



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result for IVB.Tech(R10) I Semester Regular Examinations December-2013

College: ST.MARY'S GROUP OF INSTITUTIONS, CHEBROLU, GUNTUR:BJ

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0213	R41021	COMPUTER ORGANIZATION	15	26	4
09BJ1A0213	R41022	HIGH VOLTAGE ENGINEERING	19	26	4
09BJ1A0213	R41023	SWITCH GEAR & PROTECTION	19	34	4
09BJ1A0213	R41024	POWER SYSTEM OPERATION & CONTROL	18	30	4
09BJ1A0213	R41026	INSTRUMENTATION	15	6	0
09BJ1A0213	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	34	4
09BJ1A0213	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	45	2
09BJ1A0213	R4102D	ELECTRICAL SIMULATION LAB	22	45	2
09BJ1A0231	R41021	COMPUTER ORGANIZATION	15	28	4
09BJ1A0231	R41022	HIGH VOLTAGE ENGINEERING	17	10	0
09BJ1A0231	R41023	SWITCH GEAR & PROTECTION	18	27	4
09BJ1A0231	R41024	POWER SYSTEM OPERATION & CONTROL	19	36	4
09BJ1A0231	R41026	INSTRUMENTATION	18	27	4
09BJ1A0231	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	37	4
09BJ1A0231	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
09BJ1A0231	R4102D	ELECTRICAL SIMULATION LAB	22	46	2
09BJ1A0314	R41031	REFRIGERATION & AIR CONDITIONING	15	1	0
09BJ1A0314	R41032	CAD/CAM	12	3	0
09BJ1A0314	R41033	ALTERNATIVE SOURCES OF ENERGY	16	8	0
09BJ1A0314	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	3	0
09BJ1A0314	R41035	MEMS	14	2	0
09BJ1A0314	R41037	AUTOMOBILE ENGINEERING	15	21	0
09BJ1A0314	R4103B	SIMULATION LAB	23	46	2
09BJ1A0314	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	47	2
09BJ1A0316	R41031	REFRIGERATION & AIR CONDITIONING	14	0	0
09BJ1A0316	R41032	CAD/CAM	13	0	0
09BJ1A0316	R41033	ALTERNATIVE SOURCES OF ENERGY	15	28	4
09BJ1A0316	R41034	UNCONVENTIONAL MACHINING PROCESSES	16	12	0
09BJ1A0316	R41035	MEMS	16	0	0
09BJ1A0316	R41037	AUTOMOBILE ENGINEERING	14	30	4
09BJ1A0316	R4103B	SIMULATION LAB	23	48	2
09BJ1A0316	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	46	2
09BJ1A0336	R41031	REFRIGERATION & AIR CONDITIONING	12	0	0
09BJ1A0336	R41032	CAD/CAM	13	27	4
09BJ1A0336	R41033	ALTERNATIVE SOURCES OF ENERGY	15	26	4
09BJ1A0336	R41034	UNCONVENTIONAL MACHINING PROCESSES	13	31	4
09BJ1A0336	R41035	MEMS	16	20	0
09BJ1A0336	R41037	AUTOMOBILE ENGINEERING	16	38	4
09BJ1A0336	R4103B	SIMULATION LAB	23	46	2
09BJ1A0336	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	48	2
09BJ1A0411	R41041	OPTICAL COMMUNICATIONS	16	27	4
09BJ1A0411	R41042	EMBEDDED SYSTEMS	15	26	4
09BJ1A0411	R41043	DIGITAL IMAGE PROCESSING	14	26	4
09BJ1A0411	R41044	RADAR SYSTEMS	17	10	0

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0411	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	26	4
09BJ1A0411	R41048	BIO-MEDICAL ENGINEERING	16	31	4
09BJ1A0411	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	40	2
09BJ1A0411	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	15	0
09BJ1A0421	R41041	OPTICAL COMMUNICATIONS	16	20	0
09BJ1A0421	R41042	EMBEDDED SYSTEMS	15	10	0
09BJ1A0421	R41043	DIGITAL IMAGE PROCESSING	19	11	0
09BJ1A0421	R41044	RADAR SYSTEMS	16	13	0
09BJ1A0421	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	11	29	4
09BJ1A0421	R41048	BIO-MEDICAL ENGINEERING	14	26	4
09BJ1A0421	R4104B	DIGITAL SIGNAL PROCESSING LAB	15	42	2
09BJ1A0421	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	20	42	2
09BJ1A0423	R41041	OPTICAL COMMUNICATIONS	16	27	4
09BJ1A0423	R41042	EMBEDDED SYSTEMS	17	26	4
09BJ1A0423	R41043	DIGITAL IMAGE PROCESSING	16	12	0
09BJ1A0423	R41044	RADAR SYSTEMS	18	26	4
09BJ1A0423	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	12	34	4
09BJ1A0423	R41048	BIO-MEDICAL ENGINEERING	14	13	0
09BJ1A0423	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	42	2
09BJ1A0423	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	42	2
09BJ1A0429	R41041	OPTICAL COMMUNICATIONS	17	17	0
09BJ1A0429	R41042	EMBEDDED SYSTEMS	17	30	4
09BJ1A0429	R41043	DIGITAL IMAGE PROCESSING	15	17	0
09BJ1A0429	R41044	RADAR SYSTEMS	-1	23	0
09BJ1A0429	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	-1	16	0
09BJ1A0429	R41048	BIO-MEDICAL ENGINEERING	14	26	4
09BJ1A0429	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	15	0
09BJ1A0429	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	15	0
09BJ1A0453	R41041	OPTICAL COMMUNICATIONS	15	15	0
09BJ1A0453	R41042	EMBEDDED SYSTEMS	15	12	0
09BJ1A0453	R41043	DIGITAL IMAGE PROCESSING	16	13	0
09BJ1A0453	R41044	RADAR SYSTEMS	20	11	0
09BJ1A0453	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	29	4
09BJ1A0453	R41048	BIO-MEDICAL ENGINEERING	17	9	0
09BJ1A0453	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	44	2
09BJ1A0453	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
09BJ1A0516	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	-1	0
09BJ1A0516	R41052	UML & DESIGN PATTERNS	15	1	0
09BJ1A0516	R41053	DATA WARE HOUSING AND DATA MINING	14	20	0
09BJ1A0516	R41054	MOBILE COMPUTING	14	8	0
09BJ1A0516	R41057	OPEN SOURCE SOFTWARE	16	-1	0
09BJ1A0516	R4105B	SOFTWARE PROJECT MANAGEMENT	13	-1	0
09BJ1A0516	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
09BJ1A0516	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	37	2
09BJ1A0534	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	8	0
09BJ1A0534	R41052	UML & DESIGN PATTERNS	14	4	0
09BJ1A0534	R41053	DATA WARE HOUSING AND DATA MINING	13	10	0
09BJ1A0534	R41054	MOBILE COMPUTING	14	18	0
09BJ1A0534	R41057	OPEN SOURCE SOFTWARE	14	11	0
09BJ1A0534	R4105B	SOFTWARE PROJECT MANAGEMENT	13	9	0
09BJ1A0534	R4105E	UML & DESIGN PATTERNS LAB	21	38	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0534	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	24	38	2
09BJ1A0544	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	16	0
09BJ1A0544	R41052	UML & DESIGN PATTERNS	15	1	0
09BJ1A0544	R41053	DATA WARE HOUSING AND DATA MINING	17	6	0
09BJ1A0544	R41054	MOBILE COMPUTING	14	7	0
09BJ1A0544	R41057	OPEN SOURCE SOFTWARE	18	0	0
09BJ1A0544	R4105B	SOFTWARE PROJECT MANAGEMENT	13	10	0
09BJ1A0544	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
09BJ1A0544	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	39	2
09BJ5A0404	R41041	OPTICAL COMMUNICATIONS	15	18	0
09BJ5A0404	R41042	EMBEDDED SYSTEMS	20	0	0
09BJ5A0404	R41043	DIGITAL IMAGE PROCESSING	14	5	0
09BJ5A0404	R41044	RADAR SYSTEMS	14	26	4
09BJ5A0404	R41046	ANALOG IC DESIGN	22	0	0
09BJ5A0404	R41048	BIO-MEDICAL ENGINEERING	14	24	0
09BJ5A0404	R4104B	DIGITAL SIGNAL PROCESSING LAB	20	42	2
09BJ5A0404	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	20	42	2
10A41A0449	R41041	OPTICAL COMMUNICATIONS	21	28	4
10A41A0449	R41042	EMBEDDED SYSTEMS	18	21	0
10A41A0449	R41043	DIGITAL IMAGE PROCESSING	19	26	4
10A41A0449	R41044	RADAR SYSTEMS	4	28	0
10A41A0449	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	11	39	4
10A41A0449	R41048	BIO-MEDICAL ENGINEERING	17	26	4
10A41A0449	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	44	2
10A41A0449	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0201	R41021	COMPUTER ORGANIZATION	21	42	4
10BJ1A0201	R41022	HIGH VOLTAGE ENGINEERING	16	31	4
10BJ1A0201	R41023	SWITCH GEAR & PROTECTION	18	35	4
10BJ1A0201	R41024	POWER SYSTEM OPERATION & CONTROL	20	34	4
10BJ1A0201	R41026	INSTRUMENTATION	18	31	4
10BJ1A0201	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	24	40	4
10BJ1A0201	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	49	2
10BJ1A0201	R4102D	ELECTRICAL SIMULATION LAB	23	49	2
10BJ1A0202	R41021	COMPUTER ORGANIZATION	22	48	4
10BJ1A0202	R41022	HIGH VOLTAGE ENGINEERING	19	41	4
10BJ1A0202	R41023	SWITCH GEAR & PROTECTION	18	41	4
10BJ1A0202	R41024	POWER SYSTEM OPERATION & CONTROL	20	41	4
10BJ1A0202	R41026	INSTRUMENTATION	21	42	4
10BJ1A0202	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	50	4
10BJ1A0202	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	24	49	2
10BJ1A0202	R4102D	ELECTRICAL SIMULATION LAB	24	49	2
10BJ1A0203	R41021	COMPUTER ORGANIZATION	22	45	4
10BJ1A0203	R41022	HIGH VOLTAGE ENGINEERING	18	30	4
10BJ1A0203	R41023	SWITCH GEAR & PROTECTION	19	38	4
10BJ1A0203	R41024	POWER SYSTEM OPERATION & CONTROL	19	35	4
10BJ1A0203	R41026	INSTRUMENTATION	19	34	4
10BJ1A0203	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	24	47	4
10BJ1A0203	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	24	49	2
10BJ1A0203	R4102D	ELECTRICAL SIMULATION LAB	24	49	2
10BJ1A0204	R41021	COMPUTER ORGANIZATION	20	28	4
10BJ1A0204	R41022	HIGH VOLTAGE ENGINEERING	18	17	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0204	R41023	SWITCH GEAR & PROTECTION	18	0	0
10BJ1A0204	R41024	POWER SYSTEM OPERATION & CONTROL	15	39	4
10BJ1A0204	R41026	INSTRUMENTATION	17	26	4
10BJ1A0204	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	22	41	4
10BJ1A0204	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	21	46	2
10BJ1A0204	R4102D	ELECTRICAL SIMULATION LAB	21	46	2
10BJ1A0205	R41021	COMPUTER ORGANIZATION	15	18	0
10BJ1A0205	R41022	HIGH VOLTAGE ENGINEERING	18	23	0
10BJ1A0205	R41023	SWITCH GEAR & PROTECTION	21	15	0
10BJ1A0205	R41024	POWER SYSTEM OPERATION & CONTROL	14	23	0
10BJ1A0205	R41026	INSTRUMENTATION	15	6	0
10BJ1A0205	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	22	13	0
10BJ1A0205	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	18	42	2
10BJ1A0205	R4102D	ELECTRICAL SIMULATION LAB	18	42	2
10BJ1A0206	R41021	COMPUTER ORGANIZATION	15	26	4
10BJ1A0206	R41022	HIGH VOLTAGE ENGINEERING	17	35	4
10BJ1A0206	R41023	SWITCH GEAR & PROTECTION	18	35	4
10BJ1A0206	R41024	POWER SYSTEM OPERATION & CONTROL	12	33	4
10BJ1A0206	R41026	INSTRUMENTATION	18	31	4
10BJ1A0206	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	38	4
10BJ1A0206	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	45	2
10BJ1A0206	R4102D	ELECTRICAL SIMULATION LAB	23	45	2
10BJ1A0207	R41021	COMPUTER ORGANIZATION	18	41	4
10BJ1A0207	R41022	HIGH VOLTAGE ENGINEERING	19	42	4
10BJ1A0207	R41023	SWITCH GEAR & PROTECTION	16	40	4
10BJ1A0207	R41024	POWER SYSTEM OPERATION & CONTROL	19	41	4
10BJ1A0207	R41026	INSTRUMENTATION	16	41	4
10BJ1A0207	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	17	28	4
10BJ1A0207	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	47	2
10BJ1A0207	R4102D	ELECTRICAL SIMULATION LAB	23	47	2
10BJ1A0208	R41021	COMPUTER ORGANIZATION	16	15	0
10BJ1A0208	R41022	HIGH VOLTAGE ENGINEERING	16	27	4
10BJ1A0208	R41023	SWITCH GEAR & PROTECTION	16	9	0
10BJ1A0208	R41024	POWER SYSTEM OPERATION & CONTROL	18	38	4
10BJ1A0208	R41026	INSTRUMENTATION	19	26	4
10BJ1A0208	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	21	28	4
10BJ1A0208	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	38	2
10BJ1A0208	R4102D	ELECTRICAL SIMULATION LAB	20	25	2
10BJ1A0209	R41021	COMPUTER ORGANIZATION	14	28	4
10BJ1A0209	R41022	HIGH VOLTAGE ENGINEERING	16	26	4
10BJ1A0209	R41023	SWITCH GEAR & PROTECTION	16	17	0
10BJ1A0209	R41024	POWER SYSTEM OPERATION & CONTROL	18	41	4
10BJ1A0209	R41026	INSTRUMENTATION	15	18	0
10BJ1A0209	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	20	26	4
10BJ1A0209	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	47	2
10BJ1A0209	R4102D	ELECTRICAL SIMULATION LAB	23	47	2
10BJ1A0212	R41021	COMPUTER ORGANIZATION	20	26	4
10BJ1A0212	R41022	HIGH VOLTAGE ENGINEERING	16	15	0
10BJ1A0212	R41023	SWITCH GEAR & PROTECTION	19	42	4
10BJ1A0212	R41024	POWER SYSTEM OPERATION & CONTROL	17	39	4
10BJ1A0212	R41026	INSTRUMENTATION	20	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0212	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	22	41	4
10BJ1A0212	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	47	2
10BJ1A0212	R4102D	ELECTRICAL SIMULATION LAB	22	47	2
10BJ1A0213	R41021	COMPUTER ORGANIZATION	20	49	4
10BJ1A0213	R41022	HIGH VOLTAGE ENGINEERING	17	27	4
10BJ1A0213	R41023	SWITCH GEAR & PROTECTION	17	47	4
10BJ1A0213	R41024	POWER SYSTEM OPERATION & CONTROL	14	41	4
10BJ1A0213	R41026	INSTRUMENTATION	19	41	4
10BJ1A0213	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	18	47	4
10BJ1A0213	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	47	2
10BJ1A0213	R4102D	ELECTRICAL SIMULATION LAB	22	47	2
10BJ1A0214	R41021	COMPUTER ORGANIZATION	18	42	4
10BJ1A0214	R41022	HIGH VOLTAGE ENGINEERING	19	38	4
10BJ1A0214	R41023	SWITCH GEAR & PROTECTION	18	34	4
10BJ1A0214	R41024	POWER SYSTEM OPERATION & CONTROL	19	51	4
10BJ1A0214	R41026	INSTRUMENTATION	13	38	4
10BJ1A0214	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	42	4
10BJ1A0214	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	48	2
10BJ1A0214	R4102D	ELECTRICAL SIMULATION LAB	22	48	2
10BJ1A0215	R41021	COMPUTER ORGANIZATION	9	32	4
10BJ1A0215	R41022	HIGH VOLTAGE ENGINEERING	10	31	4
10BJ1A0215	R41023	SWITCH GEAR & PROTECTION	17	14	0
10BJ1A0215	R41024	POWER SYSTEM OPERATION & CONTROL	10	33	4
10BJ1A0215	R41026	INSTRUMENTATION	18	29	4
10BJ1A0215	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	16	31	4
10BJ1A0215	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	12	45	2
10BJ1A0215	R4102D	ELECTRICAL SIMULATION LAB	12	45	2
10BJ1A0217	R41021	COMPUTER ORGANIZATION	20	39	4
10BJ1A0217	R41022	HIGH VOLTAGE ENGINEERING	19	32	4
10BJ1A0217	R41023	SWITCH GEAR & PROTECTION	20	46	4
10BJ1A0217	R41024	POWER SYSTEM OPERATION & CONTROL	21	34	4
10BJ1A0217	R41026	INSTRUMENTATION	20	38	4
10BJ1A0217	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	46	4
10BJ1A0217	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	25	50	2
10BJ1A0217	R4102D	ELECTRICAL SIMULATION LAB	25	50	2
10BJ1A0218	R41021	COMPUTER ORGANIZATION	16	0	0
10BJ1A0218	R41022	HIGH VOLTAGE ENGINEERING	3	1	0
10BJ1A0218	R41023	SWITCH GEAR & PROTECTION	19	5	0
10BJ1A0218	R41024	POWER SYSTEM OPERATION & CONTROL	14	4	0
10BJ1A0218	R41026	INSTRUMENTATION	19	1	0
10BJ1A0218	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	14	16	0
10BJ1A0218	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	38	2
10BJ1A0218	R4102D	ELECTRICAL SIMULATION LAB	20	25	2
10BJ1A0219	R41021	COMPUTER ORGANIZATION	18	26	4
10BJ1A0219	R41022	HIGH VOLTAGE ENGINEERING	14	32	4
10BJ1A0219	R41023	SWITCH GEAR & PROTECTION	19	32	4
10BJ1A0219	R41024	POWER SYSTEM OPERATION & CONTROL	18	46	4
10BJ1A0219	R41026	INSTRUMENTATION	18	30	4
10BJ1A0219	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	18	39	4
10BJ1A0219	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	48	2
10BJ1A0219	R4102D	ELECTRICAL SIMULATION LAB	22	48	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0221	R41021	COMPUTER ORGANIZATION	17	41	4
10BJ1A0221	R41022	HIGH VOLTAGE ENGINEERING	20	47	4
10BJ1A0221	R41023	SWITCH GEAR & PROTECTION	19	32	4
10BJ1A0221	R41024	POWER SYSTEM OPERATION & CONTROL	19	45	4
10BJ1A0221	R41026	INSTRUMENTATION	20	32	4
10BJ1A0221	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	21	37	4
10BJ1A0221	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	47	2
10BJ1A0221	R4102D	ELECTRICAL SIMULATION LAB	22	47	2
10BJ1A0222	R41021	COMPUTER ORGANIZATION	20	44	4
10BJ1A0222	R41022	HIGH VOLTAGE ENGINEERING	22	34	4
10BJ1A0222	R41023	SWITCH GEAR & PROTECTION	22	49	4
10BJ1A0222	R41024	POWER SYSTEM OPERATION & CONTROL	21	50	4
10BJ1A0222	R41026	INSTRUMENTATION	20	35	4
10BJ1A0222	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	24	42	4
10BJ1A0222	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	25	50	2
10BJ1A0222	R4102D	ELECTRICAL SIMULATION LAB	25	50	2
10BJ1A0223	R41021	COMPUTER ORGANIZATION	23	26	4
10BJ1A0223	R41022	HIGH VOLTAGE ENGINEERING	22	34	4
10BJ1A0223	R41023	SWITCH GEAR & PROTECTION	21	36	4
10BJ1A0223	R41024	POWER SYSTEM OPERATION & CONTROL	20	17	0
10BJ1A0223	R41026	INSTRUMENTATION	20	33	4
10BJ1A0223	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	25	38	4
10BJ1A0223	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	48	2
10BJ1A0223	R4102D	ELECTRICAL SIMULATION LAB	22	48	2
10BJ1A0224	R41021	COMPUTER ORGANIZATION	21	42	4
10BJ1A0224	R41022	HIGH VOLTAGE ENGINEERING	23	39	4
10BJ1A0224	R41023	SWITCH GEAR & PROTECTION	19	50	4
10BJ1A0224	R41024	POWER SYSTEM OPERATION & CONTROL	19	46	4
10BJ1A0224	R41026	INSTRUMENTATION	22	53	4
10BJ1A0224	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	20	44	4
10BJ1A0224	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	25	50	2
10BJ1A0224	R4102D	ELECTRICAL SIMULATION LAB	25	50	2
10BJ1A0225	R41021	COMPUTER ORGANIZATION	18	5	0
10BJ1A0225	R41022	HIGH VOLTAGE ENGINEERING	14	26	4
10BJ1A0225	R41023	SWITCH GEAR & PROTECTION	18	10	0
10BJ1A0225	R41024	POWER SYSTEM OPERATION & CONTROL	18	35	4
10BJ1A0225	R41026	INSTRUMENTATION	15	3	0
10BJ1A0225	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	22	27	4
10BJ1A0225	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	47	2
10BJ1A0225	R4102D	ELECTRICAL SIMULATION LAB	22	47	2
10BJ1A0226	R41021	COMPUTER ORGANIZATION	20	38	4
10BJ1A0226	R41022	HIGH VOLTAGE ENGINEERING	19	35	4
10BJ1A0226	R41023	SWITCH GEAR & PROTECTION	19	48	4
10BJ1A0226	R41024	POWER SYSTEM OPERATION & CONTROL	22	37	4
10BJ1A0226	R41026	INSTRUMENTATION	17	48	4
10BJ1A0226	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	51	4
10BJ1A0226	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	24	49	2
10BJ1A0226	R4102D	ELECTRICAL SIMULATION LAB	24	49	2
10BJ1A0227	R41021	COMPUTER ORGANIZATION	22	18	0
10BJ1A0227	R41022	HIGH VOLTAGE ENGINEERING	18	13	0
10BJ1A0227	R41023	SWITCH GEAR & PROTECTION	19	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0227	R41024	POWER SYSTEM OPERATION & CONTROL	22	32	4
10BJ1A0227	R41026	INSTRUMENTATION	22	1	0
10BJ1A0227	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	40	4
10BJ1A0227	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	46	2
10BJ1A0227	R4102D	ELECTRICAL SIMULATION LAB	22	46	2
10BJ1A0229	R41021	COMPUTER ORGANIZATION	15	28	4
10BJ1A0229	R41022	HIGH VOLTAGE ENGINEERING	13	35	4
10BJ1A0229	R41023	SWITCH GEAR & PROTECTION	12	28	4
10BJ1A0229	R41024	POWER SYSTEM OPERATION & CONTROL	10	33	4
10BJ1A0229	R41026	INSTRUMENTATION	12	20	0
10BJ1A0229	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	33	4
10BJ1A0229	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	43	2
10BJ1A0229	R4102D	ELECTRICAL SIMULATION LAB	20	43	2
10BJ1A0230	R41021	COMPUTER ORGANIZATION	17	34	4
10BJ1A0230	R41022	HIGH VOLTAGE ENGINEERING	17	26	4
10BJ1A0230	R41023	SWITCH GEAR & PROTECTION	15	32	4
10BJ1A0230	R41024	POWER SYSTEM OPERATION & CONTROL	17	40	4
10BJ1A0230	R41026	INSTRUMENTATION	16	26	4
10BJ1A0230	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	16	33	4
10BJ1A0230	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	47	2
10BJ1A0230	R4102D	ELECTRICAL SIMULATION LAB	22	47	2
10BJ1A0231	R41021	COMPUTER ORGANIZATION	11	1	0
10BJ1A0231	R41022	HIGH VOLTAGE ENGINEERING	16	9	0
10BJ1A0231	R41023	SWITCH GEAR & PROTECTION	18	2	0
10BJ1A0231	R41024	POWER SYSTEM OPERATION & CONTROL	15	37	4
10BJ1A0231	R41026	INSTRUMENTATION	15	10	0
10BJ1A0231	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	13	29	4
10BJ1A0231	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	12	30	2
10BJ1A0231	R4102D	ELECTRICAL SIMULATION LAB	12	25	2
10BJ1A0232	R41021	COMPUTER ORGANIZATION	17	33	4
10BJ1A0232	R41022	HIGH VOLTAGE ENGINEERING	17	31	4
10BJ1A0232	R41023	SWITCH GEAR & PROTECTION	17	39	4
10BJ1A0232	R41024	POWER SYSTEM OPERATION & CONTROL	19	42	4
10BJ1A0232	R41026	INSTRUMENTATION	19	33	4
10BJ1A0232	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	18	35	4
10BJ1A0232	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	47	2
10BJ1A0232	R4102D	ELECTRICAL SIMULATION LAB	20	47	2
10BJ1A0233	R41021	COMPUTER ORGANIZATION	9	3	0
10BJ1A0233	R41022	HIGH VOLTAGE ENGINEERING	12	-1	0
10BJ1A0233	R41023	SWITCH GEAR & PROTECTION	9	0	0
10BJ1A0233	R41024	POWER SYSTEM OPERATION & CONTROL	10	23	0
10BJ1A0233	R41026	INSTRUMENTATION	11	15	0
10BJ1A0233	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	6	18	0
10BJ1A0233	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	0	38	2
10BJ1A0233	R4102D	ELECTRICAL SIMULATION LAB	0	-1	0
10BJ1A0234	R41021	COMPUTER ORGANIZATION	11	5	0
10BJ1A0234	R41022	HIGH VOLTAGE ENGINEERING	3	14	0
10BJ1A0234	R41023	SWITCH GEAR & PROTECTION	8	8	0
10BJ1A0234	R41024	POWER SYSTEM OPERATION & CONTROL	4	10	0
10BJ1A0234	R41026	INSTRUMENTATION	-1	14	0
10BJ1A0234	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	3	18	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0234	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	12	38	2
10BJ1A0234	R4102D	ELECTRICAL SIMULATION LAB	12	25	2
10BJ1A0235	R41021	COMPUTER ORGANIZATION	14	9	0
10BJ1A0235	R41022	HIGH VOLTAGE ENGINEERING	18	18	0
10BJ1A0235	R41023	SWITCH GEAR & PROTECTION	16	28	4
10BJ1A0235	R41024	POWER SYSTEM OPERATION & CONTROL	16	32	4
10BJ1A0235	R41026	INSTRUMENTATION	15	30	4
10BJ1A0235	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	17	40	4
10BJ1A0235	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	12	39	2
10BJ1A0235	R4102D	ELECTRICAL SIMULATION LAB	12	39	2
10BJ1A0236	R41021	COMPUTER ORGANIZATION	22	39	4
10BJ1A0236	R41022	HIGH VOLTAGE ENGINEERING	20	40	4
10BJ1A0236	R41023	SWITCH GEAR & PROTECTION	20	41	4
10BJ1A0236	R41024	POWER SYSTEM OPERATION & CONTROL	19	51	4
10BJ1A0236	R41026	INSTRUMENTATION	21	50	4
10BJ1A0236	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	45	4
10BJ1A0236	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	24	49	2
10BJ1A0236	R4102D	ELECTRICAL SIMULATION LAB	24	49	2
10BJ1A0237	R41021	COMPUTER ORGANIZATION	20	10	0
10BJ1A0237	R41022	HIGH VOLTAGE ENGINEERING	17	20	0
10BJ1A0237	R41023	SWITCH GEAR & PROTECTION	19	7	0
10BJ1A0237	R41024	POWER SYSTEM OPERATION & CONTROL	15	37	4
10BJ1A0237	R41026	INSTRUMENTATION	18	9	0
10BJ1A0237	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	21	26	4
10BJ1A0237	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	45	2
10BJ1A0237	R4102D	ELECTRICAL SIMULATION LAB	20	45	2
10BJ1A0238	R41021	COMPUTER ORGANIZATION	20	32	4
10BJ1A0238	R41022	HIGH VOLTAGE ENGINEERING	18	29	4
10BJ1A0238	R41023	SWITCH GEAR & PROTECTION	17	32	4
10BJ1A0238	R41024	POWER SYSTEM OPERATION & CONTROL	17	32	4
10BJ1A0238	R41026	INSTRUMENTATION	17	26	4
10BJ1A0238	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	35	4
10BJ1A0238	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	48	2
10BJ1A0238	R4102D	ELECTRICAL SIMULATION LAB	23	48	2
10BJ1A0240	R41021	COMPUTER ORGANIZATION	19	27	4
10BJ1A0240	R41022	HIGH VOLTAGE ENGINEERING	17	26	4
10BJ1A0240	R41023	SWITCH GEAR & PROTECTION	18	40	4
10BJ1A0240	R41024	POWER SYSTEM OPERATION & CONTROL	16	32	4
10BJ1A0240	R41026	INSTRUMENTATION	17	31	4
10BJ1A0240	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	22	38	4
10BJ1A0240	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	21	44	2
10BJ1A0240	R4102D	ELECTRICAL SIMULATION LAB	21	44	2
10BJ1A0241	R41021	COMPUTER ORGANIZATION	21	36	4
10BJ1A0241	R41022	HIGH VOLTAGE ENGINEERING	21	36	4
10BJ1A0241	R41023	SWITCH GEAR & PROTECTION	21	44	4
10BJ1A0241	R41024	POWER SYSTEM OPERATION & CONTROL	20	26	4
10BJ1A0241	R41026	INSTRUMENTATION	18	29	4
10BJ1A0241	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	25	43	4
10BJ1A0241	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	25	50	2
10BJ1A0241	R4102D	ELECTRICAL SIMULATION LAB	25	50	2
10BJ1A0242	R41021	COMPUTER ORGANIZATION	4	16	0



