION TECHNOLOGY LAB	24	49	2
12BJ1A0373	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	42	1
12BJ1A0373	R22031	MECHANICS OF SOLIDS	17	7	0
12BJ1A0373	R22032	KINEMATICS OF MACHINERY	14	1	0
12BJ1A0373	R22033	THERMAL ENGINEERING -I	17	18	0
12BJ1A0373	R22034	PRODUCTION TECHNOLOGY	15	3	0
12BJ1A0373	R22035	METALL. & MATER. SCI.	16	1	0
12BJ1A0373	R22036	MACHINE DRAWING	15	27	4
12BJ1A0373	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	46	2
12BJ1A0373	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0374	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0374	R22031	MECHANICS OF SOLIDS	17	2	0
12BJ1A0374	R22032	KINEMATICS OF MACHINERY	17	29	4
12BJ1A0374	R22033	THERMAL ENGINEERING -I	17	13	0
12BJ1A0374	R22034	PRODUCTION TECHNOLOGY	16	37	4
12BJ1A0374	R22035	METALL. & MATER. SCI.	19	31	4



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0374	R22036	MACHINE DRAWING	16	26	4
12BJ1A0374	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	47	2
12BJ1A0374	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0375	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0375	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	0	-1	0
12BJ1A0375	R22038	PRODUCTION TECHNOLOGY LAB	0	-1	0
12BJ1A0376	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0376	R22031	MECHANICS OF SOLIDS	17	29	4
12BJ1A0376	R22032	KINEMATICS OF MACHINERY	19	14	0
12BJ1A0376	R22033	THERMAL ENGINEERING -I	21	13	0
12BJ1A0376	R22034	PRODUCTION TECHNOLOGY	18	15	0
12BJ1A0376	R22035	METALL. & MATER. SCI.	20	27	4
12BJ1A0376	R22036	MACHINE DRAWING	18	12	0
12BJ1A0376	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	45	2
12BJ1A0376	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
12BJ1A0377	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
12BJ1A0377	R22031	MECHANICS OF SOLIDS	19	26	4
12BJ1A0377	R22032	KINEMATICS OF MACHINERY	15	14	0
12BJ1A0377	R22033	THERMAL ENGINEERING -I	18	16	0
12BJ1A0377	R22034	PRODUCTION TECHNOLOGY	17	26	4
12BJ1A0377	R22035	METALL. & MATER. SCI.	16	29	4
12BJ1A0377	R22036	MACHINE DRAWING	15	28	4
12BJ1A0377	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	45	2
12BJ1A0377	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
12BJ1A0378	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	44	1
12BJ1A0378	R22031	MECHANICS OF SOLIDS	18	14	0
12BJ1A0378	R22032	KINEMATICS OF MACHINERY	15	5	0
12BJ1A0378	R22033	THERMAL ENGINEERING -I	15	26	4
12BJ1A0378	R22034	PRODUCTION TECHNOLOGY	15	26	4
12BJ1A0378	R22035	METALL. & MATER. SCI.	19	14	0
12BJ1A0378	R22036	MACHINE DRAWING	18	29	4
12BJ1A0378	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0378	R22038	PRODUCTION TECHNOLOGY LAB	23	46	2
12BJ1A0379	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	40	1
12BJ1A0379	R22031	MECHANICS OF SOLIDS	18	34	4
12BJ1A0379	R22032	KINEMATICS OF MACHINERY	17	2	0
12BJ1A0379	R22033	THERMAL ENGINEERING -I	13	14	0
12BJ1A0379	R22034	PRODUCTION TECHNOLOGY	15	0	0
12BJ1A0379	R22035	METALL. & MATER. SCI.	18	0	0
12BJ1A0379	R22036	MACHINE DRAWING	15	0	0
12BJ1A0379	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	41	2
12BJ1A0379	R22038	PRODUCTION TECHNOLOGY LAB	25	44	2
12BJ1A0380	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0380	R22031	MECHANICS OF SOLIDS	17	2	0
12BJ1A0380	R22032	KINEMATICS OF MACHINERY	17	0	0
12BJ1A0380	R22033	THERMAL ENGINEERING -I	17	4	0
12BJ1A0380	R22034	PRODUCTION TECHNOLOGY	15	1	0
12BJ1A0380	R22035	METALL. & MATER. SCI.	16	0	0
12BJ1A0380	R22036	MACHINE DRAWING	19	7	0
12BJ1A0380	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	46	2
12BJ1A0380	R22038	PRODUCTION TECHNOLOGY LAB	25	49	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0381	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0381	R22031	MECHANICS OF SOLIDS	17	3	0
12BJ1A0381	R22032	KINEMATICS OF MACHINERY	16	42	4
12BJ1A0381	R22033	THERMAL ENGINEERING -I	17	32	4
12BJ1A0381	R22034	PRODUCTION TECHNOLOGY	17	39	4
12BJ1A0381	R22035	METALL. & MATER. SCI.	19	17	0
12BJ1A0381	R22036	MACHINE DRAWING	19	27	4
12BJ1A0381	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	21	48	2
12BJ1A0381	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
12BJ1A0382	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0382	R22031	MECHANICS OF SOLIDS	18	1	0
12BJ1A0382	R22032	KINEMATICS OF MACHINERY	17	0	0
12BJ1A0382	R22033	THERMAL ENGINEERING -I	17	12	0
12BJ1A0382	R22034	PRODUCTION TECHNOLOGY	15	7	0
12BJ1A0382	R22035	METALL. & MATER. SCI.	16	0	0
12BJ1A0382	R22036	MACHINE DRAWING	18	5	0
12BJ1A0382	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	45	2
12BJ1A0382	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0383	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0383	R22031	MECHANICS OF SOLIDS	19	9	0
12BJ1A0383	R22032	KINEMATICS OF MACHINERY	18	4	0
12BJ1A0383	R22033	THERMAL ENGINEERING -I	16	16	0
12BJ1A0383	R22034	PRODUCTION TECHNOLOGY	16	26	4
12BJ1A0383	R22035	METALL. & MATER. SCI.	18	0	0
12BJ1A0383	R22036	MACHINE DRAWING	15	6	0
12BJ1A0383	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	21	46	2
12BJ1A0383	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
12BJ1A0384	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0384	R22031	MECHANICS OF SOLIDS	14	0	0
12BJ1A0384	R22032	KINEMATICS OF MACHINERY	13	-1	0
12BJ1A0384	R22033	THERMAL ENGINEERING -I	17	0	0
12BJ1A0384	R22034	PRODUCTION TECHNOLOGY	15	0	0
12BJ1A0384	R22035	METALL. & MATER. SCI.	16	4	0
12BJ1A0384	R22036	MACHINE DRAWING	15	0	0
12BJ1A0384	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	22	45	2
12BJ1A0384	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0385	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0385	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	0	-1	0
12BJ1A0385	R22038	PRODUCTION TECHNOLOGY LAB	0	-1	0
12BJ1A0386	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0386	R22031	MECHANICS OF SOLIDS	18	4	0
12BJ1A0386	R22032	KINEMATICS OF MACHINERY	16	0	0
12BJ1A0386	R22033	THERMAL ENGINEERING -I	17	32	4
12BJ1A0386	R22034	PRODUCTION TECHNOLOGY	16	34	4
12BJ1A0386	R22035	METALL. & MATER. SCI.	14	0	0
12BJ1A0386	R22036	MACHINE DRAWING	18	26	4
12BJ1A0386	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	21	46	2
12BJ1A0386	R22038	PRODUCTION TECHNOLOGY LAB	23	48	2
12BJ1A0387	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0387	R22031	MECHANICS OF SOLIDS	15	6	0
12BJ1A0387	R22032	KINEMATICS OF MACHINERY	17	6	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0387	R22033	THERMAL ENGINEERING -I	17	12	0
12BJ1A0387	R22034	PRODUCTION TECHNOLOGY	18	16	0
12BJ1A0387	R22035	METALL. & MATER. SCI.	17	0	0
12BJ1A0387	R22036	MACHINE DRAWING	18	42	4
12BJ1A0387	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0387	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0388	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0388	R22031	MECHANICS OF SOLIDS	18	30	4
12BJ1A0388	R22032	KINEMATICS OF MACHINERY	18	26	4
12BJ1A0388	R22033	THERMAL ENGINEERING -I	17	15	0
12BJ1A0388	R22034	PRODUCTION TECHNOLOGY	15	49	4
12BJ1A0388	R22035	METALL. & MATER. SCI.	16	28	4
12BJ1A0388	R22036	MACHINE DRAWING	19	14	0
12BJ1A0388	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
12BJ1A0388	R22038	PRODUCTION TECHNOLOGY LAB	24	48	2
12BJ1A0389	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	46	1
12BJ1A0389	R22031	MECHANICS OF SOLIDS	14	13	0
12BJ1A0389	R22032	KINEMATICS OF MACHINERY	16	9	0
12BJ1A0389	R22033	THERMAL ENGINEERING -I	17	7	0
12BJ1A0389	R22034	PRODUCTION TECHNOLOGY	14	5	0
12BJ1A0389	R22035	METALL. & MATER. SCI.	16	9	0
12BJ1A0389	R22036	MACHINE DRAWING	20	12	0
12BJ1A0389	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	49	2
12BJ1A0389	R22038	PRODUCTION TECHNOLOGY LAB	23	48	2
12BJ1A0390	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0390	R22031	MECHANICS OF SOLIDS	19	5	0
12BJ1A0390	R22032	KINEMATICS OF MACHINERY	15	4	0
12BJ1A0390	R22033	THERMAL ENGINEERING -I	14	11	0
12BJ1A0390	R22034	PRODUCTION TECHNOLOGY	16	0	0
12BJ1A0390	R22035	METALL. & MATER. SCI.	17	0	0
12BJ1A0390	R22036	MACHINE DRAWING	15	2	0
12BJ1A0390	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	47	2
12BJ1A0390	R22038	PRODUCTION TECHNOLOGY LAB	24	46	2
12BJ1A0391	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0391	R22031	MECHANICS OF SOLIDS	18	36	4
12BJ1A0391	R22032	KINEMATICS OF MACHINERY	20	17	0
12BJ1A0391	R22033	THERMAL ENGINEERING -I	21	31	4
12BJ1A0391	R22034	PRODUCTION TECHNOLOGY	16	26	4
12BJ1A0391	R22035	METALL. & MATER. SCI.	20	26	4
12BJ1A0391	R22036	MACHINE DRAWING	18	44	4
12BJ1A0391	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	47	2
12BJ1A0391	R22038	PRODUCTION TECHNOLOGY LAB	25	45	2
12BJ1A0392	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0392	R22031	MECHANICS OF SOLIDS	17	38	4
12BJ1A0392	R22032	KINEMATICS OF MACHINERY	16	29	4
12BJ1A0392	R22033	THERMAL ENGINEERING -I	16	26	4
12BJ1A0392	R22034	PRODUCTION TECHNOLOGY	18	47	4
12BJ1A0392	R22035	METALL. & MATER. SCI.	15	20	0
12BJ1A0392	R22036	MACHINE DRAWING	19	32	4
12BJ1A0392	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	47	2
12BJ1A0392	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0393	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0393	R22031	MECHANICS OF SOLIDS	18	1	0
12BJ1A0393	R22032	KINEMATICS OF MACHINERY	16	2	0
12BJ1A0393	R22033	THERMAL ENGINEERING -I	18	1	0
12BJ1A0393	R22034	PRODUCTION TECHNOLOGY	18	0	0
12BJ1A0393	R22035	METALL. & MATER. SCI.	17	0	0
12BJ1A0393	R22036	MACHINE DRAWING	17	8	0
12BJ1A0393	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	48	2
12BJ1A0393	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0394	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0394	R22031	MECHANICS OF SOLIDS	17	3	0
12BJ1A0394	R22032	KINEMATICS OF MACHINERY	17	2	0
12BJ1A0394	R22033	THERMAL ENGINEERING -I	16	13	0
12BJ1A0394	R22034	PRODUCTION TECHNOLOGY	15	0	0
12BJ1A0394	R22035	METALL. & MATER. SCI.	13	7	0
12BJ1A0394	R22036	MACHINE DRAWING	15	4	0
12BJ1A0394	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	41	2
12BJ1A0394	R22038	PRODUCTION TECHNOLOGY LAB	24	40	2
12BJ1A0395	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0395	R22031	MECHANICS OF SOLIDS	16	26	4
12BJ1A0395	R22032	KINEMATICS OF MACHINERY	15	5	0
12BJ1A0395	R22033	THERMAL ENGINEERING -I	16	6	0
12BJ1A0395	R22034	PRODUCTION TECHNOLOGY	16	19	0
12BJ1A0395	R22035	METALL. & MATER. SCI.	18	4	0
12BJ1A0395	R22036	MACHINE DRAWING	15	44	4
12BJ1A0395	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	46	2
12BJ1A0395	R22038	PRODUCTION TECHNOLOGY LAB	24	47	2
12BJ1A0401	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	47	1
12BJ1A0401	R22021	PULSE & DIGITAL CIRCUITS	21	19	0
12BJ1A0401	R22023	SWITCHING THEORY & LOGIC DESIGN	21	34	4
12BJ1A0401	R22026	CONTROL SYSTEMS	21	27	4
12BJ1A0401	R22041	ANALOG COMMUNICATIONS	24	42	4
12BJ1A0401	R22042	EMWTL	21	32	4
12BJ1A0401	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	40	4
12BJ1A0401	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0401	R22045	ANALOG COMMUNICATIONS LAB	24	47	2
12BJ1A0402	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0402	R22021	PULSE & DIGITAL CIRCUITS	19	34	4
12BJ1A0402	R22023	SWITCHING THEORY & LOGIC DESIGN	23	47	4
12BJ1A0402	R22026	CONTROL SYSTEMS	18	28	4
12BJ1A0402	R22041	ANALOG COMMUNICATIONS	21	44	4
12BJ1A0402	R22042	EMWTL	21	47	4
12BJ1A0402	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	26	4
12BJ1A0402	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	47	2
12BJ1A0402	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A0403	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0403	R22021	PULSE & DIGITAL CIRCUITS	18	14	0
12BJ1A0403	R22023	SWITCHING THEORY & LOGIC DESIGN	24	42	4
12BJ1A0403	R22026	CONTROL SYSTEMS	24	20	0
12BJ1A0403	R22041	ANALOG COMMUNICATIONS	22	28	4
12BJ1A0403	R22042	EMWTL	22	30	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0403	R22043	ELECTRONIC CIRCUIT ANALYSIS	22	26	4
12BJ1A0403	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A0403	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0404	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0404	R22021	PULSE & DIGITAL CIRCUITS	21	15	0
12BJ1A0404	R22023	SWITCHING THEORY & LOGIC DESIGN	24	63	4
12BJ1A0404	R22026	CONTROL SYSTEMS	24	42	4
12BJ1A0404	R22041	ANALOG COMMUNICATIONS	23	26	4
12BJ1A0404	R22042	EMWTL	23	43	4
12BJ1A0404	R22043	ELECTRONIC CIRCUIT ANALYSIS	24	33	4
12BJ1A0404	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0404	R22045	ANALOG COMMUNICATIONS LAB	24	47	2
12BJ1A0405	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0405	R22021	PULSE & DIGITAL CIRCUITS	20	5	0
12BJ1A0405	R22023	SWITCHING THEORY & LOGIC DESIGN	20	1	0
12BJ1A0405	R22026	CONTROL SYSTEMS	16	17	0
12BJ1A0405	R22041	ANALOG COMMUNICATIONS	16	17	0
12BJ1A0405	R22042	EMWTL	13	1	0
12BJ1A0405	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	15	0
12BJ1A0405	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A0405	R22045	ANALOG COMMUNICATIONS LAB	21	44	2
12BJ1A0406	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	48	1
12BJ1A0406	R22021	PULSE & DIGITAL CIRCUITS	21	31	4
12BJ1A0406	R22023	SWITCHING THEORY & LOGIC DESIGN	22	35	4
12BJ1A0406	R22026	CONTROL SYSTEMS	19	13	0
12BJ1A0406	R22041	ANALOG COMMUNICATIONS	21	35	4
12BJ1A0406	R22042	EMWTL	21	10	0
12BJ1A0406	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	26	4
12BJ1A0406	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0406	R22045	ANALOG COMMUNICATIONS LAB	23	47	2
12BJ1A0407	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0407	R22021	PULSE & DIGITAL CIRCUITS	23	28	4
12BJ1A0407	R22023	SWITCHING THEORY & LOGIC DESIGN	25	39	4
12BJ1A0407	R22026	CONTROL SYSTEMS	25	41	4
12BJ1A0407	R22041	ANALOG COMMUNICATIONS	24	37	4
12BJ1A0407	R22042	EMWTL	21	36	4
12BJ1A0407	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	42	4
12BJ1A0407	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A0407	R22045	ANALOG COMMUNICATIONS LAB	24	48	2
12BJ1A0408	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0408	R22021	PULSE & DIGITAL CIRCUITS	22	32	4
12BJ1A0408	R22023	SWITCHING THEORY & LOGIC DESIGN	18	40	4
12BJ1A0408	R22026	CONTROL SYSTEMS	18	26	4
12BJ1A0408	R22041	ANALOG COMMUNICATIONS	17	31	4
12BJ1A0408	R22042	EMWTL	21	31	4
12BJ1A0408	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	26	4
12BJ1A0408	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A0408	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0409	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0409	R22021	PULSE & DIGITAL CIRCUITS	22	28	4
12BJ1A0409	R22023	SWITCHING THEORY & LOGIC DESIGN	23	38	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0409	R22026	CONTROL SYSTEMS	23	36	4
12BJ1A0409	R22041	ANALOG COMMUNICATIONS	24	49	4
12BJ1A0409	R22042	EMWTL	21	55	4
12BJ1A0409	R22043	ELECTRONIC CIRCUIT ANALYSIS	23	49	4
12BJ1A0409	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A0409	R22045	ANALOG COMMUNICATIONS LAB	25	49	2
12BJ1A0410	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0410	R22021	PULSE & DIGITAL CIRCUITS	15	26	4
12BJ1A0410	R22023	SWITCHING THEORY & LOGIC DESIGN	21	26	4
12BJ1A0410	R22026	CONTROL SYSTEMS	17	4	0
12BJ1A0410	R22041	ANALOG COMMUNICATIONS	19	31	4
12BJ1A0410	R22042	EMWTL	14	-1	0
12BJ1A0410	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	12	0
12BJ1A0410	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	42	2
12BJ1A0410	R22045	ANALOG COMMUNICATIONS LAB	20	39	2
12BJ1A0411	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0411	R22021	PULSE & DIGITAL CIRCUITS	17	3	0
12BJ1A0411	R22023	SWITCHING THEORY & LOGIC DESIGN	19	10	0
12BJ1A0411	R22026	CONTROL SYSTEMS	17	5	0
12BJ1A0411	R22041	ANALOG COMMUNICATIONS	23	35	4
12BJ1A0411	R22042	EMWTL	15	12	0
12BJ1A0411	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	26	4
12BJ1A0411	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	43	2
12BJ1A0411	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A0412	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	48	1
12BJ1A0412	R22021	PULSE & DIGITAL CIRCUITS	20	9	0
12BJ1A0412	R22023	SWITCHING THEORY & LOGIC DESIGN	13	34	4
12BJ1A0412	R22026	CONTROL SYSTEMS	18	17	0
12BJ1A0412	R22041	ANALOG COMMUNICATIONS	20	7	0
12BJ1A0412	R22042	EMWTL	17	34	4
12BJ1A0412	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	6	0
12BJ1A0412	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A0412	R22045	ANALOG COMMUNICATIONS LAB	21	43	2
12BJ1A0413	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	48	1
12BJ1A0413	R22021	PULSE & DIGITAL CIRCUITS	22	22	0
12BJ1A0413	R22023	SWITCHING THEORY & LOGIC DESIGN	19	26	4
12BJ1A0413	R22026	CONTROL SYSTEMS	23	59	4
12BJ1A0413	R22041	ANALOG COMMUNICATIONS	20	37	4
12BJ1A0413	R22042	EMWTL	21	17	0
12BJ1A0413	R22043	ELECTRONIC CIRCUIT ANALYSIS	24	40	4
12BJ1A0413	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0413	R22045	ANALOG COMMUNICATIONS LAB	24	47	2
12BJ1A0414	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0414	R22021	PULSE & DIGITAL CIRCUITS	18	33	4
12BJ1A0414	R22023	SWITCHING THEORY & LOGIC DESIGN	21	34	4
12BJ1A0414	R22026	CONTROL SYSTEMS	23	11	0
12BJ1A0414	R22041	ANALOG COMMUNICATIONS	22	31	4
12BJ1A0414	R22042	EMWTL	17	13	0
12BJ1A0414	R22043	ELECTRONIC CIRCUIT ANALYSIS	23	14	0
12BJ1A0414	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
12BJ1A0414	R22045	ANALOG COMMUNICATIONS LAB	21	39	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0415	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0415	R22021	PULSE & DIGITAL CIRCUITS	23	35	4
12BJ1A0415	R22023	SWITCHING THEORY & LOGIC DESIGN	24	60	4
12BJ1A0415	R22026	CONTROL SYSTEMS	24	50	4
12BJ1A0415	R22041	ANALOG COMMUNICATIONS	23	41	4
12BJ1A0415	R22042	EMWTL	20	50	4
12BJ1A0415	R22043	ELECTRONIC CIRCUIT ANALYSIS	24	47	4
12BJ1A0415	R22044	ELECTRONICS CIRCUITS & PDC LAB	25	49	2
12BJ1A0415	R22045	ANALOG COMMUNICATIONS LAB	25	50	2
12BJ1A0416	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0416	R22021	PULSE & DIGITAL CIRCUITS	19	27	4
12BJ1A0416	R22023	SWITCHING THEORY & LOGIC DESIGN	21	50	4
12BJ1A0416	R22026	CONTROL SYSTEMS	18	32	4
12BJ1A0416	R22041	ANALOG COMMUNICATIONS	18	11	0
12BJ1A0416	R22042	EMWTL	16	42	4
12BJ1A0416	R22043	ELECTRONIC CIRCUIT ANALYSIS	22	34	4
12BJ1A0416	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	48	2
12BJ1A0416	R22045	ANALOG COMMUNICATIONS LAB	21	45	2
12BJ1A0417	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0417	R22021	PULSE & DIGITAL CIRCUITS	22	26	4
12BJ1A0417	R22023	SWITCHING THEORY & LOGIC DESIGN	23	26	4
12BJ1A0417	R22026	CONTROL SYSTEMS	22	30	4
12BJ1A0417	R22041	ANALOG COMMUNICATIONS	24	45	4
12BJ1A0417	R22042	EMWTL	21	41	4
12BJ1A0417	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	45	4
12BJ1A0417	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A0417	R22045	ANALOG COMMUNICATIONS LAB	24	48	2
12BJ1A0418	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	48	1
12BJ1A0418	R22021	PULSE & DIGITAL CIRCUITS	18	28	4
12BJ1A0418	R22023	SWITCHING THEORY & LOGIC DESIGN	23	40	4
12BJ1A0418	R22026	CONTROL SYSTEMS	20	18	0
12BJ1A0418	R22041	ANALOG COMMUNICATIONS	23	34	4
12BJ1A0418	R22042	EMWTL	20	26	4
12BJ1A0418	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	27	4
12BJ1A0418	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	48	2
12BJ1A0418	R22045	ANALOG COMMUNICATIONS LAB	23	47	2
12BJ1A0419	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0419	R22021	PULSE & DIGITAL CIRCUITS	23	28	4
12BJ1A0419	R22023	SWITCHING THEORY & LOGIC DESIGN	21	30	4
12BJ1A0419	R22026	CONTROL SYSTEMS	22	44	4
12BJ1A0419	R22041	ANALOG COMMUNICATIONS	23	45	4
12BJ1A0419	R22042	EMWTL	21	36	4
12BJ1A0419	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	33	4
12BJ1A0419	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	46	2
12BJ1A0419	R22045	ANALOG COMMUNICATIONS LAB	23	45	2
12BJ1A0420	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0420	R22021	PULSE & DIGITAL CIRCUITS	19	26	4
12BJ1A0420	R22023	SWITCHING THEORY & LOGIC DESIGN	21	26	4
12BJ1A0420	R22026	CONTROL SYSTEMS	20	26	4
12BJ1A0420	R22041	ANALOG COMMUNICATIONS	20	6	0
12BJ1A0420	R22042	EMWTL	23	34	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0420	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	26	4
12BJ1A0420	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
12BJ1A0420	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A0421	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0421	R22021	PULSE & DIGITAL CIRCUITS	22	26	4
12BJ1A0421	R22023	SWITCHING THEORY & LOGIC DESIGN	22	12	0
12BJ1A0421	R22026	CONTROL SYSTEMS	21	58	4
12BJ1A0421	R22041	ANALOG COMMUNICATIONS	23	32	4
12BJ1A0421	R22042	EMWTL	20	9	0
12BJ1A0421	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	30	4
12BJ1A0421	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	47	2
12BJ1A0421	R22045	ANALOG COMMUNICATIONS LAB	23	45	2
12BJ1A0422	R22019	ENGLISH COMMUNICATION PRACTICE LAB	13	-1	0
12BJ1A0422	R22021	PULSE & DIGITAL CIRCUITS	0	-1	0
12BJ1A0422	R22023	SWITCHING THEORY & LOGIC DESIGN	0	-1	0
12BJ1A0422	R22026	CONTROL SYSTEMS	0	-1	0
12BJ1A0422	R22041	ANALOG COMMUNICATIONS	0	-1	0
12BJ1A0422	R22042	EMWTL	0	-1	0
12BJ1A0422	R22043	ELECTRONIC CIRCUIT ANALYSIS	0	-1	0
12BJ1A0422	R22044	ELECTRONICS CIRCUITS & PDC LAB	14	-1	0
12BJ1A0422	R22045	ANALOG COMMUNICATIONS LAB	13	-1	0
12BJ1A0423	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0423	R22021	PULSE & DIGITAL CIRCUITS	19	4	0
12BJ1A0423	R22023	SWITCHING THEORY & LOGIC DESIGN	21	16	0
12BJ1A0423	R22026	CONTROL SYSTEMS	22	26	4
12BJ1A0423	R22041	ANALOG COMMUNICATIONS	15	18	0
12BJ1A0423	R22042	EMWTL	18	20	0
12BJ1A0423	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	26	4
12BJ1A0423	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	46	2
12BJ1A0423	R22045	ANALOG COMMUNICATIONS LAB	22	44	2
12BJ1A0424	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0424	R22021	PULSE & DIGITAL CIRCUITS	21	34	4
12BJ1A0424	R22023	SWITCHING THEORY & LOGIC DESIGN	20	47	4
12BJ1A0424	R22026	CONTROL SYSTEMS	20	33	4
12BJ1A0424	R22041	ANALOG COMMUNICATIONS	23	31	4
12BJ1A0424	R22042	EMWTL	17	31	4
12BJ1A0424	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	45	4
12BJ1A0424	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0424	R22045	ANALOG COMMUNICATIONS LAB	22	46	2
12BJ1A0425	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0425	R22021	PULSE & DIGITAL CIRCUITS	17	16	0
12BJ1A0425	R22023	SWITCHING THEORY & LOGIC DESIGN	18	3	0
12BJ1A0425	R22026	CONTROL SYSTEMS	16	18	0
12BJ1A0425	R22041	ANALOG COMMUNICATIONS	19	14	0
12BJ1A0425	R22042	EMWTL	16	26	4
12BJ1A0425	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	32	4
12BJ1A0425	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A0425	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A0426	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0426	R22021	PULSE & DIGITAL CIRCUITS	20	16	0
12BJ1A0426	R22023	SWITCHING THEORY & LOGIC DESIGN	15	4	0



