



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of IV B.Tech [R10,R07,R05] II Semester Regular/Supplementary Examinations April-2016

College: SRI SIVANI COLLEGE OF ENGG,CHILAKALAPALEM,SRIKAKULAM:W6

Htno	Subcode	Subname	Internal	External	credits
09W61A0126	K0128	ADVANCED STRUCTURAL ANALYSIS	11	-1	0
09W61A0208	K0223	DIGITAL CONTROL SYSTEMS	11	34	4
09W61A0208	K0225	PROGRAMMABLE LOGIC CONTROLLERS	11	34	4
10W61A0429	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	0	-1	0
10W61A0448	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	13	7	0
10W61A0449	R42043	SATELLITE COMMUNICATIONS	19	9	0
10W61A0499	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	9	2	0
10W61A0565	R4205A	ARTIFICIAL INTELLIGENCE	7	13	0
11W61A0142	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	15	18	0
11W61A0142	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	14	48	4
11W61A0142	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	14	37	4
11W61A0142	R42019	ADVANCED STRUCTURAL ANALYSIS	15	10	0
11W61A0142	R4201B	PROJECT WORK	45	140	12
11W61A0231	R42021	DIGITAL CONTROL SYSTEMS	10	9	0
11W61A0231	R42024	SPECIAL ELECTRICAL MACHINES	13	47	4
11W61A0231	R42025	NON CONVENTIONAL SOURCES OF ENERGY	15	10	0
11W61A0231	R42028	OOPS THROUGH JAVA	12	34	4
11W61A0231	R4202B	PROJECT	30	138	12
11W61A0257	R42021	DIGITAL CONTROL SYSTEMS	21	51	4
11W61A0257	R42024	SPECIAL ELECTRICAL MACHINES	20	45	4
11W61A0257	R42025	NON CONVENTIONAL SOURCES OF ENERGY	12	39	4
11W61A0257	R42028	OOPS THROUGH JAVA	16	38	4
11W61A0257	R4202B	PROJECT	0	125	12
11W61A0269	R42021	DIGITAL CONTROL SYSTEMS	23	49	4
11W61A0269	R42024	SPECIAL ELECTRICAL MACHINES	23	51	4
11W61A0269	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	52	4
11W61A0269	R42028	OOPS THROUGH JAVA	19	38	4
11W61A0269	R4202B	PROJECT	49	141	12
11W61A0323	R42039	POWER PLANT ENGINEERING	14	20	0
11W61A0401	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	13	8	0
11W61A04B2	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	-1	0
11W61A04B9	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	42	4
11W61A0521	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	-1	0
11W61A0521	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	-1	0
11W61A0534	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	-1	0
11W61A0581	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	12	34	4
12W61A0101	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	60	4
12W61A0101	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	20	45	4
12W61A0101	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	20	47	4
12W61A0101	R42019	ADVANCED STRUCTURAL ANALYSIS	22	50	4
12W61A0101	R4201B	PROJECT WORK	50	149	12
12W61A0102	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	39	4
12W61A0102	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	48	4
12W61A0102	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	48	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0102	R42019	ADVANCED STRUCTURAL ANALYSIS	22	48	4
12W61A0102	R4201B	PROJECT WORK	49	149	12
12W61A0103	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	16	0
12W61A0103	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	20	44	4
12W61A0103	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	51	4
12W61A0103	R42019	ADVANCED STRUCTURAL ANALYSIS	20	33	4
12W61A0103	R4201B	PROJECT WORK	49	149	12
12W61A0104	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	11	46	4
12W61A0104	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	59	4
12W61A0104	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	45	4
12W61A0104	R42019	ADVANCED STRUCTURAL ANALYSIS	19	48	4
12W61A0104	R4201B	PROJECT WORK	48	148	12
12W61A0105	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	11	37	4
12W61A0105	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	14	34	4
12W61A0105	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	0	12	0
12W61A0105	R42019	ADVANCED STRUCTURAL ANALYSIS	16	40	4
12W61A0105	R4201B	PROJECT WORK	42	142	12
12W61A0106	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	11	29	4
12W61A0106	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	12	28	4
12W61A0106	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	15	1	0
12W61A0106	R42019	ADVANCED STRUCTURAL ANALYSIS	17	40	4
12W61A0106	R4201B	PROJECT WORK	45	142	12
12W61A0107	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	34	4
12W61A0107	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	14	41	4
12W61A0107	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	49	4
12W61A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	17	10	0
12W61A0107	R4201B	PROJECT WORK	40	142	12
12W61A0108	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	17	0
12W61A0108	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	15	55	4
12W61A0108	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	46	4
12W61A0108	R42019	ADVANCED STRUCTURAL ANALYSIS	18	39	4
12W61A0108	R4201B	PROJECT WORK	45	140	12
12W61A0109	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	37	4
12W61A0109	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	34	4
12W61A0109	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	18	0
12W61A0109	R42019	ADVANCED STRUCTURAL ANALYSIS	22	37	4
12W61A0109	R4201B	PROJECT WORK	47	146	12
12W61A0110	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	29	4
12W61A0110	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	23	59	4
12W61A0110	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	26	4
12W61A0110	R42019	ADVANCED STRUCTURAL ANALYSIS	21	40	4
12W61A0110	R4201B	PROJECT WORK	50	149	12
12W61A0111	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	26	4
12W61A0111	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	28	4
12W61A0111	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	41	4
12W61A0111	R42019	ADVANCED STRUCTURAL ANALYSIS	21	36	4
12W61A0111	R4201B	PROJECT WORK	46	149	12
12W61A0112	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	16	-1	0
12W61A0112	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	52	4
12W61A0112	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	14	40	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0112	R42019	ADVANCED STRUCTURAL ANALYSIS	16	39	4
12W61A0112	R4201B	PROJECT WORK	45	147	12
12W61A0113	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	12	36	4
12W61A0113	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	14	30	4
12W61A0113	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	31	4
12W61A0113	R42019	ADVANCED STRUCTURAL ANALYSIS	19	39	4
12W61A0113	R4201B	PROJECT WORK	47	145	12
12W61A0114	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	17	26	4
12W61A0114	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	15	57	4
12W61A0114	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	26	4
12W61A0114	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
12W61A0114	R4201B	PROJECT WORK	40	140	12
12W61A0115	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	17	0
12W61A0115	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	21	58	4
12W61A0115	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	20	47	4
12W61A0115	R42019	ADVANCED STRUCTURAL ANALYSIS	20	31	4
12W61A0115	R4201B	PROJECT WORK	50	149	12
12W61A0117	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	33	4
12W61A0117	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	20	58	4
12W61A0117	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	40	4
12W61A0117	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
12W61A0117	R4201B	PROJECT WORK	49	148	12
12W61A0118	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	46	4
12W61A0118	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	22	37	4
12W61A0118	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	55	4
12W61A0118	R42019	ADVANCED STRUCTURAL ANALYSIS	23	52	4
12W61A0118	R4201B	PROJECT WORK	49	148	12
12W61A0119	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	15	30	4
12W61A0119	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	54	4
12W61A0119	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	14	0
12W61A0119	R42019	ADVANCED STRUCTURAL ANALYSIS	18	35	4
12W61A0119	R4201B	PROJECT WORK	46	149	12
12W61A0120	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	16	26	4
12W61A0120	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	15	48	4
12W61A0120	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	15	44	4
12W61A0120	R42019	ADVANCED STRUCTURAL ANALYSIS	13	15	0
12W61A0120	R4201B	PROJECT WORK	45	143	12
12W61A0121	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	44	4
12W61A0121	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	19	63	4
12W61A0121	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	21	42	4
12W61A0121	R42019	ADVANCED STRUCTURAL ANALYSIS	21	66	4
12W61A0121	R4201B	PROJECT WORK	49	149	12
12W61A0123	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	19	44	4
12W61A0123	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	34	4
12W61A0123	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	36	4
12W61A0123	R42019	ADVANCED STRUCTURAL ANALYSIS	18	42	4
12W61A0123	R4201B	PROJECT WORK	48	148	12
12W61A0124	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	30	4
12W61A0124	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	48	4
12W61A0124	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	13	0

Htno	Subcode	Subname	Internal	External	credits
12W61A0124	R42019	ADVANCED STRUCTURAL ANALYSIS	16	44	4
12W61A0124	R4201B	PROJECT WORK	47	146	12
12W61A0125	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	36	4
12W61A0125	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	21	28	4
12W61A0125	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	49	4
12W61A0125	R42019	ADVANCED STRUCTURAL ANALYSIS	20	57	4
12W61A0125	R4201B	PROJECT WORK	50	149	12
12W61A0126	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	12	28	4
12W61A0126	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	56	4
12W61A0126	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	15	38	4
12W61A0126	R42019	ADVANCED STRUCTURAL ANALYSIS	13	4	0
12W61A0126	R4201B	PROJECT WORK	46	148	12
12W61A0127	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	41	4
12W61A0127	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	21	39	4
12W61A0127	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	39	4
12W61A0127	R42019	ADVANCED STRUCTURAL ANALYSIS	21	44	4
12W61A0127	R4201B	PROJECT WORK	46	146	12
12W61A0128	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	19	45	4
12W61A0128	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	22	54	4
12W61A0128	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	48	4
12W61A0128	R42019	ADVANCED STRUCTURAL ANALYSIS	20	55	4
12W61A0128	R4201B	PROJECT WORK	49	148	12
12W61A0129	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	17	26	4
12W61A0129	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	44	4
12W61A0129	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	36	4
12W61A0129	R42019	ADVANCED STRUCTURAL ANALYSIS	20	12	0
12W61A0129	R4201B	PROJECT WORK	47	147	12
12W61A0130	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	15	34	4
12W61A0130	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	15	65	4
12W61A0130	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	15	41	4
12W61A0130	R42019	ADVANCED STRUCTURAL ANALYSIS	18	39	4
12W61A0130	R4201B	PROJECT WORK	45	146	12
12W61A0131	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	44	4