Htno	Subcode	Subname	Internal	External	credits
10BJ1A0242	R41022	HIGH VOLTAGE ENGINEERING	3	2	0
10BJ1A0242	R41023	SWITCH GEAR & PROTECTION	4	20	0
10BJ1A0242	R41024	POWER SYSTEM OPERATION & CONTROL	1	8	0
10BJ1A0242	R41026	INSTRUMENTATION	3	1	0
10BJ1A0242	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	4	17	0
10BJ1A0242	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	15	30	2
10BJ1A0242	R4102D	ELECTRICAL SIMULATION LAB	15	30	2
10BJ1A0243	R41021	COMPUTER ORGANIZATION	22	40	4
10BJ1A0243	R41022	HIGH VOLTAGE ENGINEERING	23	26	4
10BJ1A0243	R41023	SWITCH GEAR & PROTECTION	19	31	4
10BJ1A0243	R41024	POWER SYSTEM OPERATION & CONTROL	17	37	4
10BJ1A0243	R41026	INSTRUMENTATION	19	36	4
10BJ1A0243	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	24	28	4
10BJ1A0243	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	24	48	2
10BJ1A0243	R4102D	ELECTRICAL SIMULATION LAB	24	48	2
10BJ1A0244	R41021	COMPUTER ORGANIZATION	19	36	4
10BJ1A0244	R41022	HIGH VOLTAGE ENGINEERING	16	31	4
10BJ1A0244	R41023	SWITCH GEAR & PROTECTION	18	27	4
10BJ1A0244	R41024	POWER SYSTEM OPERATION & CONTROL	18	34	4
10BJ1A0244	R41026	INSTRUMENTATION	16	29	4
10BJ1A0244	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	42	4
10BJ1A0244	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	42	2
10BJ1A0244	R4102D	ELECTRICAL SIMULATION LAB	20	42	2
10BJ1A0245	R41021	COMPUTER ORGANIZATION	18	29	4
10BJ1A0245	R41022	HIGH VOLTAGE ENGINEERING	19	26	4
10BJ1A0245	R41023	SWITCH GEAR & PROTECTION	18	34	4
10BJ1A0245	R41024	POWER SYSTEM OPERATION & CONTROL	18	28	4
10BJ1A0245	R41026	INSTRUMENTATION	21	26	4
10BJ1A0245	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	23	35	4
10BJ1A0245	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	20	46	2
10BJ1A0245	R4102D	ELECTRICAL SIMULATION LAB	20	46	2
10BJ1A0246	R41021	COMPUTER ORGANIZATION	17	29	4
10BJ1A0246	R41022	HIGH VOLTAGE ENGINEERING	19	29	4
10BJ1A0246	R41023	SWITCH GEAR & PROTECTION	19	32	4
10BJ1A0246	R41024	POWER SYSTEM OPERATION & CONTROL	18	38	4
10BJ1A0246	R41026	INSTRUMENTATION	16	31	4
10BJ1A0246	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	43	4
10BJ1A0246	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	48	2
10BJ1A0246	R4102D	ELECTRICAL SIMULATION LAB	23	48	2
10BJ1A0248	R41021	COMPUTER ORGANIZATION	19	19	0
10BJ1A0248	R41022	HIGH VOLTAGE ENGINEERING	6	18	0
10BJ1A0248	R41023	SWITCH GEAR & PROTECTION	13	16	0
10BJ1A0248	R41024	POWER SYSTEM OPERATION & CONTROL	12	18	0
10BJ1A0248	R41026	INSTRUMENTATION	11	0	0
10BJ1A0248	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	12	14	0
10BJ1A0248	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	15	33	2
10BJ1A0248	R4102D	ELECTRICAL SIMULATION LAB	12	33	2
10BJ1A0301	R41031	REFRIGERATION & AIR CONDITIONING	19	26	4
10BJ1A0301	R41032	CAD/CAM	18	26	4
10BJ1A0301	R41033	ALTERNATIVE SOURCES OF ENERGY	17	42	4
10BJ1A0301	R41034	UNCONVENTIONAL MACHINING PROCESSES	20	39	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0301	R41035	MEMS	17	39	4
10BJ1A0301	R41037	AUTOMOBILE ENGINEERING	19	42	4
10BJ1A0301	R4103B	SIMULATION LAB	24	47	2
10BJ1A0301	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	48	2
10BJ1A0302	R41031	REFRIGERATION & AIR CONDITIONING	18	26	4
10BJ1A0302	R41032	CAD/CAM	20	20	0
10BJ1A0302	R41033	ALTERNATIVE SOURCES OF ENERGY	18	39	4
10BJ1A0302	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	44	4
10BJ1A0302	R41035	MEMS	18	26	4
10BJ1A0302	R41037	AUTOMOBILE ENGINEERING	19	41	4
10BJ1A0302	R4103B	SIMULATION LAB	24	48	2
10BJ1A0302	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	48	2
10BJ1A0303	R41031	REFRIGERATION & AIR CONDITIONING	19	8	0
10BJ1A0303	R41032	CAD/CAM	17	26	4
10BJ1A0303	R41033	ALTERNATIVE SOURCES OF ENERGY	15	49	4
10BJ1A0303	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	46	4
10BJ1A0303	R41035	MEMS	19	42	4
10BJ1A0303	R41037	AUTOMOBILE ENGINEERING	17	49	4
10BJ1A0303	R4103B	SIMULATION LAB	24	48	2
10BJ1A0303	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	48	2
10BJ1A0304	R41031	REFRIGERATION & AIR CONDITIONING	16	15	0
10BJ1A0304	R41032	CAD/CAM	16	16	0
10BJ1A0304	R41033	ALTERNATIVE SOURCES OF ENERGY	20	41	4
10BJ1A0304	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	38	4
10BJ1A0304	R41035	MEMS	18	26	4
10BJ1A0304	R41037	AUTOMOBILE ENGINEERING	17	48	4
10BJ1A0304	R4103B	SIMULATION LAB	23	47	2
10BJ1A0304	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0306	R41031	REFRIGERATION & AIR CONDITIONING	17	-1	0
10BJ1A0306	R41032	CAD/CAM	12	29	4
10BJ1A0306	R41033	ALTERNATIVE SOURCES OF ENERGY	16	26	4
10BJ1A0306	R41034	UNCONVENTIONAL MACHINING PROCESSES	11	16	0
10BJ1A0306	R41035	MEMS	11	17	0
10BJ1A0306	R41037	AUTOMOBILE ENGINEERING	12	17	0
10BJ1A0306	R4103B	SIMULATION LAB	21	-1	0
10BJ1A0306	R4103C	ADVANCED COMMUNICATION SKILLS LAB	20	-1	0
10BJ1A0307	R41031	REFRIGERATION & AIR CONDITIONING	17	26	4
10BJ1A0307	R41032	CAD/CAM	19	27	4
10BJ1A0307	R41033	ALTERNATIVE SOURCES OF ENERGY	17	43	4
10BJ1A0307	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	48	4
10BJ1A0307	R41035	MEMS	20	38	4
10BJ1A0307	R41037	AUTOMOBILE ENGINEERING	17	47	4
10BJ1A0307	R4103B	SIMULATION LAB	23	48	2
10BJ1A0307	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	48	2
10BJ1A0308	R41031	REFRIGERATION & AIR CONDITIONING	18	2	0
10BJ1A0308	R41032	CAD/CAM	19	7	0
10BJ1A0308	R41033	ALTERNATIVE SOURCES OF ENERGY	16	44	4
10BJ1A0308	R41034	UNCONVENTIONAL MACHINING PROCESSES	15	26	4
10BJ1A0308	R41035	MEMS	18	32	4
10BJ1A0308	R41037	AUTOMOBILE ENGINEERING	15	33	4
10BJ1A0308	R4103B	SIMULATION LAB	23	48	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0308	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	49	2
10BJ1A0309	R41031	REFRIGERATION & AIR CONDITIONING	16	14	0
10BJ1A0309	R41032	CAD/CAM	17	26	4
10BJ1A0309	R41033	ALTERNATIVE SOURCES OF ENERGY	13	38	4
10BJ1A0309	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	43	4
10BJ1A0309	R41035	MEMS	15	26	4
10BJ1A0309	R41037	AUTOMOBILE ENGINEERING	12	36	4
10BJ1A0309	R4103B	SIMULATION LAB	23	48	2
10BJ1A0309	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	49	2
10BJ1A0310	R41031	REFRIGERATION & AIR CONDITIONING	12	4	0
10BJ1A0310	R41032	CAD/CAM	13	29	4
10BJ1A0310	R41033	ALTERNATIVE SOURCES OF ENERGY	12	44	4
10BJ1A0310	R41034	UNCONVENTIONAL MACHINING PROCESSES	12	34	4
10BJ1A0310	R41035	MEMS	12	30	4
10BJ1A0310	R41037	AUTOMOBILE ENGINEERING	11	40	4
10BJ1A0310	R4103B	SIMULATION LAB	22	47	2
10BJ1A0310	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	49	2
10BJ1A0311	R41031	REFRIGERATION & AIR CONDITIONING	11	0	0
10BJ1A0311	R41032	CAD/CAM	11	0	0
10BJ1A0311	R41033	ALTERNATIVE SOURCES OF ENERGY	13	28	4
10BJ1A0311	R41034	UNCONVENTIONAL MACHINING PROCESSES	11	0	0
10BJ1A0311	R41035	MEMS	12	-1	0
10BJ1A0311	R41037	AUTOMOBILE ENGINEERING	15	-1	0
10BJ1A0311	R4103B	SIMULATION LAB	22	47	2
10BJ1A0311	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	48	2
10BJ1A0313	R41031	REFRIGERATION & AIR CONDITIONING	15	0	0
10BJ1A0313	R41032	CAD/CAM	15	11	0
10BJ1A0313	R41033	ALTERNATIVE SOURCES OF ENERGY	15	44	4
10BJ1A0313	R41034	UNCONVENTIONAL MACHINING PROCESSES	11	29	4
10BJ1A0313	R41035	MEMS	15	0	0
10BJ1A0313	R41037	AUTOMOBILE ENGINEERING	14	35	4
10BJ1A0313	R4103B	SIMULATION LAB	22	47	2
10BJ1A0313	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	47	2
10BJ1A0314	R41031	REFRIGERATION & AIR CONDITIONING	20	31	4
10BJ1A0314	R41032	CAD/CAM	19	33	4
10BJ1A0314	R41033	ALTERNATIVE SOURCES OF ENERGY	18	44	4
10BJ1A0314	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	51	4
10BJ1A0314	R41035	MEMS	19	43	4
10BJ1A0314	R41037	AUTOMOBILE ENGINEERING	17	53	4
10BJ1A0314	R4103B	SIMULATION LAB	25	49	2
10BJ1A0314	R4103C	ADVANCED COMMUNICATION SKILLS LAB	25	47	2
10BJ1A0315	R41031	REFRIGERATION & AIR CONDITIONING	19	26	4
10BJ1A0315	R41032	CAD/CAM	18	36	4
10BJ1A0315	R41033	ALTERNATIVE SOURCES OF ENERGY	16	43	4
10BJ1A0315	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	47	4
10BJ1A0315	R41035	MEMS	18	35	4
10BJ1A0315	R41037	AUTOMOBILE ENGINEERING	17	38	4
10BJ1A0315	R4103B	SIMULATION LAB	23	48	2
10BJ1A0315	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0316	R41031	REFRIGERATION & AIR CONDITIONING	18	0	0
10BJ1A0316	R41032	CAD/CAM	18	15	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0316	R41033	ALTERNATIVE SOURCES OF ENERGY	17	40	4
10BJ1A0316	R41034	UNCONVENTIONAL MACHINING PROCESSES	15	32	4
10BJ1A0316	R41035	MEMS	17	12	0
10BJ1A0316	R41037	AUTOMOBILE ENGINEERING	15	37	4
10BJ1A0316	R4103B	SIMULATION LAB	24	48	2
10BJ1A0316	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	48	2
10BJ1A0317	R41031	REFRIGERATION & AIR CONDITIONING	18	5	0
10BJ1A0317	R41032	CAD/CAM	19	19	0
10BJ1A0317	R41033	ALTERNATIVE SOURCES OF ENERGY	19	49	4
10BJ1A0317	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	26	4
10BJ1A0317	R41035	MEMS	17	11	0
10BJ1A0317	R41037	AUTOMOBILE ENGINEERING	16	40	4
10BJ1A0317	R4103B	SIMULATION LAB	23	47	2
10BJ1A0317	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0318	R41031	REFRIGERATION & AIR CONDITIONING	15	27	4
10BJ1A0318	R41032	CAD/CAM	15	36	4
10BJ1A0318	R41033	ALTERNATIVE SOURCES OF ENERGY	21	39	4
10BJ1A0318	R41034	UNCONVENTIONAL MACHINING PROCESSES	20	43	4
10BJ1A0318	R41035	MEMS	15	31	4
10BJ1A0318	R41037	AUTOMOBILE ENGINEERING	14	39	4
10BJ1A0318	R4103B	SIMULATION LAB	25	48	2
10BJ1A0318	R4103C	ADVANCED COMMUNICATION SKILLS LAB	25	45	2
10BJ1A0319	R41031	REFRIGERATION & AIR CONDITIONING	17	17	0
10BJ1A0319	R41032	CAD/CAM	18	40	4
10BJ1A0319	R41033	ALTERNATIVE SOURCES OF ENERGY	18	46	4
10BJ1A0319	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	49	4
10BJ1A0319	R41035	MEMS	17	29	4
10BJ1A0319	R41037	AUTOMOBILE ENGINEERING	17	35	4
10BJ1A0319	R4103B	SIMULATION LAB	23	46	2
10BJ1A0319	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0320	R41031	REFRIGERATION & AIR CONDITIONING	18	26	4
10BJ1A0320	R41032	CAD/CAM	20	26	4
10BJ1A0320	R41033	ALTERNATIVE SOURCES OF ENERGY	19	43	4
10BJ1A0320	R41034	UNCONVENTIONAL MACHINING PROCESSES	16	40	4
10BJ1A0320	R41035	MEMS	19	35	4
10BJ1A0320	R41037	AUTOMOBILE ENGINEERING	17	50	4
10BJ1A0320	R4103B	SIMULATION LAB	23	48	2
10BJ1A0320	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0321	R41031	REFRIGERATION & AIR CONDITIONING	18	17	0
10BJ1A0321	R41032	CAD/CAM	19	18	0
10BJ1A0321	R41033	ALTERNATIVE SOURCES OF ENERGY	18	42	4
10BJ1A0321	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	42	4
10BJ1A0321	R41035	MEMS	17	34	4
10BJ1A0321	R41037	AUTOMOBILE ENGINEERING	19	36	4
10BJ1A0321	R4103B	SIMULATION LAB	23	47	2
10BJ1A0321	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0323	R41031	REFRIGERATION & AIR CONDITIONING	20	44	4
10BJ1A0323	R41032	CAD/CAM	21	33	4
10BJ1A0323	R41033	ALTERNATIVE SOURCES OF ENERGY	15	47	4
10BJ1A0323	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	50	4
10BJ1A0323	R41035	MEMS	18	45	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0323	R41037	AUTOMOBILE ENGINEERING	17	52	4
10BJ1A0323	R4103B	SIMULATION LAB	25	49	2
10BJ1A0323	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0324	R41031	REFRIGERATION & AIR CONDITIONING	20	0	0
10BJ1A0324	R41032	CAD/CAM	24	4	0
10BJ1A0324	R41033	ALTERNATIVE SOURCES OF ENERGY	17	40	4
10BJ1A0324	R41034	UNCONVENTIONAL MACHINING PROCESSES	15	29	4
10BJ1A0324	R41035	MEMS	21	27	4
10BJ1A0324	R41037	AUTOMOBILE ENGINEERING	21	42	4
10BJ1A0324	R4103B	SIMULATION LAB	24	47	2
10BJ1A0324	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	49	2
10BJ1A0325	R41031	REFRIGERATION & AIR CONDITIONING	18	0	0
10BJ1A0325	R41032	CAD/CAM	23	6	0
10BJ1A0325	R41033	ALTERNATIVE SOURCES OF ENERGY	13	31	4
10BJ1A0325	R41034	UNCONVENTIONAL MACHINING PROCESSES	16	26	4
10BJ1A0325	R41035	MEMS	17	5	0
10BJ1A0325	R41037	AUTOMOBILE ENGINEERING	18	27	4
10BJ1A0325	R4103B	SIMULATION LAB	23	46	2
10BJ1A0325	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	48	2
10BJ1A0326	R41031	REFRIGERATION & AIR CONDITIONING	19	8	0
10BJ1A0326	R41032	CAD/CAM	22	35	4
10BJ1A0326	R41033	ALTERNATIVE SOURCES OF ENERGY	16	38	4
10BJ1A0326	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	52	4
10BJ1A0326	R41035	MEMS	19	44	4
10BJ1A0326	R41037	AUTOMOBILE ENGINEERING	15	46	4
10BJ1A0326	R4103B	SIMULATION LAB	23	46	2
10BJ1A0326	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0327	R41031	REFRIGERATION & AIR CONDITIONING	15	17	0
10BJ1A0327	R41032	CAD/CAM	17	26	4
10BJ1A0327	R41033	ALTERNATIVE SOURCES OF ENERGY	15	38	4
10BJ1A0327	R41034	UNCONVENTIONAL MACHINING PROCESSES	19	42	4
10BJ1A0327	R41035	MEMS	18	36	4
10BJ1A0327	R41037	AUTOMOBILE ENGINEERING	16	42	4
10BJ1A0327	R4103B	SIMULATION LAB	25	48	2
10BJ1A0327	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	48	2
10BJ1A0328	R41031	REFRIGERATION & AIR CONDITIONING	16	0	0
10BJ1A0328	R41032	CAD/CAM	14	16	0
10BJ1A0328	R41033	ALTERNATIVE SOURCES OF ENERGY	12	43	4
10BJ1A0328	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	32	4
10BJ1A0328	R41035	MEMS	16	14	0
10BJ1A0328	R41037	AUTOMOBILE ENGINEERING	14	32	4
10BJ1A0328	R4103B	SIMULATION LAB	22	47	2
10BJ1A0328	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	47	2
10BJ1A0329	R41031	REFRIGERATION & AIR CONDITIONING	18	1	0
10BJ1A0329	R41032	CAD/CAM	17	1	0
10BJ1A0329	R41033	ALTERNATIVE SOURCES OF ENERGY	11	29	4
10BJ1A0329	R41034	UNCONVENTIONAL MACHINING PROCESSES	13	27	4
10BJ1A0329	R41035	MEMS	15	17	0
10BJ1A0329	R41037	AUTOMOBILE ENGINEERING	12	30	4
10BJ1A0329	R4103B	SIMULATION LAB	22	48	2
10BJ1A0329	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	48	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0330	R41031	REFRIGERATION & AIR CONDITIONING	20	58	4
10BJ1A0330	R41032	CAD/CAM	25	35	4
10BJ1A0330	R41033	ALTERNATIVE SOURCES OF ENERGY	22	49	4
10BJ1A0330	R41034	UNCONVENTIONAL MACHINING PROCESSES	21	57	4
10BJ1A0330	R41035	MEMS	22	43	4
10BJ1A0330	R41037	AUTOMOBILE ENGINEERING	20	35	4
10BJ1A0330	R4103B	SIMULATION LAB	25	50	2
10BJ1A0330	R4103C	ADVANCED COMMUNICATION SKILLS LAB	25	50	2
10BJ1A0331	R41031	REFRIGERATION & AIR CONDITIONING	19	12	0
10BJ1A0331	R41032	CAD/CAM	20	26	4
10BJ1A0331	R41033	ALTERNATIVE SOURCES OF ENERGY	21	57	4
10BJ1A0331	R41034	UNCONVENTIONAL MACHINING PROCESSES	20	45	4
10BJ1A0331	R41035	MEMS	22	30	4
10BJ1A0331	R41037	AUTOMOBILE ENGINEERING	19	43	4
10BJ1A0331	R4103B	SIMULATION LAB	23	46	2
10BJ1A0331	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0332	R41031	REFRIGERATION & AIR CONDITIONING	18	11	0
10BJ1A0332	R41032	CAD/CAM	19	26	4
10BJ1A0332	R41033	ALTERNATIVE SOURCES OF ENERGY	21	34	4
10BJ1A0332	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	46	4
10BJ1A0332	R41035	MEMS	17	32	4
10BJ1A0332	R41037	AUTOMOBILE ENGINEERING	18	40	4
10BJ1A0332	R4103B	SIMULATION LAB	23	46	2
10BJ1A0332	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0333	R41031	REFRIGERATION & AIR CONDITIONING	16	12	0
10BJ1A0333	R41032	CAD/CAM	18	14	0
10BJ1A0333	R41033	ALTERNATIVE SOURCES OF ENERGY	16	33	4
10BJ1A0333	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	7	0
10BJ1A0333	R41035	MEMS	19	17	0
10BJ1A0333	R41037	AUTOMOBILE ENGINEERING	14	37	4
10BJ1A0333	R4103B	SIMULATION LAB	23	47	2
10BJ1A0333	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0334	R41031	REFRIGERATION & AIR CONDITIONING	18	45	4
10BJ1A0334	R41032	CAD/CAM	22	46	4
10BJ1A0334	R41033	ALTERNATIVE SOURCES OF ENERGY	20	45	4
10BJ1A0334	R41034	UNCONVENTIONAL MACHINING PROCESSES	18	55	4
10BJ1A0334	R41035	MEMS	20	35	4
10BJ1A0334	R41037	AUTOMOBILE ENGINEERING	20	50	4
10BJ1A0334	R4103B	SIMULATION LAB	25	49	2
10BJ1A0334	R4103C	ADVANCED COMMUNICATION SKILLS LAB	25	46	2
10BJ1A0335	R41031	REFRIGERATION & AIR CONDITIONING	17	7	0
10BJ1A0335	R41032	CAD/CAM	14	15	0
10BJ1A0335	R41033	ALTERNATIVE SOURCES OF ENERGY	12	37	4
10BJ1A0335	R41034	UNCONVENTIONAL MACHINING PROCESSES	13	27	4
10BJ1A0335	R41035	MEMS	22	26	4
10BJ1A0335	R41037	AUTOMOBILE ENGINEERING	20	31	4
10BJ1A0335	R4103B	SIMULATION LAB	23	46	2
10BJ1A0335	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0336	R41031	REFRIGERATION & AIR CONDITIONING	18	9	0
10BJ1A0336	R41032	CAD/CAM	21	31	4
10BJ1A0336	R41033	ALTERNATIVE SOURCES OF ENERGY	19	33	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0336	R41034	UNCONVENTIONAL MACHINING PROCESSES	19	32	4
10BJ1A0336	R41035	MEMS	24	26	4
10BJ1A0336	R41037	AUTOMOBILE ENGINEERING	21	34	4
10BJ1A0336	R4103B	SIMULATION LAB	24	49	2
10BJ1A0336	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	49	2
10BJ1A0337	R41031	REFRIGERATION & AIR CONDITIONING	17	8	0
10BJ1A0337	R41032	CAD/CAM	18	15	0
10BJ1A0337	R41033	ALTERNATIVE SOURCES OF ENERGY	12	35	4
10BJ1A0337	R41034	UNCONVENTIONAL MACHINING PROCESSES	11	34	4
10BJ1A0337	R41035	MEMS	17	26	4
10BJ1A0337	R41037	AUTOMOBILE ENGINEERING	13	39	4
10BJ1A0337	R4103B	SIMULATION LAB	22	48	2
10BJ1A0337	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	48	2
10BJ1A0338	R41031	REFRIGERATION & AIR CONDITIONING	19	3	0
10BJ1A0338	R41032	CAD/CAM	20	26	4
10BJ1A0338	R41033	ALTERNATIVE SOURCES OF ENERGY	17	39	4
10BJ1A0338	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	41	4
10BJ1A0338	R41035	MEMS	18	34	4
10BJ1A0338	R41037	AUTOMOBILE ENGINEERING	17	39	4
10BJ1A0338	R4103B	SIMULATION LAB	23	47	2
10BJ1A0338	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0339	R41031	REFRIGERATION & AIR CONDITIONING	19	32	4
10BJ1A0339	R41032	CAD/CAM	21	32	4
10BJ1A0339	R41033	ALTERNATIVE SOURCES OF ENERGY	19	64	4
10BJ1A0339	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	52	4
10BJ1A0339	R41035	MEMS	18	43	4
10BJ1A0339	R41037	AUTOMOBILE ENGINEERING	20	51	4
10BJ1A0339	R4103B	SIMULATION LAB	25	49	2
10BJ1A0339	R4103C	ADVANCED COMMUNICATION SKILLS LAB	25	49	2
10BJ1A0340	R41031	REFRIGERATION & AIR CONDITIONING	17	14	0
10BJ1A0340	R41032	CAD/CAM	21	26	4
10BJ1A0340	R41033	ALTERNATIVE SOURCES OF ENERGY	18	34	4
10BJ1A0340	R41034	UNCONVENTIONAL MACHINING PROCESSES	15	34	4
10BJ1A0340	R41035	MEMS	15	26	4
10BJ1A0340	R41037	AUTOMOBILE ENGINEERING	17	36	4
10BJ1A0340	R4103B	SIMULATION LAB	24	48	2
10BJ1A0340	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0341	R41031	REFRIGERATION & AIR CONDITIONING	16	11	0
10BJ1A0341	R41032	CAD/CAM	17	11	0
10BJ1A0341	R41033	ALTERNATIVE SOURCES OF ENERGY	18	41	4
10BJ1A0341	R41034	UNCONVENTIONAL MACHINING PROCESSES	16	36	4
10BJ1A0341	R41035	MEMS	17	26	4
10BJ1A0341	R41037	AUTOMOBILE ENGINEERING	19	47	4
10BJ1A0341	R4103B	SIMULATION LAB	24	48	2
10BJ1A0341	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0342	R41031	REFRIGERATION & AIR CONDITIONING	16	14	0
10BJ1A0342	R41032	CAD/CAM	16	26	4
10BJ1A0342	R41033	ALTERNATIVE SOURCES OF ENERGY	13	46	4
10BJ1A0342	R41034	UNCONVENTIONAL MACHINING PROCESSES	11	20	0
10BJ1A0342	R41035	MEMS	14	7	0
10BJ1A0342	R41037	AUTOMOBILE ENGINEERING	14	38	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0342	R4103B	SIMULATION LAB	22	46	2
10BJ1A0342	R4103C	ADVANCED COMMUNICATION SKILLS LAB	22	47	2
10BJ1A0343	R41031	REFRIGERATION & AIR CONDITIONING	19	30	4
10BJ1A0343	R41032	CAD/CAM	19	29	4
10BJ1A0343	R41033	ALTERNATIVE SOURCES OF ENERGY	18	59	4
10BJ1A0343	R41034	UNCONVENTIONAL MACHINING PROCESSES	16	53	4
10BJ1A0343	R41035	MEMS	16	43	4
10BJ1A0343	R41037	AUTOMOBILE ENGINEERING	18	44	4
10BJ1A0343	R4103B	SIMULATION LAB	24	48	2
10BJ1A0343	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	48	2
10BJ1A0344	R41031	REFRIGERATION & AIR CONDITIONING	18	15	0
10BJ1A0344	R41032	CAD/CAM	17	26	4
10BJ1A0344	R41033	ALTERNATIVE SOURCES OF ENERGY	11	32	4
10BJ1A0344	R41034	UNCONVENTIONAL MACHINING PROCESSES	10	46	4
10BJ1A0344	R41035	MEMS	16	35	4
10BJ1A0344	R41037	AUTOMOBILE ENGINEERING	16	37	4
10BJ1A0344	R4103B	SIMULATION LAB	23	48	2
10BJ1A0344	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	48	2
10BJ1A0345	R41031	REFRIGERATION & AIR CONDITIONING	16	18	0
10BJ1A0345	R41032	CAD/CAM	18	16	0
10BJ1A0345	R41033	ALTERNATIVE SOURCES OF ENERGY	14	44	4
10BJ1A0345	R41034	UNCONVENTIONAL MACHINING PROCESSES	14	43	4
10BJ1A0345	R41035	MEMS	15	27	4
10BJ1A0345	R41037	AUTOMOBILE ENGINEERING	13	44	4
10BJ1A0345	R4103B	SIMULATION LAB	23	46	2
10BJ1A0345	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	46	2
10BJ1A0346	R41031	REFRIGERATION & AIR CONDITIONING	19	29	4
10BJ1A0346	R41032	CAD/CAM	20	46	4
10BJ1A0346	R41033	ALTERNATIVE SOURCES OF ENERGY	18	49	4
10BJ1A0346	R41034	UNCONVENTIONAL MACHINING PROCESSES	15	51	4
10BJ1A0346	R41035	MEMS	21	34	4
10BJ1A0346	R41037	AUTOMOBILE ENGINEERING	20	43	4
10BJ1A0346	R4103B	SIMULATION LAB	24	47	2
10BJ1A0346	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	47	2
10BJ1A0347	R41031	REFRIGERATION & AIR CONDITIONING	19	19	0
10BJ1A0347	R41032	CAD/CAM	19	26	4
10BJ1A0347	R41033	ALTERNATIVE SOURCES OF ENERGY	20	55	4
10BJ1A0347	R41034	UNCONVENTIONAL MACHINING PROCESSES	16	37	4
10BJ1A0347	R41035	MEMS	18	40	4
10BJ1A0347	R41037	AUTOMOBILE ENGINEERING	17	41	4
10BJ1A0347	R4103B	SIMULATION LAB	23	48	2
10BJ1A0347	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	48	2
10BJ1A0348	R41031	REFRIGERATION & AIR CONDITIONING	17	13	0
10BJ1A0348	R41032	CAD/CAM	17	33	4
10BJ1A0348	R41033	ALTERNATIVE SOURCES OF ENERGY	19	37	4
10BJ1A0348	R41034	UNCONVENTIONAL MACHINING PROCESSES	17	38	4
10BJ1A0348	R41035	MEMS	17	27	4
10BJ1A0348	R41037	AUTOMOBILE ENGINEERING	15	38	4
10BJ1A0348	R4103B	SIMULATION LAB	23	47	2
10BJ1A0348	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	47	2
10BJ1A0349	R41031	REFRIGERATION & AIR CONDITIONING	18	35	4