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0426	R22026	CONTROL SYSTEMS	15	0	0
12BJ1A0426	R22041	ANALOG COMMUNICATIONS	15	12	0
12BJ1A0426	R22042	EMWTL	15	2	0
12BJ1A0426	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	3	0
12BJ1A0426	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
12BJ1A0426	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A0427	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0427	R22021	PULSE & DIGITAL CIRCUITS	20	9	0
12BJ1A0427	R22023	SWITCHING THEORY & LOGIC DESIGN	14	32	4
12BJ1A0427	R22026	CONTROL SYSTEMS	15	39	4
12BJ1A0427	R22041	ANALOG COMMUNICATIONS	15	29	4
12BJ1A0427	R22042	EMWTL	15	4	0
12BJ1A0427	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	32	4
12BJ1A0427	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	46	2
12BJ1A0427	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A0428	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0428	R22021	PULSE & DIGITAL CIRCUITS	19	3	0
12BJ1A0428	R22023	SWITCHING THEORY & LOGIC DESIGN	18	11	0
12BJ1A0428	R22026	CONTROL SYSTEMS	18	1	0
12BJ1A0428	R22041	ANALOG COMMUNICATIONS	15	4	0
12BJ1A0428	R22042	EMWTL	15	4	0
12BJ1A0428	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	8	0
12BJ1A0428	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
12BJ1A0428	R22045	ANALOG COMMUNICATIONS LAB	21	43	2
12BJ1A0429	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A0429	R22021	PULSE & DIGITAL CIRCUITS	15	1	0
12BJ1A0429	R22023	SWITCHING THEORY & LOGIC DESIGN	18	2	0
12BJ1A0429	R22026	CONTROL SYSTEMS	15	39	4
12BJ1A0429	R22041	ANALOG COMMUNICATIONS	14	10	0
12BJ1A0429	R22042	EMWTL	15	6	0
12BJ1A0429	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	2	0
12BJ1A0429	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	41	2
12BJ1A0429	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A0430	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0430	R22021	PULSE & DIGITAL CIRCUITS	19	27	4
12BJ1A0430	R22023	SWITCHING THEORY & LOGIC DESIGN	21	27	4
12BJ1A0430	R22026	CONTROL SYSTEMS	22	16	0
12BJ1A0430	R22041	ANALOG COMMUNICATIONS	19	15	0
12BJ1A0430	R22042	EMWTL	17	34	4
12BJ1A0430	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	9	0
12BJ1A0430	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A0430	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A0431	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0431	R22021	PULSE & DIGITAL CIRCUITS	15	0	0
12BJ1A0431	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A0431	R22026	CONTROL SYSTEMS	17	2	0
12BJ1A0431	R22041	ANALOG COMMUNICATIONS	18	10	0
12BJ1A0431	R22042	EMWTL	15	2	0
12BJ1A0431	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	0	0
12BJ1A0431	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	39	2
12BJ1A0431	R22045	ANALOG COMMUNICATIONS LAB	20	38	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0432	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0432	R22021	PULSE & DIGITAL CIRCUITS	17	7	0
12BJ1A0432	R22023	SWITCHING THEORY & LOGIC DESIGN	16	17	0
12BJ1A0432	R22026	CONTROL SYSTEMS	16	10	0
12BJ1A0432	R22041	ANALOG COMMUNICATIONS	19	3	0
12BJ1A0432	R22042	EMWTL	15	8	0
12BJ1A0432	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	2	0
12BJ1A0432	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	38	2
12BJ1A0432	R22045	ANALOG COMMUNICATIONS LAB	23	37	2
12BJ1A0433	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0433	R22021	PULSE & DIGITAL CIRCUITS	14	13	0
12BJ1A0433	R22023	SWITCHING THEORY & LOGIC DESIGN	15	7	0
12BJ1A0433	R22026	CONTROL SYSTEMS	16	43	4
12BJ1A0433	R22041	ANALOG COMMUNICATIONS	15	11	0
12BJ1A0433	R22042	EMWTL	15	7	0
12BJ1A0433	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	10	0
12BJ1A0433	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	41	2
12BJ1A0433	R22045	ANALOG COMMUNICATIONS LAB	23	40	2
12BJ1A0434	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0434	R22021	PULSE & DIGITAL CIRCUITS	16	27	4
12BJ1A0434	R22023	SWITCHING THEORY & LOGIC DESIGN	15	8	0
12BJ1A0434	R22026	CONTROL SYSTEMS	15	10	0
12BJ1A0434	R22041	ANALOG COMMUNICATIONS	15	6	0
12BJ1A0434	R22042	EMWTL	14	6	0
12BJ1A0434	R22043	ELECTRONIC CIRCUIT ANALYSIS	0	10	0
12BJ1A0434	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	41	2
12BJ1A0434	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A0435	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0435	R22021	PULSE & DIGITAL CIRCUITS	20	8	0
12BJ1A0435	R22023	SWITCHING THEORY & LOGIC DESIGN	20	17	0
12BJ1A0435	R22026	CONTROL SYSTEMS	19	14	0
12BJ1A0435	R22041	ANALOG COMMUNICATIONS	19	9	0
12BJ1A0435	R22042	EMWTL	22	13	0
12BJ1A0435	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	21	0
12BJ1A0435	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	42	2
12BJ1A0435	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
12BJ1A0436	R22019	ENGLISH COMMUNICATION PRACTICE LAB	18	38	1
12BJ1A0436	R22021	PULSE & DIGITAL CIRCUITS	19	7	0
12BJ1A0436	R22023	SWITCHING THEORY & LOGIC DESIGN	16	2	0
12BJ1A0436	R22026	CONTROL SYSTEMS	18	13	0
12BJ1A0436	R22041	ANALOG COMMUNICATIONS	20	9	0
12BJ1A0436	R22042	EMWTL	15	3	0
12BJ1A0436	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	0	0
12BJ1A0436	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	36	2
12BJ1A0436	R22045	ANALOG COMMUNICATIONS LAB	22	35	2
12BJ1A0437	R22019	ENGLISH COMMUNICATION PRACTICE LAB	18	38	1
12BJ1A0437	R22021	PULSE & DIGITAL CIRCUITS	18	18	0
12BJ1A0437	R22023	SWITCHING THEORY & LOGIC DESIGN	16	8	0
12BJ1A0437	R22026	CONTROL SYSTEMS	15	7	0
12BJ1A0437	R22041	ANALOG COMMUNICATIONS	19	31	4
12BJ1A0437	R22042	EMWTL	15	12	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0437	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	46	4
12BJ1A0437	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	38	2
12BJ1A0437	R22045	ANALOG COMMUNICATIONS LAB	20	35	2
12BJ1A0438	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0438	R22021	PULSE & DIGITAL CIRCUITS	22	31	4
12BJ1A0438	R22023	SWITCHING THEORY & LOGIC DESIGN	19	33	4
12BJ1A0438	R22026	CONTROL SYSTEMS	15	15	0
12BJ1A0438	R22041	ANALOG COMMUNICATIONS	21	30	4
12BJ1A0438	R22042	EMWTL	21	6	0
12BJ1A0438	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	28	4
12BJ1A0438	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	39	2
12BJ1A0438	R22045	ANALOG COMMUNICATIONS LAB	23	43	2
12BJ1A0439	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0439	R22021	PULSE & DIGITAL CIRCUITS	22	4	0
12BJ1A0439	R22023	SWITCHING THEORY & LOGIC DESIGN	20	4	0
12BJ1A0439	R22026	CONTROL SYSTEMS	19	27	4
12BJ1A0439	R22041	ANALOG COMMUNICATIONS	14	28	4
12BJ1A0439	R22042	EMWTL	23	16	0
12BJ1A0439	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	18	0
12BJ1A0439	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A0439	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A0440	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0440	R22021	PULSE & DIGITAL CIRCUITS	21	9	0
12BJ1A0440	R22023	SWITCHING THEORY & LOGIC DESIGN	19	8	0
12BJ1A0440	R22026	CONTROL SYSTEMS	17	26	4
12BJ1A0440	R22041	ANALOG COMMUNICATIONS	22	3	0
12BJ1A0440	R22042	EMWTL	19	31	4
12BJ1A0440	R22043	ELECTRONIC CIRCUIT ANALYSIS	23	26	4
12BJ1A0440	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	39	2
12BJ1A0440	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A0441	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A0441	R22021	PULSE & DIGITAL CIRCUITS	21	28	4
12BJ1A0441	R22023	SWITCHING THEORY & LOGIC DESIGN	18	26	4
12BJ1A0441	R22026	CONTROL SYSTEMS	19	57	4
12BJ1A0441	R22041	ANALOG COMMUNICATIONS	19	31	4
12BJ1A0441	R22042	EMWTL	15	29	4
12BJ1A0441	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	39	4
12BJ1A0441	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A0441	R22045	ANALOG COMMUNICATIONS LAB	25	47	2
12BJ1A0442	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	35	1
12BJ1A0442	R22021	PULSE & DIGITAL CIRCUITS	19	29	4
12BJ1A0442	R22023	SWITCHING THEORY & LOGIC DESIGN	20	29	4
12BJ1A0442	R22026	CONTROL SYSTEMS	16	12	0
12BJ1A0442	R22041	ANALOG COMMUNICATIONS	21	26	4
12BJ1A0442	R22042	EMWTL	15	0	0
12BJ1A0442	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	27	4
12BJ1A0442	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	39	2
12BJ1A0442	R22045	ANALOG COMMUNICATIONS LAB	21	35	2
12BJ1A0443	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0443	R22021	PULSE & DIGITAL CIRCUITS	19	8	0
12BJ1A0443	R22023	SWITCHING THEORY & LOGIC DESIGN	16	7	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0443	R22026	CONTROL SYSTEMS	18	6	0
12BJ1A0443	R22041	ANALOG COMMUNICATIONS	14	14	0
12BJ1A0443	R22042	EMWTL	15	7	0
12BJ1A0443	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	10	0
12BJ1A0443	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
12BJ1A0443	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0444	R22019	ENGLISH COMMUNICATION PRACTICE LAB	18	35	1
12BJ1A0444	R22021	PULSE & DIGITAL CIRCUITS	15	13	0
12BJ1A0444	R22023	SWITCHING THEORY & LOGIC DESIGN	19	0	0
12BJ1A0444	R22026	CONTROL SYSTEMS	16	7	0
12BJ1A0444	R22041	ANALOG COMMUNICATIONS	15	0	0
12BJ1A0444	R22042	EMWTL	16	31	4
12BJ1A0444	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	8	0
12BJ1A0444	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	38	2
12BJ1A0444	R22045	ANALOG COMMUNICATIONS LAB	21	35	2
12BJ1A0445	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	45	1
12BJ1A0445	R22021	PULSE & DIGITAL CIRCUITS	16	16	0
12BJ1A0445	R22023	SWITCHING THEORY & LOGIC DESIGN	18	4	0
12BJ1A0445	R22026	CONTROL SYSTEMS	18	41	4
12BJ1A0445	R22041	ANALOG COMMUNICATIONS	15	41	4
12BJ1A0445	R22042	EMWTL	15	34	4
12BJ1A0445	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	42	4
12BJ1A0445	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A0445	R22045	ANALOG COMMUNICATIONS LAB	21	45	2
12BJ1A0446	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0446	R22021	PULSE & DIGITAL CIRCUITS	18	0	0
12BJ1A0446	R22023	SWITCHING THEORY & LOGIC DESIGN	16	7	0
12BJ1A0446	R22026	CONTROL SYSTEMS	20	1	0
12BJ1A0446	R22041	ANALOG COMMUNICATIONS	17	1	0
12BJ1A0446	R22042	EMWTL	16	3	0
12BJ1A0446	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	7	0
12BJ1A0446	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	45	2
12BJ1A0446	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0447	R22019	ENGLISH COMMUNICATION PRACTICE LAB	19	38	1
12BJ1A0447	R22021	PULSE & DIGITAL CIRCUITS	15	9	0
12BJ1A0447	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A0447	R22026	CONTROL SYSTEMS	15	3	0
12BJ1A0447	R22041	ANALOG COMMUNICATIONS	15	18	0
12BJ1A0447	R22042	EMWTL	15	0	0
12BJ1A0447	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	16	0
12BJ1A0447	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	38	2
12BJ1A0447	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A0448	R22019	ENGLISH COMMUNICATION PRACTICE LAB	17	32	1
12BJ1A0448	R22021	PULSE & DIGITAL CIRCUITS	15	7	0
12BJ1A0448	R22023	SWITCHING THEORY & LOGIC DESIGN	14	26	4
12BJ1A0448	R22026	CONTROL SYSTEMS	15	17	0
12BJ1A0448	R22041	ANALOG COMMUNICATIONS	15	16	0
12BJ1A0448	R22042	EMWTL	15	42	4
12BJ1A0448	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	2	0
12BJ1A0448	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	36	2
12BJ1A0448	R22045	ANALOG COMMUNICATIONS LAB	20	35	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0449	R22019	ENGLISH COMMUNICATION PRACTICE LAB	14	-1	0
12BJ1A0449	R22021	PULSE & DIGITAL CIRCUITS	0	-1	0
12BJ1A0449	R22023	SWITCHING THEORY & LOGIC DESIGN	0	-1	0
12BJ1A0449	R22026	CONTROL SYSTEMS	0	-1	0
12BJ1A0449	R22041	ANALOG COMMUNICATIONS	0	-1	0
12BJ1A0449	R22042	EMWTL	0	-1	0
12BJ1A0449	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	-1	0
12BJ1A0449	R22044	ELECTRONICS CIRCUITS & PDC LAB	15	-1	0
12BJ1A0449	R22045	ANALOG COMMUNICATIONS LAB	14	-1	0
12BJ1A0450	R22019	ENGLISH COMMUNICATION PRACTICE LAB	18	35	1
12BJ1A0450	R22021	PULSE & DIGITAL CIRCUITS	18	33	4
12BJ1A0450	R22023	SWITCHING THEORY & LOGIC DESIGN	15	12	0
12BJ1A0450	R22026	CONTROL SYSTEMS	15	2	0
12BJ1A0450	R22041	ANALOG COMMUNICATIONS	15	15	0
12BJ1A0450	R22042	EMWTL	15	0	0
12BJ1A0450	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	13	0
12BJ1A0450	R22044	ELECTRONICS CIRCUITS & PDC LAB	14	35	2
12BJ1A0450	R22045	ANALOG COMMUNICATIONS LAB	14	35	2
12BJ1A0451	R22019	ENGLISH COMMUNICATION PRACTICE LAB	14	-1	0
12BJ1A0451	R22021	PULSE & DIGITAL CIRCUITS	15	-1	0
12BJ1A0451	R22023	SWITCHING THEORY & LOGIC DESIGN	15	-1	0
12BJ1A0451	R22026	CONTROL SYSTEMS	15	-1	0
12BJ1A0451	R22041	ANALOG COMMUNICATIONS	15	-1	0
12BJ1A0451	R22042	EMWTL	15	-1	0
12BJ1A0451	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	-1	0
12BJ1A0451	R22044	ELECTRONICS CIRCUITS & PDC LAB	15	-1	0
12BJ1A0451	R22045	ANALOG COMMUNICATIONS LAB	14	-1	0
12BJ1A0452	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A0452	R22021	PULSE & DIGITAL CIRCUITS	17	9	0
12BJ1A0452	R22023	SWITCHING THEORY & LOGIC DESIGN	15	26	4
12BJ1A0452	R22026	CONTROL SYSTEMS	15	8	0
12BJ1A0452	R22041	ANALOG COMMUNICATIONS	15	0	0
12BJ1A0452	R22042	EMWTL	15	11	0
12BJ1A0452	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	10	0
12BJ1A0452	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	41	2
12BJ1A0452	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
12BJ1A0453	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0453	R22021	PULSE & DIGITAL CIRCUITS	17	17	0
12BJ1A0453	R22023	SWITCHING THEORY & LOGIC DESIGN	17	3	0
12BJ1A0453	R22026	CONTROL SYSTEMS	16	17	0
12BJ1A0453	R22041	ANALOG COMMUNICATIONS	18	30	4
12BJ1A0453	R22042	EMWTL	15	6	0
12BJ1A0453	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	20	0
12BJ1A0453	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	48	2
12BJ1A0453	R22045	ANALOG COMMUNICATIONS LAB	22	47	2
12BJ1A0454	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0454	R22021	PULSE & DIGITAL CIRCUITS	16	35	4
12BJ1A0454	R22023	SWITCHING THEORY & LOGIC DESIGN	14	26	4
12BJ1A0454	R22026	CONTROL SYSTEMS	14	0	0
12BJ1A0454	R22041	ANALOG COMMUNICATIONS	15	26	4
12BJ1A0454	R22042	EMWTL	16	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0454	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	14	0
12BJ1A0454	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A0454	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A0455	R22019	ENGLISH COMMUNICATION PRACTICE LAB	13	-1	0
12BJ1A0455	R22021	PULSE & DIGITAL CIRCUITS	0	-1	0
12BJ1A0455	R22023	SWITCHING THEORY & LOGIC DESIGN	0	-1	0
12BJ1A0455	R22026	CONTROL SYSTEMS	0	-1	0
12BJ1A0455	R22041	ANALOG COMMUNICATIONS	0	-1	0
12BJ1A0455	R22042	EMWTL	0	-1	0
12BJ1A0455	R22043	ELECTRONIC CIRCUIT ANALYSIS	0	-1	0
12BJ1A0455	R22044	ELECTRONICS CIRCUITS & PDC LAB	14	44	2
12BJ1A0455	R22045	ANALOG COMMUNICATIONS LAB	13	-1	0
12BJ1A0456	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0456	R22021	PULSE & DIGITAL CIRCUITS	16	3	0
12BJ1A0456	R22023	SWITCHING THEORY & LOGIC DESIGN	15	17	0
12BJ1A0456	R22026	CONTROL SYSTEMS	15	3	0
12BJ1A0456	R22041	ANALOG COMMUNICATIONS	15	0	0
12BJ1A0456	R22042	EMWTL	15	12	0
12BJ1A0456	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
12BJ1A0456	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A0456	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A0457	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A0457	R22021	PULSE & DIGITAL CIRCUITS	19	4	0
12BJ1A0457	R22023	SWITCHING THEORY & LOGIC DESIGN	16	4	0
12BJ1A0457	R22026	CONTROL SYSTEMS	15	16	0
12BJ1A0457	R22041	ANALOG COMMUNICATIONS	17	9	0
12BJ1A0457	R22042	EMWTL	15	0	0
12BJ1A0457	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	20	0
12BJ1A0457	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A0457	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0458	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0458	R22021	PULSE & DIGITAL CIRCUITS	18	3	0
12BJ1A0458	R22023	SWITCHING THEORY & LOGIC DESIGN	16	7	0
12BJ1A0458	R22026	CONTROL SYSTEMS	15	4	0
12BJ1A0458	R22041	ANALOG COMMUNICATIONS	16	14	0
12BJ1A0458	R22042	EMWTL	16	6	0
12BJ1A0458	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	10	0
12BJ1A0458	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A0458	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A0459	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0459	R22021	PULSE & DIGITAL CIRCUITS	17	7	0
12BJ1A0459	R22023	SWITCHING THEORY & LOGIC DESIGN	16	6	0
12BJ1A0459	R22026	CONTROL SYSTEMS	14	28	4
12BJ1A0459	R22041	ANALOG COMMUNICATIONS	15	17	0
12BJ1A0459	R22042	EMWTL	16	16	0
12BJ1A0459	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	21	0
12BJ1A0459	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
12BJ1A0459	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0460	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0460	R22021	PULSE & DIGITAL CIRCUITS	19	26	4
12BJ1A0460	R22023	SWITCHING THEORY & LOGIC DESIGN	17	33	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0460	R22026	CONTROL SYSTEMS	14	13	0
12BJ1A0460	R22041	ANALOG COMMUNICATIONS	14	32	4
12BJ1A0460	R22042	EMWTL	16	15	0
12BJ1A0460	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	4	0
12BJ1A0460	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	47	2
12BJ1A0460	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A0461	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A0461	R22021	PULSE & DIGITAL CIRCUITS	19	12	0
12BJ1A0461	R22023	SWITCHING THEORY & LOGIC DESIGN	21	17	0
12BJ1A0461	R22026	CONTROL SYSTEMS	18	26	4
12BJ1A0461	R22041	ANALOG COMMUNICATIONS	21	26	4
12BJ1A0461	R22042	EMWTL	21	28	4
12BJ1A0461	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	29	4
12BJ1A0461	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	43	2
12BJ1A0461	R22045	ANALOG COMMUNICATIONS LAB	23	43	2
12BJ1A0462	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0462	R22021	PULSE & DIGITAL CIRCUITS	22	36	4
12BJ1A0462	R22023	SWITCHING THEORY & LOGIC DESIGN	20	44	4
12BJ1A0462	R22026	CONTROL SYSTEMS	21	32	4
12BJ1A0462	R22041	ANALOG COMMUNICATIONS	22	39	4
12BJ1A0462	R22042	EMWTL	17	43	4
12BJ1A0462	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	18	0
12BJ1A0462	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	49	2
12BJ1A0462	R22045	ANALOG COMMUNICATIONS LAB	24	47	2
12BJ1A0463	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0463	R22021	PULSE & DIGITAL CIRCUITS	21	13	0
12BJ1A0463	R22023	SWITCHING THEORY & LOGIC DESIGN	23	10	0
12BJ1A0463	R22026	CONTROL SYSTEMS	18	14	0
12BJ1A0463	R22041	ANALOG COMMUNICATIONS	22	19	0
12BJ1A0463	R22042	EMWTL	20	13	0
12BJ1A0463	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	17	0
12BJ1A0463	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	48	2
12BJ1A0463	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0464	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0464	R22021	PULSE & DIGITAL CIRCUITS	24	32	4
12BJ1A0464	R22023	SWITCHING THEORY & LOGIC DESIGN	25	62	4
12BJ1A0464	R22026	CONTROL SYSTEMS	23	38	4
12BJ1A0464	R22041	ANALOG COMMUNICATIONS	23	45	4
12BJ1A0464	R22042	EMWTL	21	15	0
12BJ1A0464	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	45	4
12BJ1A0464	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	48	2
12BJ1A0464	R22045	ANALOG COMMUNICATIONS LAB	24	48	2
12BJ1A0465	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0465	R22021	PULSE & DIGITAL CIRCUITS	22	16	0
12BJ1A0465	R22023	SWITCHING THEORY & LOGIC DESIGN	22	33	4
12BJ1A0465	R22026	CONTROL SYSTEMS	18	26	4
12BJ1A0465	R22041	ANALOG COMMUNICATIONS	20	30	4
12BJ1A0465	R22042	EMWTL	17	34	4
12BJ1A0465	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	55	4
12BJ1A0465	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	46	2
12BJ1A0465	R22045	ANALOG COMMUNICATIONS LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0466	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0466	R22021	PULSE & DIGITAL CIRCUITS	17	38	4
12BJ1A0466	R22023	SWITCHING THEORY & LOGIC DESIGN	23	40	4
12BJ1A0466	R22026	CONTROL SYSTEMS	19	26	4
12BJ1A0466	R22041	ANALOG COMMUNICATIONS	22	28	4
12BJ1A0466	R22042	EMWTL	21	39	4
12BJ1A0466	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	14	0
12BJ1A0466	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	46	2
12BJ1A0466	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
12BJ1A0467	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0467	R22021	PULSE & DIGITAL CIRCUITS	20	26	4
12BJ1A0467	R22023	SWITCHING THEORY & LOGIC DESIGN	19	13	0
12BJ1A0467	R22026	CONTROL SYSTEMS	19	26	4
12BJ1A0467	R22041	ANALOG COMMUNICATIONS	22	28	4
12BJ1A0467	R22042	EMWTL	22	26	4
12BJ1A0467	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	19	0
12BJ1A0467	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A0467	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
12BJ1A0468	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0468	R22021	PULSE & DIGITAL CIRCUITS	21	15	0
12BJ1A0468	R22023	SWITCHING THEORY & LOGIC DESIGN	18	9	0
12BJ1A0468	R22026	CONTROL SYSTEMS	21	16	0
12BJ1A0468	R22041	ANALOG COMMUNICATIONS	21	30	4
12BJ1A0468	R22042	EMWTL	19	28	4
12BJ1A0468	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	26	4
12BJ1A0468	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A0468	R22045	ANALOG COMMUNICATIONS LAB	21	41	2
12BJ1A0469	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0469	R22021	PULSE & DIGITAL CIRCUITS	22	26	4
12BJ1A0469	R22023	SWITCHING THEORY & LOGIC DESIGN	22	5	0
12BJ1A0469	R22026	CONTROL SYSTEMS	23	11	0
12BJ1A0469	R22041	ANALOG COMMUNICATIONS	22	19	0
12BJ1A0469	R22042	EMWTL	23	16	0
12BJ1A0469	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	29	4
12BJ1A0469	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	48	2
12BJ1A0469	R22045	ANALOG COMMUNICATIONS LAB	23	45	2
12BJ1A0470	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0470	R22021	PULSE & DIGITAL CIRCUITS	21	30	4
12BJ1A0470	R22023	SWITCHING THEORY & LOGIC DESIGN	21	29	4
12BJ1A0470	R22026	CONTROL SYSTEMS	18	15	0
12BJ1A0470	R22041	ANALOG COMMUNICATIONS	22	36	4
12BJ1A0470	R22042	EMWTL	21	51	4
12BJ1A0470	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	15	0
12BJ1A0470	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	49	2
12BJ1A0470	R22045	ANALOG COMMUNICATIONS LAB	23	45	2
12BJ1A0471	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
12BJ1A0471	R22021	PULSE & DIGITAL CIRCUITS	21	28	4
12BJ1A0471	R22023	SWITCHING THEORY & LOGIC DESIGN	24	13	0
12BJ1A0471	R22026	CONTROL SYSTEMS	23	34	4
12BJ1A0471	R22041	ANALOG COMMUNICATIONS	19	40	4
12BJ1A0471	R22042	EMWTL	21	34	4