12W61A0131	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	26	4
12W61A0131	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	39	4
12W61A0131	R42019	ADVANCED STRUCTURAL ANALYSIS	22	52	4
12W61A0131	R4201B	PROJECT WORK	48	145	12
12W61A0132	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	31	4
12W61A0132	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	63	4
12W61A0132	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	52	4
12W61A0132	R42019	ADVANCED STRUCTURAL ANALYSIS	21	51	4
12W61A0132	R4201B	PROJECT WORK	49	148	12
12W61A0133	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	12	36	4
12W61A0133	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	35	4
12W61A0133	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	34	4
12W61A0133	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
12W61A0133	R4201B	PROJECT WORK	48	149	12
12W61A0134	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	19	26	4
12W61A0134	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	58	4
12W61A0134	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	34	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0134	R42019	ADVANCED STRUCTURAL ANALYSIS	17	15	0
12W61A0134	R4201B	PROJECT WORK	46	146	12
12W61A0135	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	7	36	4
12W61A0135	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	34	4
12W61A0135	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	15	31	4
12W61A0135	R42019	ADVANCED STRUCTURAL ANALYSIS	23	41	4
12W61A0135	R4201B	PROJECT WORK	46	145	12
12W61A0136	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	12	44	4
12W61A0136	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	51	4
12W61A0136	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	37	4
12W61A0136	R42019	ADVANCED STRUCTURAL ANALYSIS	15	49	4
12W61A0136	R4201B	PROJECT WORK	39	145	12
12W61A0137	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	19	26	4
12W61A0137	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	19	47	4
12W61A0137	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	48	4
12W61A0137	R42019	ADVANCED STRUCTURAL ANALYSIS	19	33	4
12W61A0137	R4201B	PROJECT WORK	50	149	12
12W61A0138	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	10	55	4
12W61A0138	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	65	4
12W61A0138	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	40	4
12W61A0138	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
12W61A0138	R4201B	PROJECT WORK	48	148	12
12W61A0139	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	42	4
12W61A0139	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	21	66	4
12W61A0139	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	44	4
12W61A0139	R42019	ADVANCED STRUCTURAL ANALYSIS	19	47	4
12W61A0139	R4201B	PROJECT WORK	46	142	12
12W61A0140	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	10	34	4
12W61A0140	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	13	41	4
12W61A0140	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	37	4
12W61A0140	R42019	ADVANCED STRUCTURAL ANALYSIS	15	3	0
12W61A0140	R4201B	PROJECT WORK	39	145	12
12W61A0143	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	16	17	0
12W61A0143	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	13	40	4
12W61A0143	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	35	4
12W61A0143	R42019	ADVANCED STRUCTURAL ANALYSIS	16	11	0
12W61A0143	R4201B	PROJECT WORK	45	146	12
12W61A0145	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	0	0
12W61A0145	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	19	65	4
12W61A0145	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	32	4
12W61A0145	R42019	ADVANCED STRUCTURAL ANALYSIS	21	39	4
12W61A0145	R4201B	PROJECT WORK	49	148	12
12W61A0146	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	42	4
12W61A0146	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	33	4
12W61A0146	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	13	49	4
12W61A0146	R42019	ADVANCED STRUCTURAL ANALYSIS	21	47	4
12W61A0146	R4201B	PROJECT WORK	47	147	12
12W61A0147	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	26	4
12W61A0147	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	47	4
12W61A0147	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	44	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0147	R42019	ADVANCED STRUCTURAL ANALYSIS	19	34	4
12W61A0147	R4201B	PROJECT WORK	48	146	12
12W61A0148	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	17	0
12W61A0148	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	45	4
12W61A0148	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	47	4
12W61A0148	R42019	ADVANCED STRUCTURAL ANALYSIS	19	36	4
12W61A0148	R4201B	PROJECT WORK	48	148	12
12W61A0149	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	48	4
12W61A0149	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	55	4
12W61A0149	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	46	4
12W61A0149	R42019	ADVANCED STRUCTURAL ANALYSIS	18	39	4
12W61A0149	R4201B	PROJECT WORK	50	149	12
12W61A0150	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	42	4
12W61A0150	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	13	27	4
12W61A0150	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	41	4
12W61A0150	R42019	ADVANCED STRUCTURAL ANALYSIS	21	41	4
12W61A0150	R4201B	PROJECT WORK	48	148	12
12W61A0201	R42021	DIGITAL CONTROL SYSTEMS	24	57	4
12W61A0201	R42024	SPECIAL ELECTRICAL MACHINES	24	51	4
12W61A0201	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	68	4
12W61A0201	R42028	OOPS THROUGH JAVA	20	37	4
12W61A0201	R4202B	PROJECT	49	149	12
12W61A0202	R42021	DIGITAL CONTROL SYSTEMS	23	47	4
12W61A0202	R42024	SPECIAL ELECTRICAL MACHINES	25	59	4
12W61A0202	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	57	4
12W61A0202	R42028	OOPS THROUGH JAVA	20	48	4
12W61A0202	R4202B	PROJECT	48	143	12
12W61A0204	R42021	DIGITAL CONTROL SYSTEMS	21	64	4
12W61A0204	R42024	SPECIAL ELECTRICAL MACHINES	21	61	4
12W61A0204	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	41	4
12W61A0204	R42028	OOPS THROUGH JAVA	22	46	4
12W61A0204	R4202B	PROJECT	46	144	12
12W61A0205	R42021	DIGITAL CONTROL SYSTEMS	12	10	0
12W61A0205	R42024	SPECIAL ELECTRICAL MACHINES	6	12	0
12W61A0205	R42025	NON CONVENTIONAL SOURCES OF ENERGY	14	27	4
12W61A0205	R42028	OOPS THROUGH JAVA	8	6	0
12W61A0205	R4202B	PROJECT	40	137	12
12W61A0206	R42021	DIGITAL CONTROL SYSTEMS	4	0	0
12W61A0206	R42024	SPECIAL ELECTRICAL MACHINES	18	33	4
12W61A0206	R42025	NON CONVENTIONAL SOURCES OF ENERGY	8	-1	0
12W61A0206	R42028	OOPS THROUGH JAVA	16	8	0
12W61A0206	R4202B	PROJECT	39	132	12
12W61A0207	R42021	DIGITAL CONTROL SYSTEMS	19	26	4
12W61A0207	R42024	SPECIAL ELECTRICAL MACHINES	21	39	4
12W61A0207	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	28	4
12W61A0207	R42028	OOPS THROUGH JAVA	20	38	4
12W61A0207	R4202B	PROJECT	48	148	12
12W61A0208	R42021	DIGITAL CONTROL SYSTEMS	21	48	4
12W61A0208	R42024	SPECIAL ELECTRICAL MACHINES	19	53	4
12W61A0208	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	34	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0208	R42028	OOPS THROUGH JAVA	18	36	4
12W61A0208	R4202B	PROJECT	45	140	12
12W61A0209	R42021	DIGITAL CONTROL SYSTEMS	20	47	4
12W61A0209	R42024	SPECIAL ELECTRICAL MACHINES	23	50	4
12W61A0209	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	39	4
12W61A0209	R42028	OOPS THROUGH JAVA	19	38	4
12W61A0209	R4202B	PROJECT	49	146	12
12W61A0210	R42021	DIGITAL CONTROL SYSTEMS	19	45	4
12W61A0210	R42024	SPECIAL ELECTRICAL MACHINES	17	31	4
12W61A0210	R42025	NON CONVENTIONAL SOURCES OF ENERGY	13	47	4
12W61A0210	R42028	OOPS THROUGH JAVA	15	19	0
12W61A0210	R4202B	PROJECT	45	136	12
12W61A0211	R42021	DIGITAL CONTROL SYSTEMS	16	14	0
12W61A0211	R42024	SPECIAL ELECTRICAL MACHINES	20	37	4
12W61A0211	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	12	0
12W61A0211	R42028	OOPS THROUGH JAVA	17	33	4
12W61A0211	R4202B	PROJECT	44	139	12
12W61A0212	R42021	DIGITAL CONTROL SYSTEMS	19	73	4
12W61A0212	R42024	SPECIAL ELECTRICAL MACHINES	21	56	4
12W61A0212	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	46	4
12W61A0212	R42028	OOPS THROUGH JAVA	20	44	4
12W61A0212	R4202B	PROJECT	49	142	12
12W61A0213	R42021	DIGITAL CONTROL SYSTEMS	17	38	4
12W61A0213	R42024	SPECIAL ELECTRICAL MACHINES	19	40	4
12W61A0213	R42025	NON CONVENTIONAL SOURCES OF ENERGY	13	36	4
12W61A0213	R42028	OOPS THROUGH JAVA	16	27	4
12W61A0213	R4202B	PROJECT	44	139	12
12W61A0214	R42021	DIGITAL CONTROL SYSTEMS	14	27	4
12W61A0214	R42024	SPECIAL ELECTRICAL MACHINES	19	36	4
12W61A0214	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	35	4
12W61A0214	R42028	OOPS THROUGH JAVA	13	27	4
12W61A0214	R4202B	PROJECT	42	140	12
12W61A0216	R42021	DIGITAL CONTROL SYSTEMS	19	30	4
12W61A0216	R42024	SPECIAL ELECTRICAL MACHINES	16	35	4
12W61A0216	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	41	4
12W61A0216	R42028	OOPS THROUGH JAVA	16	47	4
12W61A0216	R4202B	PROJECT	46	144	12
12W61A0217	R42021	DIGITAL CONTROL SYSTEMS	19	61	4
12W61A0217	R42024	SPECIAL ELECTRICAL MACHINES	17	42	4
12W61A0217	R42025	NON CONVENTIONAL SOURCES OF ENERGY	15	48	4
12W61A0217	R42028	OOPS THROUGH JAVA	16	29	4
12W61A0217	R4202B	PROJECT	46	145	12
12W61A0218	R42021	DIGITAL CONTROL SYSTEMS	20	31	4
12W61A0218	R42024	SPECIAL ELECTRICAL MACHINES	18	58	4
12W61A0218	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	42	4
12W61A0218	R42028	OOPS THROUGH JAVA	19	38	4
12W61A0218	R4202B	PROJECT	48	143	12
12W61A0219	R42021	DIGITAL CONTROL SYSTEMS	15	33	4
12W61A0219	R42024	SPECIAL ELECTRICAL MACHINES	22	45	4
12W61A0219	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	52	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0219	R42028	OOPS THROUGH JAVA	16	27	4
12W61A0219	R4202B	PROJECT	46	147	12
12W61A0220	R42021	DIGITAL CONTROL SYSTEMS	14	26	4
12W61A0220	R42024	SPECIAL ELECTRICAL MACHINES	17	36	4
12W61A0220	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	35	4
12W61A0220	R42028	OOPS THROUGH JAVA	17	45	4
12W61A0220	R4202B	PROJECT	43	144	12
12W61A0221	R42021	DIGITAL CONTROL SYSTEMS	19	71	4
12W61A0221	R42024	SPECIAL ELECTRICAL MACHINES	24	53	4
12W61A0221	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	40	4
12W61A0221	R42028	OOPS THROUGH JAVA	20	38	4
12W61A0221	R4202B	PROJECT	40	133	12
12W61A0222	R42021	DIGITAL CONTROL SYSTEMS	23	34	4
12W61A0222	R42024	SPECIAL ELECTRICAL MACHINES	20	41	4
12W61A0222	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	34	4
12W61A0222	R42028	OOPS THROUGH JAVA	20	38	4
12W61A0222	R4202B	PROJECT	38	115	12
12W61A0224	R42021	DIGITAL CONTROL SYSTEMS	23	31	4
12W61A0224	R42024	SPECIAL ELECTRICAL MACHINES	22	40	4
12W61A0224	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	39	4
12W61A0224	R42028	OOPS THROUGH JAVA	17	30	4
12W61A0224	R4202B	PROJECT	46	140	12
12W61A0225	R42021	DIGITAL CONTROL SYSTEMS	15	8	0
12W61A0225	R42024	SPECIAL ELECTRICAL MACHINES	14	8	0
12W61A0225	R42025	NON CONVENTIONAL SOURCES OF ENERGY	12	10	0
12W61A0225	R42028	OOPS THROUGH JAVA	14	36	4
12W61A0225	R4202B	PROJECT	44	143	12
12W61A0226	R42021	DIGITAL CONTROL SYSTEMS	21	62	4
12W61A0226	R42024	SPECIAL ELECTRICAL MACHINES	22	54	4
12W61A0226	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	42	4
12W61A0226	R42028	OOPS THROUGH JAVA	17	39	4
12W61A0226	R4202B	PROJECT	44	143	12
12W61A0227	R42021	DIGITAL CONTROL SYSTEMS	18	46	4