Htno	Subcode	Subname	Internal	External	credits
10BJ1A0349	R41032	CAD/CAM	17	29	4
10BJ1A0349	R41033	ALTERNATIVE SOURCES OF ENERGY	17	43	4
10BJ1A0349	R41034	UNCONVENTIONAL MACHINING PROCESSES	21	48	4
10BJ1A0349	R41035	MEMS	17	41	4
10BJ1A0349	R41037	AUTOMOBILE ENGINEERING	20	53	4
10BJ1A0349	R4103B	SIMULATION LAB	25	49	2
10BJ1A0349	R4103C	ADVANCED COMMUNICATION SKILLS LAB	24	47	2
10BJ1A0350	R41031	REFRIGERATION & AIR CONDITIONING	17	26	4
10BJ1A0350	R41032	CAD/CAM	18	29	4
10BJ1A0350	R41033	ALTERNATIVE SOURCES OF ENERGY	20	30	4
10BJ1A0350	R41034	UNCONVENTIONAL MACHINING PROCESSES	19	45	4
10BJ1A0350	R41035	MEMS	19	30	4
10BJ1A0350	R41037	AUTOMOBILE ENGINEERING	21	43	4
10BJ1A0350	R4103B	SIMULATION LAB	24	47	2
10BJ1A0350	R4103C	ADVANCED COMMUNICATION SKILLS LAB	23	49	2
10BJ1A0403	R41041	OPTICAL COMMUNICATIONS	24	28	4
10BJ1A0403	R41042	EMBEDDED SYSTEMS	17	41	4
10BJ1A0403	R41043	DIGITAL IMAGE PROCESSING	21	31	4
10BJ1A0403	R41044	RADAR SYSTEMS	23	46	4
10BJ1A0403	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	42	4
10BJ1A0403	R41048	BIO-MEDICAL ENGINEERING	16	26	4
10BJ1A0403	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	47	2
10BJ1A0403	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	49	2
10BJ1A0404	R41041	OPTICAL COMMUNICATIONS	24	40	4
10BJ1A0404	R41042	EMBEDDED SYSTEMS	19	33	4
10BJ1A0404	R41043	DIGITAL IMAGE PROCESSING	20	26	4
10BJ1A0404	R41044	RADAR SYSTEMS	20	44	4
10BJ1A0404	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	23	35	4
10BJ1A0404	R41048	BIO-MEDICAL ENGINEERING	19	31	4
10BJ1A0404	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	48	2
10BJ1A0404	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	49	2
10BJ1A0405	R41041	OPTICAL COMMUNICATIONS	22	29	4
10BJ1A0405	R41042	EMBEDDED SYSTEMS	19	26	4
10BJ1A0405	R41043	DIGITAL IMAGE PROCESSING	22	19	0
10BJ1A0405	R41044	RADAR SYSTEMS	21	35	4
10BJ1A0405	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	23	33	4
10BJ1A0405	R41048	BIO-MEDICAL ENGINEERING	19	26	4
10BJ1A0405	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	49	2
10BJ1A0405	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	49	2
10BJ1A0406	R41041	OPTICAL COMMUNICATIONS	19	26	4
10BJ1A0406	R41042	EMBEDDED SYSTEMS	17	26	4
10BJ1A0406	R41043	DIGITAL IMAGE PROCESSING	17	26	4
10BJ1A0406	R41044	RADAR SYSTEMS	18	27	4
10BJ1A0406	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	21	40	4
10BJ1A0406	R41048	BIO-MEDICAL ENGINEERING	16	33	4
10BJ1A0406	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	46	2
10BJ1A0406	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0407	R41041	OPTICAL COMMUNICATIONS	23	29	4
10BJ1A0407	R41042	EMBEDDED SYSTEMS	19	34	4
10BJ1A0407	R41043	DIGITAL IMAGE PROCESSING	20	28	4
10BJ1A0407	R41044	RADAR SYSTEMS	19	39	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0407	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	37	4
10BJ1A0407	R41048	BIO-MEDICAL ENGINEERING	17	30	4
10BJ1A0407	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	49	2
10BJ1A0407	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	49	2
10BJ1A0408	R41041	OPTICAL COMMUNICATIONS	22	36	4
10BJ1A0408	R41042	EMBEDDED SYSTEMS	15	32	4
10BJ1A0408	R41043	DIGITAL IMAGE PROCESSING	19	27	4
10BJ1A0408	R41044	RADAR SYSTEMS	20	37	4
10BJ1A0408	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	32	4
10BJ1A0408	R41048	BIO-MEDICAL ENGINEERING	17	13	0
10BJ1A0408	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	47	2
10BJ1A0408	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	48	2
10BJ1A0409	R41041	OPTICAL COMMUNICATIONS	22	34	4
10BJ1A0409	R41042	EMBEDDED SYSTEMS	18	26	4
10BJ1A0409	R41043	DIGITAL IMAGE PROCESSING	17	15	0
10BJ1A0409	R41044	RADAR SYSTEMS	21	42	4
10BJ1A0409	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	33	4
10BJ1A0409	R41048	BIO-MEDICAL ENGINEERING	17	33	4
10BJ1A0409	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	48	2
10BJ1A0409	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	46	2
10BJ1A0410	R41041	OPTICAL COMMUNICATIONS	23	58	4
10BJ1A0410	R41042	EMBEDDED SYSTEMS	18	39	4
10BJ1A0410	R41043	DIGITAL IMAGE PROCESSING	24	41	4
10BJ1A0410	R41044	RADAR SYSTEMS	22	57	4
10BJ1A0410	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	47	4
10BJ1A0410	R41048	BIO-MEDICAL ENGINEERING	20	44	4
10BJ1A0410	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	48	2
10BJ1A0410	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	48	2
10BJ1A0411	R41041	OPTICAL COMMUNICATIONS	20	48	4
10BJ1A0411	R41042	EMBEDDED SYSTEMS	16	36	4
10BJ1A0411	R41043	DIGITAL IMAGE PROCESSING	21	29	4
10BJ1A0411	R41044	RADAR SYSTEMS	19	43	4
10BJ1A0411	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	35	4
10BJ1A0411	R41048	BIO-MEDICAL ENGINEERING	19	29	4
10BJ1A0411	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	47	2
10BJ1A0411	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	46	2
10BJ1A0412	R41041	OPTICAL COMMUNICATIONS	22	34	4
10BJ1A0412	R41042	EMBEDDED SYSTEMS	17	26	4
10BJ1A0412	R41043	DIGITAL IMAGE PROCESSING	20	17	0
10BJ1A0412	R41044	RADAR SYSTEMS	20	30	4
10BJ1A0412	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	21	36	4
10BJ1A0412	R41048	BIO-MEDICAL ENGINEERING	20	26	4
10BJ1A0412	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	47	2
10BJ1A0412	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	48	2
10BJ1A0413	R41041	OPTICAL COMMUNICATIONS	24	43	4
10BJ1A0413	R41042	EMBEDDED SYSTEMS	19	34	4
10BJ1A0413	R41043	DIGITAL IMAGE PROCESSING	21	28	4
10BJ1A0413	R41044	RADAR SYSTEMS	19	49	4
10BJ1A0413	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	45	4
10BJ1A0413	R41048	BIO-MEDICAL ENGINEERING	21	42	4
10BJ1A0413	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	46	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0413	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	46	2
10BJ1A0414	R41041	OPTICAL COMMUNICATIONS	20	45	4
10BJ1A0414	R41042	EMBEDDED SYSTEMS	14	26	4
10BJ1A0414	R41043	DIGITAL IMAGE PROCESSING	15	12	0
10BJ1A0414	R41044	RADAR SYSTEMS	13	47	4
10BJ1A0414	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	37	4
10BJ1A0414	R41048	BIO-MEDICAL ENGINEERING	17	44	4
10BJ1A0414	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	47	2
10BJ1A0414	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	45	2
10BJ1A0415	R41041	OPTICAL COMMUNICATIONS	22	43	4
10BJ1A0415	R41042	EMBEDDED SYSTEMS	18	26	4
10BJ1A0415	R41043	DIGITAL IMAGE PROCESSING	20	28	4
10BJ1A0415	R41044	RADAR SYSTEMS	20	44	4
10BJ1A0415	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	22	35	4
10BJ1A0415	R41048	BIO-MEDICAL ENGINEERING	19	33	4
10BJ1A0415	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	47	2
10BJ1A0415	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	48	2
10BJ1A0416	R41041	OPTICAL COMMUNICATIONS	24	45	4
10BJ1A0416	R41042	EMBEDDED SYSTEMS	20	30	4
10BJ1A0416	R41043	DIGITAL IMAGE PROCESSING	22	29	4
10BJ1A0416	R41044	RADAR SYSTEMS	21	38	4
10BJ1A0416	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	23	40	4
10BJ1A0416	R41048	BIO-MEDICAL ENGINEERING	20	39	4
10BJ1A0416	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	48	2
10BJ1A0416	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	49	2
10BJ1A0418	R41041	OPTICAL COMMUNICATIONS	21	34	4
10BJ1A0418	R41042	EMBEDDED SYSTEMS	19	18	0
10BJ1A0418	R41043	DIGITAL IMAGE PROCESSING	18	32	4
10BJ1A0418	R41044	RADAR SYSTEMS	19	8	0
10BJ1A0418	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	32	4
10BJ1A0418	R41048	BIO-MEDICAL ENGINEERING	19	27	4
10BJ1A0418	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	44	2
10BJ1A0418	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0419	R41041	OPTICAL COMMUNICATIONS	22	32	4
10BJ1A0419	R41042	EMBEDDED SYSTEMS	18	27	4
10BJ1A0419	R41043	DIGITAL IMAGE PROCESSING	19	26	4
10BJ1A0419	R41044	RADAR SYSTEMS	21	30	4
10BJ1A0419	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	39	4
10BJ1A0419	R41048	BIO-MEDICAL ENGINEERING	19	26	4
10BJ1A0419	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	45	2
10BJ1A0419	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0420	R41041	OPTICAL COMMUNICATIONS	13	12	0
10BJ1A0420	R41042	EMBEDDED SYSTEMS	15	12	0
10BJ1A0420	R41043	DIGITAL IMAGE PROCESSING	17	15	0
10BJ1A0420	R41044	RADAR SYSTEMS	19	21	0
10BJ1A0420	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	13	27	4
10BJ1A0420	R41048	BIO-MEDICAL ENGINEERING	13	13	0
10BJ1A0420	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	43	2
10BJ1A0420	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	20	46	2
10BJ1A0421	R41041	OPTICAL COMMUNICATIONS	13	28	4
10BJ1A0421	R41042	EMBEDDED SYSTEMS	18	19	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0421	R41043	DIGITAL IMAGE PROCESSING	15	14	0
10BJ1A0421	R41044	RADAR SYSTEMS	17	16	0
10BJ1A0421	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	21	0
10BJ1A0421	R41048	BIO-MEDICAL ENGINEERING	13	17	0
10BJ1A0421	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	43	2
10BJ1A0421	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	44	2
10BJ1A0422	R41041	OPTICAL COMMUNICATIONS	13	26	0
10BJ1A0422	R41042	EMBEDDED SYSTEMS	16	9	0
10BJ1A0422	R41043	DIGITAL IMAGE PROCESSING	15	7	0
10BJ1A0422	R41044	RADAR SYSTEMS	16	18	0
10BJ1A0422	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	13	21	0
10BJ1A0422	R41048	BIO-MEDICAL ENGINEERING	15	14	0
10BJ1A0422	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	44	2
10BJ1A0422	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0423	R41041	OPTICAL COMMUNICATIONS	18	11	0
10BJ1A0423	R41042	EMBEDDED SYSTEMS	16	29	4
10BJ1A0423	R41043	DIGITAL IMAGE PROCESSING	17	13	0
10BJ1A0423	R41044	RADAR SYSTEMS	18	38	4
10BJ1A0423	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	27	4
10BJ1A0423	R41048	BIO-MEDICAL ENGINEERING	15	13	0
10BJ1A0423	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	44	2
10BJ1A0423	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	44	2
10BJ1A0424	R41041	OPTICAL COMMUNICATIONS	19	34	4
10BJ1A0424	R41042	EMBEDDED SYSTEMS	18	35	4
10BJ1A0424	R41043	DIGITAL IMAGE PROCESSING	17	33	4
10BJ1A0424	R41044	RADAR SYSTEMS	20	37	4
10BJ1A0424	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	40	4
10BJ1A0424	R41048	BIO-MEDICAL ENGINEERING	17	10	0
10BJ1A0424	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	43	2
10BJ1A0424	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0425	R41041	OPTICAL COMMUNICATIONS	19	45	4
10BJ1A0425	R41042	EMBEDDED SYSTEMS	16	27	4
10BJ1A0425	R41043	DIGITAL IMAGE PROCESSING	19	17	0
10BJ1A0425	R41044	RADAR SYSTEMS	17	37	4
10BJ1A0425	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	39	4
10BJ1A0425	R41048	BIO-MEDICAL ENGINEERING	17	27	4
10BJ1A0425	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	48	2
10BJ1A0425	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	49	2
10BJ1A0426	R41041	OPTICAL COMMUNICATIONS	24	48	4
10BJ1A0426	R41042	EMBEDDED SYSTEMS	19	30	4
10BJ1A0426	R41043	DIGITAL IMAGE PROCESSING	18	26	4
10BJ1A0426	R41044	RADAR SYSTEMS	18	49	4
10BJ1A0426	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	51	4
10BJ1A0426	R41048	BIO-MEDICAL ENGINEERING	19	39	4
10BJ1A0426	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	49	2
10BJ1A0426	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	48	2
10BJ1A0427	R41041	OPTICAL COMMUNICATIONS	19	31	4
10BJ1A0427	R41042	EMBEDDED SYSTEMS	13	27	4
10BJ1A0427	R41043	DIGITAL IMAGE PROCESSING	15	16	0
10BJ1A0427	R41044	RADAR SYSTEMS	18	39	4
10BJ1A0427	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0427	R41048	BIO-MEDICAL ENGINEERING	16	26	4
10BJ1A0427	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	43	2
10BJ1A0427	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0428	R41041	OPTICAL COMMUNICATIONS	21	20	0
10BJ1A0428	R41042	EMBEDDED SYSTEMS	20	26	4
10BJ1A0428	R41043	DIGITAL IMAGE PROCESSING	17	26	4
10BJ1A0428	R41044	RADAR SYSTEMS	19	21	0
10BJ1A0428	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	30	4
10BJ1A0428	R41048	BIO-MEDICAL ENGINEERING	19	5	0
10BJ1A0428	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	46	2
10BJ1A0428	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	47	2
10BJ1A0429	R41041	OPTICAL COMMUNICATIONS	15	37	4
10BJ1A0429	R41042	EMBEDDED SYSTEMS	16	26	4
10BJ1A0429	R41043	DIGITAL IMAGE PROCESSING	18	18	0
10BJ1A0429	R41044	RADAR SYSTEMS	20	29	4
10BJ1A0429	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	35	4
10BJ1A0429	R41048	BIO-MEDICAL ENGINEERING	18	26	4
10BJ1A0429	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	45	2
10BJ1A0429	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0430	R41041	OPTICAL COMMUNICATIONS	18	9	0
10BJ1A0430	R41042	EMBEDDED SYSTEMS	15	16	0
10BJ1A0430	R41043	DIGITAL IMAGE PROCESSING	19	12	0
10BJ1A0430	R41044	RADAR SYSTEMS	18	26	4
10BJ1A0430	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	35	4
10BJ1A0430	R41048	BIO-MEDICAL ENGINEERING	16	26	4
10BJ1A0430	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	43	2
10BJ1A0430	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	44	2
10BJ1A0431	R41041	OPTICAL COMMUNICATIONS	22	32	4
10BJ1A0431	R41042	EMBEDDED SYSTEMS	19	36	4
10BJ1A0431	R41043	DIGITAL IMAGE PROCESSING	18	28	4
10BJ1A0431	R41044	RADAR SYSTEMS	19	38	4
10BJ1A0431	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	43	4
10BJ1A0431	R41048	BIO-MEDICAL ENGINEERING	22	26	4
10BJ1A0431	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	48	2
10BJ1A0431	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	47	2
10BJ1A0432	R41041	OPTICAL COMMUNICATIONS	23	29	4
10BJ1A0432	R41042	EMBEDDED SYSTEMS	17	35	4
10BJ1A0432	R41043	DIGITAL IMAGE PROCESSING	14	26	4
10BJ1A0432	R41044	RADAR SYSTEMS	19	28	4
10BJ1A0432	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	35	4
10BJ1A0432	R41048	BIO-MEDICAL ENGINEERING	17	39	4
10BJ1A0432	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	46	2
10BJ1A0432	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0433	R41041	OPTICAL COMMUNICATIONS	22	33	4
10BJ1A0433	R41042	EMBEDDED SYSTEMS	19	27	4
10BJ1A0433	R41043	DIGITAL IMAGE PROCESSING	19	16	0
10BJ1A0433	R41044	RADAR SYSTEMS	19	34	4
10BJ1A0433	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	33	4
10BJ1A0433	R41048	BIO-MEDICAL ENGINEERING	19	28	4
10BJ1A0433	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	48	2
10BJ1A0433	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	48	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0434	R41041	OPTICAL COMMUNICATIONS	25	26	4
10BJ1A0434	R41042	EMBEDDED SYSTEMS	17	26	4
10BJ1A0434	R41043	DIGITAL IMAGE PROCESSING	17	5	0
10BJ1A0434	R41044	RADAR SYSTEMS	20	30	4
10BJ1A0434	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	31	4
10BJ1A0434	R41048	BIO-MEDICAL ENGINEERING	18	34	4
10BJ1A0434	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	44	2
10BJ1A0434	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0435	R41041	OPTICAL COMMUNICATIONS	17	9	0
10BJ1A0435	R41042	EMBEDDED SYSTEMS	17	17	0
10BJ1A0435	R41043	DIGITAL IMAGE PROCESSING	7	16	0
10BJ1A0435	R41044	RADAR SYSTEMS	4	23	0
10BJ1A0435	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	14	29	4
10BJ1A0435	R41048	BIO-MEDICAL ENGINEERING	18	26	4
10BJ1A0435	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	15	0
10BJ1A0435	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	42	2
10BJ1A0436	R41041	OPTICAL COMMUNICATIONS	13	-1	0
10BJ1A0436	R41042	EMBEDDED SYSTEMS	3	8	0
10BJ1A0436	R41043	DIGITAL IMAGE PROCESSING	8	3	0
10BJ1A0436	R41044	RADAR SYSTEMS	4	12	0
10BJ1A0436	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	5	19	0
10BJ1A0436	R41048	BIO-MEDICAL ENGINEERING	4	17	0
10BJ1A0436	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	42	2
10BJ1A0436	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	15	0
10BJ1A0437	R41041	OPTICAL COMMUNICATIONS	17	26	4
10BJ1A0437	R41042	EMBEDDED SYSTEMS	14	16	0
10BJ1A0437	R41043	DIGITAL IMAGE PROCESSING	18	6	0
10BJ1A0437	R41044	RADAR SYSTEMS	7	18	0
10BJ1A0437	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	14	32	4
10BJ1A0437	R41048	BIO-MEDICAL ENGINEERING	20	32	4
10BJ1A0437	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	46	2
10BJ1A0437	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0438	R41041	OPTICAL COMMUNICATIONS	17	37	4
10BJ1A0438	R41042	EMBEDDED SYSTEMS	16	33	4
10BJ1A0438	R41043	DIGITAL IMAGE PROCESSING	17	32	4
10BJ1A0438	R41044	RADAR SYSTEMS	18	33	4
10BJ1A0438	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	32	4
10BJ1A0438	R41048	BIO-MEDICAL ENGINEERING	16	30	4
10BJ1A0438	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	45	2
10BJ1A0438	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	43	2
10BJ1A0440	R41041	OPTICAL COMMUNICATIONS	20	26	4
10BJ1A0440	R41042	EMBEDDED SYSTEMS	16	22	0
10BJ1A0440	R41043	DIGITAL IMAGE PROCESSING	17	26	4
10BJ1A0440	R41044	RADAR SYSTEMS	19	28	4
10BJ1A0440	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	13	33	4
10BJ1A0440	R41048	BIO-MEDICAL ENGINEERING	17	13	0
10BJ1A0440	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	44	2
10BJ1A0440	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0441	R41041	OPTICAL COMMUNICATIONS	18	26	4
10BJ1A0441	R41042	EMBEDDED SYSTEMS	15	6	0
10BJ1A0441	R41043	DIGITAL IMAGE PROCESSING	16	5	0