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0471	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	37	4
12BJ1A0471	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	49	2
12BJ1A0471	R22045	ANALOG COMMUNICATIONS LAB	24	46	2
12BJ1A0472	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0472	R22021	PULSE & DIGITAL CIRCUITS	19	17	0
12BJ1A0472	R22023	SWITCHING THEORY & LOGIC DESIGN	20	38	4
12BJ1A0472	R22026	CONTROL SYSTEMS	19	36	4
12BJ1A0472	R22041	ANALOG COMMUNICATIONS	19	45	4
12BJ1A0472	R22042	EMWTL	17	38	4
12BJ1A0472	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	26	4
12BJ1A0472	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	48	2
12BJ1A0472	R22045	ANALOG COMMUNICATIONS LAB	23	45	2
12BJ1A0473	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0473	R22021	PULSE & DIGITAL CIRCUITS	19	27	4
12BJ1A0473	R22023	SWITCHING THEORY & LOGIC DESIGN	21	40	4
12BJ1A0473	R22026	CONTROL SYSTEMS	20	40	4
12BJ1A0473	R22041	ANALOG COMMUNICATIONS	22	51	4
12BJ1A0473	R22042	EMWTL	18	60	4
12BJ1A0473	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	62	4
12BJ1A0473	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0473	R22045	ANALOG COMMUNICATIONS LAB	24	47	2
12BJ1A0474	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0474	R22021	PULSE & DIGITAL CIRCUITS	20	32	4
12BJ1A0474	R22023	SWITCHING THEORY & LOGIC DESIGN	17	30	4
12BJ1A0474	R22026	CONTROL SYSTEMS	14	15	0
12BJ1A0474	R22041	ANALOG COMMUNICATIONS	18	40	4
12BJ1A0474	R22042	EMWTL	20	1	0
12BJ1A0474	R22043	ELECTRONIC CIRCUIT ANALYSIS	14	9	0
12BJ1A0474	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	42	2
12BJ1A0474	R22045	ANALOG COMMUNICATIONS LAB	22	44	2
12BJ1A0475	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0475	R22021	PULSE & DIGITAL CIRCUITS	22	14	0
12BJ1A0475	R22023	SWITCHING THEORY & LOGIC DESIGN	19	5	0
12BJ1A0475	R22026	CONTROL SYSTEMS	21	26	4
12BJ1A0475	R22041	ANALOG COMMUNICATIONS	24	40	4
12BJ1A0475	R22042	EMWTL	20	31	4
12BJ1A0475	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	30	4
12BJ1A0475	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	47	2
12BJ1A0475	R22045	ANALOG COMMUNICATIONS LAB	22	45	2
12BJ1A0476	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0476	R22021	PULSE & DIGITAL CIRCUITS	21	15	0
12BJ1A0476	R22023	SWITCHING THEORY & LOGIC DESIGN	19	52	4
12BJ1A0476	R22026	CONTROL SYSTEMS	17	39	4
12BJ1A0476	R22041	ANALOG COMMUNICATIONS	19	43	4
12BJ1A0476	R22042	EMWTL	19	4	0
12BJ1A0476	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	14	0
12BJ1A0476	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A0476	R22045	ANALOG COMMUNICATIONS LAB	22	45	2
12BJ1A0477	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	47	1
12BJ1A0477	R22021	PULSE & DIGITAL CIRCUITS	22	26	4
12BJ1A0477	R22023	SWITCHING THEORY & LOGIC DESIGN	23	39	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0477	R22026	CONTROL SYSTEMS	19	34	4
12BJ1A0477	R22041	ANALOG COMMUNICATIONS	18	42	4
12BJ1A0477	R22042	EMWTL	21	51	4
12BJ1A0477	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	50	4
12BJ1A0477	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
12BJ1A0477	R22045	ANALOG COMMUNICATIONS LAB	24	48	2
12BJ1A0478	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0478	R22021	PULSE & DIGITAL CIRCUITS	23	35	4
12BJ1A0478	R22023	SWITCHING THEORY & LOGIC DESIGN	18	40	4
12BJ1A0478	R22026	CONTROL SYSTEMS	20	38	4
12BJ1A0478	R22041	ANALOG COMMUNICATIONS	20	40	4
12BJ1A0478	R22042	EMWTL	19	43	4
12BJ1A0478	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	26	4
12BJ1A0478	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	43	2
12BJ1A0478	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A0479	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	42	1
12BJ1A0479	R22021	PULSE & DIGITAL CIRCUITS	20	31	4
12BJ1A0479	R22023	SWITCHING THEORY & LOGIC DESIGN	17	10	0
12BJ1A0479	R22026	CONTROL SYSTEMS	17	29	4
12BJ1A0479	R22041	ANALOG COMMUNICATIONS	18	34	4
12BJ1A0479	R22042	EMWTL	20	26	4
12BJ1A0479	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	28	4
12BJ1A0479	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A0479	R22045	ANALOG COMMUNICATIONS LAB	24	46	2
12BJ1A0480	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0480	R22021	PULSE & DIGITAL CIRCUITS	21	17	0
12BJ1A0480	R22023	SWITCHING THEORY & LOGIC DESIGN	20	49	4
12BJ1A0480	R22026	CONTROL SYSTEMS	18	42	4
12BJ1A0480	R22041	ANALOG COMMUNICATIONS	20	42	4
12BJ1A0480	R22042	EMWTL	20	44	4
12BJ1A0480	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	26	4
12BJ1A0480	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A0480	R22045	ANALOG COMMUNICATIONS LAB	22	44	2
12BJ1A0481	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0481	R22021	PULSE & DIGITAL CIRCUITS	17	7	0
12BJ1A0481	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A0481	R22026	CONTROL SYSTEMS	18	35	4
12BJ1A0481	R22041	ANALOG COMMUNICATIONS	15	34	4
12BJ1A0481	R22042	EMWTL	15	4	0
12BJ1A0481	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	26	4
12BJ1A0481	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	45	2
12BJ1A0481	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0482	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0482	R22021	PULSE & DIGITAL CIRCUITS	15	19	0
12BJ1A0482	R22023	SWITCHING THEORY & LOGIC DESIGN	14	26	4
12BJ1A0482	R22026	CONTROL SYSTEMS	15	2	0
12BJ1A0482	R22041	ANALOG COMMUNICATIONS	17	26	4
12BJ1A0482	R22042	EMWTL	15	2	0
12BJ1A0482	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	9	0
12BJ1A0482	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A0482	R22045	ANALOG COMMUNICATIONS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0483	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0483	R22021	PULSE & DIGITAL CIRCUITS	15	-1	0
12BJ1A0483	R22023	SWITCHING THEORY & LOGIC DESIGN	15	-1	0
12BJ1A0483	R22026	CONTROL SYSTEMS	15	-1	0
12BJ1A0483	R22041	ANALOG COMMUNICATIONS	15	-1	0
12BJ1A0483	R22042	EMWTL	16	2	0
12BJ1A0483	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	2	0
12BJ1A0483	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	47	2
12BJ1A0483	R22045	ANALOG COMMUNICATIONS LAB	23	45	2
12BJ1A0484	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	46	1
12BJ1A0484	R22021	PULSE & DIGITAL CIRCUITS	18	0	0
12BJ1A0484	R22023	SWITCHING THEORY & LOGIC DESIGN	15	17	0
12BJ1A0484	R22026	CONTROL SYSTEMS	17	4	0
12BJ1A0484	R22041	ANALOG COMMUNICATIONS	14	18	0
12BJ1A0484	R22042	EMWTL	15	7	0
12BJ1A0484	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
12BJ1A0484	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A0484	R22045	ANALOG COMMUNICATIONS LAB	22	46	2
12BJ1A0485	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	43	1
12BJ1A0485	R22021	PULSE & DIGITAL CIRCUITS	17	21	0
12BJ1A0485	R22023	SWITCHING THEORY & LOGIC DESIGN	15	3	0
12BJ1A0485	R22026	CONTROL SYSTEMS	18	51	4
12BJ1A0485	R22041	ANALOG COMMUNICATIONS	23	28	4
12BJ1A0485	R22042	EMWTL	15	3	0
12BJ1A0485	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	26	4
12BJ1A0485	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	41	2
12BJ1A0485	R22045	ANALOG COMMUNICATIONS LAB	22	41	2
12BJ1A0486	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0486	R22021	PULSE & DIGITAL CIRCUITS	20	39	4
12BJ1A0486	R22023	SWITCHING THEORY & LOGIC DESIGN	17	17	0
12BJ1A0486	R22026	CONTROL SYSTEMS	20	1	0
12BJ1A0486	R22041	ANALOG COMMUNICATIONS	18	37	4
12BJ1A0486	R22042	EMWTL	20	4	0
12BJ1A0486	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	13	0
12BJ1A0486	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A0486	R22045	ANALOG COMMUNICATIONS LAB	21	44	2
12BJ1A0487	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0487	R22021	PULSE & DIGITAL CIRCUITS	19	13	0
12BJ1A0487	R22023	SWITCHING THEORY & LOGIC DESIGN	16	9	0
12BJ1A0487	R22026	CONTROL SYSTEMS	17	26	4
12BJ1A0487	R22041	ANALOG COMMUNICATIONS	21	30	4
12BJ1A0487	R22042	EMWTL	19	18	0
12BJ1A0487	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	27	4
12BJ1A0487	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	44	2
12BJ1A0487	R22045	ANALOG COMMUNICATIONS LAB	22	38	2
12BJ1A0488	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0488	R22021	PULSE & DIGITAL CIRCUITS	19	26	4
12BJ1A0488	R22023	SWITCHING THEORY & LOGIC DESIGN	15	38	4
12BJ1A0488	R22026	CONTROL SYSTEMS	20	39	4
12BJ1A0488	R22041	ANALOG COMMUNICATIONS	22	40	4
12BJ1A0488	R22042	EMWTL	17	34	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0488	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	26	4
12BJ1A0488	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	39	2
12BJ1A0488	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A0489	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0489	R22021	PULSE & DIGITAL CIRCUITS	15	1	0
12BJ1A0489	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A0489	R22026	CONTROL SYSTEMS	15	28	4
12BJ1A0489	R22041	ANALOG COMMUNICATIONS	16	1	0
12BJ1A0489	R22042	EMWTL	15	0	0
12BJ1A0489	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	18	0
12BJ1A0489	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	39	2
12BJ1A0489	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A0490	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0490	R22021	PULSE & DIGITAL CIRCUITS	15	15	0
12BJ1A0490	R22023	SWITCHING THEORY & LOGIC DESIGN	15	4	0
12BJ1A0490	R22026	CONTROL SYSTEMS	15	0	0
12BJ1A0490	R22041	ANALOG COMMUNICATIONS	14	31	4
12BJ1A0490	R22042	EMWTL	15	0	0
12BJ1A0490	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	10	0
12BJ1A0490	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	38	2
12BJ1A0490	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A0491	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0491	R22021	PULSE & DIGITAL CIRCUITS	18	26	4
12BJ1A0491	R22023	SWITCHING THEORY & LOGIC DESIGN	18	11	0
12BJ1A0491	R22026	CONTROL SYSTEMS	18	33	4
12BJ1A0491	R22041	ANALOG COMMUNICATIONS	18	29	4
12BJ1A0491	R22042	EMWTL	15	33	4
12BJ1A0491	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	32	4
12BJ1A0491	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A0491	R22045	ANALOG COMMUNICATIONS LAB	21	44	2
12BJ1A0492	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0492	R22021	PULSE & DIGITAL CIRCUITS	14	11	0
12BJ1A0492	R22023	SWITCHING THEORY & LOGIC DESIGN	14	31	4
12BJ1A0492	R22026	CONTROL SYSTEMS	14	14	0
12BJ1A0492	R22041	ANALOG COMMUNICATIONS	15	38	4
12BJ1A0492	R22042	EMWTL	14	31	4
12BJ1A0492	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	-1	0
12BJ1A0492	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	38	2
12BJ1A0492	R22045	ANALOG COMMUNICATIONS LAB	20	37	2
12BJ1A0493	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0493	R22021	PULSE & DIGITAL CIRCUITS	20	8	0
12BJ1A0493	R22023	SWITCHING THEORY & LOGIC DESIGN	15	6	0
12BJ1A0493	R22026	CONTROL SYSTEMS	18	32	4
12BJ1A0493	R22041	ANALOG COMMUNICATIONS	15	6	0
12BJ1A0493	R22042	EMWTL	19	7	0
12BJ1A0493	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	27	4
12BJ1A0493	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	45	2
12BJ1A0493	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0494	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
12BJ1A0494	R22021	PULSE & DIGITAL CIRCUITS	18	30	4
12BJ1A0494	R22023	SWITCHING THEORY & LOGIC DESIGN	15	8	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0494	R22026	CONTROL SYSTEMS	15	6	0
12BJ1A0494	R22041	ANALOG COMMUNICATIONS	15	14	0
12BJ1A0494	R22042	EMWTL	15	7	0
12BJ1A0494	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	10	0
12BJ1A0494	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	44	2
12BJ1A0494	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A0495	R22019	ENGLISH COMMUNICATION PRACTICE LAB	14	-1	0
12BJ1A0495	R22021	PULSE & DIGITAL CIRCUITS	0	-1	0
12BJ1A0495	R22023	SWITCHING THEORY & LOGIC DESIGN	0	-1	0
12BJ1A0495	R22026	CONTROL SYSTEMS	0	-1	0
12BJ1A0495	R22041	ANALOG COMMUNICATIONS	0	-1	0
12BJ1A0495	R22042	EMWTL	15	-1	0
12BJ1A0495	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	-1	0
12BJ1A0495	R22044	ELECTRONICS CIRCUITS & PDC LAB	14	-1	0
12BJ1A0495	R22045	ANALOG COMMUNICATIONS LAB	14	-1	0
12BJ1A0496	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A0496	R22021	PULSE & DIGITAL CIRCUITS	23	35	4
12BJ1A0496	R22023	SWITCHING THEORY & LOGIC DESIGN	22	26	4
12BJ1A0496	R22026	CONTROL SYSTEMS	21	31	4
12BJ1A0496	R22041	ANALOG COMMUNICATIONS	24	32	4
12BJ1A0496	R22042	EMWTL	20	41	4
12BJ1A0496	R22043	ELECTRONIC CIRCUIT ANALYSIS	23	35	4
12BJ1A0496	R22044	ELECTRONICS CIRCUITS & PDC LAB	25	48	2
12BJ1A0496	R22045	ANALOG COMMUNICATIONS LAB	25	48	2
12BJ1A0497	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0497	R22021	PULSE & DIGITAL CIRCUITS	18	19	0
12BJ1A0497	R22023	SWITCHING THEORY & LOGIC DESIGN	15	26	4
12BJ1A0497	R22026	CONTROL SYSTEMS	15	21	0
12BJ1A0497	R22041	ANALOG COMMUNICATIONS	18	37	4
12BJ1A0497	R22042	EMWTL	19	17	0
12BJ1A0497	R22043	ELECTRONIC CIRCUIT ANALYSIS	20	53	4
12BJ1A0497	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	39	2
12BJ1A0497	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A0498	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0498	R22021	PULSE & DIGITAL CIRCUITS	19	34	4
12BJ1A0498	R22023	SWITCHING THEORY & LOGIC DESIGN	18	27	4
12BJ1A0498	R22026	CONTROL SYSTEMS	18	32	4
12BJ1A0498	R22041	ANALOG COMMUNICATIONS	19	34	4
12BJ1A0498	R22042	EMWTL	17	14	0
12BJ1A0498	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	17	0
12BJ1A0498	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	43	2
12BJ1A0498	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A0499	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0499	R22021	PULSE & DIGITAL CIRCUITS	20	0	0
12BJ1A0499	R22023	SWITCHING THEORY & LOGIC DESIGN	18	0	0
12BJ1A0499	R22026	CONTROL SYSTEMS	15	8	0
12BJ1A0499	R22041	ANALOG COMMUNICATIONS	15	4	0
12BJ1A0499	R22042	EMWTL	15	3	0
12BJ1A0499	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	7	0
12BJ1A0499	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	45	2
12BJ1A0499	R22045	ANALOG COMMUNICATIONS LAB	21	42	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04A0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A04A0	R22021	PULSE & DIGITAL CIRCUITS	18	11	0
12BJ1A04A0	R22023	SWITCHING THEORY & LOGIC DESIGN	15	26	4
12BJ1A04A0	R22026	CONTROL SYSTEMS	15	3	0
12BJ1A04A0	R22041	ANALOG COMMUNICATIONS	15	0	0
12BJ1A04A0	R22042	EMWTL	15	18	0
12BJ1A04A0	R22043	ELECTRONIC CIRCUIT ANALYSIS	14	2	0
12BJ1A04A0	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	38	2
12BJ1A04A0	R22045	ANALOG COMMUNICATIONS LAB	20	37	2
12BJ1A04A1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04A1	R22021	PULSE & DIGITAL CIRCUITS	18	26	4
12BJ1A04A1	R22023	SWITCHING THEORY & LOGIC DESIGN	17	14	0
12BJ1A04A1	R22026	CONTROL SYSTEMS	19	28	4
12BJ1A04A1	R22041	ANALOG COMMUNICATIONS	21	49	4
12BJ1A04A1	R22042	EMWTL	17	35	4
12BJ1A04A1	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	54	4
12BJ1A04A1	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	46	2
12BJ1A04A1	R22045	ANALOG COMMUNICATIONS LAB	21	41	2
12BJ1A04A2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A04A2	R22021	PULSE & DIGITAL CIRCUITS	16	13	0
12BJ1A04A2	R22023	SWITCHING THEORY & LOGIC DESIGN	16	5	0
12BJ1A04A2	R22026	CONTROL SYSTEMS	15	6	0
12BJ1A04A2	R22041	ANALOG COMMUNICATIONS	15	28	4
12BJ1A04A2	R22042	EMWTL	17	2	0
12BJ1A04A2	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	8	0
12BJ1A04A2	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	41	2
12BJ1A04A2	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
12BJ1A04A3	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A04A3	R22021	PULSE & DIGITAL CIRCUITS	18	13	0
12BJ1A04A3	R22023	SWITCHING THEORY & LOGIC DESIGN	15	2	0
12BJ1A04A3	R22026	CONTROL SYSTEMS	15	1	0
12BJ1A04A3	R22041	ANALOG COMMUNICATIONS	15	22	0
12BJ1A04A3	R22042	EMWTL	15	2	0
12BJ1A04A3	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	0	0
12BJ1A04A3	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	43	2
12BJ1A04A3	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A04A4	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	42	1
12BJ1A04A4	R22021	PULSE & DIGITAL CIRCUITS	16	8	0
12BJ1A04A4	R22023	SWITCHING THEORY & LOGIC DESIGN	18	3	0
12BJ1A04A4	R22026	CONTROL SYSTEMS	15	0	0
12BJ1A04A4	R22041	ANALOG COMMUNICATIONS	19	0	0
12BJ1A04A4	R22042	EMWTL	15	2	0
12BJ1A04A4	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	12	0
12BJ1A04A4	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	43	2
12BJ1A04A4	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A04A5	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A04A5	R22021	PULSE & DIGITAL CIRCUITS	17	1	0
12BJ1A04A5	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A04A5	R22026	CONTROL SYSTEMS	14	4	0
12BJ1A04A5	R22041	ANALOG COMMUNICATIONS	14	4	0
12BJ1A04A5	R22042	EMWTL	17	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04A5	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	27	4
12BJ1A04A5	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	37	2
12BJ1A04A5	R22045	ANALOG COMMUNICATIONS LAB	20	40	2
12BJ1A04A6	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04A6	R22021	PULSE & DIGITAL CIRCUITS	18	33	4
12BJ1A04A6	R22023	SWITCHING THEORY & LOGIC DESIGN	18	40	4
12BJ1A04A6	R22026	CONTROL SYSTEMS	19	30	4
12BJ1A04A6	R22041	ANALOG COMMUNICATIONS	19	39	4
12BJ1A04A6	R22042	EMWTL	18	40	4
12BJ1A04A6	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	29	4
12BJ1A04A6	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A04A6	R22045	ANALOG COMMUNICATIONS LAB	24	49	2
12BJ1A04A7	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A04A7	R22021	PULSE & DIGITAL CIRCUITS	15	5	0
12BJ1A04A7	R22023	SWITCHING THEORY & LOGIC DESIGN	16	7	0
12BJ1A04A7	R22026	CONTROL SYSTEMS	18	20	0
12BJ1A04A7	R22041	ANALOG COMMUNICATIONS	15	11	0
12BJ1A04A7	R22042	EMWTL	16	10	0
12BJ1A04A7	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	13	0
12BJ1A04A7	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	43	2
12BJ1A04A7	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A04A8	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A04A8	R22021	PULSE & DIGITAL CIRCUITS	23	28	4
12BJ1A04A8	R22023	SWITCHING THEORY & LOGIC DESIGN	22	26	4
12BJ1A04A8	R22026	CONTROL SYSTEMS	22	29	4
12BJ1A04A8	R22041	ANALOG COMMUNICATIONS	22	28	4
12BJ1A04A8	R22042	EMWTL	19	42	4
12BJ1A04A8	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	26	4
12BJ1A04A8	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A04A8	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A04A9	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04A9	R22021	PULSE & DIGITAL CIRCUITS	17	14	0
12BJ1A04A9	R22023	SWITCHING THEORY & LOGIC DESIGN	17	10	0
12BJ1A04A9	R22026	CONTROL SYSTEMS	23	9	0
12BJ1A04A9	R22041	ANALOG COMMUNICATIONS	15	38	4
12BJ1A04A9	R22042	EMWTL	16	5	0
12BJ1A04A9	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	46	4
12BJ1A04A9	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	44	2
12BJ1A04A9	R22045	ANALOG COMMUNICATIONS LAB	21	43	2
12BJ1A04B0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A04B0	R22021	PULSE & DIGITAL CIRCUITS	20	16	0
12BJ1A04B0	R22023	SWITCHING THEORY & LOGIC DESIGN	19	2	0
12BJ1A04B0	R22026	CONTROL SYSTEMS	20	3	0
12BJ1A04B0	R22041	ANALOG COMMUNICATIONS	15	18	0
12BJ1A04B0	R22042	EMWTL	14	0	0
12BJ1A04B0	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	5	0
12BJ1A04B0	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	39	2
12BJ1A04B0	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A04B1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A04B1	R22021	PULSE & DIGITAL CIRCUITS	15	5	0
12BJ1A04B1	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04B1	R22026	CONTROL SYSTEMS	17	0	0
12BJ1A04B1	R22041	ANALOG COMMUNICATIONS	15	10	0
12BJ1A04B1	R22042	EMWTL	14	8	0
12BJ1A04B1	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	13	0
12BJ1A04B1	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	40	2
12BJ1A04B1	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A04B2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A04B2	R22021	PULSE & DIGITAL CIRCUITS	18	7	0
12BJ1A04B2	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A04B2	R22026	CONTROL SYSTEMS	20	4	0
12BJ1A04B2	R22041	ANALOG COMMUNICATIONS	15	9	0
12BJ1A04B2	R22042	EMWTL	15	1	0
12BJ1A04B2	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
12BJ1A04B2	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	36	2
12BJ1A04B2	R22045	ANALOG COMMUNICATIONS LAB	13	37	2
12BJ1A04B3	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A04B3	R22021	PULSE & DIGITAL CIRCUITS	18	3	0
12BJ1A04B3	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A04B3	R22026	CONTROL SYSTEMS	17	0	0
12BJ1A04B3	R22041	ANALOG COMMUNICATIONS	14	0	0
12BJ1A04B3	R22042	EMWTL	16	0	0
12BJ1A04B3	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	27	4
12BJ1A04B3	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	43	2
12BJ1A04B3	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A04B4	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A04B4	R22021	PULSE & DIGITAL CIRCUITS	18	11	0
12BJ1A04B4	R22023	SWITCHING THEORY & LOGIC DESIGN	15	2	0
12BJ1A04B4	R22026	CONTROL SYSTEMS	14	1	0
12BJ1A04B4	R22041	ANALOG COMMUNICATIONS	16	14	0
12BJ1A04B4	R22042	EMWTL	15	3	0
12BJ1A04B4	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	8	0
12BJ1A04B4	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	37	2
12BJ1A04B4	R22045	ANALOG COMMUNICATIONS LAB	21	36	2
12BJ1A04B5	R22019	ENGLISH COMMUNICATION PRACTICE LAB	13	-1	0
12BJ1A04B5	R22021	PULSE & DIGITAL CIRCUITS	0	-1	0
12BJ1A04B5	R22023	SWITCHING THEORY & LOGIC DESIGN	0	-1	0
12BJ1A04B5	R22026	CONTROL SYSTEMS	0	-1	0
12BJ1A04B5	R22041	ANALOG COMMUNICATIONS	0	-1	0
12BJ1A04B5	R22042	EMWTL	0	-1	0
12BJ1A04B5	R22043	ELECTRONIC CIRCUIT ANALYSIS	0	-1	0
12BJ1A04B5	R22044	ELECTRONICS CIRCUITS & PDC LAB	14	-1	0
12BJ1A04B5	R22045	ANALOG COMMUNICATIONS LAB	13	-1	0
12BJ1A04B6	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A04B6	R22044	ELECTRONICS CIRCUITS & PDC LAB	0	-1	0
12BJ1A04B6	R22045	ANALOG COMMUNICATIONS LAB	0	-1	0
12BJ1A04B7	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A04B7	R22021	PULSE & DIGITAL CIRCUITS	22	14	0
12BJ1A04B7	R22023	SWITCHING THEORY & LOGIC DESIGN	22	20	0
12BJ1A04B7	R22026	CONTROL SYSTEMS	20	36	4
12BJ1A04B7	R22041	ANALOG COMMUNICATIONS	23	16	0
12BJ1A04B7	R22042	EMWTL	21	45	4