12W61A0227	R42024	SPECIAL ELECTRICAL MACHINES	17	54	4
12W61A0227	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	41	4
12W61A0227	R42028	OOPS THROUGH JAVA	16	45	4
12W61A0227	R4202B	PROJECT	49	147	12
12W61A0228	R42021	DIGITAL CONTROL SYSTEMS	5	-1	0
12W61A0228	R42024	SPECIAL ELECTRICAL MACHINES	6	-1	0
12W61A0228	R42025	NON CONVENTIONAL SOURCES OF ENERGY	3	-1	0
12W61A0228	R42028	OOPS THROUGH JAVA	4	-1	0
12W61A0228	R4202B	PROJECT	37	-1	0
12W61A0229	R42021	DIGITAL CONTROL SYSTEMS	16	26	4
12W61A0229	R42024	SPECIAL ELECTRICAL MACHINES	19	52	4
12W61A0229	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	27	4
12W61A0229	R42028	OOPS THROUGH JAVA	9	31	4
12W61A0229	R4202B	PROJECT	47	137	12
12W61A0230	R42021	DIGITAL CONTROL SYSTEMS	17	64	4
12W61A0230	R42024	SPECIAL ELECTRICAL MACHINES	13	47	4
12W61A0230	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	41	4



Htno	Subcode	Subname	Internal	External	credits
12W61A0230	R42028	OOPS THROUGH JAVA	16	38	4
12W61A0230	R4202B	PROJECT	49	146	12
12W61A0232	R42021	DIGITAL CONTROL SYSTEMS	21	70	4
12W61A0232	R42024	SPECIAL ELECTRICAL MACHINES	22	50	4
12W61A0232	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	40	4
12W61A0232	R42028	OOPS THROUGH JAVA	18	13	0
12W61A0232	R4202B	PROJECT	44	145	12
12W61A0233	R42021	DIGITAL CONTROL SYSTEMS	24	40	4
12W61A0233	R42024	SPECIAL ELECTRICAL MACHINES	25	53	4
12W61A0233	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	53	4
12W61A0233	R42028	OOPS THROUGH JAVA	25	50	4
12W61A0233	R4202B	PROJECT	49	146	12
12W61A0235	R42021	DIGITAL CONTROL SYSTEMS	23	9	0
12W61A0235	R42024	SPECIAL ELECTRICAL MACHINES	20	33	4
12W61A0235	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	26	4
12W61A0235	R42028	OOPS THROUGH JAVA	17	31	4
12W61A0235	R4202B	PROJECT	45	136	12
12W61A0236	R42021	DIGITAL CONTROL SYSTEMS	23	51	4
12W61A0236	R42024	SPECIAL ELECTRICAL MACHINES	24	34	4
12W61A0236	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	45	4
12W61A0236	R42028	OOPS THROUGH JAVA	13	40	4
12W61A0236	R4202B	PROJECT	49	142	12
12W61A0237	R42021	DIGITAL CONTROL SYSTEMS	22	49	4
12W61A0237	R42024	SPECIAL ELECTRICAL MACHINES	22	42	4
12W61A0237	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	49	4
12W61A0237	R42028	OOPS THROUGH JAVA	15	29	4
12W61A0237	R4202B	PROJECT	49	147	12
12W61A0238	R42021	DIGITAL CONTROL SYSTEMS	17	31	4
12W61A0238	R42024	SPECIAL ELECTRICAL MACHINES	15	36	4
12W61A0238	R42025	NON CONVENTIONAL SOURCES OF ENERGY	15	49	4
12W61A0238	R42028	OOPS THROUGH JAVA	12	28	4
12W61A0238	R4202B	PROJECT	40	120	12
12W61A0239	R42021	DIGITAL CONTROL SYSTEMS	19	26	4
12W61A0239	R42024	SPECIAL ELECTRICAL MACHINES	14	27	4
12W61A0239	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	33	4
12W61A0239	R42028	OOPS THROUGH JAVA	10	37	4
12W61A0239	R4202B	PROJECT	42	125	12
12W61A0240	R42021	DIGITAL CONTROL SYSTEMS	15	73	4
12W61A0240	R42024	SPECIAL ELECTRICAL MACHINES	16	65	4
12W61A0240	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	50	4
12W61A0240	R42028	OOPS THROUGH JAVA	20	39	4
12W61A0240	R4202B	PROJECT	43	125	12
12W61A0241	R42021	DIGITAL CONTROL SYSTEMS	15	57	4
12W61A0241	R42024	SPECIAL ELECTRICAL MACHINES	15	42	4
12W61A0241	R42025	NON CONVENTIONAL SOURCES OF ENERGY	16	45	4
12W61A0241	R42028	OOPS THROUGH JAVA	10	38	4
12W61A0241	R4202B	PROJECT	43	139	12
12W61A0243	R42021	DIGITAL CONTROL SYSTEMS	24	27	4
12W61A0243	R42024	SPECIAL ELECTRICAL MACHINES	22	35	4
12W61A0243	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	38	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0243	R42028	OOPS THROUGH JAVA	21	31	4
12W61A0243	R4202B	PROJECT	49	145	12
12W61A0244	R42021	DIGITAL CONTROL SYSTEMS	23	26	4
12W61A0244	R42024	SPECIAL ELECTRICAL MACHINES	24	34	4
12W61A0244	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	46	4
12W61A0244	R42028	OOPS THROUGH JAVA	22	39	4
12W61A0244	R4202B	PROJECT	49	144	12
12W61A0245	R42021	DIGITAL CONTROL SYSTEMS	21	65	4
12W61A0245	R42024	SPECIAL ELECTRICAL MACHINES	23	59	4
12W61A0245	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	41	4
12W61A0245	R42028	OOPS THROUGH JAVA	17	26	4
12W61A0245	R4202B	PROJECT	47	143	12
12W61A0246	R42021	DIGITAL CONTROL SYSTEMS	20	30	4
12W61A0246	R42024	SPECIAL ELECTRICAL MACHINES	17	26	4
12W61A0246	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	37	4
12W61A0246	R42028	OOPS THROUGH JAVA	14	26	4
12W61A0246	R4202B	PROJECT	42	146	12
12W61A0247	R42021	DIGITAL CONTROL SYSTEMS	20	49	4
12W61A0247	R42024	SPECIAL ELECTRICAL MACHINES	21	40	4
12W61A0247	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	56	4
12W61A0247	R42028	OOPS THROUGH JAVA	17	29	4
12W61A0247	R4202B	PROJECT	45	147	12
12W61A0248	R42021	DIGITAL CONTROL SYSTEMS	8	15	0
12W61A0248	R42024	SPECIAL ELECTRICAL MACHINES	7	35	4
12W61A0248	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	11	0
12W61A0248	R42028	OOPS THROUGH JAVA	1	32	0
12W61A0248	R4202B	PROJECT	38	134	12
12W61A0249	R42021	DIGITAL CONTROL SYSTEMS	4	61	4
12W61A0249	R42024	SPECIAL ELECTRICAL MACHINES	19	30	4
12W61A0249	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	14	0
12W61A0249	R42028	OOPS THROUGH JAVA	16	13	0
12W61A0249	R4202B	PROJECT	45	140	12
12W61A0250	R42021	DIGITAL CONTROL SYSTEMS	23	41	4
12W61A0250	R42024	SPECIAL ELECTRICAL MACHINES	19	38	4
12W61A0250	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	27	4
12W61A0250	R42028	OOPS THROUGH JAVA	14	27	4
12W61A0250	R4202B	PROJECT	46	139	12
12W61A0251	R42021	DIGITAL CONTROL SYSTEMS	18	20	0
12W61A0251	R42024	SPECIAL ELECTRICAL MACHINES	17	32	4
12W61A0251	R42025	NON CONVENTIONAL SOURCES OF ENERGY	15	28	4
12W61A0251	R42028	OOPS THROUGH JAVA	9	15	0
12W61A0251	R4202B	PROJECT	45	140	12
12W61A0252	R42021	DIGITAL CONTROL SYSTEMS	23	27	4
12W61A0252	R42024	SPECIAL ELECTRICAL MACHINES	23	52	4
12W61A0252	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	59	4
12W61A0252	R42028	OOPS THROUGH JAVA	20	45	4
12W61A0252	R4202B	PROJECT	49	148	12
12W61A0253	R42021	DIGITAL CONTROL SYSTEMS	25	63	4
12W61A0253	R42024	SPECIAL ELECTRICAL MACHINES	25	57	4
12W61A0253	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	37	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0253	R42028	OOPS THROUGH JAVA	22	38	4
12W61A0253	R4202B	PROJECT	48	143	12
12W61A0254	R42021	DIGITAL CONTROL SYSTEMS	17	31	4
12W61A0254	R42024	SPECIAL ELECTRICAL MACHINES	16	29	4
12W61A0254	R42025	NON CONVENTIONAL SOURCES OF ENERGY	13	43	4
12W61A0254	R42028	OOPS THROUGH JAVA	14	38	4
12W61A0254	R4202B	PROJECT	45	122	12
12W61A0255	R42021	DIGITAL CONTROL SYSTEMS	22	43	4
12W61A0255	R42024	SPECIAL ELECTRICAL MACHINES	22	38	4
12W61A0255	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	40	4
12W61A0255	R42028	OOPS THROUGH JAVA	18	28	4
12W61A0255	R4202B	PROJECT	48	144	12
12W61A0256	R42021	DIGITAL CONTROL SYSTEMS	21	26	4
12W61A0256	R42024	SPECIAL ELECTRICAL MACHINES	22	38	4
12W61A0256	R42025	NON CONVENTIONAL SOURCES OF ENERGY	14	47	4
12W61A0256	R42028	OOPS THROUGH JAVA	16	35	4
12W61A0256	R4202B	PROJECT	49	142	12
12W61A0257	R42021	DIGITAL CONTROL SYSTEMS	20	52	4
12W61A0257	R42024	SPECIAL ELECTRICAL MACHINES	24	58	4
12W61A0257	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	37	4
12W61A0257	R42028	OOPS THROUGH JAVA	16	36	4
12W61A0257	R4202B	PROJECT	45	141	12
12W61A0258	R42021	DIGITAL CONTROL SYSTEMS	14	40	4
12W61A0258	R42024	SPECIAL ELECTRICAL MACHINES	21	48	4
12W61A0258	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	47	4
12W61A0258	R42028	OOPS THROUGH JAVA	17	27	4
12W61A0258	R4202B	PROJECT	46	141	12
12W61A0259	R42021	DIGITAL CONTROL SYSTEMS	16	48	4
12W61A0259	R42024	SPECIAL ELECTRICAL MACHINES	21	36	4
12W61A0259	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	48	4
12W61A0259	R42028	OOPS THROUGH JAVA	14	34	4
12W61A0259	R4202B	PROJECT	49	140	12
12W61A0260	R42021	DIGITAL CONTROL SYSTEMS	0	-1	0
12W61A0260	R42024	SPECIAL ELECTRICAL MACHINES	0	-1	0
12W61A0260	R42025	NON CONVENTIONAL SOURCES OF ENERGY	0	-1	0
12W61A0260	R42028	OOPS THROUGH JAVA	0	-1	0
12W61A0260	R4202B	PROJECT	38	115	12
12W61A0263	R42021	DIGITAL CONTROL SYSTEMS	19	73	4
12W61A0263	R42024	SPECIAL ELECTRICAL MACHINES	20	67	4
12W61A0263	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	40	4
12W61A0263	R42028	OOPS THROUGH JAVA	12	36	4
12W61A0263	R4202B	PROJECT	49	139	12
12W61A0264	R42021	DIGITAL CONTROL SYSTEMS	21	47	4
12W61A0264	R42024	SPECIAL ELECTRICAL MACHINES	23	53	4
12W61A0264	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	53	4
12W61A0264	R42028	OOPS THROUGH JAVA	20	28	4
12W61A0264	R4202B	PROJECT	49	139	12
12W61A0265	R42021	DIGITAL CONTROL SYSTEMS	20	39	4
12W61A0265	R42024	SPECIAL ELECTRICAL MACHINES	22	31	4
12W61A0265	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	53	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0265	R42028	OOPS THROUGH JAVA	20	8	0
12W61A0265	R4202B	PROJECT	44	137	12
12W61A0301	R42031	INTERACTIVE COMPUTER GRAPHICS	22	60	4
12W61A0301	R42034	AUTOMATION IN MANUFACTURING	22	65	4
12W61A0301	R42039	POWER PLANT ENGINEERING	21	67	4
12W61A0301	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	44	4
12W61A0301	R4203E	PROJECT WORK	44	147	12
12W61A0302	R42031	INTERACTIVE COMPUTER GRAPHICS	22	18	0
12W61A0302	R42034	AUTOMATION IN MANUFACTURING	23	62	4
12W61A0302	R42039	POWER PLANT ENGINEERING	23	37	4
12W61A0302	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	26	4
12W61A0302	R4203E	PROJECT WORK	44	145	12
12W61A0303	R42031	INTERACTIVE COMPUTER GRAPHICS	24	48	4
12W61A0303	R42034	AUTOMATION IN MANUFACTURING	21	42	4
12W61A0303	R42039	POWER PLANT ENGINEERING	24	26	4
12W61A0303	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	57	4
12W61A0303	R4203E	PROJECT WORK	48	149	12
12W61A0305	R42031	INTERACTIVE COMPUTER GRAPHICS	20	35	4
12W61A0305	R42034	AUTOMATION IN MANUFACTURING	21	55	4
12W61A0305	R42039	POWER PLANT ENGINEERING	22	38	4
12W61A0305	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	30	4
12W61A0305	R4203E	PROJECT WORK	43	149	12
12W61A0306	R42031	INTERACTIVE COMPUTER GRAPHICS	19	26	4
12W61A0306	R42034	AUTOMATION IN MANUFACTURING	19	58	4
12W61A0306	R42039	POWER PLANT ENGINEERING	24	47	4
12W61A0306	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	37	4
12W61A0306	R4203E	PROJECT WORK	40	145	12
12W61A0307	R42031	INTERACTIVE COMPUTER GRAPHICS	21	38	4
12W61A0307	R42034	AUTOMATION IN MANUFACTURING	25	43	4
12W61A0307	R42039	POWER PLANT ENGINEERING	25	42	4
12W61A0307	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	25	26	4
12W61A0307	R4203E	PROJECT WORK	46	148	12
12W61A0308	R42031	INTERACTIVE COMPUTER GRAPHICS	19	38	4
12W61A0308	R42034	AUTOMATION IN MANUFACTURING	20	45	4
12W61A0308	R42039	POWER PLANT ENGINEERING	23	31	4
12W61A0308	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	66	4
12W61A0308	R4203E	PROJECT WORK	40	147	12
12W61A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	18	26	4
12W61A0309	R42034	AUTOMATION IN MANUFACTURING	19	48	4
12W61A0309	R42039	POWER PLANT ENGINEERING	24	33	4
12W61A0309	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	33	4
12W61A0309	R4203E	PROJECT WORK	42	142	12
12W61A0310	R42031	INTERACTIVE COMPUTER GRAPHICS	21	37	4
12W61A0310	R42034	AUTOMATION IN MANUFACTURING	20	75	4
12W61A0310	R42039	POWER PLANT ENGINEERING	23	68	4
12W61A0310	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	38	4
12W61A0310	R4203E	PROJECT WORK	47	149	12
12W61A0311	R42031	INTERACTIVE COMPUTER GRAPHICS	24	44	4