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0441	R41044	RADAR SYSTEMS	16	26	4
10BJ1A0441	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	12	32	4
10BJ1A0441	R41048	BIO-MEDICAL ENGINEERING	18	26	4
10BJ1A0441	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	43	2
10BJ1A0441	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0443	R41041	OPTICAL COMMUNICATIONS	17	26	4
10BJ1A0443	R41042	EMBEDDED SYSTEMS	15	20	0
10BJ1A0443	R41043	DIGITAL IMAGE PROCESSING	15	19	0
10BJ1A0443	R41044	RADAR SYSTEMS	15	19	0
10BJ1A0443	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	14	27	4
10BJ1A0443	R41048	BIO-MEDICAL ENGINEERING	18	34	4
10BJ1A0443	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	15	0
10BJ1A0443	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	15	0
10BJ1A0444	R41041	OPTICAL COMMUNICATIONS	21	36	4
10BJ1A0444	R41042	EMBEDDED SYSTEMS	17	26	4
10BJ1A0444	R41043	DIGITAL IMAGE PROCESSING	14	22	0
10BJ1A0444	R41044	RADAR SYSTEMS	15	32	4
10BJ1A0444	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	30	4
10BJ1A0444	R41048	BIO-MEDICAL ENGINEERING	17	21	0
10BJ1A0444	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	44	2
10BJ1A0444	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0445	R41041	OPTICAL COMMUNICATIONS	17	30	4
10BJ1A0445	R41042	EMBEDDED SYSTEMS	17	21	0
10BJ1A0445	R41043	DIGITAL IMAGE PROCESSING	17	15	0
10BJ1A0445	R41044	RADAR SYSTEMS	19	26	4
10BJ1A0445	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	12	28	4
10BJ1A0445	R41048	BIO-MEDICAL ENGINEERING	15	16	0
10BJ1A0445	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	40	2
10BJ1A0445	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	40	2
10BJ1A0446	R41041	OPTICAL COMMUNICATIONS	21	34	4
10BJ1A0446	R41042	EMBEDDED SYSTEMS	19	32	4
10BJ1A0446	R41043	DIGITAL IMAGE PROCESSING	19	39	4
10BJ1A0446	R41044	RADAR SYSTEMS	19	38	4
10BJ1A0446	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	56	4
10BJ1A0446	R41048	BIO-MEDICAL ENGINEERING	17	40	4
10BJ1A0446	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	44	2
10BJ1A0446	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0447	R41041	OPTICAL COMMUNICATIONS	20	40	4
10BJ1A0447	R41042	EMBEDDED SYSTEMS	17	26	4
10BJ1A0447	R41043	DIGITAL IMAGE PROCESSING	19	29	4
10BJ1A0447	R41044	RADAR SYSTEMS	18	33	4
10BJ1A0447	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	26	4
10BJ1A0447	R41048	BIO-MEDICAL ENGINEERING	18	31	4
10BJ1A0447	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	44	2
10BJ1A0447	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0448	R41041	OPTICAL COMMUNICATIONS	16	30	4
10BJ1A0448	R41042	EMBEDDED SYSTEMS	14	26	4
10BJ1A0448	R41043	DIGITAL IMAGE PROCESSING	16	26	4
10BJ1A0448	R41044	RADAR SYSTEMS	17	28	4
10BJ1A0448	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	30	4
10BJ1A0448	R41048	BIO-MEDICAL ENGINEERING	15	27	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0448	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	45	2
10BJ1A0448	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	44	2
10BJ1A0449	R41041	OPTICAL COMMUNICATIONS	12	28	4
10BJ1A0449	R41042	EMBEDDED SYSTEMS	2	18	0
10BJ1A0449	R41043	DIGITAL IMAGE PROCESSING	9	2	0
10BJ1A0449	R41044	RADAR SYSTEMS	16	29	4
10BJ1A0449	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	12	29	4
10BJ1A0449	R41048	BIO-MEDICAL ENGINEERING	16	14	0
10BJ1A0449	R4104B	DIGITAL SIGNAL PROCESSING LAB	18	40	2
10BJ1A0449	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	18	15	0
10BJ1A0450	R41041	OPTICAL COMMUNICATIONS	19	27	4
10BJ1A0450	R41042	EMBEDDED SYSTEMS	14	31	4
10BJ1A0450	R41043	DIGITAL IMAGE PROCESSING	18	14	0
10BJ1A0450	R41044	RADAR SYSTEMS	19	28	4
10BJ1A0450	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	46	4
10BJ1A0450	R41048	BIO-MEDICAL ENGINEERING	17	49	4
10BJ1A0450	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	44	2
10BJ1A0450	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0451	R41041	OPTICAL COMMUNICATIONS	19	11	0
10BJ1A0451	R41042	EMBEDDED SYSTEMS	15	17	0
10BJ1A0451	R41043	DIGITAL IMAGE PROCESSING	17	7	0
10BJ1A0451	R41044	RADAR SYSTEMS	16	16	0
10BJ1A0451	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	13	0
10BJ1A0451	R41048	BIO-MEDICAL ENGINEERING	20	8	0
10BJ1A0451	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	44	2
10BJ1A0451	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0452	R41041	OPTICAL COMMUNICATIONS	23	-1	0
10BJ1A0452	R41042	EMBEDDED SYSTEMS	17	10	0
10BJ1A0452	R41043	DIGITAL IMAGE PROCESSING	18	-1	0
10BJ1A0452	R41044	RADAR SYSTEMS	17	18	0
10BJ1A0452	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	23	0
10BJ1A0452	R41048	BIO-MEDICAL ENGINEERING	15	11	0
10BJ1A0452	R4104B	DIGITAL SIGNAL PROCESSING LAB	20	44	2
10BJ1A0452	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0453	R41041	OPTICAL COMMUNICATIONS	22	34	4
10BJ1A0453	R41042	EMBEDDED SYSTEMS	17	27	4
10BJ1A0453	R41043	DIGITAL IMAGE PROCESSING	18	42	4
10BJ1A0453	R41044	RADAR SYSTEMS	19	41	4
10BJ1A0453	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	36	4
10BJ1A0453	R41048	BIO-MEDICAL ENGINEERING	19	26	4
10BJ1A0453	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	43	2
10BJ1A0453	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	44	2
10BJ1A0454	R41041	OPTICAL COMMUNICATIONS	15	17	0
10BJ1A0454	R41042	EMBEDDED SYSTEMS	17	26	4
10BJ1A0454	R41043	DIGITAL IMAGE PROCESSING	15	12	0
10BJ1A0454	R41044	RADAR SYSTEMS	19	26	4
10BJ1A0454	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	14	27	4
10BJ1A0454	R41048	BIO-MEDICAL ENGINEERING	18	26	4
10BJ1A0454	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	45	2
10BJ1A0454	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A0455	R41041	OPTICAL COMMUNICATIONS	20	40	4