Htno	Subcode	Subname	Internal	External	credits
12BJ1A04B7	R22043	ELECTRONIC CIRCUIT ANALYSIS	22	26	4
12BJ1A04B7	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A04B7	R22045	ANALOG COMMUNICATIONS LAB	25	48	2
12BJ1A04B8	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A04B8	R22021	PULSE & DIGITAL CIRCUITS	18	18	0
12BJ1A04B8	R22023	SWITCHING THEORY & LOGIC DESIGN	17	4	0
12BJ1A04B8	R22026	CONTROL SYSTEMS	18	10	0
12BJ1A04B8	R22041	ANALOG COMMUNICATIONS	15	11	0
12BJ1A04B8	R22042	EMWTL	8	9	0
12BJ1A04B8	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	48	4
12BJ1A04B8	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	41	2
12BJ1A04B8	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A04B9	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04B9	R22021	PULSE & DIGITAL CIRCUITS	19	26	4
12BJ1A04B9	R22023	SWITCHING THEORY & LOGIC DESIGN	21	30	4
12BJ1A04B9	R22026	CONTROL SYSTEMS	20	11	0
12BJ1A04B9	R22041	ANALOG COMMUNICATIONS	20	26	4
12BJ1A04B9	R22042	EMWTL	16	0	0
12BJ1A04B9	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	27	4
12BJ1A04B9	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	44	2
12BJ1A04B9	R22045	ANALOG COMMUNICATIONS LAB	21	43	2
12BJ1A04C0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04C0	R22021	PULSE & DIGITAL CIRCUITS	15	0	0
12BJ1A04C0	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A04C0	R22026	CONTROL SYSTEMS	16	1	0
12BJ1A04C0	R22041	ANALOG COMMUNICATIONS	15	8	0
12BJ1A04C0	R22042	EMWTL	15	0	0
12BJ1A04C0	R22043	ELECTRONIC CIRCUIT ANALYSIS	14	13	0
12BJ1A04C0	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	42	2
12BJ1A04C0	R22045	ANALOG COMMUNICATIONS LAB	21	42	2
12BJ1A04C1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A04C1	R22021	PULSE & DIGITAL CIRCUITS	23	32	4
12BJ1A04C1	R22023	SWITCHING THEORY & LOGIC DESIGN	21	62	4
12BJ1A04C1	R22026	CONTROL SYSTEMS	21	46	4
12BJ1A04C1	R22041	ANALOG COMMUNICATIONS	21	33	4
12BJ1A04C1	R22042	EMWTL	18	38	4
12BJ1A04C1	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	33	4
12BJ1A04C1	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	49	2
12BJ1A04C1	R22045	ANALOG COMMUNICATIONS LAB	24	47	2
12BJ1A04C2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04C2	R22021	PULSE & DIGITAL CIRCUITS	20	16	0
12BJ1A04C2	R22023	SWITCHING THEORY & LOGIC DESIGN	16	26	4
12BJ1A04C2	R22026	CONTROL SYSTEMS	17	18	0
12BJ1A04C2	R22041	ANALOG COMMUNICATIONS	18	46	4
12BJ1A04C2	R22042	EMWTL	16	13	0
12BJ1A04C2	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	46	4
12BJ1A04C2	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	44	2
12BJ1A04C2	R22045	ANALOG COMMUNICATIONS LAB	22	44	2
12BJ1A04C3	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A04C3	R22044	ELECTRONICS CIRCUITS & PDC LAB	0	-1	0
12BJ1A04C3	R22045	ANALOG COMMUNICATIONS LAB	0	-1	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04C4	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A04C4	R22021	PULSE & DIGITAL CIRCUITS	21	42	4
12BJ1A04C4	R22023	SWITCHING THEORY & LOGIC DESIGN	21	37	4
12BJ1A04C4	R22026	CONTROL SYSTEMS	16	36	4
12BJ1A04C4	R22041	ANALOG COMMUNICATIONS	19	37	4
12BJ1A04C4	R22042	EMWTL	18	30	4
12BJ1A04C4	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	17	0
12BJ1A04C4	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	49	2
12BJ1A04C4	R22045	ANALOG COMMUNICATIONS LAB	23	47	2
12BJ1A04C5	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A04C5	R22021	PULSE & DIGITAL CIRCUITS	20	7	0
12BJ1A04C5	R22023	SWITCHING THEORY & LOGIC DESIGN	19	28	4
12BJ1A04C5	R22026	CONTROL SYSTEMS	15	18	0
12BJ1A04C5	R22041	ANALOG COMMUNICATIONS	18	27	4
12BJ1A04C5	R22042	EMWTL	17	26	4
12BJ1A04C5	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	27	4
12BJ1A04C5	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	46	2
12BJ1A04C5	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A04C6	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1
12BJ1A04C6	R22021	PULSE & DIGITAL CIRCUITS	23	38	4
12BJ1A04C6	R22023	SWITCHING THEORY & LOGIC DESIGN	23	26	4
12BJ1A04C6	R22026	CONTROL SYSTEMS	17	45	4
12BJ1A04C6	R22041	ANALOG COMMUNICATIONS	22	31	4
12BJ1A04C6	R22042	EMWTL	16	44	4
12BJ1A04C6	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	38	4
12BJ1A04C6	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	48	2
12BJ1A04C6	R22045	ANALOG COMMUNICATIONS LAB	23	48	2
12BJ1A04C7	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A04C7	R22021	PULSE & DIGITAL CIRCUITS	23	20	0
12BJ1A04C7	R22023	SWITCHING THEORY & LOGIC DESIGN	19	26	4
12BJ1A04C7	R22026	CONTROL SYSTEMS	20	32	4
12BJ1A04C7	R22041	ANALOG COMMUNICATIONS	22	50	4
12BJ1A04C7	R22042	EMWTL	18	40	4
12BJ1A04C7	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	45	4
12BJ1A04C7	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	47	2
12BJ1A04C7	R22045	ANALOG COMMUNICATIONS LAB	23	46	2
12BJ1A04C8	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A04C8	R22021	PULSE & DIGITAL CIRCUITS	20	34	4
12BJ1A04C8	R22023	SWITCHING THEORY & LOGIC DESIGN	21	13	0
12BJ1A04C8	R22026	CONTROL SYSTEMS	18	6	0
12BJ1A04C8	R22041	ANALOG COMMUNICATIONS	23	45	4
12BJ1A04C8	R22042	EMWTL	19	0	0
12BJ1A04C8	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	14	0
12BJ1A04C8	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	47	2
12BJ1A04C8	R22045	ANALOG COMMUNICATIONS LAB	21	45	2
12BJ1A04C9	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04C9	R22021	PULSE & DIGITAL CIRCUITS	22	8	0
12BJ1A04C9	R22023	SWITCHING THEORY & LOGIC DESIGN	21	5	0
12BJ1A04C9	R22026	CONTROL SYSTEMS	20	18	0
12BJ1A04C9	R22041	ANALOG COMMUNICATIONS	20	14	0
12BJ1A04C9	R22042	EMWTL	16	11	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04C9	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	28	4
12BJ1A04C9	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A04C9	R22045	ANALOG COMMUNICATIONS LAB	22	45	2
12BJ1A04D0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04D0	R22021	PULSE & DIGITAL CIRCUITS	21	29	4
12BJ1A04D0	R22023	SWITCHING THEORY & LOGIC DESIGN	22	27	4
12BJ1A04D0	R22026	CONTROL SYSTEMS	23	29	4
12BJ1A04D0	R22041	ANALOG COMMUNICATIONS	20	40	4
12BJ1A04D0	R22042	EMWTL	20	51	4
12BJ1A04D0	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	45	4
12BJ1A04D0	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	45	2
12BJ1A04D0	R22045	ANALOG COMMUNICATIONS LAB	24	46	2
12BJ1A04D1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
12BJ1A04D1	R22021	PULSE & DIGITAL CIRCUITS	21	17	0
12BJ1A04D1	R22023	SWITCHING THEORY & LOGIC DESIGN	20	13	0
12BJ1A04D1	R22026	CONTROL SYSTEMS	18	17	0
12BJ1A04D1	R22041	ANALOG COMMUNICATIONS	16	26	4
12BJ1A04D1	R22042	EMWTL	18	29	4
12BJ1A04D1	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	34	4
12BJ1A04D1	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
12BJ1A04D1	R22045	ANALOG COMMUNICATIONS LAB	24	41	2
12BJ1A04D2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A04D2	R22021	PULSE & DIGITAL CIRCUITS	17	-1	0
12BJ1A04D2	R22023	SWITCHING THEORY & LOGIC DESIGN	14	15	0
12BJ1A04D2	R22026	CONTROL SYSTEMS	15	3	0
12BJ1A04D2	R22041	ANALOG COMMUNICATIONS	15	0	0
12BJ1A04D2	R22042	EMWTL	15	4	0
12BJ1A04D2	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	4	0
12BJ1A04D2	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	42	2
12BJ1A04D2	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A04D3	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04D3	R22021	PULSE & DIGITAL CIRCUITS	0	0	0
12BJ1A04D3	R22023	SWITCHING THEORY & LOGIC DESIGN	15	0	0
12BJ1A04D3	R22026	CONTROL SYSTEMS	15	1	0
12BJ1A04D3	R22041	ANALOG COMMUNICATIONS	16	2	0
12BJ1A04D3	R22042	EMWTL	15	0	0
12BJ1A04D3	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
12BJ1A04D3	R22044	ELECTRONICS CIRCUITS & PDC LAB	20	38	2
12BJ1A04D3	R22045	ANALOG COMMUNICATIONS LAB	20	37	2
12BJ1A04D4	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A04D4	R22021	PULSE & DIGITAL CIRCUITS	15	2	0
12BJ1A04D4	R22023	SWITCHING THEORY & LOGIC DESIGN	0	0	0
12BJ1A04D4	R22026	CONTROL SYSTEMS	0	0	0
12BJ1A04D4	R22041	ANALOG COMMUNICATIONS	15	1	0
12BJ1A04D4	R22042	EMWTL	15	11	0
12BJ1A04D4	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
12BJ1A04D4	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	41	2
12BJ1A04D4	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A04D5	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A04D5	R22021	PULSE & DIGITAL CIRCUITS	21	10	0
12BJ1A04D5	R22023	SWITCHING THEORY & LOGIC DESIGN	15	6	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04D5	R22026	CONTROL SYSTEMS	18	17	0
12BJ1A04D5	R22041	ANALOG COMMUNICATIONS	17	30	4
12BJ1A04D5	R22042	EMWTL	15	5	0
12BJ1A04D5	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	41	4
12BJ1A04D5	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A04D5	R22045	ANALOG COMMUNICATIONS LAB	23	44	2
12BJ1A04D6	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04D6	R22021	PULSE & DIGITAL CIRCUITS	15	3	0
12BJ1A04D6	R22023	SWITCHING THEORY & LOGIC DESIGN	15	17	0
12BJ1A04D6	R22026	CONTROL SYSTEMS	15	0	0
12BJ1A04D6	R22041	ANALOG COMMUNICATIONS	15	19	0
12BJ1A04D6	R22042	EMWTL	15	3	0
12BJ1A04D6	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	21	0
12BJ1A04D6	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	45	2
12BJ1A04D6	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A04D7	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A04D7	R22021	PULSE & DIGITAL CIRCUITS	17	6	0
12BJ1A04D7	R22023	SWITCHING THEORY & LOGIC DESIGN	15	4	0
12BJ1A04D7	R22026	CONTROL SYSTEMS	18	12	0
12BJ1A04D7	R22041	ANALOG COMMUNICATIONS	20	15	0
12BJ1A04D7	R22042	EMWTL	15	7	0
12BJ1A04D7	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	13	0
12BJ1A04D7	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	43	2
12BJ1A04D7	R22045	ANALOG COMMUNICATIONS LAB	22	42	2
12BJ1A04D8	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
12BJ1A04D8	R22021	PULSE & DIGITAL CIRCUITS	21	4	0
12BJ1A04D8	R22023	SWITCHING THEORY & LOGIC DESIGN	19	16	0
12BJ1A04D8	R22026	CONTROL SYSTEMS	22	30	4
12BJ1A04D8	R22041	ANALOG COMMUNICATIONS	20	37	4
12BJ1A04D8	R22042	EMWTL	20	41	4
12BJ1A04D8	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	26	4
12BJ1A04D8	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	42	2
12BJ1A04D8	R22045	ANALOG COMMUNICATIONS LAB	23	42	2
12BJ1A04D9	R22019	ENGLISH COMMUNICATION PRACTICE LAB	17	33	1
12BJ1A04D9	R22021	PULSE & DIGITAL CIRCUITS	16	17	0
12BJ1A04D9	R22023	SWITCHING THEORY & LOGIC DESIGN	14	9	0
12BJ1A04D9	R22026	CONTROL SYSTEMS	17	26	4
12BJ1A04D9	R22041	ANALOG COMMUNICATIONS	17	34	4
12BJ1A04D9	R22042	EMWTL	15	0	0
12BJ1A04D9	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	51	4
12BJ1A04D9	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	42	2
12BJ1A04D9	R22045	ANALOG COMMUNICATIONS LAB	22	38	2
12BJ1A04E0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	17	32	1
12BJ1A04E0	R22021	PULSE & DIGITAL CIRCUITS	18	23	0
12BJ1A04E0	R22023	SWITCHING THEORY & LOGIC DESIGN	17	16	0
12BJ1A04E0	R22026	CONTROL SYSTEMS	15	10	0
12BJ1A04E0	R22041	ANALOG COMMUNICATIONS	19	26	4
12BJ1A04E0	R22042	EMWTL	19	17	0
12BJ1A04E0	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	16	0
12BJ1A04E0	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	38	2
12BJ1A04E0	R22045	ANALOG COMMUNICATIONS LAB	22	37	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04E1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A04E1	R22021	PULSE & DIGITAL CIRCUITS	15	5	0
12BJ1A04E1	R22023	SWITCHING THEORY & LOGIC DESIGN	16	2	0
12BJ1A04E1	R22026	CONTROL SYSTEMS	15	3	0
12BJ1A04E1	R22041	ANALOG COMMUNICATIONS	14	8	0
12BJ1A04E1	R22042	EMWTL	15	0	0
12BJ1A04E1	R22043	ELECTRONIC CIRCUIT ANALYSIS	14	11	0
12BJ1A04E1	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	40	2
12BJ1A04E1	R22045	ANALOG COMMUNICATIONS LAB	21	38	2
12BJ1A04E2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	14	-1	0
12BJ1A04E2	R22021	PULSE & DIGITAL CIRCUITS	15	-1	0
12BJ1A04E2	R22023	SWITCHING THEORY & LOGIC DESIGN	15	-1	0
12BJ1A04E2	R22026	CONTROL SYSTEMS	0	-1	0
12BJ1A04E2	R22041	ANALOG COMMUNICATIONS	3	-1	0
12BJ1A04E2	R22042	EMWTL	15	-1	0
12BJ1A04E2	R22043	ELECTRONIC CIRCUIT ANALYSIS	0	-1	0
12BJ1A04E2	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	-1	0
12BJ1A04E2	R22045	ANALOG COMMUNICATIONS LAB	21	-1	0
12BJ1A04E3	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A04E3	R22021	PULSE & DIGITAL CIRCUITS	15	18	0
12BJ1A04E3	R22023	SWITCHING THEORY & LOGIC DESIGN	15	26	4
12BJ1A04E3	R22026	CONTROL SYSTEMS	14	18	0
12BJ1A04E3	R22041	ANALOG COMMUNICATIONS	14	33	4
12BJ1A04E3	R22042	EMWTL	15	3	0
12BJ1A04E3	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	51	4
12BJ1A04E3	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	42	2
12BJ1A04E3	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A04E4	R22019	ENGLISH COMMUNICATION PRACTICE LAB	17	32	1
12BJ1A04E4	R22021	PULSE & DIGITAL CIRCUITS	16	0	0
12BJ1A04E4	R22023	SWITCHING THEORY & LOGIC DESIGN	15	10	0
12BJ1A04E4	R22026	CONTROL SYSTEMS	15	0	0
12BJ1A04E4	R22041	ANALOG COMMUNICATIONS	0	4	0
12BJ1A04E4	R22042	EMWTL	12	0	0
12BJ1A04E4	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	0	0
12BJ1A04E4	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	37	2
12BJ1A04E4	R22045	ANALOG COMMUNICATIONS LAB	20	40	2
12BJ1A04E5	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A04E5	R22021	PULSE & DIGITAL CIRCUITS	19	8	0
12BJ1A04E5	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
12BJ1A04E5	R22026	CONTROL SYSTEMS	17	6	0
12BJ1A04E5	R22041	ANALOG COMMUNICATIONS	16	8	0
12BJ1A04E5	R22042	EMWTL	19	9	0
12BJ1A04E5	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	19	0
12BJ1A04E5	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	44	2
12BJ1A04E5	R22045	ANALOG COMMUNICATIONS LAB	22	43	2
12BJ1A04E6	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A04E6	R22021	PULSE & DIGITAL CIRCUITS	18	0	0
12BJ1A04E6	R22023	SWITCHING THEORY & LOGIC DESIGN	15	55	4
12BJ1A04E6	R22026	CONTROL SYSTEMS	16	17	0
12BJ1A04E6	R22041	ANALOG COMMUNICATIONS	15	16	0
12BJ1A04E6	R22042	EMWTL	17	42	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A04E6	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	15	0
12BJ1A04E6	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	40	2
12BJ1A04E6	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
12BJ1A0501	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	45	1
12BJ1A0501	R22051	SOFTWARE ENGINEERING	17	45	4
12BJ1A0501	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	26	4
12BJ1A0501	R22053	DATA BASE MANAGEMENT SYSTEMS	21	18	0
12BJ1A0501	R22054	COMPUTER ORGANIZATION	19	39	4
12BJ1A0501	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	60	4
12BJ1A0501	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	40	4
12BJ1A0501	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0501	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0502	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	42	1
12BJ1A0502	R22051	SOFTWARE ENGINEERING	21	32	4
12BJ1A0502	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	28	4
12BJ1A0502	R22053	DATA BASE MANAGEMENT SYSTEMS	18	37	4
12BJ1A0502	R22054	COMPUTER ORGANIZATION	18	13	0
12BJ1A0502	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	33	4
12BJ1A0502	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	31	4
12BJ1A0502	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	47	2
12BJ1A0502	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	46	2
12BJ1A0503	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0503	R22051	SOFTWARE ENGINEERING	20	37	4
12BJ1A0503	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	37	4
12BJ1A0503	R22053	DATA BASE MANAGEMENT SYSTEMS	22	26	4
12BJ1A0503	R22054	COMPUTER ORGANIZATION	18	27	4
12BJ1A0503	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	36	4
12BJ1A0503	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	37	4
12BJ1A0503	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	48	2
12BJ1A0503	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0504	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0504	R22051	SOFTWARE ENGINEERING	20	35	4
12BJ1A0504	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	30	4
12BJ1A0504	R22053	DATA BASE MANAGEMENT SYSTEMS	20	40	4
12BJ1A0504	R22054	COMPUTER ORGANIZATION	17	26	4
12BJ1A0504	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	26	4
12BJ1A0504	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	26	4
12BJ1A0504	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0504	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0505	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0505	R22051	SOFTWARE ENGINEERING	19	41	4
12BJ1A0505	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	26	4
12BJ1A0505	R22053	DATA BASE MANAGEMENT SYSTEMS	19	11	0
12BJ1A0505	R22054	COMPUTER ORGANIZATION	17	35	4
12BJ1A0505	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	40	4
12BJ1A0505	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	27	4
12BJ1A0505	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	48	2
12BJ1A0505	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	48	2
12BJ1A0506	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0506	R22051	SOFTWARE ENGINEERING	20	31	4
12BJ1A0506	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	28	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0506	R22053	DATA BASE MANAGEMENT SYSTEMS	22	36	4
12BJ1A0506	R22054	COMPUTER ORGANIZATION	19	12	0
12BJ1A0506	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	40	4
12BJ1A0506	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	18	40	4
12BJ1A0506	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	48	2
12BJ1A0506	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
12BJ1A0507	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	45	1
12BJ1A0507	R22051	SOFTWARE ENGINEERING	22	31	4
12BJ1A0507	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	29	4
12BJ1A0507	R22053	DATA BASE MANAGEMENT SYSTEMS	21	26	4
12BJ1A0507	R22054	COMPUTER ORGANIZATION	19	17	0
12BJ1A0507	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	35	4
12BJ1A0507	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	33	4
12BJ1A0507	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	47	2
12BJ1A0507	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0508	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0508	R22051	SOFTWARE ENGINEERING	18	27	4
12BJ1A0508	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	27	4
12BJ1A0508	R22053	DATA BASE MANAGEMENT SYSTEMS	16	33	4
12BJ1A0508	R22054	COMPUTER ORGANIZATION	14	8	0
12BJ1A0508	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	10	0
12BJ1A0508	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	13	0
12BJ1A0508	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0508	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0509	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	47	1
12BJ1A0509	R22051	SOFTWARE ENGINEERING	22	40	4
12BJ1A0509	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	26	4
12BJ1A0509	R22053	DATA BASE MANAGEMENT SYSTEMS	18	10	0
12BJ1A0509	R22054	COMPUTER ORGANIZATION	14	40	4
12BJ1A0509	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	54	4
12BJ1A0509	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	40	4
12BJ1A0509	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0509	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0510	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0510	R22051	SOFTWARE ENGINEERING	19	10	0
12BJ1A0510	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	14	0
12BJ1A0510	R22053	DATA BASE MANAGEMENT SYSTEMS	21	7	0
12BJ1A0510	R22054	COMPUTER ORGANIZATION	16	12	0
12BJ1A0510	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	31	4
12BJ1A0510	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	31	4
12BJ1A0510	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0510	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	43	2
12BJ1A0511	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0511	R22051	SOFTWARE ENGINEERING	25	31	4
12BJ1A0511	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	21	0
12BJ1A0511	R22053	DATA BASE MANAGEMENT SYSTEMS	23	26	4
12BJ1A0511	R22054	COMPUTER ORGANIZATION	21	26	4
12BJ1A0511	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	26	4
12BJ1A0511	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	18	36	4
12BJ1A0511	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0511	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0512	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	42	1
12BJ1A0512	R22051	SOFTWARE ENGINEERING	21	32	4
12BJ1A0512	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	35	4
12BJ1A0512	R22053	DATA BASE MANAGEMENT SYSTEMS	18	41	4
12BJ1A0512	R22054	COMPUTER ORGANIZATION	16	26	4
12BJ1A0512	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	10	0
12BJ1A0512	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	16	0
12BJ1A0512	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	47	2
12BJ1A0512	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	47	2
12BJ1A0513	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	44	1
12BJ1A0513	R22051	SOFTWARE ENGINEERING	22	33	4
12BJ1A0513	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	29	4
12BJ1A0513	R22053	DATA BASE MANAGEMENT SYSTEMS	22	32	4
12BJ1A0513	R22054	COMPUTER ORGANIZATION	21	37	4
12BJ1A0513	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	52	4
12BJ1A0513	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	40	4
12BJ1A0513	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	48	2
12BJ1A0513	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	48	2
12BJ1A0514	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0514	R22051	SOFTWARE ENGINEERING	24	37	4
12BJ1A0514	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	38	4
12BJ1A0514	R22053	DATA BASE MANAGEMENT SYSTEMS	25	49	4
12BJ1A0514	R22054	COMPUTER ORGANIZATION	22	34	4
12BJ1A0514	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	25	43	4
12BJ1A0514	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	23	41	4
12BJ1A0514	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0514	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0515	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0515	R22051	SOFTWARE ENGINEERING	18	32	4
12BJ1A0515	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	33	4
12BJ1A0515	R22053	DATA BASE MANAGEMENT SYSTEMS	21	20	0
12BJ1A0515	R22054	COMPUTER ORGANIZATION	17	26	4
12BJ1A0515	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	26	4
12BJ1A0515	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	36	4
12BJ1A0515	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0515	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0516	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0516	R22051	SOFTWARE ENGINEERING	17	33	4
12BJ1A0516	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	45	4
12BJ1A0516	R22053	DATA BASE MANAGEMENT SYSTEMS	21	36	4
12BJ1A0516	R22054	COMPUTER ORGANIZATION	23	26	4
12BJ1A0516	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	29	4
12BJ1A0516	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	18	26	4
12BJ1A0516	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
12BJ1A0516	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	48	2
12BJ1A0517	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	40	1
12BJ1A0517	R22051	SOFTWARE ENGINEERING	17	28	4
12BJ1A0517	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	17	0
12BJ1A0517	R22053	DATA BASE MANAGEMENT SYSTEMS	17	13	0
12BJ1A0517	R22054	COMPUTER ORGANIZATION	18	32	4
12BJ1A0517	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	60	4