12W61A0311	R42034	AUTOMATION IN MANUFACTURING	22	68	4
12W61A0311	R42039	POWER PLANT ENGINEERING	25	44	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0311	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	33	4
12W61A0311	R4203E	PROJECT WORK	46	146	12
12W61A0312	R42031	INTERACTIVE COMPUTER GRAPHICS	19	57	4
12W61A0312	R42034	AUTOMATION IN MANUFACTURING	23	40	4
12W61A0312	R42039	POWER PLANT ENGINEERING	24	18	0
12W61A0312	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	35	4
12W61A0312	R4203E	PROJECT WORK	43	146	12
12W61A0314	R42031	INTERACTIVE COMPUTER GRAPHICS	23	39	4
12W61A0314	R42034	AUTOMATION IN MANUFACTURING	22	63	4
12W61A0314	R42039	POWER PLANT ENGINEERING	22	49	4
12W61A0314	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	39	4
12W61A0314	R4203E	PROJECT WORK	45	145	12
12W61A0315	R42031	INTERACTIVE COMPUTER GRAPHICS	17	15	0
12W61A0315	R42034	AUTOMATION IN MANUFACTURING	17	14	0
12W61A0315	R42039	POWER PLANT ENGINEERING	24	12	0
12W61A0315	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	0	7	0
12W61A0315	R4203E	PROJECT WORK	40	146	12
12W61A0316	R42031	INTERACTIVE COMPUTER GRAPHICS	23	39	4
12W61A0316	R42034	AUTOMATION IN MANUFACTURING	25	57	4
12W61A0316	R42039	POWER PLANT ENGINEERING	19	42	4
12W61A0316	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	30	4
12W61A0316	R4203E	PROJECT WORK	44	147	12
12W61A0317	R42031	INTERACTIVE COMPUTER GRAPHICS	25	61	4
12W61A0317	R42034	AUTOMATION IN MANUFACTURING	24	47	4
12W61A0317	R42039	POWER PLANT ENGINEERING	25	42	4
12W61A0317	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	74	4
12W61A0317	R4203E	PROJECT WORK	48	146	12
12W61A0318	R42031	INTERACTIVE COMPUTER GRAPHICS	21	29	4
12W61A0318	R42034	AUTOMATION IN MANUFACTURING	24	57	4
12W61A0318	R42039	POWER PLANT ENGINEERING	23	30	4
12W61A0318	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	32	4
12W61A0318	R4203E	PROJECT WORK	46	148	12
12W61A0320	R42031	INTERACTIVE COMPUTER GRAPHICS	21	62	4
12W61A0320	R42034	AUTOMATION IN MANUFACTURING	22	66	4
12W61A0320	R42039	POWER PLANT ENGINEERING	24	58	4
12W61A0320	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	38	4
12W61A0320	R4203E	PROJECT WORK	46	147	12
12W61A0321	R42031	INTERACTIVE COMPUTER GRAPHICS	24	31	4
12W61A0321	R42034	AUTOMATION IN MANUFACTURING	22	57	4
12W61A0321	R42039	POWER PLANT ENGINEERING	25	44	4
12W61A0321	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	25	33	4
12W61A0321	R4203E	PROJECT WORK	47	147	12
12W61A0322	R42031	INTERACTIVE COMPUTER GRAPHICS	24	34	4
12W61A0322	R42034	AUTOMATION IN MANUFACTURING	23	42	4
12W61A0322	R42039	POWER PLANT ENGINEERING	24	34	4
12W61A0322	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	61	4
12W61A0322	R4203E	PROJECT WORK	47	145	12
12W61A0323	R42031	INTERACTIVE COMPUTER GRAPHICS	24	37	4
12W61A0323	R42034	AUTOMATION IN MANUFACTURING	25	65	4
12W61A0323	R42039	POWER PLANT ENGINEERING	25	40	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0323	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	35	4
12W61A0323	R4203E	PROJECT WORK	43	146	12
12W61A0324	R42031	INTERACTIVE COMPUTER GRAPHICS	24	72	4
12W61A0324	R42034	AUTOMATION IN MANUFACTURING	25	72	4
12W61A0324	R42039	POWER PLANT ENGINEERING	25	68	4
12W61A0324	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	38	4
12W61A0324	R4203E	PROJECT WORK	47	149	12
12W61A0325	R42031	INTERACTIVE COMPUTER GRAPHICS	24	35	4
12W61A0325	R42034	AUTOMATION IN MANUFACTURING	23	58	4
12W61A0325	R42039	POWER PLANT ENGINEERING	25	42	4
12W61A0325	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	29	4
12W61A0325	R4203E	PROJECT WORK	48	147	12
12W61A0327	R42031	INTERACTIVE COMPUTER GRAPHICS	23	32	4
12W61A0327	R42034	AUTOMATION IN MANUFACTURING	18	35	4
12W61A0327	R42039	POWER PLANT ENGINEERING	18	26	4
12W61A0327	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	35	4
12W61A0327	R4203E	PROJECT WORK	40	144	12
12W61A0329	R42031	INTERACTIVE COMPUTER GRAPHICS	23	30	4
12W61A0329	R42034	AUTOMATION IN MANUFACTURING	21	48	4
12W61A0329	R42039	POWER PLANT ENGINEERING	24	17	0
12W61A0329	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	27	4
12W61A0329	R4203E	PROJECT WORK	44	146	12
12W61A0330	R42031	INTERACTIVE COMPUTER GRAPHICS	23	18	0
12W61A0330	R42034	AUTOMATION IN MANUFACTURING	23	53	4
12W61A0330	R42039	POWER PLANT ENGINEERING	22	44	4
12W61A0330	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	26	4
12W61A0330	R4203E	PROJECT WORK	45	148	12
12W61A0331	R42031	INTERACTIVE COMPUTER GRAPHICS	22	19	0
12W61A0331	R42034	AUTOMATION IN MANUFACTURING	23	45	4
12W61A0331	R42039	POWER PLANT ENGINEERING	19	29	4
12W61A0331	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	15	20	0
12W61A0331	R4203E	PROJECT WORK	40	144	12
12W61A0332	R42031	INTERACTIVE COMPUTER GRAPHICS	20	46	4
12W61A0332	R42034	AUTOMATION IN MANUFACTURING	21	38	4
12W61A0332	R42039	POWER PLANT ENGINEERING	24	31	4
12W61A0332	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	44	4
12W61A0332	R4203E	PROJECT WORK	45	145	12
12W61A0333	R42031	INTERACTIVE COMPUTER GRAPHICS	19	26	4
12W61A0333	R42034	AUTOMATION IN MANUFACTURING	5	49	4
12W61A0333	R42039	POWER PLANT ENGINEERING	24	30	4
12W61A0333	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	34	4
12W61A0333	R4203E	PROJECT WORK	26	143	12
12W61A0334	R42031	INTERACTIVE COMPUTER GRAPHICS	23	33	4
12W61A0334	R42034	AUTOMATION IN MANUFACTURING	23	62	4
12W61A0334	R42039	POWER PLANT ENGINEERING	24	54	4
12W61A0334	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	41	4
12W61A0334	R4203E	PROJECT WORK	48	149	12
12W61A0335	R42031	INTERACTIVE COMPUTER GRAPHICS	18	12	0
12W61A0335	R42034	AUTOMATION IN MANUFACTURING	18	43	4
12W61A0335	R42039	POWER PLANT ENGINEERING	23	34	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0335	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	26	4
12W61A0335	R4203E	PROJECT WORK	34	140	12
12W61A0337	R42031	INTERACTIVE COMPUTER GRAPHICS	21	33	4
12W61A0337	R42034	AUTOMATION IN MANUFACTURING	20	26	4
12W61A0337	R42039	POWER PLANT ENGINEERING	22	38	4
12W61A0337	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	9	0
12W61A0337	R4203E	PROJECT WORK	40	144	12
12W61A0338	R42031	INTERACTIVE COMPUTER GRAPHICS	22	27	4
12W61A0338	R42034	AUTOMATION IN MANUFACTURING	22	60	4
12W61A0338	R42039	POWER PLANT ENGINEERING	22	41	4
12W61A0338	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	26	4
12W61A0338	R4203E	PROJECT WORK	45	145	12
12W61A0339	R42031	INTERACTIVE COMPUTER GRAPHICS	24	55	4
12W61A0339	R42034	AUTOMATION IN MANUFACTURING	20	60	4
12W61A0339	R42039	POWER PLANT ENGINEERING	25	41	4
12W61A0339	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	38	4
12W61A0339	R4203E	PROJECT WORK	42	146	12
12W61A0340	R42031	INTERACTIVE COMPUTER GRAPHICS	21	45	4
12W61A0340	R42034	AUTOMATION IN MANUFACTURING	20	51	4
12W61A0340	R42039	POWER PLANT ENGINEERING	24	35	4
12W61A0340	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	29	4
12W61A0340	R4203E	PROJECT WORK	43	148	12
12W61A0341	R42031	INTERACTIVE COMPUTER GRAPHICS	22	49	4
12W61A0341	R42034	AUTOMATION IN MANUFACTURING	16	46	4
12W61A0341	R42039	POWER PLANT ENGINEERING	15	33	4
12W61A0341	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	64	4
12W61A0341	R4203E	PROJECT WORK	46	148	12
12W61A0342	R42031	INTERACTIVE COMPUTER GRAPHICS	24	41	4
12W61A0342	R42034	AUTOMATION IN MANUFACTURING	24	61	4
12W61A0342	R42039	POWER PLANT ENGINEERING	25	51	4
12W61A0342	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	43	4
12W61A0342	R4203E	PROJECT WORK	46	147	12
12W61A0343	R42031	INTERACTIVE COMPUTER GRAPHICS	20	45	4
12W61A0343	R42034	AUTOMATION IN MANUFACTURING	19	62	4
12W61A0343	R42039	POWER PLANT ENGINEERING	6	51	4
12W61A0343	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	44	4
12W61A0343	R4203E	PROJECT WORK	42	146	12
12W61A0345	R42031	INTERACTIVE COMPUTER GRAPHICS	21	32	4
12W61A0345	R42034	AUTOMATION IN MANUFACTURING	18	40	4
12W61A0345	R42039	POWER PLANT ENGINEERING	24	33	4
12W61A0345	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	21	0
12W61A0345	R4203E	PROJECT WORK	42	144	12
12W61A0346	R42031	INTERACTIVE COMPUTER GRAPHICS	22	53	4
12W61A0346	R42034	AUTOMATION IN MANUFACTURING	21	46	4
12W61A0346	R42039	POWER PLANT ENGINEERING	21	26	4
12W61A0346	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	68	4
12W61A0346	R4203E	PROJECT WORK	45	146	12
12W61A0347	R42031	INTERACTIVE COMPUTER GRAPHICS	24	32	4
12W61A0347	R42034	AUTOMATION IN MANUFACTURING	23	58	4
12W61A0347	R42039	POWER PLANT ENGINEERING	23	30	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0347	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	31	4
12W61A0347	R4203E	PROJECT WORK	45	147	12
12W61A0348	R42031	INTERACTIVE COMPUTER GRAPHICS	24	34	4
12W61A0348	R42034	AUTOMATION IN MANUFACTURING	20	65	4
12W61A0348	R42039	POWER PLANT ENGINEERING	21	65	4
12W61A0348	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	54	4
12W61A0348	R4203E	PROJECT WORK	49	149	12
12W61A0349	R42031	INTERACTIVE COMPUTER GRAPHICS	22	33	4
12W61A0349	R42034	AUTOMATION IN MANUFACTURING	19	58	4
12W61A0349	R42039	POWER PLANT ENGINEERING	24	43	4
12W61A0349	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	37	4
12W61A0349	R4203E	PROJECT WORK	45	147	12
12W61A0350	R42031	INTERACTIVE COMPUTER GRAPHICS	22	49	4
12W61A0350	R42034	AUTOMATION IN MANUFACTURING	17	44	4
12W61A0350	R42039	POWER PLANT ENGINEERING	23	18	0
12W61A0350	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	44	4
12W61A0350	R4203E	PROJECT WORK	44	146	12
12W61A0351	R42031	INTERACTIVE COMPUTER GRAPHICS	23	34	4
12W61A0351	R42034	AUTOMATION IN MANUFACTURING	24	62	4
12W61A0351	R42039	POWER PLANT ENGINEERING	25	26	4
12W61A0351	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	36	4
12W61A0351	R4203E	PROJECT WORK	46	149	12
12W61A0352	R42031	INTERACTIVE COMPUTER GRAPHICS	25	46	4
12W61A0352	R42034	AUTOMATION IN MANUFACTURING	25	66	4
12W61A0352	R42039	POWER PLANT ENGINEERING	25	52	4
12W61A0352	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	25	45	4
12W61A0352	R4203E	PROJECT WORK	48	147	12
12W61A0355	R42031	INTERACTIVE COMPUTER GRAPHICS	23	34	4
12W61A0355	R42034	AUTOMATION IN MANUFACTURING	18	49	4
12W61A0355	R42039	POWER PLANT ENGINEERING	25	38	4
12W61A0355	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	38	4
12W61A0355	R4203E	PROJECT WORK	48	149	12
12W61A0356	R42031	INTERACTIVE COMPUTER GRAPHICS	14	16	0
12W61A0356	R42034	AUTOMATION IN MANUFACTURING	3	18	0
12W61A0356	R42039	POWER PLANT ENGINEERING	18	-1	0
12W61A0356	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	-1	0
12W61A0356	R4203E	PROJECT WORK	40	146	12
12W61A0357	R42031	INTERACTIVE COMPUTER GRAPHICS	23	35	4
12W61A0357	R42034	AUTOMATION IN MANUFACTURING	22	57	4
12W61A0357	R42039	POWER PLANT ENGINEERING	23	39	4
12W61A0357	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	44	4
12W61A0357	R4203E	PROJECT WORK	43	145	12
12W61A0358	R42031	INTERACTIVE COMPUTER GRAPHICS	20	32	4
12W61A0358	R42034	AUTOMATION IN MANUFACTURING	14	52	4
12W61A0358	R42039	POWER PLANT ENGINEERING	13	39	4
12W61A0358	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	26	4
12W61A0358	R4203E	PROJECT WORK	40	143	12
12W61A0359	R42031	INTERACTIVE COMPUTER GRAPHICS	21	35	4
12W61A0359	R42034	AUTOMATION IN MANUFACTURING	22	49	4
12W61A0359	R42039	POWER PLANT ENGINEERING	21	37	4



Htno	Subcode	Subname	Internal	External	credits
12W61A0359	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	34	4