Htno	Subcode	Subname	Internal	External	credits
10BJ1A0455	R41042	EMBEDDED SYSTEMS	16	31	4
10BJ1A0455	R41043	DIGITAL IMAGE PROCESSING	15	34	4
10BJ1A0455	R41044	RADAR SYSTEMS	21	28	4
10BJ1A0455	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	22	49	4
10BJ1A0455	R41048	BIO-MEDICAL ENGINEERING	20	28	4
10BJ1A0455	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	44	2
10BJ1A0455	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	43	2
10BJ1A0461	R41041	OPTICAL COMMUNICATIONS	25	49	4
10BJ1A0461	R41042	EMBEDDED SYSTEMS	19	31	4
10BJ1A0461	R41043	DIGITAL IMAGE PROCESSING	24	26	4
10BJ1A0461	R41044	RADAR SYSTEMS	23	48	4
10BJ1A0461	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	21	57	4
10BJ1A0461	R41048	BIO-MEDICAL ENGINEERING	21	51	4
10BJ1A0461	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	50	2
10BJ1A0461	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	50	2
10BJ1A0463	R41041	OPTICAL COMMUNICATIONS	24	39	4
10BJ1A0463	R41042	EMBEDDED SYSTEMS	19	43	4
10BJ1A0463	R41043	DIGITAL IMAGE PROCESSING	24	41	4
10BJ1A0463	R41044	RADAR SYSTEMS	21	51	4
10BJ1A0463	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	51	4
10BJ1A0463	R41048	BIO-MEDICAL ENGINEERING	20	41	4
10BJ1A0463	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	48	2
10BJ1A0463	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	48	2
10BJ1A0464	R41041	OPTICAL COMMUNICATIONS	24	48	4
10BJ1A0464	R41042	EMBEDDED SYSTEMS	19	43	4
10BJ1A0464	R41043	DIGITAL IMAGE PROCESSING	21	37	4
10BJ1A0464	R41044	RADAR SYSTEMS	18	48	4
10BJ1A0464	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	62	4
10BJ1A0464	R41048	BIO-MEDICAL ENGINEERING	20	32	4
10BJ1A0464	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	50	2
10BJ1A0464	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	50	2
10BJ1A0465	R41041	OPTICAL COMMUNICATIONS	22	43	4
10BJ1A0465	R41042	EMBEDDED SYSTEMS	21	35	4
10BJ1A0465	R41043	DIGITAL IMAGE PROCESSING	21	40	4
10BJ1A0465	R41044	RADAR SYSTEMS	23	34	4
10BJ1A0465	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	57	4
10BJ1A0465	R41048	BIO-MEDICAL ENGINEERING	21	36	4
10BJ1A0465	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	49	2
10BJ1A0465	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	50	2
10BJ1A0466	R41041	OPTICAL COMMUNICATIONS	21	56	4
10BJ1A0466	R41042	EMBEDDED SYSTEMS	18	30	4
10BJ1A0466	R41043	DIGITAL IMAGE PROCESSING	20	36	4
10BJ1A0466	R41044	RADAR SYSTEMS	20	48	4
10BJ1A0466	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	52	4
10BJ1A0466	R41048	BIO-MEDICAL ENGINEERING	19	42	4
10BJ1A0466	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	45	2
10BJ1A0466	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	46	2
10BJ1A0467	R41041	OPTICAL COMMUNICATIONS	23	32	4
10BJ1A0467	R41042	EMBEDDED SYSTEMS	20	38	4
10BJ1A0467	R41043	DIGITAL IMAGE PROCESSING	23	14	0
10BJ1A0467	R41044	RADAR SYSTEMS	22	38	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0467	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	46	4
10BJ1A0467	R41048	BIO-MEDICAL ENGINEERING	18	38	4
10BJ1A0467	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	45	2
10BJ1A0467	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0468	R41041	OPTICAL COMMUNICATIONS	22	31	4
10BJ1A0468	R41042	EMBEDDED SYSTEMS	18	40	4
10BJ1A0468	R41043	DIGITAL IMAGE PROCESSING	22	34	4
10BJ1A0468	R41044	RADAR SYSTEMS	22	35	4
10BJ1A0468	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	40	4
10BJ1A0468	R41048	BIO-MEDICAL ENGINEERING	19	28	4
10BJ1A0468	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
10BJ1A0468	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	46	2
10BJ1A0469	R41041	OPTICAL COMMUNICATIONS	24	42	4
10BJ1A0469	R41042	EMBEDDED SYSTEMS	18	30	4
10BJ1A0469	R41043	DIGITAL IMAGE PROCESSING	21	47	4
10BJ1A0469	R41044	RADAR SYSTEMS	19	35	4
10BJ1A0469	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	22	44	4
10BJ1A0469	R41048	BIO-MEDICAL ENGINEERING	18	41	4
10BJ1A0469	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	49	2
10BJ1A0469	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	50	2
10BJ1A0470	R41041	OPTICAL COMMUNICATIONS	24	51	4
10BJ1A0470	R41042	EMBEDDED SYSTEMS	18	40	4
10BJ1A0470	R41043	DIGITAL IMAGE PROCESSING	21	31	4
10BJ1A0470	R41044	RADAR SYSTEMS	20	48	4
10BJ1A0470	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	21	45	4
10BJ1A0470	R41048	BIO-MEDICAL ENGINEERING	18	44	4
10BJ1A0470	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
10BJ1A0470	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	47	2
10BJ1A0471	R41041	OPTICAL COMMUNICATIONS	22	43	4
10BJ1A0471	R41042	EMBEDDED SYSTEMS	17	42	4
10BJ1A0471	R41043	DIGITAL IMAGE PROCESSING	22	8	0
10BJ1A0471	R41044	RADAR SYSTEMS	21	36	4
10BJ1A0471	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	36	4
10BJ1A0471	R41048	BIO-MEDICAL ENGINEERING	19	28	4
10BJ1A0471	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	47	2
10BJ1A0471	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	48	2
10BJ1A0472	R41041	OPTICAL COMMUNICATIONS	22	48	4
10BJ1A0472	R41042	EMBEDDED SYSTEMS	18	34	4
10BJ1A0472	R41043	DIGITAL IMAGE PROCESSING	18	33	4
10BJ1A0472	R41044	RADAR SYSTEMS	19	31	4
10BJ1A0472	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	43	4
10BJ1A0472	R41048	BIO-MEDICAL ENGINEERING	18	30	4
10BJ1A0472	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
10BJ1A0472	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	48	2
10BJ1A0473	R41041	OPTICAL COMMUNICATIONS	23	37	4
10BJ1A0473	R41042	EMBEDDED SYSTEMS	22	32	4
10BJ1A0473	R41043	DIGITAL IMAGE PROCESSING	20	49	4
10BJ1A0473	R41044	RADAR SYSTEMS	21	43	4
10BJ1A0473	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	21	49	4
10BJ1A0473	R41048	BIO-MEDICAL ENGINEERING	19	48	4
10BJ1A0473	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	50	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0473	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	50	2
10BJ1A0474	R41041	OPTICAL COMMUNICATIONS	23	36	4
10BJ1A0474	R41042	EMBEDDED SYSTEMS	17	32	4
10BJ1A0474	R41043	DIGITAL IMAGE PROCESSING	21	26	4
10BJ1A0474	R41044	RADAR SYSTEMS	20	43	4
10BJ1A0474	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	38	4
10BJ1A0474	R41048	BIO-MEDICAL ENGINEERING	18	29	4
10BJ1A0474	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	49	2
10BJ1A0474	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	50	2
10BJ1A0475	R41041	OPTICAL COMMUNICATIONS	25	37	4
10BJ1A0475	R41042	EMBEDDED SYSTEMS	19	50	4
10BJ1A0475	R41043	DIGITAL IMAGE PROCESSING	20	14	0
10BJ1A0475	R41044	RADAR SYSTEMS	19	44	4
10BJ1A0475	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	45	4
10BJ1A0475	R41048	BIO-MEDICAL ENGINEERING	17	38	4
10BJ1A0475	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
10BJ1A0475	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	48	2
10BJ1A0476	R41041	OPTICAL COMMUNICATIONS	24	65	4
10BJ1A0476	R41042	EMBEDDED SYSTEMS	17	51	4
10BJ1A0476	R41043	DIGITAL IMAGE PROCESSING	21	38	4
10BJ1A0476	R41044	RADAR SYSTEMS	21	44	4
10BJ1A0476	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	41	4
10BJ1A0476	R41048	BIO-MEDICAL ENGINEERING	20	26	4
10BJ1A0476	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	48	2
10BJ1A0476	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	48	2
10BJ1A0477	R41041	OPTICAL COMMUNICATIONS	22	38	4
10BJ1A0477	R41042	EMBEDDED SYSTEMS	16	26	4
10BJ1A0477	R41043	DIGITAL IMAGE PROCESSING	21	16	0
10BJ1A0477	R41044	RADAR SYSTEMS	19	19	0
10BJ1A0477	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	26	4
10BJ1A0477	R41048	BIO-MEDICAL ENGINEERING	18	31	4
10BJ1A0477	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	45	2
10BJ1A0477	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0478	R41041	OPTICAL COMMUNICATIONS	21	34	4
10BJ1A0478	R41042	EMBEDDED SYSTEMS	16	27	4
10BJ1A0478	R41043	DIGITAL IMAGE PROCESSING	20	26	4
10BJ1A0478	R41044	RADAR SYSTEMS	21	42	4
10BJ1A0478	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	33	4
10BJ1A0478	R41048	BIO-MEDICAL ENGINEERING	19	34	4
10BJ1A0478	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	43	2
10BJ1A0478	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	45	2
10BJ1A0479	R41041	OPTICAL COMMUNICATIONS	21	33	4
10BJ1A0479	R41042	EMBEDDED SYSTEMS	19	32	4
10BJ1A0479	R41043	DIGITAL IMAGE PROCESSING	19	26	4
10BJ1A0479	R41044	RADAR SYSTEMS	23	42	4
10BJ1A0479	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	40	4
10BJ1A0479	R41048	BIO-MEDICAL ENGINEERING	20	31	4
10BJ1A0479	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	46	2
10BJ1A0479	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0480	R41041	OPTICAL COMMUNICATIONS	22	46	4
10BJ1A0480	R41042	EMBEDDED SYSTEMS	20	40	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0480	R41043	DIGITAL IMAGE PROCESSING	21	35	4
10BJ1A0480	R41044	RADAR SYSTEMS	19	42	4
10BJ1A0480	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	41	4
10BJ1A0480	R41048	BIO-MEDICAL ENGINEERING	17	32	4
10BJ1A0480	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	48	2
10BJ1A0480	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	48	2
10BJ1A0481	R41041	OPTICAL COMMUNICATIONS	20	34	4
10BJ1A0481	R41042	EMBEDDED SYSTEMS	17	27	4
10BJ1A0481	R41043	DIGITAL IMAGE PROCESSING	20	26	4
10BJ1A0481	R41044	RADAR SYSTEMS	20	26	4
10BJ1A0481	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	26	4
10BJ1A0481	R41048	BIO-MEDICAL ENGINEERING	16	31	4
10BJ1A0481	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	45	2
10BJ1A0481	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	47	2
10BJ1A0482	R41041	OPTICAL COMMUNICATIONS	23	51	4
10BJ1A0482	R41042	EMBEDDED SYSTEMS	20	31	4
10BJ1A0482	R41043	DIGITAL IMAGE PROCESSING	19	28	4
10BJ1A0482	R41044	RADAR SYSTEMS	21	44	4
10BJ1A0482	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	42	4
10BJ1A0482	R41048	BIO-MEDICAL ENGINEERING	22	30	4
10BJ1A0482	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	46	2
10BJ1A0482	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	47	2
10BJ1A0483	R41041	OPTICAL COMMUNICATIONS	23	40	4
10BJ1A0483	R41042	EMBEDDED SYSTEMS	16	28	4
10BJ1A0483	R41043	DIGITAL IMAGE PROCESSING	20	36	4
10BJ1A0483	R41044	RADAR SYSTEMS	20	41	4
10BJ1A0483	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	43	4
10BJ1A0483	R41048	BIO-MEDICAL ENGINEERING	19	26	4
10BJ1A0483	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	45	2
10BJ1A0483	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	45	2
10BJ1A0484	R41041	OPTICAL COMMUNICATIONS	23	38	4
10BJ1A0484	R41042	EMBEDDED SYSTEMS	16	44	4
10BJ1A0484	R41043	DIGITAL IMAGE PROCESSING	19	26	4
10BJ1A0484	R41044	RADAR SYSTEMS	20	31	4
10BJ1A0484	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	26	4
10BJ1A0484	R41048	BIO-MEDICAL ENGINEERING	19	37	4
10BJ1A0484	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	46	2
10BJ1A0484	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	46	2
10BJ1A0485	R41041	OPTICAL COMMUNICATIONS	20	46	4
10BJ1A0485	R41042	EMBEDDED SYSTEMS	17	30	4
10BJ1A0485	R41043	DIGITAL IMAGE PROCESSING	18	32	4
10BJ1A0485	R41044	RADAR SYSTEMS	18	32	4
10BJ1A0485	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	38	4
10BJ1A0485	R41048	BIO-MEDICAL ENGINEERING	19	37	4
10BJ1A0485	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	45	2
10BJ1A0485	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	46	2
10BJ1A0486	R41041	OPTICAL COMMUNICATIONS	19	35	4
10BJ1A0486	R41042	EMBEDDED SYSTEMS	18	27	4
10BJ1A0486	R41043	DIGITAL IMAGE PROCESSING	19	26	4
10BJ1A0486	R41044	RADAR SYSTEMS	18	46	4
10BJ1A0486	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	37	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0486	R41048	BIO-MEDICAL ENGINEERING	16	38	4
10BJ1A0486	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	46	2
10BJ1A0486	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	46	2
10BJ1A0487	R41041	OPTICAL COMMUNICATIONS	20	42	4
10BJ1A0487	R41042	EMBEDDED SYSTEMS	18	37	4
10BJ1A0487	R41043	DIGITAL IMAGE PROCESSING	21	26	4
10BJ1A0487	R41044	RADAR SYSTEMS	19	49	4
10BJ1A0487	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	39	4
10BJ1A0487	R41048	BIO-MEDICAL ENGINEERING	17	41	4
10BJ1A0487	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	44	2
10BJ1A0487	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	47	2
10BJ1A0488	R41041	OPTICAL COMMUNICATIONS	19	36	4
10BJ1A0488	R41042	EMBEDDED SYSTEMS	16	37	4
10BJ1A0488	R41043	DIGITAL IMAGE PROCESSING	19	29	4
10BJ1A0488	R41044	RADAR SYSTEMS	20	35	4
10BJ1A0488	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	38	4
10BJ1A0488	R41048	BIO-MEDICAL ENGINEERING	19	36	4
10BJ1A0488	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	45	2
10BJ1A0488	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	45	2
10BJ1A0489	R41041	OPTICAL COMMUNICATIONS	21	35	4
10BJ1A0489	R41042	EMBEDDED SYSTEMS	15	35	4
10BJ1A0489	R41043	DIGITAL IMAGE PROCESSING	19	26	4
10BJ1A0489	R41044	RADAR SYSTEMS	21	44	4
10BJ1A0489	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	42	4
10BJ1A0489	R41048	BIO-MEDICAL ENGINEERING	18	38	4
10BJ1A0489	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	48	2
10BJ1A0489	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	45	2
10BJ1A0490	R41041	OPTICAL COMMUNICATIONS	20	38	4
10BJ1A0490	R41042	EMBEDDED SYSTEMS	16	35	4
10BJ1A0490	R41043	DIGITAL IMAGE PROCESSING	15	29	4
10BJ1A0490	R41044	RADAR SYSTEMS	21	41	4
10BJ1A0490	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	43	4
10BJ1A0490	R41048	BIO-MEDICAL ENGINEERING	21	29	4
10BJ1A0490	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	46	2
10BJ1A0490	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	46	2
10BJ1A0491	R41041	OPTICAL COMMUNICATIONS	21	45	4
10BJ1A0491	R41042	EMBEDDED SYSTEMS	19	26	4
10BJ1A0491	R41043	DIGITAL IMAGE PROCESSING	20	31	4
10BJ1A0491	R41044	RADAR SYSTEMS	20	41	4
10BJ1A0491	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	-1	0
10BJ1A0491	R41048	BIO-MEDICAL ENGINEERING	19	-1	0
10BJ1A0491	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	46	2
10BJ1A0491	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	45	2
10BJ1A0492	R41041	OPTICAL COMMUNICATIONS	25	41	4
10BJ1A0492	R41042	EMBEDDED SYSTEMS	17	39	4
10BJ1A0492	R41043	DIGITAL IMAGE PROCESSING	16	40	4
10BJ1A0492	R41044	RADAR SYSTEMS	18	41	4
10BJ1A0492	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	41	4
10BJ1A0492	R41048	BIO-MEDICAL ENGINEERING	17	31	4
10BJ1A0492	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
10BJ1A0492	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	47	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0493	R41041	OPTICAL COMMUNICATIONS	19	31	4
10BJ1A0493	R41042	EMBEDDED SYSTEMS	19	36	4
10BJ1A0493	R41043	DIGITAL IMAGE PROCESSING	18	14	0
10BJ1A0493	R41044	RADAR SYSTEMS	22	38	4
10BJ1A0493	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	34	4
10BJ1A0493	R41048	BIO-MEDICAL ENGINEERING	19	15	0
10BJ1A0493	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	45	2
10BJ1A0493	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	46	2
10BJ1A0494	R41041	OPTICAL COMMUNICATIONS	24	51	4
10BJ1A0494	R41042	EMBEDDED SYSTEMS	20	38	4
10BJ1A0494	R41043	DIGITAL IMAGE PROCESSING	21	30	4
10BJ1A0494	R41044	RADAR SYSTEMS	21	55	4
10BJ1A0494	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	19	58	4
10BJ1A0494	R41048	BIO-MEDICAL ENGINEERING	17	41	4
10BJ1A0494	R4104B	DIGITAL SIGNAL PROCESSING LAB	25	49	2
10BJ1A0494	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	49	2
10BJ1A0495	R41041	OPTICAL COMMUNICATIONS	22	45	4
10BJ1A0495	R41042	EMBEDDED SYSTEMS	18	26	4
10BJ1A0495	R41043	DIGITAL IMAGE PROCESSING	19	39	4
10BJ1A0495	R41044	RADAR SYSTEMS	19	41	4
10BJ1A0495	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	20	39	4
10BJ1A0495	R41048	BIO-MEDICAL ENGINEERING	18	26	4
10BJ1A0495	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	49	2
10BJ1A0495	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	50	2
10BJ1A0496	R41041	OPTICAL COMMUNICATIONS	16	39	4
10BJ1A0496	R41042	EMBEDDED SYSTEMS	18	36	4
10BJ1A0496	R41043	DIGITAL IMAGE PROCESSING	19	31	4
10BJ1A0496	R41044	RADAR SYSTEMS	19	29	4
10BJ1A0496	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	40	4
10BJ1A0496	R41048	BIO-MEDICAL ENGINEERING	18	43	4
10BJ1A0496	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
10BJ1A0496	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	46	2
10BJ1A0497	R41041	OPTICAL COMMUNICATIONS	22	48	4
10BJ1A0497	R41042	EMBEDDED SYSTEMS	17	31	4
10BJ1A0497	R41043	DIGITAL IMAGE PROCESSING	20	15	0
10BJ1A0497	R41044	RADAR SYSTEMS	20	40	4
10BJ1A0497	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	15	36	4
10BJ1A0497	R41048	BIO-MEDICAL ENGINEERING	17	29	4
10BJ1A0497	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	45	2
10BJ1A0497	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	21	45	2
10BJ1A0498	R41041	OPTICAL COMMUNICATIONS	18	32	4
10BJ1A0498	R41042	EMBEDDED SYSTEMS	16	31	4
10BJ1A0498	R41043	DIGITAL IMAGE PROCESSING	21	17	0
10BJ1A0498	R41044	RADAR SYSTEMS	22	36	4
10BJ1A0498	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	17	32	4
10BJ1A0498	R41048	BIO-MEDICAL ENGINEERING	17	30	4
10BJ1A0498	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	45	2
10BJ1A0498	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	46	2
10BJ1A0499	R41041	OPTICAL COMMUNICATIONS	20	45	4
10BJ1A0499	R41042	EMBEDDED SYSTEMS	18	34	4
10BJ1A0499	R41043	DIGITAL IMAGE PROCESSING	20	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0499	R41044	RADAR SYSTEMS	17	47	4
10BJ1A0499	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	46	4
10BJ1A0499	R41048	BIO-MEDICAL ENGINEERING	19	34	4
10BJ1A0499	R4104B	DIGITAL SIGNAL PROCESSING LAB	21	44	2
10BJ1A0499	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
10BJ1A04A0	R41041	OPTICAL COMMUNICATIONS	23	61	4
10BJ1A04A0	R41042	EMBEDDED SYSTEMS	17	43	4
10BJ1A04A0	R41043	DIGITAL IMAGE PROCESSING	19	33	4
10BJ1A04A0	R41044	RADAR SYSTEMS	21	44	4
10BJ1A04A0	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	39	4
10BJ1A04A0	R41048	BIO-MEDICAL ENGINEERING	19	39	4
10BJ1A04A0	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	44	2
10BJ1A04A0	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	45	2
10BJ1A04A1	R41041	OPTICAL COMMUNICATIONS	17	26	4
10BJ1A04A1	R41042	EMBEDDED SYSTEMS	16	32	4
10BJ1A04A1	R41043	DIGITAL IMAGE PROCESSING	18	26	4
10BJ1A04A1	R41044	RADAR SYSTEMS	20	32	4
10BJ1A04A1	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	32	4
10BJ1A04A1	R41048	BIO-MEDICAL ENGINEERING	17	18	0
10BJ1A04A1	R4104B	DIGITAL SIGNAL PROCESSING LAB	23	48	2
10BJ1A04A1	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	48	2
10BJ1A04A2	R41041	OPTICAL COMMUNICATIONS	19	46	4
10BJ1A04A2	R41042	EMBEDDED SYSTEMS	17	32	4
10BJ1A04A2	R41043	DIGITAL IMAGE PROCESSING	20	28	4
10BJ1A04A2	R41044	RADAR SYSTEMS	18	43	4
10BJ1A04A2	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	16	45	4
10BJ1A04A2	R41048	BIO-MEDICAL ENGINEERING	19	40	4
10BJ1A04A2	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	45	2
10BJ1A04A2	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	47	2
10BJ1A0501	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	26	4
10BJ1A0501	R41052	UML & DESIGN PATTERNS	14	26	4
10BJ1A0501	R41053	DATA WARE HOUSING AND DATA MINING	18	39	4
10BJ1A0501	R41054	MOBILE COMPUTING	19	33	4
10BJ1A0501	R41057	OPEN SOURCE SOFTWARE	17	26	4
10BJ1A0501	R4105B	SOFTWARE PROJECT MANAGEMENT	17	26	4
10BJ1A0501	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
10BJ1A0501	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
10BJ1A0502	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	31	4
10BJ1A0502	R41052	UML & DESIGN PATTERNS	18	31	4
10BJ1A0502	R41053	DATA WARE HOUSING AND DATA MINING	15	30	4
10BJ1A0502	R41054	MOBILE COMPUTING	15	34	4
10BJ1A0502	R41057	OPEN SOURCE SOFTWARE	16	27	4
10BJ1A0502	R4105B	SOFTWARE PROJECT MANAGEMENT	16	33	4
10BJ1A0502	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0502	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	49	2
10BJ1A0503	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	31	4
10BJ1A0503	R41052	UML & DESIGN PATTERNS	19	28	4
10BJ1A0503	R41053	DATA WARE HOUSING AND DATA MINING	18	40	4
10BJ1A0503	R41054	MOBILE COMPUTING	21	36	4
10BJ1A0503	R41057	OPEN SOURCE SOFTWARE	20	27	4
10BJ1A0503	R4105B	SOFTWARE PROJECT MANAGEMENT	21	36	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0503	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0503	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
10BJ1A0504	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	26	4
10BJ1A0504	R41052	UML & DESIGN PATTERNS	19	26	4
10BJ1A0504	R41053	DATA WARE HOUSING AND DATA MINING	17	33	4
10BJ1A0504	R41054	MOBILE COMPUTING	19	32	4
10BJ1A0504	R41057	OPEN SOURCE SOFTWARE	19	34	4
10BJ1A0504	R4105B	SOFTWARE PROJECT MANAGEMENT	19	36	4
10BJ1A0504	R4105E	UML & DESIGN PATTERNS LAB	25	49	2
10BJ1A0504	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	50	2
10BJ1A0505	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	32	4
10BJ1A0505	R41052	UML & DESIGN PATTERNS	20	36	4
10BJ1A0505	R41053	DATA WARE HOUSING AND DATA MINING	19	32	4
10BJ1A0505	R41054	MOBILE COMPUTING	19	43	4
10BJ1A0505	R41057	OPEN SOURCE SOFTWARE	17	31	4
10BJ1A0505	R4105B	SOFTWARE PROJECT MANAGEMENT	17	31	4
10BJ1A0505	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0505	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
10BJ1A0506	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	26	4
10BJ1A0506	R41052	UML & DESIGN PATTERNS	13	27	4
10BJ1A0506	R41053	DATA WARE HOUSING AND DATA MINING	17	33	4
10BJ1A0506	R41054	MOBILE COMPUTING	17	21	0
10BJ1A0506	R41057	OPEN SOURCE SOFTWARE	18	26	4
10BJ1A0506	R4105B	SOFTWARE PROJECT MANAGEMENT	14	30	4
10BJ1A0506	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
10BJ1A0506	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	38	2
10BJ1A0507	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	26	4
10BJ1A0507	R41052	UML & DESIGN PATTERNS	18	26	4
10BJ1A0507	R41053	DATA WARE HOUSING AND DATA MINING	19	32	4
10BJ1A0507	R41054	MOBILE COMPUTING	19	32	4
10BJ1A0507	R41057	OPEN SOURCE SOFTWARE	19	26	4
10BJ1A0507	R4105B	SOFTWARE PROJECT MANAGEMENT	17	39	4
10BJ1A0507	R4105E	UML & DESIGN PATTERNS LAB	24	46	2
10BJ1A0507	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
10BJ1A0508	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	31	4
10BJ1A0508	R41052	UML & DESIGN PATTERNS	18	44	4
10BJ1A0508	R41053	DATA WARE HOUSING AND DATA MINING	18	43	4
10BJ1A0508	R41054	MOBILE COMPUTING	19	43	4
10BJ1A0508	R41057	OPEN SOURCE SOFTWARE	18	27	4
10BJ1A0508	R4105B	SOFTWARE PROJECT MANAGEMENT	15	35	4
10BJ1A0508	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0508	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	50	2
10BJ1A0509	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	40	4
10BJ1A0509	R41052	UML & DESIGN PATTERNS	20	39	4
10BJ1A0509	R41053	DATA WARE HOUSING AND DATA MINING	18	41	4
10BJ1A0509	R41054	MOBILE COMPUTING	16	41	4
10BJ1A0509	R41057	OPEN SOURCE SOFTWARE	19	39	4
10BJ1A0509	R4105B	SOFTWARE PROJECT MANAGEMENT	20	40	4
10BJ1A0509	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0509	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
10BJ1A0510	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	27	4