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0517	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	26	4
12BJ1A0517	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	40	2
12BJ1A0517	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	40	2
12BJ1A0518	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	45	1
12BJ1A0518	R22051	SOFTWARE ENGINEERING	23	34	4
12BJ1A0518	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	26	4
12BJ1A0518	R22053	DATA BASE MANAGEMENT SYSTEMS	24	44	4
12BJ1A0518	R22054	COMPUTER ORGANIZATION	23	35	4
12BJ1A0518	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	43	4
12BJ1A0518	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	36	4
12BJ1A0518	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	50	2
12BJ1A0518	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	50	2
12BJ1A0519	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0519	R22051	SOFTWARE ENGINEERING	18	39	4
12BJ1A0519	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	10	0
12BJ1A0519	R22053	DATA BASE MANAGEMENT SYSTEMS	15	34	4
12BJ1A0519	R22054	COMPUTER ORGANIZATION	13	27	4
12BJ1A0519	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	18	0
12BJ1A0519	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	32	4
12BJ1A0519	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0519	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0520	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	36	1
12BJ1A0520	R22051	SOFTWARE ENGINEERING	18	34	4
12BJ1A0520	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	-1	0
12BJ1A0520	R22053	DATA BASE MANAGEMENT SYSTEMS	16	30	4
12BJ1A0520	R22054	COMPUTER ORGANIZATION	14	0	0
12BJ1A0520	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	13	0
12BJ1A0520	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	15	0
12BJ1A0520	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	44	2
12BJ1A0520	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	42	2
12BJ1A0521	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0521	R22051	SOFTWARE ENGINEERING	22	36	4
12BJ1A0521	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	29	4
12BJ1A0521	R22053	DATA BASE MANAGEMENT SYSTEMS	21	13	0
12BJ1A0521	R22054	COMPUTER ORGANIZATION	19	52	4
12BJ1A0521	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	60	4
12BJ1A0521	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	38	4
12BJ1A0521	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	48	2
12BJ1A0521	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	48	2
12BJ1A0522	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	44	1
12BJ1A0522	R22051	SOFTWARE ENGINEERING	19	44	4
12BJ1A0522	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	10	0
12BJ1A0522	R22053	DATA BASE MANAGEMENT SYSTEMS	17	32	4
12BJ1A0522	R22054	COMPUTER ORGANIZATION	13	27	4
12BJ1A0522	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	44	4
12BJ1A0522	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	34	4
12BJ1A0522	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
12BJ1A0522	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A0523	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0523	R22051	SOFTWARE ENGINEERING	18	41	4
12BJ1A0523	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	31	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0523	R22053	DATA BASE MANAGEMENT SYSTEMS	22	51	4
12BJ1A0523	R22054	COMPUTER ORGANIZATION	14	26	4
12BJ1A0523	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	32	4
12BJ1A0523	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	36	4
12BJ1A0523	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0523	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0524	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0524	R22051	SOFTWARE ENGINEERING	21	36	4
12BJ1A0524	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	40	4
12BJ1A0524	R22053	DATA BASE MANAGEMENT SYSTEMS	19	43	4
12BJ1A0524	R22054	COMPUTER ORGANIZATION	19	43	4
12BJ1A0524	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	36	4
12BJ1A0524	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	32	4
12BJ1A0524	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0524	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0525	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0525	R22051	SOFTWARE ENGINEERING	19	36	4
12BJ1A0525	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	31	4
12BJ1A0525	R22053	DATA BASE MANAGEMENT SYSTEMS	19	8	0
12BJ1A0525	R22054	COMPUTER ORGANIZATION	19	40	4
12BJ1A0525	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	62	4
12BJ1A0525	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	30	4
12BJ1A0525	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
12BJ1A0525	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A0526	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	43	1
12BJ1A0526	R22051	SOFTWARE ENGINEERING	21	39	4
12BJ1A0526	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	48	4
12BJ1A0526	R22053	DATA BASE MANAGEMENT SYSTEMS	24	45	4
12BJ1A0526	R22054	COMPUTER ORGANIZATION	22	35	4
12BJ1A0526	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	50	4
12BJ1A0526	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	34	4
12BJ1A0526	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0526	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0527	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	42	1
12BJ1A0527	R22051	SOFTWARE ENGINEERING	18	40	4
12BJ1A0527	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	29	4
12BJ1A0527	R22053	DATA BASE MANAGEMENT SYSTEMS	23	38	4
12BJ1A0527	R22054	COMPUTER ORGANIZATION	15	18	0
12BJ1A0527	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	32	4
12BJ1A0527	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	33	4
12BJ1A0527	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	47	2
12BJ1A0527	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A0528	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0528	R22051	SOFTWARE ENGINEERING	17	31	4
12BJ1A0528	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	10	0
12BJ1A0528	R22053	DATA BASE MANAGEMENT SYSTEMS	15	11	0
12BJ1A0528	R22054	COMPUTER ORGANIZATION	14	6	0
12BJ1A0528	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	4	0
12BJ1A0528	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	13	0
12BJ1A0528	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0528	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0529	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0529	R22051	SOFTWARE ENGINEERING	16	20	0
12BJ1A0529	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	6	0
12BJ1A0529	R22053	DATA BASE MANAGEMENT SYSTEMS	16	8	0
12BJ1A0529	R22054	COMPUTER ORGANIZATION	12	12	0
12BJ1A0529	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	31	4
12BJ1A0529	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	26	4
12BJ1A0529	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0529	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0530	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	36	1
12BJ1A0530	R22051	SOFTWARE ENGINEERING	15	0	0
12BJ1A0530	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	14	3	0
12BJ1A0530	R22053	DATA BASE MANAGEMENT SYSTEMS	18	3	0
12BJ1A0530	R22054	COMPUTER ORGANIZATION	19	3	0
12BJ1A0530	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	11	0
12BJ1A0530	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	7	0
12BJ1A0530	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	20	0	0
12BJ1A0530	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	20	0	0
12BJ1A0531	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
12BJ1A0531	R22051	SOFTWARE ENGINEERING	17	32	4
12BJ1A0531	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	0	0
12BJ1A0531	R22053	DATA BASE MANAGEMENT SYSTEMS	14	12	0
12BJ1A0531	R22054	COMPUTER ORGANIZATION	16	10	0
12BJ1A0531	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	0	0
12BJ1A0531	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	1	0
12BJ1A0531	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0531	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	47	2
12BJ1A0532	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	39	1
12BJ1A0532	R22051	SOFTWARE ENGINEERING	21	29	4
12BJ1A0532	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	27	4
12BJ1A0532	R22053	DATA BASE MANAGEMENT SYSTEMS	16	13	0
12BJ1A0532	R22054	COMPUTER ORGANIZATION	14	10	0
12BJ1A0532	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	4	0
12BJ1A0532	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	14	0
12BJ1A0532	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0532	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0533	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	50	1
12BJ1A0533	R22051	SOFTWARE ENGINEERING	25	37	4
12BJ1A0533	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	30	4
12BJ1A0533	R22053	DATA BASE MANAGEMENT SYSTEMS	23	7	0
12BJ1A0533	R22054	COMPUTER ORGANIZATION	25	33	4
12BJ1A0533	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	25	56	4
12BJ1A0533	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	40	4
12BJ1A0533	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
12BJ1A0533	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A0534	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0534	R22051	SOFTWARE ENGINEERING	19	33	4
12BJ1A0534	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	18	0
12BJ1A0534	R22053	DATA BASE MANAGEMENT SYSTEMS	20	12	0
12BJ1A0534	R22054	COMPUTER ORGANIZATION	19	13	0
12BJ1A0534	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	31	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0534	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	40	4
12BJ1A0534	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0534	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0535	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0535	R22051	SOFTWARE ENGINEERING	20	35	4
12BJ1A0535	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	1	0
12BJ1A0535	R22053	DATA BASE MANAGEMENT SYSTEMS	16	5	0
12BJ1A0535	R22054	COMPUTER ORGANIZATION	17	13	0
12BJ1A0535	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	2	0
12BJ1A0535	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	26	4
12BJ1A0535	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0535	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0536	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
12BJ1A0536	R22051	SOFTWARE ENGINEERING	15	33	4
12BJ1A0536	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	27	4
12BJ1A0536	R22053	DATA BASE MANAGEMENT SYSTEMS	19	10	0
12BJ1A0536	R22054	COMPUTER ORGANIZATION	17	0	0
12BJ1A0536	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	3	0
12BJ1A0536	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	8	0
12BJ1A0536	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0536	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0537	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0537	R22051	SOFTWARE ENGINEERING	21	34	4
12BJ1A0537	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	26	4
12BJ1A0537	R22053	DATA BASE MANAGEMENT SYSTEMS	19	8	0
12BJ1A0537	R22054	COMPUTER ORGANIZATION	16	26	4
12BJ1A0537	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	41	4
12BJ1A0537	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	17	0
12BJ1A0537	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	48	2
12BJ1A0537	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	47	2
12BJ1A0538	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	36	1
12BJ1A0538	R22051	SOFTWARE ENGINEERING	19	8	0
12BJ1A0538	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	13	0
12BJ1A0538	R22053	DATA BASE MANAGEMENT SYSTEMS	22	9	0
12BJ1A0538	R22054	COMPUTER ORGANIZATION	16	6	0
12BJ1A0538	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	19	0
12BJ1A0538	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	17	0
12BJ1A0538	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0538	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	47	2
12BJ1A0539	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	36	1
12BJ1A0539	R22051	SOFTWARE ENGINEERING	20	44	4
12BJ1A0539	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	25	41	4
12BJ1A0539	R22053	DATA BASE MANAGEMENT SYSTEMS	25	46	4
12BJ1A0539	R22054	COMPUTER ORGANIZATION	25	30	4
12BJ1A0539	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	25	53	4
12BJ1A0539	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	19	40	4
12BJ1A0539	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0539	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0540	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	30	1
12BJ1A0540	R22051	SOFTWARE ENGINEERING	16	26	4
12BJ1A0540	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	2	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0540	R22053	DATA BASE MANAGEMENT SYSTEMS	18	12	0
12BJ1A0540	R22054	COMPUTER ORGANIZATION	15	1	0
12BJ1A0540	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	0	0
12BJ1A0540	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	5	0
12BJ1A0540	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0540	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0541	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	34	1
12BJ1A0541	R22051	SOFTWARE ENGINEERING	18	28	4
12BJ1A0541	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	14	0
12BJ1A0541	R22053	DATA BASE MANAGEMENT SYSTEMS	15	7	0
12BJ1A0541	R22054	COMPUTER ORGANIZATION	17	32	4
12BJ1A0541	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	44	4
12BJ1A0541	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	32	4
12BJ1A0541	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	48	2
12BJ1A0541	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0542	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	40	1
12BJ1A0542	R22051	SOFTWARE ENGINEERING	19	36	4
12BJ1A0542	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	7	0
12BJ1A0542	R22053	DATA BASE MANAGEMENT SYSTEMS	14	32	4
12BJ1A0542	R22054	COMPUTER ORGANIZATION	19	8	0
12BJ1A0542	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	38	4
12BJ1A0542	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	32	4
12BJ1A0542	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0542	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0543	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	40	1
12BJ1A0543	R22051	SOFTWARE ENGINEERING	17	29	4
12BJ1A0543	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	2	0
12BJ1A0543	R22053	DATA BASE MANAGEMENT SYSTEMS	14	15	0
12BJ1A0543	R22054	COMPUTER ORGANIZATION	15	16	0
12BJ1A0543	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	1	0
12BJ1A0543	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	27	4
12BJ1A0543	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0543	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0544	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	46	1
12BJ1A0544	R22051	SOFTWARE ENGINEERING	24	31	4
12BJ1A0544	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	25	34	4
12BJ1A0544	R22053	DATA BASE MANAGEMENT SYSTEMS	25	29	4
12BJ1A0544	R22054	COMPUTER ORGANIZATION	24	36	4
12BJ1A0544	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	30	4
12BJ1A0544	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	22	26	4
12BJ1A0544	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
12BJ1A0544	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A0545	R22019	ENGLISH COMMUNICATION PRACTICE LAB	16	41	1
12BJ1A0545	R22051	SOFTWARE ENGINEERING	17	28	4
12BJ1A0545	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	3	0
12BJ1A0545	R22053	DATA BASE MANAGEMENT SYSTEMS	14	6	0
12BJ1A0545	R22054	COMPUTER ORGANIZATION	17	3	0
12BJ1A0545	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	0	0
12BJ1A0545	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	1	0
12BJ1A0545	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	44	2
12BJ1A0545	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0546	R22019	ENGLISH COMMUNICATION PRACTICE LAB	17	33	1
12BJ1A0546	R22051	SOFTWARE ENGINEERING	15	16	0
12BJ1A0546	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	2	0
12BJ1A0546	R22053	DATA BASE MANAGEMENT SYSTEMS	18	9	0
12BJ1A0546	R22054	COMPUTER ORGANIZATION	15	3	0
12BJ1A0546	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	9	0
12BJ1A0546	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	7	0
12BJ1A0546	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	44	2
12BJ1A0546	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0547	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	37	1
12BJ1A0547	R22051	SOFTWARE ENGINEERING	18	37	4
12BJ1A0547	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	13	2	0
12BJ1A0547	R22053	DATA BASE MANAGEMENT SYSTEMS	21	7	0
12BJ1A0547	R22054	COMPUTER ORGANIZATION	14	6	0
12BJ1A0547	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	4	0
12BJ1A0547	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	18	0
12BJ1A0547	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0547	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0548	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0548	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	0	-1	0
12BJ1A0548	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	0	-1	0
12BJ1A0549	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	37	1
12BJ1A0549	R22051	SOFTWARE ENGINEERING	19	27	4
12BJ1A0549	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	31	4
12BJ1A0549	R22053	DATA BASE MANAGEMENT SYSTEMS	22	26	4
12BJ1A0549	R22054	COMPUTER ORGANIZATION	18	4	0
12BJ1A0549	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	0	0
12BJ1A0549	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	5	0
12BJ1A0549	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0549	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	48	2
12BJ1A0550	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	39	1
12BJ1A0550	R22051	SOFTWARE ENGINEERING	22	26	4
12BJ1A0550	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	4	0
12BJ1A0550	R22053	DATA BASE MANAGEMENT SYSTEMS	23	13	0
12BJ1A0550	R22054	COMPUTER ORGANIZATION	16	13	0
12BJ1A0550	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	42	4
12BJ1A0550	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	26	4
12BJ1A0550	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	48	2
12BJ1A0550	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	46	2
12BJ1A0551	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	40	1
12BJ1A0551	R22051	SOFTWARE ENGINEERING	17	13	0
12BJ1A0551	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	12	0
12BJ1A0551	R22053	DATA BASE MANAGEMENT SYSTEMS	20	26	4
12BJ1A0551	R22054	COMPUTER ORGANIZATION	17	8	0
12BJ1A0551	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	34	4
12BJ1A0551	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	35	4
12BJ1A0551	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	47	2
12BJ1A0551	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0552	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	36	1
12BJ1A0552	R22051	SOFTWARE ENGINEERING	15	28	4
12BJ1A0552	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	14	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0552	R22053	DATA BASE MANAGEMENT SYSTEMS	21	1	0
12BJ1A0552	R22054	COMPUTER ORGANIZATION	15	4	0
12BJ1A0552	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	2	0
12BJ1A0552	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	1	0
12BJ1A0552	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0552	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0553	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	38	1
12BJ1A0553	R22051	SOFTWARE ENGINEERING	15	32	4
12BJ1A0553	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	10	0
12BJ1A0553	R22053	DATA BASE MANAGEMENT SYSTEMS	22	1	0
12BJ1A0553	R22054	COMPUTER ORGANIZATION	16	0	0
12BJ1A0553	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	0	0
12BJ1A0553	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	2	0
12BJ1A0553	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0553	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0554	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	40	1
12BJ1A0554	R22051	SOFTWARE ENGINEERING	18	28	4
12BJ1A0554	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	4	0
12BJ1A0554	R22053	DATA BASE MANAGEMENT SYSTEMS	19	1	0
12BJ1A0554	R22054	COMPUTER ORGANIZATION	16	7	0
12BJ1A0554	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	2	0
12BJ1A0554	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	12	0
12BJ1A0554	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0554	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0555	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	38	1
12BJ1A0555	R22051	SOFTWARE ENGINEERING	18	14	0
12BJ1A0555	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	3	0
12BJ1A0555	R22053	DATA BASE MANAGEMENT SYSTEMS	21	14	0
12BJ1A0555	R22054	COMPUTER ORGANIZATION	16	10	0
12BJ1A0555	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	13	3	0
12BJ1A0555	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	21	0
12BJ1A0555	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0555	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0556	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	43	1
12BJ1A0556	R22051	SOFTWARE ENGINEERING	19	30	4
12BJ1A0556	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	8	0
12BJ1A0556	R22053	DATA BASE MANAGEMENT SYSTEMS	12	1	0
12BJ1A0556	R22054	COMPUTER ORGANIZATION	16	32	4
12BJ1A0556	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	7	0
12BJ1A0556	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	34	4
12BJ1A0556	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	47	2
12BJ1A0556	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0557	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	42	1
12BJ1A0557	R22051	SOFTWARE ENGINEERING	23	26	4
12BJ1A0557	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	37	4
12BJ1A0557	R22053	DATA BASE MANAGEMENT SYSTEMS	23	30	4
12BJ1A0557	R22054	COMPUTER ORGANIZATION	23	11	0
12BJ1A0557	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	29	4
12BJ1A0557	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	26	4
12BJ1A0557	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
12BJ1A0557	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0558	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	38	1
12BJ1A0558	R22051	SOFTWARE ENGINEERING	17	4	0
12BJ1A0558	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	4	0
12BJ1A0558	R22053	DATA BASE MANAGEMENT SYSTEMS	16	1	0
12BJ1A0558	R22054	COMPUTER ORGANIZATION	15	0	0
12BJ1A0558	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	18	0
12BJ1A0558	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	19	0
12BJ1A0558	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0558	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0559	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0559	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	0	-1	0
12BJ1A0559	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	0	-1	0
12BJ1A0560	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	40	1
12BJ1A0560	R22051	SOFTWARE ENGINEERING	16	17	0
12BJ1A0560	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	10	0
12BJ1A0560	R22053	DATA BASE MANAGEMENT SYSTEMS	16	19	0
12BJ1A0560	R22054	COMPUTER ORGANIZATION	18	6	0
12BJ1A0560	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	15	5	0
12BJ1A0560	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	4	0
12BJ1A0560	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0560	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0561	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	40	1
12BJ1A0561	R22051	SOFTWARE ENGINEERING	18	28	4
12BJ1A0561	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	27	4
12BJ1A0561	R22053	DATA BASE MANAGEMENT SYSTEMS	16	26	4
12BJ1A0561	R22054	COMPUTER ORGANIZATION	17	26	4
12BJ1A0561	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	20	0
12BJ1A0561	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	35	4
12BJ1A0561	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0561	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0562	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	47	1
12BJ1A0562	R22051	SOFTWARE ENGINEERING	23	28	4
12BJ1A0562	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	29	4
12BJ1A0562	R22053	DATA BASE MANAGEMENT SYSTEMS	22	37	4
12BJ1A0562	R22054	COMPUTER ORGANIZATION	22	5	0
12BJ1A0562	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	29	4
12BJ1A0562	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	26	4
12BJ1A0562	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	48	2
12BJ1A0562	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	48	2
12BJ1A0563	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	42	1
12BJ1A0563	R22051	SOFTWARE ENGINEERING	17	37	4
12BJ1A0563	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	31	4
12BJ1A0563	R22053	DATA BASE MANAGEMENT SYSTEMS	16	29	4
12BJ1A0563	R22054	COMPUTER ORGANIZATION	19	9	0
12BJ1A0563	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	36	4
12BJ1A0563	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	36	4
12BJ1A0563	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0563	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A0564	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	49	1
12BJ1A0564	R22051	SOFTWARE ENGINEERING	23	45	4
12BJ1A0564	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	30	4