12W61A0359	R4203E	PROJECT WORK	42	144	12
12W61A0401	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	40	4
12W61A0401	R42043	SATELLITE COMMUNICATIONS	18	40	4
12W61A0401	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	29	4
12W61A0401	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	39	4
12W61A0401	R4204B	PROJECT	47	143	12
12W61A0402	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	37	4
12W61A0402	R42043	SATELLITE COMMUNICATIONS	19	26	4
12W61A0402	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	22	0
12W61A0402	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	11	0
12W61A0402	R4204B	PROJECT	44	145	12
12W61A0403	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	32	4
12W61A0403	R42043	SATELLITE COMMUNICATIONS	18	43	4
12W61A0403	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	10	31	4
12W61A0403	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	29	4
12W61A0403	R4204B	PROJECT	46	146	12
12W61A0404	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	36	4
12W61A0404	R42043	SATELLITE COMMUNICATIONS	23	32	4
12W61A0404	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	50	4
12W61A0404	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	41	4
12W61A0404	R4204B	PROJECT	48	147	12
12W61A0405	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	29	4
12W61A0405	R42043	SATELLITE COMMUNICATIONS	19	34	4
12W61A0405	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	32	4
12W61A0405	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	26	4
12W61A0405	R4204B	PROJECT	48	144	12
12W61A0406	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	41	4
12W61A0406	R42043	SATELLITE COMMUNICATIONS	16	39	4
12W61A0406	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	31	4
12W61A0406	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	33	4
12W61A0406	R4204B	PROJECT	44	140	12
12W61A0407	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	59	4
12W61A0407	R42043	SATELLITE COMMUNICATIONS	17	51	4
12W61A0407	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	14	30	4
12W61A0407	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	36	4
12W61A0407	R4204B	PROJECT	40	145	12
12W61A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	37	4
12W61A0408	R42043	SATELLITE COMMUNICATIONS	17	30	4
12W61A0408	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	44	4
12W61A0408	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	46	4
12W61A0408	R4204B	PROJECT	35	140	12
12W61A0409	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	41	4
12W61A0409	R42043	SATELLITE COMMUNICATIONS	20	45	4
12W61A0409	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	40	4
12W61A0409	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	39	4
12W61A0409	R4204B	PROJECT	48	147	12
12W61A0410	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	41	4
12W61A0410	R42043	SATELLITE COMMUNICATIONS	20	26	4
12W61A0410	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	36	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0410	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	16	0
12W61A0410	R4204B	PROJECT	40	142	12
12W61A0411	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	53	4
12W61A0411	R42043	SATELLITE COMMUNICATIONS	19	42	4
12W61A0411	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	13	0
12W61A0411	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	33	4
12W61A0411	R4204B	PROJECT	46	145	12
12W61A0412	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	33	4
12W61A0412	R42043	SATELLITE COMMUNICATIONS	21	35	4
12W61A0412	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	47	4
12W61A0412	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	39	4
12W61A0412	R4204B	PROJECT	40	140	12
12W61A0413	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	21	0
12W61A0413	R42043	SATELLITE COMMUNICATIONS	15	31	4
12W61A0413	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	6	36	4
12W61A0413	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	9	9	0
12W61A0413	R4204B	PROJECT	33	135	12
12W61A0414	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	50	4
12W61A0414	R42043	SATELLITE COMMUNICATIONS	17	43	4
12W61A0414	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	41	4
12W61A0414	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	37	4
12W61A0414	R4204B	PROJECT	45	148	12
12W61A0415	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	45	4
12W61A0415	R42043	SATELLITE COMMUNICATIONS	21	49	4
12W61A0415	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	38	4
12W61A0415	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	51	4
12W61A0415	R4204B	PROJECT	48	147	12
12W61A0417	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	28	4
12W61A0417	R42043	SATELLITE COMMUNICATIONS	16	36	4
12W61A0417	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	26	4
12W61A0417	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	15	36	4
12W61A0417	R4204B	PROJECT	33	142	12
12W61A0419	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	41	4
12W61A0419	R42043	SATELLITE COMMUNICATIONS	19	44	4
12W61A0419	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	39	4
12W61A0419	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	41	4
12W61A0419	R4204B	PROJECT	35	145	12
12W61A0420	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	46	4
12W61A0420	R42043	SATELLITE COMMUNICATIONS	16	42	4
12W61A0420	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	30	4
12W61A0420	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	9	19	0
12W61A0420	R4204B	PROJECT	46	143	12
12W61A0421	R42041	CELLULAR AND MOBILE COMMUNICATIONS	7	19	0
12W61A0421	R42043	SATELLITE COMMUNICATIONS	3	39	4
12W61A0421	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	4	9	0
12W61A0421	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	7	28	0
12W61A0421	R4204B	PROJECT	42	130	12
12W61A0422	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	49	4
12W61A0422	R42043	SATELLITE COMMUNICATIONS	22	42	4
12W61A0422	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	56	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0422	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	43	4
12W61A0422	R4204B	PROJECT	47	147	12
12W61A0423	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	47	4
12W61A0423	R42043	SATELLITE COMMUNICATIONS	20	43	4
12W61A0423	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	43	4
12W61A0423	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	39	4
12W61A0423	R4204B	PROJECT	48	147	12
12W61A0424	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	34	4
12W61A0424	R42043	SATELLITE COMMUNICATIONS	22	29	4
12W61A0424	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	7	0
12W61A0424	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	15	16	0
12W61A0424	R4204B	PROJECT	44	138	12
12W61A0425	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	32	4
12W61A0425	R42043	SATELLITE COMMUNICATIONS	18	37	4
12W61A0425	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	31	4
12W61A0425	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	28	4
12W61A0425	R4204B	PROJECT	45	142	12
12W61A0426	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	28	4
12W61A0426	R42043	SATELLITE COMMUNICATIONS	23	33	4
12W61A0426	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	39	4
12W61A0426	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	38	4
12W61A0426	R4204B	PROJECT	43	143	12
12W61A0427	R42041	CELLULAR AND MOBILE COMMUNICATIONS	9	31	4
12W61A0427	R42043	SATELLITE COMMUNICATIONS	5	38	4
12W61A0427	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	11	36	4
12W61A0427	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	14	14	0
12W61A0427	R4204B	PROJECT	43	140	12
12W61A0428	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	54	4
12W61A0428	R42043	SATELLITE COMMUNICATIONS	21	59	4
12W61A0428	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	39	4
12W61A0428	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	37	4
12W61A0428	R4204B	PROJECT	48	147	12
12W61A0429	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	45	4
12W61A0429	R42043	SATELLITE COMMUNICATIONS	22	53	4
12W61A0429	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	34	4
12W61A0429	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	30	4
12W61A0429	R4204B	PROJECT	47	146	12
12W61A0430	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	28	4
12W61A0430	R42043	SATELLITE COMMUNICATIONS	20	41	4
12W61A0430	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	44	4
12W61A0430	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	50	4
12W61A0430	R4204B	PROJECT	40	145	12
12W61A0431	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	42	4
12W61A0431	R42043	SATELLITE COMMUNICATIONS	20	48	4
12W61A0431	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	42	4
12W61A0431	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	44	4
12W61A0431	R4204B	PROJECT	48	147	12
12W61A0432	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	48	4
12W61A0432	R42043	SATELLITE COMMUNICATIONS	19	44	4
12W61A0432	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	50	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0432	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	37	4
12W61A0432	R4204B	PROJECT	49	147	12
12W61A0433	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	42	4
12W61A0433	R42043	SATELLITE COMMUNICATIONS	18	49	4
12W61A0433	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	31	4
12W61A0433	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	53	4
12W61A0433	R4204B	PROJECT	44	145	12
12W61A0434	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	28	4
12W61A0434	R42043	SATELLITE COMMUNICATIONS	19	33	4
12W61A0434	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	37	4
12W61A0434	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	38	4
12W61A0434	R4204B	PROJECT	46	143	12
12W61A0435	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	47	4
12W61A0435	R42043	SATELLITE COMMUNICATIONS	20	44	4
12W61A0435	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	38	4
12W61A0435	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	10	0
12W61A0435	R4204B	PROJECT	44	143	12
12W61A0436	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	49	4
12W61A0436	R42043	SATELLITE COMMUNICATIONS	19	56	4
12W61A0436	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	27	4
12W61A0436	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	38	4
12W61A0436	R4204B	PROJECT	45	147	12
12W61A0437	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	40	4
12W61A0437	R42043	SATELLITE COMMUNICATIONS	20	58	4
12W61A0437	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	38	4
12W61A0437	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	39	4
12W61A0437	R4204B	PROJECT	34	140	12
12W61A0438	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	28	4
12W61A0438	R42043	SATELLITE COMMUNICATIONS	17	33	4
12W61A0438	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	12	56	4
12W61A0438	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	34	4
12W61A0438	R4204B	PROJECT	47	145	12
12W61A0439	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	52	4
12W61A0439	R42043	SATELLITE COMMUNICATIONS	22	55	4
12W61A0439	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	49	4
12W61A0439	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	14	47	4
12W61A0439	R4204B	PROJECT	48	145	12