Htno	Subcode	Subname	Internal	External	credits
10BJ1A0510	R41052	UML & DESIGN PATTERNS	19	26	4
10BJ1A0510	R41053	DATA WARE HOUSING AND DATA MINING	14	26	4
10BJ1A0510	R41054	MOBILE COMPUTING	20	18	0
10BJ1A0510	R41057	OPEN SOURCE SOFTWARE	15	20	0
10BJ1A0510	R4105B	SOFTWARE PROJECT MANAGEMENT	14	26	4
10BJ1A0510	R4105E	UML & DESIGN PATTERNS LAB	24	48	2
10BJ1A0510	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
10BJ1A0511	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	30	4
10BJ1A0511	R41052	UML & DESIGN PATTERNS	19	26	4
10BJ1A0511	R41053	DATA WARE HOUSING AND DATA MINING	16	30	4
10BJ1A0511	R41054	MOBILE COMPUTING	17	36	4
10BJ1A0511	R41057	OPEN SOURCE SOFTWARE	12	32	4
10BJ1A0511	R4105B	SOFTWARE PROJECT MANAGEMENT	15	33	4
10BJ1A0511	R4105E	UML & DESIGN PATTERNS LAB	24	48	2
10BJ1A0511	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	49	2
10BJ1A0512	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	35	4
10BJ1A0512	R41052	UML & DESIGN PATTERNS	20	39	4
10BJ1A0512	R41053	DATA WARE HOUSING AND DATA MINING	19	48	4
10BJ1A0512	R41054	MOBILE COMPUTING	23	35	4
10BJ1A0512	R41057	OPEN SOURCE SOFTWARE	20	35	4
10BJ1A0512	R4105B	SOFTWARE PROJECT MANAGEMENT	18	32	4
10BJ1A0512	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0512	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
10BJ1A0513	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	26	4
10BJ1A0513	R41052	UML & DESIGN PATTERNS	18	31	4
10BJ1A0513	R41053	DATA WARE HOUSING AND DATA MINING	17	37	4
10BJ1A0513	R41054	MOBILE COMPUTING	19	33	4
10BJ1A0513	R41057	OPEN SOURCE SOFTWARE	16	32	4
10BJ1A0513	R4105B	SOFTWARE PROJECT MANAGEMENT	16	36	4
10BJ1A0513	R4105E	UML & DESIGN PATTERNS LAB	24	48	2
10BJ1A0513	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
10BJ1A0514	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	37	4
10BJ1A0514	R41052	UML & DESIGN PATTERNS	19	34	4
10BJ1A0514	R41053	DATA WARE HOUSING AND DATA MINING	17	26	4
10BJ1A0514	R41054	MOBILE COMPUTING	17	41	4
10BJ1A0514	R41057	OPEN SOURCE SOFTWARE	18	27	4
10BJ1A0514	R4105B	SOFTWARE PROJECT MANAGEMENT	16	39	4
10BJ1A0514	R4105E	UML & DESIGN PATTERNS LAB	25	49	2
10BJ1A0514	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
10BJ1A0515	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	30	4
10BJ1A0515	R41052	UML & DESIGN PATTERNS	20	26	4
10BJ1A0515	R41053	DATA WARE HOUSING AND DATA MINING	17	42	4
10BJ1A0515	R41054	MOBILE COMPUTING	17	40	4
10BJ1A0515	R41057	OPEN SOURCE SOFTWARE	18	33	4
10BJ1A0515	R4105B	SOFTWARE PROJECT MANAGEMENT	17	28	4
10BJ1A0515	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0515	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	49	2
10BJ1A0517	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	36	4
10BJ1A0517	R41052	UML & DESIGN PATTERNS	21	47	4
10BJ1A0517	R41053	DATA WARE HOUSING AND DATA MINING	17	38	4
10BJ1A0517	R41054	MOBILE COMPUTING	23	41	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0517	R41057	OPEN SOURCE SOFTWARE	20	43	4
10BJ1A0517	R4105B	SOFTWARE PROJECT MANAGEMENT	17	39	4
10BJ1A0517	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0517	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
10BJ1A0519	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	36	4
10BJ1A0519	R41052	UML & DESIGN PATTERNS	19	29	4
10BJ1A0519	R41053	DATA WARE HOUSING AND DATA MINING	16	28	4
10BJ1A0519	R41054	MOBILE COMPUTING	18	38	4
10BJ1A0519	R41057	OPEN SOURCE SOFTWARE	16	35	4
10BJ1A0519	R4105B	SOFTWARE PROJECT MANAGEMENT	17	38	4
10BJ1A0519	R4105E	UML & DESIGN PATTERNS LAB	24	49	2
10BJ1A0519	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	48	2
10BJ1A0520	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	30	4
10BJ1A0520	R41052	UML & DESIGN PATTERNS	15	21	0
10BJ1A0520	R41053	DATA WARE HOUSING AND DATA MINING	19	39	4
10BJ1A0520	R41054	MOBILE COMPUTING	18	38	4
10BJ1A0520	R41057	OPEN SOURCE SOFTWARE	19	26	4
10BJ1A0520	R4105B	SOFTWARE PROJECT MANAGEMENT	16	42	4
10BJ1A0520	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
10BJ1A0520	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
10BJ1A0521	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	4
10BJ1A0521	R41052	UML & DESIGN PATTERNS	19	20	0
10BJ1A0521	R41053	DATA WARE HOUSING AND DATA MINING	17	44	4
10BJ1A0521	R41054	MOBILE COMPUTING	18	38	4
10BJ1A0521	R41057	OPEN SOURCE SOFTWARE	15	26	4
10BJ1A0521	R4105B	SOFTWARE PROJECT MANAGEMENT	13	39	4
10BJ1A0521	R4105E	UML & DESIGN PATTERNS LAB	24	46	2
10BJ1A0521	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
10BJ1A0522	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	29	4
10BJ1A0522	R41052	UML & DESIGN PATTERNS	16	37	4
10BJ1A0522	R41053	DATA WARE HOUSING AND DATA MINING	17	38	4
10BJ1A0522	R41054	MOBILE COMPUTING	18	37	4
10BJ1A0522	R41057	OPEN SOURCE SOFTWARE	20	29	4
10BJ1A0522	R4105B	SOFTWARE PROJECT MANAGEMENT	15	26	4
10BJ1A0522	R4105E	UML & DESIGN PATTERNS LAB	25	46	2
10BJ1A0522	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
10BJ1A0523	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	15	0
10BJ1A0523	R41052	UML & DESIGN PATTERNS	13	27	4
10BJ1A0523	R41053	DATA WARE HOUSING AND DATA MINING	15	31	4
10BJ1A0523	R41054	MOBILE COMPUTING	18	40	4
10BJ1A0523	R41057	OPEN SOURCE SOFTWARE	19	27	4
10BJ1A0523	R4105B	SOFTWARE PROJECT MANAGEMENT	15	21	0
10BJ1A0523	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
10BJ1A0523	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	45	2
10BJ1A0524	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	15	0
10BJ1A0524	R41052	UML & DESIGN PATTERNS	13	20	0
10BJ1A0524	R41053	DATA WARE HOUSING AND DATA MINING	14	33	4
10BJ1A0524	R41054	MOBILE COMPUTING	18	28	4
10BJ1A0524	R41057	OPEN SOURCE SOFTWARE	17	29	4
10BJ1A0524	R4105B	SOFTWARE PROJECT MANAGEMENT	17	35	4
10BJ1A0524	R4105E	UML & DESIGN PATTERNS LAB	22	44	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0524	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
10BJ1A0525	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	35	4
10BJ1A0525	R41052	UML & DESIGN PATTERNS	15	33	4
10BJ1A0525	R41053	DATA WARE HOUSING AND DATA MINING	17	28	4
10BJ1A0525	R41054	MOBILE COMPUTING	15	33	4
10BJ1A0525	R41057	OPEN SOURCE SOFTWARE	20	28	4
10BJ1A0525	R4105B	SOFTWARE PROJECT MANAGEMENT	14	36	4
10BJ1A0525	R4105E	UML & DESIGN PATTERNS LAB	24	48	2
10BJ1A0525	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
10BJ1A0526	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	4
10BJ1A0526	R41052	UML & DESIGN PATTERNS	18	15	0
10BJ1A0526	R41053	DATA WARE HOUSING AND DATA MINING	14	26	4
10BJ1A0526	R41054	MOBILE COMPUTING	18	31	4
10BJ1A0526	R41057	OPEN SOURCE SOFTWARE	14	28	4
10BJ1A0526	R4105B	SOFTWARE PROJECT MANAGEMENT	13	19	0
10BJ1A0526	R4105E	UML & DESIGN PATTERNS LAB	25	45	2
10BJ1A0526	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	46	2
10BJ1A0527	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	26	4
10BJ1A0527	R41052	UML & DESIGN PATTERNS	17	29	4
10BJ1A0527	R41053	DATA WARE HOUSING AND DATA MINING	17	38	4
10BJ1A0527	R41054	MOBILE COMPUTING	19	37	4
10BJ1A0527	R41057	OPEN SOURCE SOFTWARE	17	34	4
10BJ1A0527	R4105B	SOFTWARE PROJECT MANAGEMENT	13	27	4
10BJ1A0527	R4105E	UML & DESIGN PATTERNS LAB	23	46	2
10BJ1A0527	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	45	2
10BJ1A0528	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	26	4
10BJ1A0528	R41052	UML & DESIGN PATTERNS	15	20	0
10BJ1A0528	R41053	DATA WARE HOUSING AND DATA MINING	20	26	4
10BJ1A0528	R41054	MOBILE COMPUTING	18	27	4
10BJ1A0528	R41057	OPEN SOURCE SOFTWARE	16	30	4
10BJ1A0528	R4105B	SOFTWARE PROJECT MANAGEMENT	14	32	4
10BJ1A0528	R4105E	UML & DESIGN PATTERNS LAB	24	49	2
10BJ1A0528	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
10BJ1A0531	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	13	0
10BJ1A0531	R41052	UML & DESIGN PATTERNS	15	4	0
10BJ1A0531	R41053	DATA WARE HOUSING AND DATA MINING	14	25	0
10BJ1A0531	R41054	MOBILE COMPUTING	14	18	0
10BJ1A0531	R41057	OPEN SOURCE SOFTWARE	13	14	0
10BJ1A0531	R4105B	SOFTWARE PROJECT MANAGEMENT	13	20	0
10BJ1A0531	R4105E	UML & DESIGN PATTERNS LAB	21	42	2
10BJ1A0531	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
10BJ1A0532	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	31	4
10BJ1A0532	R41052	UML & DESIGN PATTERNS	15	27	4
10BJ1A0532	R41053	DATA WARE HOUSING AND DATA MINING	17	36	4
10BJ1A0532	R41054	MOBILE COMPUTING	20	35	4
10BJ1A0532	R41057	OPEN SOURCE SOFTWARE	21	33	4
10BJ1A0532	R4105B	SOFTWARE PROJECT MANAGEMENT	14	34	4
10BJ1A0532	R4105E	UML & DESIGN PATTERNS LAB	22	44	2
10BJ1A0532	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
10BJ1A0533	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	13	0
10BJ1A0533	R41052	UML & DESIGN PATTERNS	13	27	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0533	R41053	DATA WARE HOUSING AND DATA MINING	14	27	4
10BJ1A0533	R41054	MOBILE COMPUTING	19	14	0
10BJ1A0533	R41057	OPEN SOURCE SOFTWARE	17	9	0
10BJ1A0533	R4105B	SOFTWARE PROJECT MANAGEMENT	14	26	4
10BJ1A0533	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
10BJ1A0533	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	37	2
10BJ1A0534	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	32	4
10BJ1A0534	R41052	UML & DESIGN PATTERNS	18	27	4
10BJ1A0534	R41053	DATA WARE HOUSING AND DATA MINING	17	32	4
10BJ1A0534	R41054	MOBILE COMPUTING	17	32	4
10BJ1A0534	R41057	OPEN SOURCE SOFTWARE	14	41	4
10BJ1A0534	R4105B	SOFTWARE PROJECT MANAGEMENT	13	32	4
10BJ1A0534	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0534	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	24	50	2
10BJ1A0535	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	17	0
10BJ1A0535	R41052	UML & DESIGN PATTERNS	15	14	0
10BJ1A0535	R41053	DATA WARE HOUSING AND DATA MINING	14	19	0
10BJ1A0535	R41054	MOBILE COMPUTING	13	17	0
10BJ1A0535	R41057	OPEN SOURCE SOFTWARE	16	14	0
10BJ1A0535	R4105B	SOFTWARE PROJECT MANAGEMENT	13	14	0
10BJ1A0535	R4105E	UML & DESIGN PATTERNS LAB	21	30	2
10BJ1A0535	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	30	2
10BJ1A0536	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	12	0
10BJ1A0536	R41052	UML & DESIGN PATTERNS	16	26	4
10BJ1A0536	R41053	DATA WARE HOUSING AND DATA MINING	9	20	0
10BJ1A0536	R41054	MOBILE COMPUTING	15	26	4
10BJ1A0536	R41057	OPEN SOURCE SOFTWARE	13	21	0
10BJ1A0536	R4105B	SOFTWARE PROJECT MANAGEMENT	16	27	4
10BJ1A0536	R4105E	UML & DESIGN PATTERNS LAB	24	44	2
10BJ1A0536	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	43	2
10BJ1A0537	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	11	0
10BJ1A0537	R41052	UML & DESIGN PATTERNS	14	30	4
10BJ1A0537	R41053	DATA WARE HOUSING AND DATA MINING	17	34	4
10BJ1A0537	R41054	MOBILE COMPUTING	18	27	4
10BJ1A0537	R41057	OPEN SOURCE SOFTWARE	17	26	4
10BJ1A0537	R4105B	SOFTWARE PROJECT MANAGEMENT	14	26	4
10BJ1A0537	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
10BJ1A0537	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	37	2
10BJ1A0538	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	33	4
10BJ1A0538	R41052	UML & DESIGN PATTERNS	17	27	4
10BJ1A0538	R41053	DATA WARE HOUSING AND DATA MINING	17	37	4
10BJ1A0538	R41054	MOBILE COMPUTING	19	35	4
10BJ1A0538	R41057	OPEN SOURCE SOFTWARE	18	35	4
10BJ1A0538	R4105B	SOFTWARE PROJECT MANAGEMENT	16	28	4
10BJ1A0538	R4105E	UML & DESIGN PATTERNS LAB	24	49	2
10BJ1A0538	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
10BJ1A0539	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	27	4
10BJ1A0539	R41052	UML & DESIGN PATTERNS	16	26	4
10BJ1A0539	R41053	DATA WARE HOUSING AND DATA MINING	16	30	4
10BJ1A0539	R41054	MOBILE COMPUTING	16	26	4
10BJ1A0539	R41057	OPEN SOURCE SOFTWARE	17	35	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0539	R4105B	SOFTWARE PROJECT MANAGEMENT	13	32	4
10BJ1A0539	R4105E	UML & DESIGN PATTERNS LAB	24	47	2
10BJ1A0539	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	46	2
10BJ1A0540	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	21	0
10BJ1A0540	R41052	UML & DESIGN PATTERNS	14	14	0
10BJ1A0540	R41053	DATA WARE HOUSING AND DATA MINING	16	12	0
10BJ1A0540	R41054	MOBILE COMPUTING	12	20	0
10BJ1A0540	R41057	OPEN SOURCE SOFTWARE	13	13	0
10BJ1A0540	R4105B	SOFTWARE PROJECT MANAGEMENT	17	23	0
10BJ1A0540	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
10BJ1A0540	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	37	2
10BJ1A0541	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	20	0
10BJ1A0541	R41052	UML & DESIGN PATTERNS	15	18	0
10BJ1A0541	R41053	DATA WARE HOUSING AND DATA MINING	13	25	0
10BJ1A0541	R41054	MOBILE COMPUTING	14	18	0
10BJ1A0541	R41057	OPEN SOURCE SOFTWARE	17	12	0
10BJ1A0541	R4105B	SOFTWARE PROJECT MANAGEMENT	13	19	0
10BJ1A0541	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
10BJ1A0541	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	38	2
10BJ1A0542	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	31	4
10BJ1A0542	R41052	UML & DESIGN PATTERNS	18	35	4
10BJ1A0542	R41053	DATA WARE HOUSING AND DATA MINING	16	31	4
10BJ1A0542	R41054	MOBILE COMPUTING	19	31	4
10BJ1A0542	R41057	OPEN SOURCE SOFTWARE	18	28	4
10BJ1A0542	R4105B	SOFTWARE PROJECT MANAGEMENT	17	28	4
10BJ1A0542	R4105E	UML & DESIGN PATTERNS LAB	23	44	2
10BJ1A0542	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	24	45	2
10BJ1A0543	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	26	4
10BJ1A0543	R41052	UML & DESIGN PATTERNS	19	28	4
10BJ1A0543	R41053	DATA WARE HOUSING AND DATA MINING	18	35	4
10BJ1A0543	R41054	MOBILE COMPUTING	19	26	4
10BJ1A0543	R41057	OPEN SOURCE SOFTWARE	20	35	4
10BJ1A0543	R4105B	SOFTWARE PROJECT MANAGEMENT	18	41	4
10BJ1A0543	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0543	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
10BJ1A0544	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	34	4
10BJ1A0544	R41052	UML & DESIGN PATTERNS	15	26	4
10BJ1A0544	R41053	DATA WARE HOUSING AND DATA MINING	19	29	4
10BJ1A0544	R41054	MOBILE COMPUTING	16	30	4
10BJ1A0544	R41057	OPEN SOURCE SOFTWARE	18	26	4
10BJ1A0544	R4105B	SOFTWARE PROJECT MANAGEMENT	17	29	4
10BJ1A0544	R4105E	UML & DESIGN PATTERNS LAB	22	46	2
10BJ1A0544	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2
10BJ1A0561	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	4
10BJ1A0561	R41052	UML & DESIGN PATTERNS	17	32	4
10BJ1A0561	R41053	DATA WARE HOUSING AND DATA MINING	19	41	4
10BJ1A0561	R41054	MOBILE COMPUTING	17	26	4
10BJ1A0561	R41057	OPEN SOURCE SOFTWARE	18	32	4
10BJ1A0561	R4105B	SOFTWARE PROJECT MANAGEMENT	17	31	4
10BJ1A0561	R4105E	UML & DESIGN PATTERNS LAB	25	45	2
10BJ1A0561	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	48	2