Htno	Subcode	Subname	Internal	External	credits
12BJ1A0564	R22053	DATA BASE MANAGEMENT SYSTEMS	22	51	4
12BJ1A0564	R22054	COMPUTER ORGANIZATION	24	32	4
12BJ1A0564	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	64	4
12BJ1A0564	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	22	51	4
12BJ1A0564	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0564	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0565	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	39	1
12BJ1A0565	R22051	SOFTWARE ENGINEERING	19	33	4
12BJ1A0565	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	13	0
12BJ1A0565	R22053	DATA BASE MANAGEMENT SYSTEMS	13	17	0
12BJ1A0565	R22054	COMPUTER ORGANIZATION	17	30	4
12BJ1A0565	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	31	4
12BJ1A0565	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	34	4
12BJ1A0565	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0565	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0566	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	43	1
12BJ1A0566	R22051	SOFTWARE ENGINEERING	18	37	4
12BJ1A0566	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	41	4
12BJ1A0566	R22053	DATA BASE MANAGEMENT SYSTEMS	17	30	4
12BJ1A0566	R22054	COMPUTER ORGANIZATION	15	4	0
12BJ1A0566	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	29	4
12BJ1A0566	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	29	4
12BJ1A0566	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	47	2
12BJ1A0566	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
12BJ1A0567	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	44	1
12BJ1A0567	R22051	SOFTWARE ENGINEERING	24	40	4
12BJ1A0567	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	22	40	4
12BJ1A0567	R22053	DATA BASE MANAGEMENT SYSTEMS	24	30	4
12BJ1A0567	R22054	COMPUTER ORGANIZATION	22	47	4
12BJ1A0567	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	71	4
12BJ1A0567	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	22	36	4
12BJ1A0567	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	49	2
12BJ1A0567	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	49	2
12BJ1A0568	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	45	1
12BJ1A0568	R22051	SOFTWARE ENGINEERING	19	32	4
12BJ1A0568	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	42	4
12BJ1A0568	R22053	DATA BASE MANAGEMENT SYSTEMS	20	32	4
12BJ1A0568	R22054	COMPUTER ORGANIZATION	19	26	4
12BJ1A0568	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	38	4
12BJ1A0568	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	41	4
12BJ1A0568	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	47	2
12BJ1A0568	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
12BJ1A0569	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A0569	R22051	SOFTWARE ENGINEERING	24	39	4
12BJ1A0569	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	50	4
12BJ1A0569	R22053	DATA BASE MANAGEMENT SYSTEMS	23	35	4
12BJ1A0569	R22054	COMPUTER ORGANIZATION	22	34	4
12BJ1A0569	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	60	4
12BJ1A0569	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	41	4
12BJ1A0569	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0569	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0570	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0570	R22051	SOFTWARE ENGINEERING	20	31	4
12BJ1A0570	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	30	4
12BJ1A0570	R22053	DATA BASE MANAGEMENT SYSTEMS	17	40	4
12BJ1A0570	R22054	COMPUTER ORGANIZATION	16	0	0
12BJ1A0570	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	6	0
12BJ1A0570	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	18	26	4
12BJ1A0570	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0570	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0571	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
12BJ1A0571	R22051	SOFTWARE ENGINEERING	24	35	4
12BJ1A0571	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	34	4
12BJ1A0571	R22053	DATA BASE MANAGEMENT SYSTEMS	25	36	4
12BJ1A0571	R22054	COMPUTER ORGANIZATION	23	32	4
12BJ1A0571	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	53	4
12BJ1A0571	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	19	28	4
12BJ1A0571	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0571	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0572	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	40	1
12BJ1A0572	R22051	SOFTWARE ENGINEERING	21	33	4
12BJ1A0572	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	28	4
12BJ1A0572	R22053	DATA BASE MANAGEMENT SYSTEMS	16	26	4
12BJ1A0572	R22054	COMPUTER ORGANIZATION	17	14	0
12BJ1A0572	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	26	4
12BJ1A0572	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	34	4
12BJ1A0572	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	47	2
12BJ1A0572	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	47	2
12BJ1A0573	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0573	R22051	SOFTWARE ENGINEERING	21	17	0
12BJ1A0573	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	33	4
12BJ1A0573	R22053	DATA BASE MANAGEMENT SYSTEMS	22	13	0
12BJ1A0573	R22054	COMPUTER ORGANIZATION	16	16	0
12BJ1A0573	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	30	4
12BJ1A0573	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	38	4
12BJ1A0573	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	48	2
12BJ1A0573	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	48	2
12BJ1A0574	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0574	R22051	SOFTWARE ENGINEERING	21	42	4
12BJ1A0574	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	47	4
12BJ1A0574	R22053	DATA BASE MANAGEMENT SYSTEMS	19	43	4
12BJ1A0574	R22054	COMPUTER ORGANIZATION	20	4	0
12BJ1A0574	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	35	4
12BJ1A0574	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	18	32	4
12BJ1A0574	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	49	2
12BJ1A0574	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A0575	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	46	1
12BJ1A0575	R22051	SOFTWARE ENGINEERING	23	29	4
12BJ1A0575	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	27	4
12BJ1A0575	R22053	DATA BASE MANAGEMENT SYSTEMS	24	13	0
12BJ1A0575	R22054	COMPUTER ORGANIZATION	14	26	4
12BJ1A0575	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	43	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0575	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	30	4
12BJ1A0575	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	46	2
12BJ1A0575	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	46	2
12BJ1A0576	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0576	R22051	SOFTWARE ENGINEERING	22	29	4
12BJ1A0576	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	22	38	4
12BJ1A0576	R22053	DATA BASE MANAGEMENT SYSTEMS	22	36	4
12BJ1A0576	R22054	COMPUTER ORGANIZATION	20	26	4
12BJ1A0576	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	33	4
12BJ1A0576	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	36	4
12BJ1A0576	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0576	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0577	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	33	1
12BJ1A0577	R22051	SOFTWARE ENGINEERING	23	34	4
12BJ1A0577	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	30	4
12BJ1A0577	R22053	DATA BASE MANAGEMENT SYSTEMS	24	27	4
12BJ1A0577	R22054	COMPUTER ORGANIZATION	15	29	4
12BJ1A0577	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	27	4
12BJ1A0577	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	37	4
12BJ1A0577	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	48	2
12BJ1A0577	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
12BJ1A0578	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	46	1
12BJ1A0578	R22051	SOFTWARE ENGINEERING	23	38	4
12BJ1A0578	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	45	4
12BJ1A0578	R22053	DATA BASE MANAGEMENT SYSTEMS	20	35	4
12BJ1A0578	R22054	COMPUTER ORGANIZATION	20	10	0
12BJ1A0578	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	34	4
12BJ1A0578	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	40	4
12BJ1A0578	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	49	2
12BJ1A0578	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	49	2
12BJ1A0579	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	45	1
12BJ1A0579	R22051	SOFTWARE ENGINEERING	15	29	4
12BJ1A0579	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	18	0
12BJ1A0579	R22053	DATA BASE MANAGEMENT SYSTEMS	17	10	0
12BJ1A0579	R22054	COMPUTER ORGANIZATION	15	10	0
12BJ1A0579	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	38	4
12BJ1A0579	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	30	4
12BJ1A0579	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	45	2
12BJ1A0579	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	45	2
12BJ1A0580	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0580	R22051	SOFTWARE ENGINEERING	19	30	4
12BJ1A0580	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	26	4
12BJ1A0580	R22053	DATA BASE MANAGEMENT SYSTEMS	18	13	0
12BJ1A0580	R22054	COMPUTER ORGANIZATION	18	7	0
12BJ1A0580	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	30	4
12BJ1A0580	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	40	4
12BJ1A0580	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0580	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0581	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0581	R22051	SOFTWARE ENGINEERING	22	39	4
12BJ1A0581	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	38	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0581	R22053	DATA BASE MANAGEMENT SYSTEMS	21	32	4
12BJ1A0581	R22054	COMPUTER ORGANIZATION	20	34	4
12BJ1A0581	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	45	4
12BJ1A0581	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	18	36	4
12BJ1A0581	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0581	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0582	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	43	1
12BJ1A0582	R22051	SOFTWARE ENGINEERING	18	27	4
12BJ1A0582	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	33	4
12BJ1A0582	R22053	DATA BASE MANAGEMENT SYSTEMS	21	37	4
12BJ1A0582	R22054	COMPUTER ORGANIZATION	16	4	0
12BJ1A0582	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	14	0
12BJ1A0582	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	26	4
12BJ1A0582	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0582	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	45	2
12BJ1A0583	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A0583	R22051	SOFTWARE ENGINEERING	14	26	4
12BJ1A0583	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	14	0
12BJ1A0583	R22053	DATA BASE MANAGEMENT SYSTEMS	18	27	4
12BJ1A0583	R22054	COMPUTER ORGANIZATION	17	26	4
12BJ1A0583	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	12	18	0
12BJ1A0583	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	26	4
12BJ1A0583	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0583	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0584	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	42	1
12BJ1A0584	R22051	SOFTWARE ENGINEERING	18	26	4
12BJ1A0584	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	20	0
12BJ1A0584	R22053	DATA BASE MANAGEMENT SYSTEMS	19	13	0
12BJ1A0584	R22054	COMPUTER ORGANIZATION	18	11	0
12BJ1A0584	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	31	4
12BJ1A0584	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	31	4
12BJ1A0584	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0584	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
12BJ1A0585	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0585	R22051	SOFTWARE ENGINEERING	20	33	4
12BJ1A0585	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	31	4
12BJ1A0585	R22053	DATA BASE MANAGEMENT SYSTEMS	21	14	0
12BJ1A0585	R22054	COMPUTER ORGANIZATION	15	26	4
12BJ1A0585	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	30	4
12BJ1A0585	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	34	4
12BJ1A0585	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
12BJ1A0585	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	46	2
12BJ1A0586	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0586	R22051	SOFTWARE ENGINEERING	22	26	4
12BJ1A0586	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	36	4
12BJ1A0586	R22053	DATA BASE MANAGEMENT SYSTEMS	16	29	4
12BJ1A0586	R22054	COMPUTER ORGANIZATION	21	34	4
12BJ1A0586	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	28	4
12BJ1A0586	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	20	17	0
12BJ1A0586	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	49	2
12BJ1A0586	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0587	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A0587	R22051	SOFTWARE ENGINEERING	22	26	4
12BJ1A0587	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	21	26	4
12BJ1A0587	R22053	DATA BASE MANAGEMENT SYSTEMS	24	10	0
12BJ1A0587	R22054	COMPUTER ORGANIZATION	23	34	4
12BJ1A0587	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	36	4
12BJ1A0587	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	31	4
12BJ1A0587	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	49	2
12BJ1A0587	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	49	2
12BJ1A0588	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	-1	0
12BJ1A0588	R22051	SOFTWARE ENGINEERING	15	43	4
12BJ1A0588	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	11	0
12BJ1A0588	R22053	DATA BASE MANAGEMENT SYSTEMS	14	-1	0
12BJ1A0588	R22054	COMPUTER ORGANIZATION	19	6	0
12BJ1A0588	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	-1	0
12BJ1A0588	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	-1	0
12BJ1A0588	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	46	2
12BJ1A0588	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	40	2
12BJ1A0589	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	42	1
12BJ1A0589	R22051	SOFTWARE ENGINEERING	17	31	4
12BJ1A0589	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	29	4
12BJ1A0589	R22053	DATA BASE MANAGEMENT SYSTEMS	24	12	0
12BJ1A0589	R22054	COMPUTER ORGANIZATION	17	31	4
12BJ1A0589	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	19	0
12BJ1A0589	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	32	4
12BJ1A0589	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	46	2
12BJ1A0589	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
12BJ1A0590	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A0590	R22051	SOFTWARE ENGINEERING	24	34	4
12BJ1A0590	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	38	4
12BJ1A0590	R22053	DATA BASE MANAGEMENT SYSTEMS	25	36	4
12BJ1A0590	R22054	COMPUTER ORGANIZATION	23	34	4
12BJ1A0590	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	23	29	4
12BJ1A0590	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	21	26	4
12BJ1A0590	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	50	2
12BJ1A0590	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	50	2
12BJ1A0591	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	44	1
12BJ1A0591	R22051	SOFTWARE ENGINEERING	16	30	4
12BJ1A0591	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	8	0
12BJ1A0591	R22053	DATA BASE MANAGEMENT SYSTEMS	20	8	0
12BJ1A0591	R22054	COMPUTER ORGANIZATION	16	-1	0
12BJ1A0591	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	18	0
12BJ1A0591	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	26	4
12BJ1A0591	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0591	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	46	2
12BJ1A0592	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	41	1
12BJ1A0592	R22051	SOFTWARE ENGINEERING	19	27	4
12BJ1A0592	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	27	4
12BJ1A0592	R22053	DATA BASE MANAGEMENT SYSTEMS	21	13	0
12BJ1A0592	R22054	COMPUTER ORGANIZATION	19	11	0
12BJ1A0592	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	26	4