12W61A0440	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	42	4
12W61A0440	R42043	SATELLITE COMMUNICATIONS	8	33	4
12W61A0440	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	38	4
12W61A0440	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	35	4
12W61A0440	R4204B	PROJECT	46	145	12
12W61A0442	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	48	4
12W61A0442	R42043	SATELLITE COMMUNICATIONS	23	63	4
12W61A0442	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	43	4
12W61A0442	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	43	4
12W61A0442	R4204B	PROJECT	49	147	12
12W61A0443	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	40	4
12W61A0443	R42043	SATELLITE COMMUNICATIONS	19	54	4
12W61A0443	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	60	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0443	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	47	4
12W61A0443	R4204B	PROJECT	49	147	12
12W61A0445	R42041	CELLULAR AND MOBILE COMMUNICATIONS	7	29	0
12W61A0445	R42043	SATELLITE COMMUNICATIONS	4	27	0
12W61A0445	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	3	27	0
12W61A0445	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	0	7	0
12W61A0445	R4204B	PROJECT	35	130	12
12W61A0446	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	54	4
12W61A0446	R42043	SATELLITE COMMUNICATIONS	20	49	4
12W61A0446	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	35	4
12W61A0446	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	26	4
12W61A0446	R4204B	PROJECT	46	145	12
12W61A0448	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	40	4
12W61A0448	R42043	SATELLITE COMMUNICATIONS	21	62	4
12W61A0448	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	31	4
12W61A0448	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	28	4
12W61A0448	R4204B	PROJECT	48	147	12
12W61A0449	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	29	4
12W61A0449	R42043	SATELLITE COMMUNICATIONS	21	48	4
12W61A0449	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	55	4
12W61A0449	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	47	4
12W61A0449	R4204B	PROJECT	47	147	12
12W61A0451	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	52	4
12W61A0451	R42043	SATELLITE COMMUNICATIONS	20	50	4
12W61A0451	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	30	4
12W61A0451	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	26	4
12W61A0451	R4204B	PROJECT	47	149	12
12W61A0452	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	38	4
12W61A0452	R42043	SATELLITE COMMUNICATIONS	19	49	4
12W61A0452	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	36	4
12W61A0452	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	34	4
12W61A0452	R4204B	PROJECT	46	147	12
12W61A0453	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	9	0
12W61A0453	R42043	SATELLITE COMMUNICATIONS	13	30	4
12W61A0453	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	6	0
12W61A0453	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	12	19	0
12W61A0453	R4204B	PROJECT	45	140	12
12W61A0454	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	19	0
12W61A0454	R42043	SATELLITE COMMUNICATIONS	19	40	4
12W61A0454	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	26	4
12W61A0454	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	15	29	4
12W61A0454	R4204B	PROJECT	36	142	12
12W61A0455	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	39	4
12W61A0455	R42043	SATELLITE COMMUNICATIONS	20	45	4
12W61A0455	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	35	4
12W61A0455	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	11	0
12W61A0455	R4204B	PROJECT	46	145	12
12W61A0456	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	35	4
12W61A0456	R42043	SATELLITE COMMUNICATIONS	23	36	4
12W61A0456	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	38	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0456	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	26	4
12W61A0456	R4204B	PROJECT	35	142	12
12W61A0457	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	51	4
12W61A0457	R42043	SATELLITE COMMUNICATIONS	21	42	4
12W61A0457	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	14	0
12W61A0457	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	36	4
12W61A0457	R4204B	PROJECT	35	135	12
12W61A0458	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	15	0
12W61A0458	R42043	SATELLITE COMMUNICATIONS	22	13	0
12W61A0458	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	36	4
12W61A0458	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	13	0
12W61A0458	R4204B	PROJECT	38	142	12
12W61A0459	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	27	4
12W61A0459	R42043	SATELLITE COMMUNICATIONS	20	42	4
12W61A0459	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	33	4
12W61A0459	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	12	0
12W61A0459	R4204B	PROJECT	49	145	12
12W61A0460	R42041	CELLULAR AND MOBILE COMMUNICATIONS	0	-1	0
12W61A0460	R42043	SATELLITE COMMUNICATIONS	0	-1	0
12W61A0460	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	0	-1	0
12W61A0460	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	2	-1	0
12W61A0460	R4204B	PROJECT	42	-1	0
12W61A0461	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	57	4
12W61A0461	R42043	SATELLITE COMMUNICATIONS	24	56	4
12W61A0461	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	30	4
12W61A0461	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	45	4
12W61A0461	R4204B	PROJECT	48	147	12
12W61A0462	R42041	CELLULAR AND MOBILE COMMUNICATIONS	15	28	4
12W61A0462	R42043	SATELLITE COMMUNICATIONS	17	30	4
12W61A0462	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	6	0
12W61A0462	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	29	4
12W61A0462	R4204B	PROJECT	40	143	12
12W61A0463	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	42	4
12W61A0463	R42043	SATELLITE COMMUNICATIONS	24	43	4
12W61A0463	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	35	4
12W61A0463	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	41	4
12W61A0463	R4204B	PROJECT	48	147	12
12W61A0464	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	43	4
12W61A0464	R42043	SATELLITE COMMUNICATIONS	21	56	4
12W61A0464	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	43	4
12W61A0464	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	30	4
12W61A0464	R4204B	PROJECT	48	147	12
12W61A0466	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	49	4
12W61A0466	R42043	SATELLITE COMMUNICATIONS	22	47	4
12W61A0466	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	30	4
12W61A0466	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	35	4
12W61A0466	R4204B	PROJECT	45	145	12
12W61A0467	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	39	4
12W61A0467	R42043	SATELLITE COMMUNICATIONS	18	45	4
12W61A0467	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	48	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0467	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	46	4
12W61A0467	R4204B	PROJECT	30	140	12
12W61A0468	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	57	4
12W61A0468	R42043	SATELLITE COMMUNICATIONS	21	47	4
12W61A0468	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	39	4
12W61A0468	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	29	4
12W61A0468	R4204B	PROJECT	48	148	12
12W61A0471	R42041	CELLULAR AND MOBILE COMMUNICATIONS	8	39	4
12W61A0471	R42043	SATELLITE COMMUNICATIONS	19	37	4
12W61A0471	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	30	4
12W61A0471	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	18	0
12W61A0471	R4204B	PROJECT	44	140	12
12W61A0473	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	40	4
12W61A0473	R42043	SATELLITE COMMUNICATIONS	23	40	4
12W61A0473	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	30	4
12W61A0473	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	42	4
12W61A0473	R4204B	PROJECT	45	146	12
12W61A0474	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	19	0
12W61A0474	R42043	SATELLITE COMMUNICATIONS	18	34	4
12W61A0474	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	26	4
12W61A0474	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	34	4
12W61A0474	R4204B	PROJECT	48	145	12
12W61A0475	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	34	4
12W61A0475	R42043	SATELLITE COMMUNICATIONS	11	31	4
12W61A0475	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	28	4
12W61A0475	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	21	29	4
12W61A0475	R4204B	PROJECT	38	143	12
12W61A0476	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	36	4
12W61A0476	R42043	SATELLITE COMMUNICATIONS	20	37	4
12W61A0476	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	42	4
12W61A0476	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	17	0
12W61A0476	R4204B	PROJECT	48	145	12
12W61A0477	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	56	4
12W61A0477	R42043	SATELLITE COMMUNICATIONS	22	63	4
12W61A0477	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	16	0
12W61A0477	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	59	4
12W61A0477	R4204B	PROJECT	48	149	12
12W61A0478	R42041	CELLULAR AND MOBILE COMMUNICATIONS	10	-1	0
12W61A0478	R42043	SATELLITE COMMUNICATIONS	12	-1	0
12W61A0478	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	-1	0
12W61A0478	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	-1	0
12W61A0478	R4204B	PROJECT	45	-1	0
12W61A0479	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	43	4
12W61A0479	R42043	SATELLITE COMMUNICATIONS	24	42	4
12W61A0479	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	-1	0
12W61A0479	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	45	4
12W61A0479	R4204B	PROJECT	50	148	12
12W61A0480	R42041	CELLULAR AND MOBILE COMMUNICATIONS	14	34	4
12W61A0480	R42043	SATELLITE COMMUNICATIONS	18	39	4
12W61A0480	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	13	27	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0480	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	14	0
12W61A0480	R4204B	PROJECT	46	145	12
12W61A0481	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	50	4
12W61A0481	R42043	SATELLITE COMMUNICATIONS	21	52	4
12W61A0481	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	30	4
12W61A0481	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	48	4
12W61A0481	R4204B	PROJECT	50	147	12
12W61A0482	R42041	CELLULAR AND MOBILE COMMUNICATIONS	25	31	4
12W61A0482	R42043	SATELLITE COMMUNICATIONS	22	30	4
12W61A0482	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	39	4
12W61A0482	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	37	4
12W61A0482	R4204B	PROJECT	49	149	12
12W61A0483	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	52	4
12W61A0483	R42043	SATELLITE COMMUNICATIONS	20	44	4
12W61A0483	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	39	4
12W61A0483	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	42	4
12W61A0483	R4204B	PROJECT	48	147	12
12W61A0485	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	34	4
12W61A0485	R42043	SATELLITE COMMUNICATIONS	18	45	4
12W61A0485	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	28	4
12W61A0485	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	26	4
12W61A0485	R4204B	PROJECT	46	146	12
12W61A0486	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	37	4
12W61A0486	R42043	SATELLITE COMMUNICATIONS	22	39	4