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0562	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	26	4
10BJ1A0562	R41052	UML & DESIGN PATTERNS	20	26	4
10BJ1A0562	R41053	DATA WARE HOUSING AND DATA MINING	17	26	4
10BJ1A0562	R41054	MOBILE COMPUTING	18	26	4
10BJ1A0562	R41057	OPEN SOURCE SOFTWARE	16	32	4
10BJ1A0562	R4105B	SOFTWARE PROJECT MANAGEMENT	17	31	4
10BJ1A0562	R4105E	UML & DESIGN PATTERNS LAB	24	48	2
10BJ1A0562	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	47	2
10BJ1A0563	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	26	4
10BJ1A0563	R41052	UML & DESIGN PATTERNS	15	26	4
10BJ1A0563	R41053	DATA WARE HOUSING AND DATA MINING	15	26	4
10BJ1A0563	R41054	MOBILE COMPUTING	18	26	4
10BJ1A0563	R41057	OPEN SOURCE SOFTWARE	18	16	0
10BJ1A0563	R4105B	SOFTWARE PROJECT MANAGEMENT	14	31	4
10BJ1A0563	R4105E	UML & DESIGN PATTERNS LAB	25	46	2
10BJ1A0563	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
10BJ1A0564	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	28	4
10BJ1A0564	R41052	UML & DESIGN PATTERNS	14	16	0
10BJ1A0564	R41053	DATA WARE HOUSING AND DATA MINING	16	18	0
10BJ1A0564	R41054	MOBILE COMPUTING	15	31	4
10BJ1A0564	R41057	OPEN SOURCE SOFTWARE	16	26	4
10BJ1A0564	R4105B	SOFTWARE PROJECT MANAGEMENT	12	29	4
10BJ1A0564	R4105E	UML & DESIGN PATTERNS LAB	21	42	2
10BJ1A0564	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
10BJ1A0565	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	28	4
10BJ1A0565	R41052	UML & DESIGN PATTERNS	19	29	4
10BJ1A0565	R41053	DATA WARE HOUSING AND DATA MINING	17	37	4
10BJ1A0565	R41054	MOBILE COMPUTING	18	27	4
10BJ1A0565	R41057	OPEN SOURCE SOFTWARE	18	41	4
10BJ1A0565	R4105B	SOFTWARE PROJECT MANAGEMENT	15	36	4
10BJ1A0565	R4105E	UML & DESIGN PATTERNS LAB	25	49	2
10BJ1A0565	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	48	2
10BJ1A0566	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	14	0
10BJ1A0566	R41052	UML & DESIGN PATTERNS	17	30	4
10BJ1A0566	R41053	DATA WARE HOUSING AND DATA MINING	15	33	4
10BJ1A0566	R41054	MOBILE COMPUTING	14	34	4
10BJ1A0566	R41057	OPEN SOURCE SOFTWARE	14	35	4
10BJ1A0566	R4105B	SOFTWARE PROJECT MANAGEMENT	12	32	4
10BJ1A0566	R4105E	UML & DESIGN PATTERNS LAB	23	46	2
10BJ1A0566	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
10BJ1A0567	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	19	0
10BJ1A0567	R41052	UML & DESIGN PATTERNS	16	14	0
10BJ1A0567	R41053	DATA WARE HOUSING AND DATA MINING	13	24	0
10BJ1A0567	R41054	MOBILE COMPUTING	17	21	0
10BJ1A0567	R41057	OPEN SOURCE SOFTWARE	19	16	0
10BJ1A0567	R4105B	SOFTWARE PROJECT MANAGEMENT	14	19	0
10BJ1A0567	R4105E	UML & DESIGN PATTERNS LAB	21	36	2
10BJ1A0567	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	38	2
10BJ1A0569	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	14	0
10BJ1A0569	R41052	UML & DESIGN PATTERNS	17	26	4
10BJ1A0569	R41053	DATA WARE HOUSING AND DATA MINING	15	33	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0569	R41054	MOBILE COMPUTING	17	29	4
10BJ1A0569	R41057	OPEN SOURCE SOFTWARE	18	26	4
10BJ1A0569	R4105B	SOFTWARE PROJECT MANAGEMENT	15	19	0
10BJ1A0569	R4105E	UML & DESIGN PATTERNS LAB	24	47	2
10BJ1A0569	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	48	2
10BJ1A0570	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	13	0
10BJ1A0570	R41052	UML & DESIGN PATTERNS	15	9	0
10BJ1A0570	R41053	DATA WARE HOUSING AND DATA MINING	14	14	0
10BJ1A0570	R41054	MOBILE COMPUTING	19	8	0
10BJ1A0570	R41057	OPEN SOURCE SOFTWARE	14	15	0
10BJ1A0570	R4105B	SOFTWARE PROJECT MANAGEMENT	15	9	0
10BJ1A0570	R4105E	UML & DESIGN PATTERNS LAB	23	44	2
10BJ1A0570	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	43	2
10BJ1A0571	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	32	4
10BJ1A0571	R41052	UML & DESIGN PATTERNS	18	13	0
10BJ1A0571	R41053	DATA WARE HOUSING AND DATA MINING	14	31	4
10BJ1A0571	R41054	MOBILE COMPUTING	17	28	4
10BJ1A0571	R41057	OPEN SOURCE SOFTWARE	17	27	4
10BJ1A0571	R4105B	SOFTWARE PROJECT MANAGEMENT	13	28	4
10BJ1A0571	R4105E	UML & DESIGN PATTERNS LAB	22	42	2
10BJ1A0571	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	42	2
10BJ1A0572	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	17	0
10BJ1A0572	R41052	UML & DESIGN PATTERNS	15	26	4
10BJ1A0572	R41053	DATA WARE HOUSING AND DATA MINING	14	31	4
10BJ1A0572	R41054	MOBILE COMPUTING	17	26	4
10BJ1A0572	R41057	OPEN SOURCE SOFTWARE	15	26	4
10BJ1A0572	R4105B	SOFTWARE PROJECT MANAGEMENT	16	26	4
10BJ1A0572	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
10BJ1A0572	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
10BJ1A0573	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	13	0
10BJ1A0573	R41052	UML & DESIGN PATTERNS	14	26	4
10BJ1A0573	R41053	DATA WARE HOUSING AND DATA MINING	14	33	4
10BJ1A0573	R41054	MOBILE COMPUTING	16	32	4
10BJ1A0573	R41057	OPEN SOURCE SOFTWARE	14	26	4
10BJ1A0573	R4105B	SOFTWARE PROJECT MANAGEMENT	15	35	4
10BJ1A0573	R4105E	UML & DESIGN PATTERNS LAB	21	42	2
10BJ1A0573	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	42	2
10BJ1A0574	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	14	0
10BJ1A0574	R41052	UML & DESIGN PATTERNS	17	21	0
10BJ1A0574	R41053	DATA WARE HOUSING AND DATA MINING	17	18	0
10BJ1A0574	R41054	MOBILE COMPUTING	19	15	0
10BJ1A0574	R41057	OPEN SOURCE SOFTWARE	20	21	0
10BJ1A0574	R4105B	SOFTWARE PROJECT MANAGEMENT	13	28	4
10BJ1A0574	R4105E	UML & DESIGN PATTERNS LAB	22	44	2
10BJ1A0574	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	24	49	2
10BJ1A0576	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	29	4
10BJ1A0576	R41052	UML & DESIGN PATTERNS	21	26	4
10BJ1A0576	R41053	DATA WARE HOUSING AND DATA MINING	15	26	4
10BJ1A0576	R41054	MOBILE COMPUTING	21	29	4
10BJ1A0576	R41057	OPEN SOURCE SOFTWARE	18	26	4
10BJ1A0576	R4105B	SOFTWARE PROJECT MANAGEMENT	17	27	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0576	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0576	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	50	2
10BJ1A0577	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	19	0
10BJ1A0577	R41052	UML & DESIGN PATTERNS	13	13	0
10BJ1A0577	R41053	DATA WARE HOUSING AND DATA MINING	16	28	4
10BJ1A0577	R41054	MOBILE COMPUTING	19	20	0
10BJ1A0577	R41057	OPEN SOURCE SOFTWARE	17	11	0
10BJ1A0577	R4105B	SOFTWARE PROJECT MANAGEMENT	15	18	0
10BJ1A0577	R4105E	UML & DESIGN PATTERNS LAB	23	42	2
10BJ1A0577	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	24	43	2
10BJ1A0578	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	4	0
10BJ1A0578	R41052	UML & DESIGN PATTERNS	15	14	0
10BJ1A0578	R41053	DATA WARE HOUSING AND DATA MINING	13	17	0
10BJ1A0578	R41054	MOBILE COMPUTING	17	25	0
10BJ1A0578	R41057	OPEN SOURCE SOFTWARE	17	11	0
10BJ1A0578	R4105B	SOFTWARE PROJECT MANAGEMENT	14	14	0
10BJ1A0578	R4105E	UML & DESIGN PATTERNS LAB	22	44	2
10BJ1A0578	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
10BJ1A0579	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	26	4
10BJ1A0579	R41052	UML & DESIGN PATTERNS	14	26	4
10BJ1A0579	R41053	DATA WARE HOUSING AND DATA MINING	16	31	4
10BJ1A0579	R41054	MOBILE COMPUTING	20	19	0
10BJ1A0579	R41057	OPEN SOURCE SOFTWARE	19	16	0
10BJ1A0579	R4105B	SOFTWARE PROJECT MANAGEMENT	17	30	4
10BJ1A0579	R4105E	UML & DESIGN PATTERNS LAB	21	46	2
10BJ1A0579	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
10BJ1A0580	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	30	4
10BJ1A0580	R41052	UML & DESIGN PATTERNS	15	20	0
10BJ1A0580	R41053	DATA WARE HOUSING AND DATA MINING	13	27	4
10BJ1A0580	R41054	MOBILE COMPUTING	19	26	4
10BJ1A0580	R41057	OPEN SOURCE SOFTWARE	13	27	4
10BJ1A0580	R4105B	SOFTWARE PROJECT MANAGEMENT	13	29	4
10BJ1A0580	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
10BJ1A0580	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	41	2
10BJ1A0581	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	10	0
10BJ1A0581	R41052	UML & DESIGN PATTERNS	12	13	0
10BJ1A0581	R41053	DATA WARE HOUSING AND DATA MINING	13	15	0
10BJ1A0581	R41054	MOBILE COMPUTING	20	20	0
10BJ1A0581	R41057	OPEN SOURCE SOFTWARE	13	17	0
10BJ1A0581	R4105B	SOFTWARE PROJECT MANAGEMENT	16	13	0
10BJ1A0581	R4105E	UML & DESIGN PATTERNS LAB	21	44	2
10BJ1A0581	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	43	2
10BJ1A0582	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	16	9	0
10BJ1A0582	R41052	UML & DESIGN PATTERNS	13	17	0
10BJ1A0582	R41053	DATA WARE HOUSING AND DATA MINING	14	34	4
10BJ1A0582	R41054	MOBILE COMPUTING	14	29	4
10BJ1A0582	R41057	OPEN SOURCE SOFTWARE	16	7	0
10BJ1A0582	R4105B	SOFTWARE PROJECT MANAGEMENT	14	26	4
10BJ1A0582	R4105E	UML & DESIGN PATTERNS LAB	21	38	2
10BJ1A0582	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
10BJ1A0583	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	14	0