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0592	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	39	4
12BJ1A0592	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	47	2
12BJ1A0592	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	46	2
12BJ1A0593	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0593	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	0	-1	0
12BJ1A0593	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	0	-1	0
12BJ1A0594	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	34	1
12BJ1A0594	R22051	SOFTWARE ENGINEERING	14	28	4
12BJ1A0594	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	14	0	0
12BJ1A0594	R22053	DATA BASE MANAGEMENT SYSTEMS	19	5	0
12BJ1A0594	R22054	COMPUTER ORGANIZATION	15	4	0
12BJ1A0594	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	4	0
12BJ1A0594	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	7	0
12BJ1A0594	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	46	2
12BJ1A0594	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	47	2
12BJ1A0595	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A0595	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	0	-1	0
12BJ1A0595	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	0	-1	0
12BJ1A0596	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	40	1
12BJ1A0596	R22051	SOFTWARE ENGINEERING	17	29	4
12BJ1A0596	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	27	4
12BJ1A0596	R22053	DATA BASE MANAGEMENT SYSTEMS	16	34	4
12BJ1A0596	R22054	COMPUTER ORGANIZATION	19	0	0
12BJ1A0596	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	12	0
12BJ1A0596	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	15	0
12BJ1A0596	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	45	2
12BJ1A0596	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	45	2
12BJ1A0597	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
12BJ1A0597	R22051	SOFTWARE ENGINEERING	18	28	4
12BJ1A0597	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	4	0
12BJ1A0597	R22053	DATA BASE MANAGEMENT SYSTEMS	24	8	0
12BJ1A0597	R22054	COMPUTER ORGANIZATION	18	6	0
12BJ1A0597	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	1	0
12BJ1A0597	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	26	4
12BJ1A0597	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0597	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	40	2
12BJ1A0598	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	40	1
12BJ1A0598	R22051	SOFTWARE ENGINEERING	17	10	0
12BJ1A0598	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	3	0
12BJ1A0598	R22053	DATA BASE MANAGEMENT SYSTEMS	22	12	0
12BJ1A0598	R22054	COMPUTER ORGANIZATION	17	2	0
12BJ1A0598	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	2	0
12BJ1A0598	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	20	0
12BJ1A0598	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	45	2
12BJ1A0598	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	22	46	2
12BJ1A0599	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A0599	R22051	SOFTWARE ENGINEERING	16	14	0
12BJ1A0599	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	6	0
12BJ1A0599	R22053	DATA BASE MANAGEMENT SYSTEMS	20	-1	0
12BJ1A0599	R22054	COMPUTER ORGANIZATION	16	17	0
12BJ1A0599	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	19	11	0

Htno	Subcode	Subname	Internal	External	credits
12BJ1A0599	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	33	4
12BJ1A0599	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A0599	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A05A0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	40	1
12BJ1A05A0	R22051	SOFTWARE ENGINEERING	15	32	4
12BJ1A05A0	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	45	4
12BJ1A05A0	R22053	DATA BASE MANAGEMENT SYSTEMS	23	4	0
12BJ1A05A0	R22054	COMPUTER ORGANIZATION	18	0	0
12BJ1A05A0	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	1	0
12BJ1A05A0	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	23	15	0
12BJ1A05A0	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	25	49	2
12BJ1A05A0	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	48	2
12BJ1A05A1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	40	1
12BJ1A05A1	R22051	SOFTWARE ENGINEERING	19	26	4
12BJ1A05A1	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	22	17	0
12BJ1A05A1	R22053	DATA BASE MANAGEMENT SYSTEMS	24	12	0
12BJ1A05A1	R22054	COMPUTER ORGANIZATION	15	26	4
12BJ1A05A1	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	22	30	4
12BJ1A05A1	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	19	26	4
12BJ1A05A1	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	47	2
12BJ1A05A1	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	49	2
12BJ1A05A2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
12BJ1A05A2	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	0	-1	0
12BJ1A05A2	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	0	-1	0
12BJ1A05A3	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
12BJ1A05A3	R22051	SOFTWARE ENGINEERING	18	27	4
12BJ1A05A3	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	13	27	4
12BJ1A05A3	R22053	DATA BASE MANAGEMENT SYSTEMS	22	30	4
12BJ1A05A3	R22054	COMPUTER ORGANIZATION	14	7	0
12BJ1A05A3	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	16	31	4
12BJ1A05A3	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	31	4
12BJ1A05A3	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A05A3	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	20	40	2
12BJ1A05A4	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	44	1
12BJ1A05A4	R22051	SOFTWARE ENGINEERING	14	30	4
12BJ1A05A4	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	14	4	0
12BJ1A05A4	R22053	DATA BASE MANAGEMENT SYSTEMS	22	5	0
12BJ1A05A4	R22054	COMPUTER ORGANIZATION	16	7	0
12BJ1A05A4	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	10	0
12BJ1A05A4	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	30	4
12BJ1A05A4	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A05A4	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A05A5	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
12BJ1A05A5	R22051	SOFTWARE ENGINEERING	20	19	0
12BJ1A05A5	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	1	0
12BJ1A05A5	R22053	DATA BASE MANAGEMENT SYSTEMS	22	5	0
12BJ1A05A5	R22054	COMPUTER ORGANIZATION	14	0	0
12BJ1A05A5	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	1	0
12BJ1A05A5	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	13	0
12BJ1A05A5	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A05A5	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2

Htno	Subcode	Subname	Internal	External	credits
12BJ1A05A6	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
12BJ1A05A6	R22051	SOFTWARE ENGINEERING	14	28	4
12BJ1A05A6	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	7	0
12BJ1A05A6	R22053	DATA BASE MANAGEMENT SYSTEMS	20	6	0
12BJ1A05A6	R22054	COMPUTER ORGANIZATION	15	6	0
12BJ1A05A6	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	14	0	0
12BJ1A05A6	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	15	4	0
12BJ1A05A6	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	18	40	2
12BJ1A05A6	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	18	10	0
12BJ1A05A7	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	43	1
12BJ1A05A7	R22051	SOFTWARE ENGINEERING	21	38	4
12BJ1A05A7	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	23	26	4
12BJ1A05A7	R22053	DATA BASE MANAGEMENT SYSTEMS	20	36	4
12BJ1A05A7	R22054	COMPUTER ORGANIZATION	14	26	4
12BJ1A05A7	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	51	4
12BJ1A05A7	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	44	4
12BJ1A05A7	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	48	2
12BJ1A05A7	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	24	48	2
12BJ1A05A8	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
12BJ1A05A8	R22051	SOFTWARE ENGINEERING	18	26	4
12BJ1A05A8	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	16	1	0
12BJ1A05A8	R22053	DATA BASE MANAGEMENT SYSTEMS	18	4	0
12BJ1A05A8	R22054	COMPUTER ORGANIZATION	15	26	4
12BJ1A05A8	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	11	0
12BJ1A05A8	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	27	4
12BJ1A05A8	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	43	2
12BJ1A05A8	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	20	43	2
12BJ1A05A9	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	38	1
12BJ1A05A9	R22051	SOFTWARE ENGINEERING	19	27	4
12BJ1A05A9	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	9	0
12BJ1A05A9	R22053	DATA BASE MANAGEMENT SYSTEMS	22	5	0
12BJ1A05A9	R22054	COMPUTER ORGANIZATION	17	0	0
12BJ1A05A9	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	3	0
12BJ1A05A9	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	8	0
12BJ1A05A9	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A05A9	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A05B0	R22019	ENGLISH COMMUNICATION PRACTICE LAB	15	36	1
12BJ1A05B0	R22051	SOFTWARE ENGINEERING	24	5	0
12BJ1A05B0	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	10	0
12BJ1A05B0	R22053	DATA BASE MANAGEMENT SYSTEMS	14	-1	0
12BJ1A05B0	R22054	COMPUTER ORGANIZATION	15	-1	0
12BJ1A05B0	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	17	-1	0
12BJ1A05B0	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	8	0
12BJ1A05B0	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	15	40	2
12BJ1A05B0	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	15	40	2
12BJ1A05B1	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	40	1
12BJ1A05B1	R22051	SOFTWARE ENGINEERING	15	13	0
12BJ1A05B1	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	17	0
12BJ1A05B1	R22053	DATA BASE MANAGEMENT SYSTEMS	20	17	0
12BJ1A05B1	R22054	COMPUTER ORGANIZATION	15	11	0
12BJ1A05B1	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	1	0



Htno	Subcode	Subname	Internal	External	credits
12BJ1A05B1	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	16	0
12BJ1A05B1	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A05B1	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ1A05B2	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
12BJ1A05B2	R22051	SOFTWARE ENGINEERING	19	32	4
12BJ1A05B2	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	14	12	0
12BJ1A05B2	R22053	DATA BASE MANAGEMENT SYSTEMS	20	15	0
12BJ1A05B2	R22054	COMPUTER ORGANIZATION	15	26	4
12BJ1A05B2	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	21	8	0
12BJ1A05B2	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	28	4
12BJ1A05B2	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	21	45	2
12BJ1A05B2	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2
12BJ5A0205	R22026	CONTROL SYSTEMS	16	0	0
12BJ5A0206	R22026	CONTROL SYSTEMS	15	2	0
12BJ5A0206	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	18	4	0
12BJ5A0208	R22026	CONTROL SYSTEMS	15	0	0
12BJ5A0210	R22021	PULSE & DIGITAL CIRCUITS	21	17	0
12BJ5A0212	R22023	SWITCHING THEORY & LOGIC DESIGN	16	0	0
12BJ5A0212	R22026	CONTROL SYSTEMS	13	0	0
12BJ5A0215	R22023	SWITCHING THEORY & LOGIC DESIGN	17	5	0
12BJ5A0215	R22026	CONTROL SYSTEMS	15	15	0
12BJ5A0216	R22021	PULSE & DIGITAL CIRCUITS	18	13	0
12BJ5A0217	R22026	CONTROL SYSTEMS	16	5	0
12BJ5A0218	R22021	PULSE & DIGITAL CIRCUITS	7	11	0
12BJ5A0218	R22022	POWER SYSTEMS-I	16	1	0
12BJ5A0218	R22023	SWITCHING THEORY & LOGIC DESIGN	17	0	0
12BJ5A0218	R22024	ELECTRICAL MACHINES-II	15	18	0
12BJ5A0218	R22026	CONTROL SYSTEMS	14	2	0
12BJ5A0218	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	0	0
12BJ5A0220	R22023	SWITCHING THEORY & LOGIC DESIGN	18	0	0
12BJ5A0220	R22026	CONTROL SYSTEMS	14	2	0
12BJ5A0224	R22023	SWITCHING THEORY & LOGIC DESIGN	19	0	0
12BJ5A0227	R22026	CONTROL SYSTEMS	15	15	0
12BJ5A0227	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	17	0	0
12BJ5A0303	R22032	KINEMATICS OF MACHINERY	2	8	0
12BJ5A0303	R22033	THERMAL ENGINEERING -I	-1	-1	0
12BJ5A0303	R22034	PRODUCTION TECHNOLOGY	-1	4	0
12BJ5A0303	R22035	METALL. & MATER. SCI.	-1	-1	0
12BJ5A0404	R22026	CONTROL SYSTEMS	3	15	0
12BJ5A0503	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	30	4
12BJ5A0503	R22054	COMPUTER ORGANIZATION	18	26	4
13BJ5A0201	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	48	1
13BJ5A0201	R22021	PULSE & DIGITAL CIRCUITS	18	53	4
13BJ5A0201	R22022	POWER SYSTEMS-I	21	67	4
13BJ5A0201	R22023	SWITCHING THEORY & LOGIC DESIGN	23	44	4
13BJ5A0201	R22024	ELECTRICAL MACHINES-II	22	40	4
13BJ5A0201	R22026	CONTROL SYSTEMS	21	39	4
13BJ5A0201	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	20	40	4
13BJ5A0201	R2202A	EM-I LAB	25	50	2
13BJ5A0201	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	25	50	2
13BJ5A0202	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0202	R22021	PULSE & DIGITAL CIRCUITS	16	15	0
13BJ5A0202	R22022	POWER SYSTEMS-I	16	11	0
13BJ5A0202	R22023	SWITCHING THEORY & LOGIC DESIGN	17	2	0
13BJ5A0202	R22024	ELECTRICAL MACHINES-II	16	19	0
13BJ5A0202	R22026	CONTROL SYSTEMS	15	0	0
13BJ5A0202	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	15	2	0
13BJ5A0202	R2202A	EM-I LAB	18	42	2
13BJ5A0202	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	43	2
13BJ5A0203	R22019	ENGLISH COMMUNICATION PRACTICE LAB	5	44	1
13BJ5A0203	R22021	PULSE & DIGITAL CIRCUITS	17	0	0
13BJ5A0203	R22022	POWER SYSTEMS-I	18	-1	0
13BJ5A0203	R22023	SWITCHING THEORY & LOGIC DESIGN	14	0	0
13BJ5A0203	R22024	ELECTRICAL MACHINES-II	14	8	0
13BJ5A0203	R22026	CONTROL SYSTEMS	15	1	0
13BJ5A0203	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	11	0
13BJ5A0203	R2202A	EM-I LAB	18	30	2
13BJ5A0203	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	30	2
13BJ5A0204	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
13BJ5A0204	R22021	PULSE & DIGITAL CIRCUITS	18	37	4
13BJ5A0204	R22022	POWER SYSTEMS-I	21	44	4
13BJ5A0204	R22023	SWITCHING THEORY & LOGIC DESIGN	21	54	4
13BJ5A0204	R22024	ELECTRICAL MACHINES-II	17	34	4
13BJ5A0204	R22026	CONTROL SYSTEMS	22	34	4
13BJ5A0204	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	18	55	4
13BJ5A0204	R2202A	EM-I LAB	24	49	2
13BJ5A0204	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	45	2
13BJ5A0205	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	48	1
13BJ5A0205	R22021	PULSE & DIGITAL CIRCUITS	19	19	0
13BJ5A0205	R22022	POWER SYSTEMS-I	22	63	4
13BJ5A0205	R22023	SWITCHING THEORY & LOGIC DESIGN	17	7	0
13BJ5A0205	R22024	ELECTRICAL MACHINES-II	18	14	0
13BJ5A0205	R22026	CONTROL SYSTEMS	19	17	0
13BJ5A0205	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	26	4
13BJ5A0205	R2202A	EM-I LAB	22	44	2
13BJ5A0205	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	22	44	2
13BJ5A0206	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	44	1
13BJ5A0206	R22021	PULSE & DIGITAL CIRCUITS	18	17	0
13BJ5A0206	R22022	POWER SYSTEMS-I	17	26	4
13BJ5A0206	R22023	SWITCHING THEORY & LOGIC DESIGN	15	6	0
13BJ5A0206	R22024	ELECTRICAL MACHINES-II	21	30	4
13BJ5A0206	R22026	CONTROL SYSTEMS	17	4	0
13BJ5A0206	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	19	14	0
13BJ5A0206	R2202A	EM-I LAB	19	40	2
13BJ5A0206	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	19	40	2
13BJ5A0207	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
13BJ5A0207	R22021	PULSE & DIGITAL CIRCUITS	15	12	0
13BJ5A0207	R22022	POWER SYSTEMS-I	17	37	4
13BJ5A0207	R22023	SWITCHING THEORY & LOGIC DESIGN	12	14	0
13BJ5A0207	R22024	ELECTRICAL MACHINES-II	16	26	4
13BJ5A0207	R22026	CONTROL SYSTEMS	17	15	0
13BJ5A0207	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	14	26	4