12W61A0486	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	7	0
12W61A0486	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	56	4
12W61A0486	R4204B	PROJECT	47	145	12
12W61A0487	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	28	4
12W61A0487	R42043	SATELLITE COMMUNICATIONS	23	42	4
12W61A0487	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	25	41	4
12W61A0487	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	47	4
12W61A0487	R4204B	PROJECT	44	143	12
12W61A0488	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	35	4
12W61A0488	R42043	SATELLITE COMMUNICATIONS	22	34	4
12W61A0488	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	33	4
12W61A0488	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	13	0
12W61A0488	R4204B	PROJECT	44	140	12
12W61A0489	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	38	4
12W61A0489	R42043	SATELLITE COMMUNICATIONS	20	34	4
12W61A0489	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	37	4
12W61A0489	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	26	4
12W61A0489	R4204B	PROJECT	40	145	12
12W61A0490	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	36	4
12W61A0490	R42043	SATELLITE COMMUNICATIONS	17	49	4
12W61A0490	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	17	0
12W61A0490	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	52	4
12W61A0490	R4204B	PROJECT	38	139	12
12W61A0491	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	36	4
12W61A0491	R42043	SATELLITE COMMUNICATIONS	22	41	4
12W61A0491	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	52	4



Htno	Subcode	Subname	Internal	External	credits
12W61A0491	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	47	4
12W61A0491	R4204B	PROJECT	46	147	12
12W61A0492	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	46	4
12W61A0492	R42043	SATELLITE COMMUNICATIONS	21	41	4
12W61A0492	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	31	4
12W61A0492	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	39	4
12W61A0492	R4204B	PROJECT	46	145	12
12W61A0494	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	23	0
12W61A0494	R42043	SATELLITE COMMUNICATIONS	20	16	0
12W61A0494	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	27	4
12W61A0494	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	15	0
12W61A0494	R4204B	PROJECT	46	143	12
12W61A0495	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	59	4
12W61A0495	R42043	SATELLITE COMMUNICATIONS	25	44	4
12W61A0495	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	25	51	4
12W61A0495	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	64	4
12W61A0495	R4204B	PROJECT	48	148	12
12W61A0496	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	28	4
12W61A0496	R42043	SATELLITE COMMUNICATIONS	19	30	4
12W61A0496	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	51	4
12W61A0496	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	21	42	4
12W61A0496	R4204B	PROJECT	44	142	12
12W61A0497	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	51	4
12W61A0497	R42043	SATELLITE COMMUNICATIONS	24	46	4
12W61A0497	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	38	4
12W61A0497	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	42	4
12W61A0497	R4204B	PROJECT	45	145	12
12W61A0498	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	56	4
12W61A0498	R42043	SATELLITE COMMUNICATIONS	21	53	4
12W61A0498	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	35	4
12W61A0498	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	43	4
12W61A0498	R4204B	PROJECT	48	147	12
12W61A0499	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	48	4
12W61A0499	R42043	SATELLITE COMMUNICATIONS	23	56	4
12W61A0499	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	30	4
12W61A0499	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	48	4
12W61A0499	R4204B	PROJECT	46	147	12
12W61A04A0	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	33	4
12W61A04A0	R42043	SATELLITE COMMUNICATIONS	22	42	4
12W61A04A0	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	52	4
12W61A04A0	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	37	4
12W61A04A0	R4204B	PROJECT	46	146	12
12W61A04A1	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	48	4
12W61A04A1	R42043	SATELLITE COMMUNICATIONS	19	37	4
12W61A04A1	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	14	38	4
12W61A04A1	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	9	39	4
12W61A04A1	R4204B	PROJECT	44	138	12
12W61A04A2	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	60	4
12W61A04A2	R42043	SATELLITE COMMUNICATIONS	25	56	4
12W61A04A2	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	51	4

Htno	Subcode	Subname	Internal	External	credits
12W61A04A2	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	50	4
12W61A04A2	R4204B	PROJECT	49	149	12
12W61A04A3	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	71	4
12W61A04A3	R42043	SATELLITE COMMUNICATIONS	23	63	4
12W61A04A3	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	25	49	4
12W61A04A3	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	47	4
12W61A04A3	R4204B	PROJECT	48	147	12
12W61A04A4	R42041	CELLULAR AND MOBILE COMMUNICATIONS	12	2	0
12W61A04A4	R42043	SATELLITE COMMUNICATIONS	9	26	0
12W61A04A4	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	14	8	0
12W61A04A4	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	6	34	4
12W61A04A4	R4204B	PROJECT	42	136	12
12W61A04A5	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	52	4
12W61A04A5	R42043	SATELLITE COMMUNICATIONS	25	48	4
12W61A04A5	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	36	4
12W61A04A5	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	26	4
12W61A04A5	R4204B	PROJECT	48	148	12
12W61A04A6	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	62	4
12W61A04A6	R42043	SATELLITE COMMUNICATIONS	25	59	4
12W61A04A6	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	52	4
12W61A04A6	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	48	4
12W61A04A6	R4204B	PROJECT	49	148	12
12W61A04A7	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	55	4
12W61A04A7	R42043	SATELLITE COMMUNICATIONS	23	60	4
12W61A04A7	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	41	4
12W61A04A7	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	55	4
12W61A04A7	R4204B	PROJECT	47	146	12
12W61A04A8	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	33	4
12W61A04A8	R42043	SATELLITE COMMUNICATIONS	21	38	4
12W61A04A8	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	55	4
12W61A04A8	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	50	4
12W61A04A8	R4204B	PROJECT	44	144	12
12W61A0501	R42051	DISTRIBUTED SYSTEMS	17	34	4
12W61A0501	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	42	4
12W61A0501	R4205A	ARTIFICIAL INTELLIGENCE	15	38	4
12W61A0501	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	45	4
12W61A0501	R4205H	PROJECT	45	142	12
12W61A0502	R42051	DISTRIBUTED SYSTEMS	15	48	4
12W61A0502	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	29	4
12W61A0502	R4205A	ARTIFICIAL INTELLIGENCE	19	35	4
12W61A0502	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	16	0
12W61A0502	R4205H	PROJECT	44	138	12
12W61A0503	R42051	DISTRIBUTED SYSTEMS	14	33	4
12W61A0503	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	16	13	0
12W61A0503	R4205A	ARTIFICIAL INTELLIGENCE	14	26	4
12W61A0503	R4205G	E- COMMERCE (COMMON TO CSE & IT)	11	11	0
12W61A0503	R4205H	PROJECT	42	135	12
12W61A0504	R42051	DISTRIBUTED SYSTEMS	21	39	4
12W61A0504	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	28	4
12W61A0504	R4205A	ARTIFICIAL INTELLIGENCE	21	32	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0504	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	48	4
12W61A0504	R4205H	PROJECT	47	142	12
12W61A0506	R42051	DISTRIBUTED SYSTEMS	24	59	4
12W61A0506	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	46	4
12W61A0506	R4205A	ARTIFICIAL INTELLIGENCE	22	68	4
12W61A0506	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	28	4
12W61A0506	R4205H	PROJECT	49	148	12
12W61A0507	R42051	DISTRIBUTED SYSTEMS	15	47	4
12W61A0507	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	41	4
12W61A0507	R4205A	ARTIFICIAL INTELLIGENCE	24	45	4
12W61A0507	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	41	4
12W61A0507	R4205H	PROJECT	45	145	12
12W61A0509	R42051	DISTRIBUTED SYSTEMS	19	34	4
12W61A0509	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	26	4
12W61A0509	R4205A	ARTIFICIAL INTELLIGENCE	20	46	4
12W61A0509	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	44	4
12W61A0509	R4205H	PROJECT	44	141	12
12W61A0510	R42051	DISTRIBUTED SYSTEMS	16	40	4
12W61A0510	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	42	4
12W61A0510	R4205A	ARTIFICIAL INTELLIGENCE	14	38	4
12W61A0510	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	50	4
12W61A0510	R4205H	PROJECT	46	140	12
12W61A0511	R42051	DISTRIBUTED SYSTEMS	18	42	4
12W61A0511	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	16	45	4
12W61A0511	R4205A	ARTIFICIAL INTELLIGENCE	14	68	4
12W61A0511	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	41	4
12W61A0511	R4205H	PROJECT	45	144	12
12W61A0512	R42051	DISTRIBUTED SYSTEMS	17	45	4
12W61A0512	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	19	0
12W61A0512	R4205A	ARTIFICIAL INTELLIGENCE	22	50	4
12W61A0512	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	37	4
12W61A0512	R4205H	PROJECT	42	140	12
12W61A0513	R42051	DISTRIBUTED SYSTEMS	16	53	4
12W61A0513	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	41	4
12W61A0513	R4205A	ARTIFICIAL INTELLIGENCE	22	57	4
12W61A0513	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	50	4
12W61A0513	R4205H	PROJECT	48	146	12
12W61A0514	R42051	DISTRIBUTED SYSTEMS	19	36	4
12W61A0514	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	49	4
12W61A0514	R4205A	ARTIFICIAL INTELLIGENCE	20	53	4
12W61A0514	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	47	4
12W61A0514	R4205H	PROJECT	45	144	12
12W61A0515	R42051	DISTRIBUTED SYSTEMS	19	52	4
12W61A0515	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	44	4
12W61A0515	R4205A	ARTIFICIAL INTELLIGENCE	20	60	4
12W61A0515	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	46	4
12W61A0515	R4205H	PROJECT	47	145	12
12W61A0518	R42051	DISTRIBUTED SYSTEMS	18	34	4
12W61A0518	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	15	0
12W61A0518	R4205A	ARTIFICIAL INTELLIGENCE	12	57	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0518	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	35	4
12W61A0518	R4205H	PROJECT	47	144	12
12W61A0519	R42051	DISTRIBUTED SYSTEMS	15	32	4
12W61A0519	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	26	4
12W61A0519	R4205A	ARTIFICIAL INTELLIGENCE	12	61	4
12W61A0519	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	7	0
12W61A0519	R4205H	PROJECT	44	135	12
12W61A0520	R42051	DISTRIBUTED SYSTEMS	18	34	4
12W61A0520	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	15	38	4
12W61A0520	R4205A	ARTIFICIAL INTELLIGENCE	11	40	4
12W61A0520	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	45	4
12W61A0520	R4205H	PROJECT	46	140	12
12W61A0521	R42051	DISTRIBUTED SYSTEMS	23	37	4
12W61A0521	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	40	4
12W61A0521	R4205A	ARTIFICIAL INTELLIGENCE	23	51	4
12W61A0521	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	31	4
12W61A0521	R4205H	PROJECT	42	142	12