Htno	Subcode	Subname	Internal	External	credits
10BJ1A0583	R41052	UML & DESIGN PATTERNS	15	26	4
10BJ1A0583	R41053	DATA WARE HOUSING AND DATA MINING	14	31	4
10BJ1A0583	R41054	MOBILE COMPUTING	14	27	4
10BJ1A0583	R41057	OPEN SOURCE SOFTWARE	18	26	4
10BJ1A0583	R4105B	SOFTWARE PROJECT MANAGEMENT	13	27	4
10BJ1A0583	R4105E	UML & DESIGN PATTERNS LAB	20	44	2
10BJ1A0583	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	20	43	2
10BJ1A0584	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	4
10BJ1A0584	R41052	UML & DESIGN PATTERNS	13	27	4
10BJ1A0584	R41053	DATA WARE HOUSING AND DATA MINING	13	27	4
10BJ1A0584	R41054	MOBILE COMPUTING	14	26	4
10BJ1A0584	R41057	OPEN SOURCE SOFTWARE	16	17	0
10BJ1A0584	R4105B	SOFTWARE PROJECT MANAGEMENT	14	27	4
10BJ1A0584	R4105E	UML & DESIGN PATTERNS LAB	21	40	2
10BJ1A0584	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	40	2
10BJ1A0585	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	17	-1	0
10BJ1A0585	R41052	UML & DESIGN PATTERNS	19	26	4
10BJ1A0585	R41053	DATA WARE HOUSING AND DATA MINING	18	42	4
10BJ1A0585	R41054	MOBILE COMPUTING	22	32	4
10BJ1A0585	R41057	OPEN SOURCE SOFTWARE	17	32	4
10BJ1A0585	R4105B	SOFTWARE PROJECT MANAGEMENT	15	27	4
10BJ1A0585	R4105E	UML & DESIGN PATTERNS LAB	25	50	2
10BJ1A0585	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	25	49	2
10BJ1A0586	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	18	12	0
10BJ1A0586	R41052	UML & DESIGN PATTERNS	18	26	4
10BJ1A0586	R41053	DATA WARE HOUSING AND DATA MINING	17	26	4
10BJ1A0586	R41054	MOBILE COMPUTING	21	20	0
10BJ1A0586	R41057	OPEN SOURCE SOFTWARE	17	26	4
10BJ1A0586	R4105B	SOFTWARE PROJECT MANAGEMENT	17	40	4
10BJ1A0586	R4105E	UML & DESIGN PATTERNS LAB	24	48	2
10BJ1A0586	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	49	2
10BJ1A0587	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	15	26	4
10BJ1A0587	R41052	UML & DESIGN PATTERNS	16	26	4
10BJ1A0587	R41053	DATA WARE HOUSING AND DATA MINING	14	34	4
10BJ1A0587	R41054	MOBILE COMPUTING	17	30	4
10BJ1A0587	R41057	OPEN SOURCE SOFTWARE	16	27	4
10BJ1A0587	R4105B	SOFTWARE PROJECT MANAGEMENT	14	30	4
10BJ1A0587	R4105E	UML & DESIGN PATTERNS LAB	21	44	2
10BJ1A0587	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	22	45	2
10BJ1A0588	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	18	0
10BJ1A0588	R41052	UML & DESIGN PATTERNS	14	17	0
10BJ1A0588	R41053	DATA WARE HOUSING AND DATA MINING	13	22	0
10BJ1A0588	R41054	MOBILE COMPUTING	10	25	0
10BJ1A0588	R41057	OPEN SOURCE SOFTWARE	15	21	0
10BJ1A0588	R4105B	SOFTWARE PROJECT MANAGEMENT	15	23	0
10BJ1A0588	R4105E	UML & DESIGN PATTERNS LAB	21	36	2
10BJ1A0588	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	32	2
10BJ1A0589	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	13	27	4
10BJ1A0589	R41052	UML & DESIGN PATTERNS	15	16	0
10BJ1A0589	R41053	DATA WARE HOUSING AND DATA MINING	15	26	4
10BJ1A0589	R41054	MOBILE COMPUTING	18	26	4

Htno	Subcode	Subname	Internal	External	credits
10BJ1A0589	R41057	OPEN SOURCE SOFTWARE	15	26	4
10BJ1A0589	R4105B	SOFTWARE PROJECT MANAGEMENT	14	13	0
10BJ1A0589	R4105E	UML & DESIGN PATTERNS LAB	22	44	2
10BJ1A0589	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	21	45	2
11BJ5A0201	R41021	COMPUTER ORGANIZATION	17	13	0
11BJ5A0201	R41022	HIGH VOLTAGE ENGINEERING	19	32	4
11BJ5A0201	R41023	SWITCH GEAR & PROTECTION	17	32	4
11BJ5A0201	R41024	POWER SYSTEM OPERATION & CONTROL	21	32	4
11BJ5A0201	R41026	INSTRUMENTATION	20	9	0
11BJ5A0201	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	41	4
11BJ5A0201	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	24	48	2
11BJ5A0201	R4102D	ELECTRICAL SIMULATION LAB	24	48	2
11BJ5A0202	R41021	COMPUTER ORGANIZATION	20	38	4
11BJ5A0202	R41022	HIGH VOLTAGE ENGINEERING	17	17	0
11BJ5A0202	R41023	SWITCH GEAR & PROTECTION	20	31	4
11BJ5A0202	R41024	POWER SYSTEM OPERATION & CONTROL	18	39	4
11BJ5A0202	R41026	INSTRUMENTATION	19	31	4
11BJ5A0202	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	34	4
11BJ5A0202	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	47	2
11BJ5A0202	R4102D	ELECTRICAL SIMULATION LAB	23	47	2
11BJ5A0203	R41021	COMPUTER ORGANIZATION	19	37	4
11BJ5A0203	R41022	HIGH VOLTAGE ENGINEERING	16	35	4
11BJ5A0203	R41023	SWITCH GEAR & PROTECTION	18	36	4
11BJ5A0203	R41024	POWER SYSTEM OPERATION & CONTROL	19	42	4
11BJ5A0203	R41026	INSTRUMENTATION	19	29	4
11BJ5A0203	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	18	53	4
11BJ5A0203	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	45	2
11BJ5A0203	R4102D	ELECTRICAL SIMULATION LAB	23	45	2
11BJ5A0204	R41021	COMPUTER ORGANIZATION	19	26	4
11BJ5A0204	R41022	HIGH VOLTAGE ENGINEERING	16	26	4
11BJ5A0204	R41023	SWITCH GEAR & PROTECTION	18	30	4
11BJ5A0204	R41024	POWER SYSTEM OPERATION & CONTROL	16	34	4
11BJ5A0204	R41026	INSTRUMENTATION	18	29	4
11BJ5A0204	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	20	31	4
11BJ5A0204	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	47	2
11BJ5A0204	R4102D	ELECTRICAL SIMULATION LAB	23	47	2
11BJ5A0205	R41021	COMPUTER ORGANIZATION	17	16	0
11BJ5A0205	R41022	HIGH VOLTAGE ENGINEERING	18	26	4
11BJ5A0205	R41023	SWITCH GEAR & PROTECTION	19	34	4
11BJ5A0205	R41024	POWER SYSTEM OPERATION & CONTROL	16	33	4
11BJ5A0205	R41026	INSTRUMENTATION	18	27	4
11BJ5A0205	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	20	45	4
11BJ5A0205	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	46	2
11BJ5A0205	R4102D	ELECTRICAL SIMULATION LAB	23	46	2
11BJ5A0206	R41021	COMPUTER ORGANIZATION	20	36	4
11BJ5A0206	R41022	HIGH VOLTAGE ENGINEERING	19	32	4
11BJ5A0206	R41023	SWITCH GEAR & PROTECTION	17	39	4
11BJ5A0206	R41024	POWER SYSTEM OPERATION & CONTROL	14	16	0
11BJ5A0206	R41026	INSTRUMENTATION	21	26	4
11BJ5A0206	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	18	46	4
11BJ5A0206	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	23	45	2

Htno	Subcode	Subname	Internal	External	credits
11BJ5A0206	R4102D	ELECTRICAL SIMULATION LAB	23	45	2
11BJ5A0207	R41021	COMPUTER ORGANIZATION	18	39	4
11BJ5A0207	R41022	HIGH VOLTAGE ENGINEERING	17	41	4
11BJ5A0207	R41023	SWITCH GEAR & PROTECTION	20	41	4
11BJ5A0207	R41024	POWER SYSTEM OPERATION & CONTROL	20	42	4
11BJ5A0207	R41026	INSTRUMENTATION	19	37	4
11BJ5A0207	R4102A	ELECTRICAL DISTRIBUTION SYSTEMS	19	48	4
11BJ5A0207	R4102C	MICROPROCESSORS & MICROCONTROLLERS LAB	22	44	2
11BJ5A0207	R4102D	ELECTRICAL SIMULATION LAB	22	44	2
11BJ5A0401	R41041	OPTICAL COMMUNICATIONS	24	38	4
11BJ5A0401	R41042	EMBEDDED SYSTEMS	22	37	4
11BJ5A0401	R41043	DIGITAL IMAGE PROCESSING	16	14	0
11BJ5A0401	R41044	RADAR SYSTEMS	18	48	4
11BJ5A0401	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	48	4
11BJ5A0401	R41048	BIO-MEDICAL ENGINEERING	19	26	4
11BJ5A0401	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	46	2
11BJ5A0401	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	23	49	2
11BJ5A0402	R41041	OPTICAL COMMUNICATIONS	25	32	4
11BJ5A0402	R41042	EMBEDDED SYSTEMS	19	29	4
11BJ5A0402	R41043	DIGITAL IMAGE PROCESSING	18	32	4
11BJ5A0402	R41044	RADAR SYSTEMS	21	39	4
11BJ5A0402	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	21	39	4
11BJ5A0402	R41048	BIO-MEDICAL ENGINEERING	20	40	4
11BJ5A0402	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	50	2
11BJ5A0402	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	25	50	2
11BJ5A0403	R41041	OPTICAL COMMUNICATIONS	21	45	4
11BJ5A0403	R41042	EMBEDDED SYSTEMS	15	26	4
11BJ5A0403	R41043	DIGITAL IMAGE PROCESSING	18	27	4
11BJ5A0403	R41044	RADAR SYSTEMS	19	52	4
11BJ5A0403	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	44	4
11BJ5A0403	R41048	BIO-MEDICAL ENGINEERING	20	32	4
11BJ5A0403	R4104B	DIGITAL SIGNAL PROCESSING LAB	22	44	2
11BJ5A0403	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	22	44	2
11BJ5A0405	R41041	OPTICAL COMMUNICATIONS	21	53	4
11BJ5A0405	R41042	EMBEDDED SYSTEMS	19	40	4
11BJ5A0405	R41043	DIGITAL IMAGE PROCESSING	17	37	4
11BJ5A0405	R41044	RADAR SYSTEMS	21	52	4
11BJ5A0405	R41045	TELECOMMUNICATION SWITCHING SYSTEMS	18	53	4
11BJ5A0405	R41048	BIO-MEDICAL ENGINEERING	19	47	4
11BJ5A0405	R4104B	DIGITAL SIGNAL PROCESSING LAB	24	48	2
11BJ5A0405	R4104C	MICROWAVE AND OPTICAL COMMUNICATIONS LAB	24	48	2
11BJ5A0501	R41051	CRYPTOGRAPHY AND NETWORK SECURITY	14	18	0
11BJ5A0501	R41052	UML & DESIGN PATTERNS	14	26	4
11BJ5A0501	R41053	DATA WARE HOUSING AND DATA MINING	16	26	4
11BJ5A0501	R41054	MOBILE COMPUTING	17	26	4
11BJ5A0501	R41057	OPEN SOURCE SOFTWARE	17	27	4
11BJ5A0501	R4105B	SOFTWARE PROJECT MANAGEMENT	15	26	4
11BJ5A0501	R4105E	UML & DESIGN PATTERNS LAB	21	46	2
11BJ5A0501	R4105F	MOBILE APPLICATION DEVELOPMENT LAB	23	45	2

Note:1)For Recounting/Revaluation do the Online registration and send the total amount through online transfer

2)Take Seperate DD for the Challenge Valuation

[Last Date for Recounting/Revaluation/Challenge By Revaluation: 03-04-2014]

Date:28-03-2014



Controller of Examinations