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0207	R2202A	EM-I LAB	20	38	2
13BJ5A0207	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	20	40	2
13BJ5A0208	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	44	1
13BJ5A0208	R22021	PULSE & DIGITAL CIRCUITS	15	16	0
13BJ5A0208	R22022	POWER SYSTEMS-I	20	36	4
13BJ5A0208	R22023	SWITCHING THEORY & LOGIC DESIGN	20	38	4
13BJ5A0208	R22024	ELECTRICAL MACHINES-II	18	26	4
13BJ5A0208	R22026	CONTROL SYSTEMS	17	27	4
13BJ5A0208	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	18	40	4
13BJ5A0208	R2202A	EM-I LAB	18	40	2
13BJ5A0208	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	18	40	2
13BJ5A0209	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	44	1
13BJ5A0209	R22021	PULSE & DIGITAL CIRCUITS	16	26	4
13BJ5A0209	R22022	POWER SYSTEMS-I	22	43	4
13BJ5A0209	R22023	SWITCHING THEORY & LOGIC DESIGN	17	10	0
13BJ5A0209	R22024	ELECTRICAL MACHINES-II	20	29	4
13BJ5A0209	R22026	CONTROL SYSTEMS	20	26	4
13BJ5A0209	R22029	ELECTRICAL CIRCUIT ANALYSIS-II	18	26	4
13BJ5A0209	R2202A	EM-I LAB	24	49	2
13BJ5A0209	R2202B	ELECTRICAL CIRCUITS AND SIMULATION LAB	24	45	2
13BJ5A0301	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
13BJ5A0301	R22031	MECHANICS OF SOLIDS	19	34	4
13BJ5A0301	R22032	KINEMATICS OF MACHINERY	15	8	0
13BJ5A0301	R22033	THERMAL ENGINEERING -I	15	14	0
13BJ5A0301	R22034	PRODUCTION TECHNOLOGY	15	44	4
13BJ5A0301	R22035	METALL. & MATER. SCI.	15	5	0
13BJ5A0301	R22036	MACHINE DRAWING	20	30	4
13BJ5A0301	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	47	2
13BJ5A0301	R22038	PRODUCTION TECHNOLOGY LAB	25	48	2
13BJ5A0302	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	45	1
13BJ5A0302	R22031	MECHANICS OF SOLIDS	17	26	4
13BJ5A0302	R22032	KINEMATICS OF MACHINERY	18	30	4
13BJ5A0302	R22033	THERMAL ENGINEERING -I	17	14	0
13BJ5A0302	R22034	PRODUCTION TECHNOLOGY	16	26	4
13BJ5A0302	R22035	METALL. & MATER. SCI.	18	17	0
13BJ5A0302	R22036	MACHINE DRAWING	25	40	4
13BJ5A0302	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
13BJ5A0302	R22038	PRODUCTION TECHNOLOGY LAB	25	49	2
13BJ5A0303	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
13BJ5A0303	R22031	MECHANICS OF SOLIDS	18	53	4
13BJ5A0303	R22032	KINEMATICS OF MACHINERY	16	40	4
13BJ5A0303	R22033	THERMAL ENGINEERING -I	16	10	0
13BJ5A0303	R22034	PRODUCTION TECHNOLOGY	17	31	4
13BJ5A0303	R22035	METALL. & MATER. SCI.	15	27	4
13BJ5A0303	R22036	MACHINE DRAWING	19	45	4
13BJ5A0303	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	47	2
13BJ5A0303	R22038	PRODUCTION TECHNOLOGY LAB	25	44	2
13BJ5A0304	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
13BJ5A0304	R22031	MECHANICS OF SOLIDS	16	11	0
13BJ5A0304	R22032	KINEMATICS OF MACHINERY	17	10	0
13BJ5A0304	R22033	THERMAL ENGINEERING -I	16	10	0

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0304	R22034	PRODUCTION TECHNOLOGY	15	38	4
13BJ5A0304	R22035	METALL. & MATER. SCI.	16	8	0
13BJ5A0304	R22036	MACHINE DRAWING	19	42	4
13BJ5A0304	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	46	2
13BJ5A0304	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
13BJ5A0305	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	43	1
13BJ5A0305	R22031	MECHANICS OF SOLIDS	18	27	4
13BJ5A0305	R22032	KINEMATICS OF MACHINERY	17	21	0
13BJ5A0305	R22033	THERMAL ENGINEERING -I	17	26	4
13BJ5A0305	R22034	PRODUCTION TECHNOLOGY	16	33	4
13BJ5A0305	R22035	METALL. & MATER. SCI.	16	12	0
13BJ5A0305	R22036	MACHINE DRAWING	19	19	0
13BJ5A0305	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	46	2
13BJ5A0305	R22038	PRODUCTION TECHNOLOGY LAB	25	47	2
13BJ5A0306	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	41	1
13BJ5A0306	R22031	MECHANICS OF SOLIDS	17	26	4
13BJ5A0306	R22032	KINEMATICS OF MACHINERY	12	28	4
13BJ5A0306	R22033	THERMAL ENGINEERING -I	14	13	0
13BJ5A0306	R22034	PRODUCTION TECHNOLOGY	12	10	0
13BJ5A0306	R22035	METALL. & MATER. SCI.	13	7	0
13BJ5A0306	R22036	MACHINE DRAWING	18	30	4
13BJ5A0306	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	23	43	2
13BJ5A0306	R22038	PRODUCTION TECHNOLOGY LAB	24	44	2
13BJ5A0307	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	44	1
13BJ5A0307	R22031	MECHANICS OF SOLIDS	18	12	0
13BJ5A0307	R22032	KINEMATICS OF MACHINERY	19	16	0
13BJ5A0307	R22033	THERMAL ENGINEERING -I	14	37	4
13BJ5A0307	R22034	PRODUCTION TECHNOLOGY	17	29	4
13BJ5A0307	R22035	METALL. & MATER. SCI.	18	-1	0
13BJ5A0307	R22036	MACHINE DRAWING	20	0	0
13BJ5A0307	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	24	45	2
13BJ5A0307	R22038	PRODUCTION TECHNOLOGY LAB	25	46	2
13BJ5A0308	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	48	1
13BJ5A0308	R22031	MECHANICS OF SOLIDS	19	43	4
13BJ5A0308	R22032	KINEMATICS OF MACHINERY	17	8	0
13BJ5A0308	R22033	THERMAL ENGINEERING -I	21	34	4
13BJ5A0308	R22034	PRODUCTION TECHNOLOGY	18	31	4
13BJ5A0308	R22035	METALL. & MATER. SCI.	20	34	4
13BJ5A0308	R22036	MACHINE DRAWING	25	43	4
13BJ5A0308	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	50	2
13BJ5A0308	R22038	PRODUCTION TECHNOLOGY LAB	25	49	2
13BJ5A0309	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	40	1
13BJ5A0309	R22031	MECHANICS OF SOLIDS	18	52	4
13BJ5A0309	R22032	KINEMATICS OF MACHINERY	14	47	4
13BJ5A0309	R22033	THERMAL ENGINEERING -I	14	33	4
13BJ5A0309	R22034	PRODUCTION TECHNOLOGY	12	45	4
13BJ5A0309	R22035	METALL. & MATER. SCI.	16	28	4
13BJ5A0309	R22036	MACHINE DRAWING	25	46	4
13BJ5A0309	R22037	MECHANICS OF SOLIDS & METALLURGY LAB	25	42	2
13BJ5A0309	R22038	PRODUCTION TECHNOLOGY LAB	25	44	2
13BJ5A0401	R22019	ENGLISH COMMUNICATION PRACTICE LAB	24	49	1

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0401	R22021	PULSE & DIGITAL CIRCUITS	23	26	4
13BJ5A0401	R22023	SWITCHING THEORY & LOGIC DESIGN	23	50	4
13BJ5A0401	R22026	CONTROL SYSTEMS	22	26	4
13BJ5A0401	R22041	ANALOG COMMUNICATIONS	20	54	4
13BJ5A0401	R22042	EMWTL	20	29	4
13BJ5A0401	R22043	ELECTRONIC CIRCUIT ANALYSIS	21	58	4
13BJ5A0401	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	48	2
13BJ5A0401	R22045	ANALOG COMMUNICATIONS LAB	25	49	2
13BJ5A0402	R22019	ENGLISH COMMUNICATION PRACTICE LAB	0	-1	0
13BJ5A0402	R22044	ELECTRONICS CIRCUITS & PDC LAB	0	-1	0
13BJ5A0402	R22045	ANALOG COMMUNICATIONS LAB	0	-1	0
13BJ5A0403	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	46	1
13BJ5A0403	R22021	PULSE & DIGITAL CIRCUITS	22	33	4
13BJ5A0403	R22023	SWITCHING THEORY & LOGIC DESIGN	21	38	4
13BJ5A0403	R22026	CONTROL SYSTEMS	19	39	4
13BJ5A0403	R22041	ANALOG COMMUNICATIONS	17	39	4
13BJ5A0403	R22042	EMWTL	17	4	0
13BJ5A0403	R22043	ELECTRONIC CIRCUIT ANALYSIS	18	31	4
13BJ5A0403	R22044	ELECTRONICS CIRCUITS & PDC LAB	24	46	2
13BJ5A0403	R22045	ANALOG COMMUNICATIONS LAB	24	46	2
13BJ5A0404	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	40	1
13BJ5A0404	R22021	PULSE & DIGITAL CIRCUITS	20	8	0
13BJ5A0404	R22023	SWITCHING THEORY & LOGIC DESIGN	15	6	0
13BJ5A0404	R22026	CONTROL SYSTEMS	15	16	0
13BJ5A0404	R22041	ANALOG COMMUNICATIONS	15	28	4
13BJ5A0404	R22042	EMWTL	16	11	0
13BJ5A0404	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	28	4
13BJ5A0404	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	40	2
13BJ5A0404	R22045	ANALOG COMMUNICATIONS LAB	21	40	2
13BJ5A0405	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	41	1
13BJ5A0405	R22021	PULSE & DIGITAL CIRCUITS	17	13	0
13BJ5A0405	R22023	SWITCHING THEORY & LOGIC DESIGN	15	41	4
13BJ5A0405	R22026	CONTROL SYSTEMS	14	28	4
13BJ5A0405	R22041	ANALOG COMMUNICATIONS	15	9	0
13BJ5A0405	R22042	EMWTL	17	14	0
13BJ5A0405	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	6	0
13BJ5A0405	R22044	ELECTRONICS CIRCUITS & PDC LAB	23	48	2
13BJ5A0405	R22045	ANALOG COMMUNICATIONS LAB	22	45	2
13BJ5A0406	R22019	ENGLISH COMMUNICATION PRACTICE LAB	23	43	1
13BJ5A0406	R22021	PULSE & DIGITAL CIRCUITS	18	26	4
13BJ5A0406	R22023	SWITCHING THEORY & LOGIC DESIGN	15	9	0
13BJ5A0406	R22026	CONTROL SYSTEMS	20	4	0
13BJ5A0406	R22041	ANALOG COMMUNICATIONS	16	36	4
13BJ5A0406	R22042	EMWTL	16	5	0
13BJ5A0406	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	55	4
13BJ5A0406	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
13BJ5A0406	R22045	ANALOG COMMUNICATIONS LAB	22	41	2
13BJ5A0407	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
13BJ5A0407	R22021	PULSE & DIGITAL CIRCUITS	19	26	4
13BJ5A0407	R22023	SWITCHING THEORY & LOGIC DESIGN	16	26	4
13BJ5A0407	R22026	CONTROL SYSTEMS	14	26	4

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0407	R22041	ANALOG COMMUNICATIONS	15	31	4
13BJ5A0407	R22042	EMWTL	17	11	0
13BJ5A0407	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	9	0
13BJ5A0407	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
13BJ5A0407	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
13BJ5A0408	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	43	1
13BJ5A0408	R22021	PULSE & DIGITAL CIRCUITS	19	7	0
13BJ5A0408	R22023	SWITCHING THEORY & LOGIC DESIGN	14	16	0
13BJ5A0408	R22026	CONTROL SYSTEMS	15	1	0
13BJ5A0408	R22041	ANALOG COMMUNICATIONS	18	28	4
13BJ5A0408	R22042	EMWTL	15	0	0
13BJ5A0408	R22043	ELECTRONIC CIRCUIT ANALYSIS	19	16	0
13BJ5A0408	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	44	2
13BJ5A0408	R22045	ANALOG COMMUNICATIONS LAB	23	43	2
13BJ5A0409	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	42	1
13BJ5A0409	R22021	PULSE & DIGITAL CIRCUITS	19	3	0
13BJ5A0409	R22023	SWITCHING THEORY & LOGIC DESIGN	15	26	4
13BJ5A0409	R22026	CONTROL SYSTEMS	15	20	0
13BJ5A0409	R22041	ANALOG COMMUNICATIONS	20	11	0
13BJ5A0409	R22042	EMWTL	16	36	4
13BJ5A0409	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	26	4
13BJ5A0409	R22044	ELECTRONICS CIRCUITS & PDC LAB	22	46	2
13BJ5A0409	R22045	ANALOG COMMUNICATIONS LAB	22	44	2
13BJ5A0410	R22019	ENGLISH COMMUNICATION PRACTICE LAB	20	43	1
13BJ5A0410	R22021	PULSE & DIGITAL CIRCUITS	16	14	0
13BJ5A0410	R22023	SWITCHING THEORY & LOGIC DESIGN	15	9	0
13BJ5A0410	R22026	CONTROL SYSTEMS	17	0	0
13BJ5A0410	R22041	ANALOG COMMUNICATIONS	17	4	0
13BJ5A0410	R22042	EMWTL	19	6	0
13BJ5A0410	R22043	ELECTRONIC CIRCUIT ANALYSIS	17	50	4
13BJ5A0410	R22044	ELECTRONICS CIRCUITS & PDC LAB	21	46	2
13BJ5A0410	R22045	ANALOG COMMUNICATIONS LAB	22	40	2
13BJ5A0411	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	42	1
13BJ5A0411	R22021	PULSE & DIGITAL CIRCUITS	18	19	0
13BJ5A0411	R22023	SWITCHING THEORY & LOGIC DESIGN	15	16	0
13BJ5A0411	R22026	CONTROL SYSTEMS	16	5	0
13BJ5A0411	R22041	ANALOG COMMUNICATIONS	15	28	4
13BJ5A0411	R22042	EMWTL	15	0	0
13BJ5A0411	R22043	ELECTRONIC CIRCUIT ANALYSIS	16	6	0
13BJ5A0411	R22044	ELECTRONICS CIRCUITS & PDC LAB	15	45	2
13BJ5A0411	R22045	ANALOG COMMUNICATIONS LAB	14	42	2
13BJ5A0412	R22019	ENGLISH COMMUNICATION PRACTICE LAB	14	-1	0
13BJ5A0412	R22021	PULSE & DIGITAL CIRCUITS	0	-1	0
13BJ5A0412	R22023	SWITCHING THEORY & LOGIC DESIGN	15	-1	0
13BJ5A0412	R22026	CONTROL SYSTEMS	15	-1	0
13BJ5A0412	R22041	ANALOG COMMUNICATIONS	1	-1	0
13BJ5A0412	R22042	EMWTL	15	-1	0
13BJ5A0412	R22043	ELECTRONIC CIRCUIT ANALYSIS	15	-1	0
13BJ5A0412	R22044	ELECTRONICS CIRCUITS & PDC LAB	14	-1	0
13BJ5A0412	R22045	ANALOG COMMUNICATIONS LAB	13	-1	0
13BJ5A0501	R22019	ENGLISH COMMUNICATION PRACTICE LAB	25	46	1

Htno	Subcode	Subname	Internal	External	credits
13BJ5A0501	R22051	SOFTWARE ENGINEERING	19	35	4
13BJ5A0501	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	24	29	4
13BJ5A0501	R22053	DATA BASE MANAGEMENT SYSTEMS	23	27	4
13BJ5A0501	R22054	COMPUTER ORGANIZATION	16	11	0
13BJ5A0501	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	24	29	4
13BJ5A0501	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	17	29	4
13BJ5A0501	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	24	49	2
13BJ5A0501	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	25	49	2
13BJ5A0502	R22019	ENGLISH COMMUNICATION PRACTICE LAB	22	33	1
13BJ5A0502	R22051	SOFTWARE ENGINEERING	16	33	4
13BJ5A0502	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	9	0
13BJ5A0502	R22053	DATA BASE MANAGEMENT SYSTEMS	20	8	0
13BJ5A0502	R22054	COMPUTER ORGANIZATION	16	10	0
13BJ5A0502	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	18	30	4
13BJ5A0502	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	16	19	0
13BJ5A0502	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	23	47	2
13BJ5A0502	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	23	47	2
13BJ5A0503	R22019	ENGLISH COMMUNICATION PRACTICE LAB	21	34	1
13BJ5A0503	R22051	SOFTWARE ENGINEERING	18	29	4
13BJ5A0503	R22052	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15	16	0
13BJ5A0503	R22053	DATA BASE MANAGEMENT SYSTEMS	22	13	0
13BJ5A0503	R22054	COMPUTER ORGANIZATION	15	14	0
13BJ5A0503	R22055	FORMAL LANGUAGES AND AUTOMATA THEORY	20	26	4
13BJ5A0503	R22056	PRINCIPLES OF PROGRAMMING LANGUAGES	14	12	0
13BJ5A0503	R22057	OBJECT ORIENTED PROGRAMMINGS LAB	22	46	2
13BJ5A0503	R22058	DATA BASE MANAGEMENT SYSTEMS LAB	21	45	2

Note:1)For Recounting/Revaluation/Challenge By Revaluation Apply through Online(WWW.JNTUKEXAMS.NET))

[Last Date for Recounting/Revaluation/Challenge By Revaluation: 29-10-2014]

Date:20-10-2014



Controller of Examinations