12W61A0522	R42051	DISTRIBUTED SYSTEMS	19	42	4
12W61A0522	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	29	4
12W61A0522	R4205A	ARTIFICIAL INTELLIGENCE	16	54	4
12W61A0522	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	43	4
12W61A0522	R4205H	PROJECT	48	147	12
12W61A0523	R42051	DISTRIBUTED SYSTEMS	20	52	4
12W61A0523	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	37	4
12W61A0523	R4205A	ARTIFICIAL INTELLIGENCE	22	58	4
12W61A0523	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	47	4
12W61A0523	R4205H	PROJECT	48	147	12
12W61A0524	R42051	DISTRIBUTED SYSTEMS	18	39	4
12W61A0524	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	35	4
12W61A0524	R4205A	ARTIFICIAL INTELLIGENCE	20	49	4
12W61A0524	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	45	4
12W61A0524	R4205H	PROJECT	47	142	12
12W61A0525	R42051	DISTRIBUTED SYSTEMS	13	60	4
12W61A0525	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	46	4
12W61A0525	R4205A	ARTIFICIAL INTELLIGENCE	18	55	4
12W61A0525	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	40	4
12W61A0525	R4205H	PROJECT	46	140	12
12W61A0526	R42051	DISTRIBUTED SYSTEMS	17	29	4
12W61A0526	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	31	4
12W61A0526	R4205A	ARTIFICIAL INTELLIGENCE	22	29	4
12W61A0526	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	39	4
12W61A0526	R4205H	PROJECT	44	135	12
12W61A0527	R42051	DISTRIBUTED SYSTEMS	17	38	4
12W61A0527	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	37	4
12W61A0527	R4205A	ARTIFICIAL INTELLIGENCE	19	54	4
12W61A0527	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	48	4
12W61A0527	R4205H	PROJECT	46	142	12
12W61A0529	R42051	DISTRIBUTED SYSTEMS	12	31	4
12W61A0529	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	27	4
12W61A0529	R4205A	ARTIFICIAL INTELLIGENCE	16	26	4

Htno	Subcode	Subname	Internal	External	credits
12W61A0529	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	47	4
12W61A0529	R4205H	PROJECT	46	142	12
12W61A0530	R42051	DISTRIBUTED SYSTEMS	14	40	4
12W61A0530	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	40	4
12W61A0530	R4205A	ARTIFICIAL INTELLIGENCE	14	47	4
12W61A0530	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	34	4
12W61A0530	R4205H	PROJECT	46	145	12
12W61A0531	R42051	DISTRIBUTED SYSTEMS	18	44	4
12W61A0531	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	30	4
12W61A0531	R4205A	ARTIFICIAL INTELLIGENCE	16	37	4
12W61A0531	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	33	4
12W61A0531	R4205H	PROJECT	47	145	12
12W61A0534	R42051	DISTRIBUTED SYSTEMS	14	36	4
12W61A0534	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	15	0
12W61A0534	R4205A	ARTIFICIAL INTELLIGENCE	23	31	4
12W61A0534	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	42	4
12W61A0534	R4205H	PROJECT	42	135	12
12W61A0535	R42051	DISTRIBUTED SYSTEMS	19	41	4
12W61A0535	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	46	4
12W61A0535	R4205A	ARTIFICIAL INTELLIGENCE	15	41	4
12W61A0535	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	54	4
12W61A0535	R4205H	PROJECT	48	142	12
12W61A0536	R42051	DISTRIBUTED SYSTEMS	20	52	4
12W61A0536	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	49	4
12W61A0536	R4205A	ARTIFICIAL INTELLIGENCE	18	57	4
12W61A0536	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	55	4
12W61A0536	R4205H	PROJECT	48	144	12
12W65A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	22	32	4
12W65A0309	R42034	AUTOMATION IN MANUFACTURING	20	37	4
12W65A0309	R42039	POWER PLANT ENGINEERING	25	26	4
12W65A0309	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	12	42	4
12W65A0309	R4203E	PROJECT WORK	37	145	12
12W65A0313	R42039	POWER PLANT ENGINEERING	21	-1	0
12W65A0407	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	-1	0
13W65A0101	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	27	4
13W65A0101	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	50	4
13W65A0101	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	20	37	4
13W65A0101	R42019	ADVANCED STRUCTURAL ANALYSIS	19	35	4
13W65A0101	R4201B	PROJECT WORK	47	146	12
13W65A0102	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	17	0
13W65A0102	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	43	4
13W65A0102	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	45	4
13W65A0102	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
13W65A0102	R4201B	PROJECT WORK	49	147	12
13W65A0103	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	55	4
13W65A0103	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	48	4
13W65A0103	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	40	4
13W65A0103	R42019	ADVANCED STRUCTURAL ANALYSIS	19	39	4
13W65A0103	R4201B	PROJECT WORK	48	149	12
13W65A0104	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	45	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0104	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	16	0
13W65A0104	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	36	4
13W65A0104	R42019	ADVANCED STRUCTURAL ANALYSIS	18	54	4
13W65A0104	R4201B	PROJECT WORK	48	146	12
13W65A0105	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	15	26	4
13W65A0105	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	47	4
13W65A0105	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	13	9	0
13W65A0105	R42019	ADVANCED STRUCTURAL ANALYSIS	17	36	4
13W65A0105	R4201B	PROJECT WORK	48	148	12
13W65A0106	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	26	4
13W65A0106	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	20	42	4
13W65A0106	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	39	4
13W65A0106	R42019	ADVANCED STRUCTURAL ANALYSIS	19	31	4
13W65A0106	R4201B	PROJECT WORK	49	148	12
13W65A0107	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	70	4
13W65A0107	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	56	4
13W65A0107	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	42	4
13W65A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	19	39	4
13W65A0107	R4201B	PROJECT WORK	49	147	12
13W65A0108	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	32	4
13W65A0108	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	17	0
13W65A0108	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	19	37	4
13W65A0108	R42019	ADVANCED STRUCTURAL ANALYSIS	23	44	4
13W65A0108	R4201B	PROJECT WORK	49	149	12
13W65A0109	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	33	4
13W65A0109	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	19	51	4
13W65A0109	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	40	4
13W65A0109	R42019	ADVANCED STRUCTURAL ANALYSIS	15	49	4
13W65A0109	R4201B	PROJECT WORK	49	148	12
13W65A0110	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	14	26	4
13W65A0110	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	18	47	4
13W65A0110	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	41	4
13W65A0110	R42019	ADVANCED STRUCTURAL ANALYSIS	17	32	4
13W65A0110	R4201B	PROJECT WORK	45	140	12
13W65A0111	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	18	0
13W65A0111	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	16	57	4
13W65A0111	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	18	37	4
13W65A0111	R42019	ADVANCED STRUCTURAL ANALYSIS	17	10	0
13W65A0111	R4201B	PROJECT WORK	48	147	12
13W65A0112	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	40	4
13W65A0112	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	21	72	4
13W65A0112	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	31	4
13W65A0112	R42019	ADVANCED STRUCTURAL ANALYSIS	21	48	4
13W65A0112	R4201B	PROJECT WORK	48	149	12
13W65A0113	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	33	4
13W65A0113	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	20	56	4
13W65A0113	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	17	54	4
13W65A0113	R42019	ADVANCED STRUCTURAL ANALYSIS	22	42	4
13W65A0113	R4201B	PROJECT WORK	50	149	12
13W65A0115	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	26	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0115	R42014	ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEM	17	44	4
13W65A0115	R42017	PAVEMENT ANALYSIS DESIGN AND EVALUATION	16	43	4
13W65A0115	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
13W65A0115	R4201B	PROJECT WORK	45	140	12
13W65A0201	R42021	DIGITAL CONTROL SYSTEMS	22	26	4
13W65A0201	R42024	SPECIAL ELECTRICAL MACHINES	22	36	4
13W65A0201	R42025	NON CONVENTIONAL SOURCES OF ENERGY	16	44	4
13W65A0201	R42028	OOPS THROUGH JAVA	15	39	4
13W65A0201	R4202B	PROJECT	45	134	12
13W65A0202	R42021	DIGITAL CONTROL SYSTEMS	21	64	4
13W65A0202	R42024	SPECIAL ELECTRICAL MACHINES	21	50	4
13W65A0202	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	47	4
13W65A0202	R42028	OOPS THROUGH JAVA	18	43	4
13W65A0202	R4202B	PROJECT	40	140	12
13W65A0203	R42021	DIGITAL CONTROL SYSTEMS	18	66	4
13W65A0203	R42024	SPECIAL ELECTRICAL MACHINES	19	36	4
13W65A0203	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	46	4
13W65A0203	R42028	OOPS THROUGH JAVA	15	28	4
13W65A0203	R4202B	PROJECT	43	134	12
13W65A0204	R42021	DIGITAL CONTROL SYSTEMS	17	33	4
13W65A0204	R42024	SPECIAL ELECTRICAL MACHINES	22	14	0
13W65A0204	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	41	4
13W65A0204	R42028	OOPS THROUGH JAVA	17	13	0
13W65A0204	R4202B	PROJECT	43	143	12
13W65A0205	R42021	DIGITAL CONTROL SYSTEMS	17	28	4
13W65A0205	R42024	SPECIAL ELECTRICAL MACHINES	25	56	4
13W65A0205	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	35	4
13W65A0205	R42028	OOPS THROUGH JAVA	14	26	4
13W65A0205	R4202B	PROJECT	42	140	12
13W65A0206	R42021	DIGITAL CONTROL SYSTEMS	22	62	4
13W65A0206	R42024	SPECIAL ELECTRICAL MACHINES	24	55	4
13W65A0206	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	52	4
13W65A0206	R42028	OOPS THROUGH JAVA	19	41	4
13W65A0206	R4202B	PROJECT	43	139	12
13W65A0207	R42021	DIGITAL CONTROL SYSTEMS	24	75	4
13W65A0207	R42024	SPECIAL ELECTRICAL MACHINES	25	51	4
13W65A0207	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	62	4
13W65A0207	R42028	OOPS THROUGH JAVA	24	37	4
13W65A0207	R4202B	PROJECT	49	147	12
13W65A0211	R42021	DIGITAL CONTROL SYSTEMS	20	39	4
13W65A0211	R42024	SPECIAL ELECTRICAL MACHINES	18	37	4
13W65A0211	R42025	NON CONVENTIONAL SOURCES OF ENERGY	13	32	4
13W65A0211	R42028	OOPS THROUGH JAVA	13	32	4
13W65A0211	R4202B	PROJECT	45	137	12
13W65A0212	R42021	DIGITAL CONTROL SYSTEMS	13	30	4
13W65A0212	R42024	SPECIAL ELECTRICAL MACHINES	13	45	4
13W65A0212	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	33	4
13W65A0212	R42028	OOPS THROUGH JAVA	15	44	4
13W65A0212	R4202B	PROJECT	45	136	12
13W65A0213	R42021	DIGITAL CONTROL SYSTEMS	25	71	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0213	R42024	SPECIAL ELECTRICAL MACHINES	24	43	4
13W65A0213	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	46	4
13W65A0213	R42028	OOPS THROUGH JAVA	21	41	4
13W65A0213	R4202B	PROJECT	49	149	12
13W65A0214	R42021	DIGITAL CONTROL SYSTEMS	20	55	4
13W65A0214	R42024	SPECIAL ELECTRICAL MACHINES	22	47	4
13W65A0214	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	51	4
13W65A0214	R42028	OOPS THROUGH JAVA	18	39	4
13W65A0214	R4202B	PROJECT	36	121	12
13W65A0215	R42021	DIGITAL CONTROL SYSTEMS	24	46	4
13W65A0215	R42024	SPECIAL ELECTRICAL MACHINES	20	35	4
13W65A0215	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	41	4
13W65A0215	R42028	OOPS THROUGH JAVA	19	43	4
13W65A0215	R4202B	PROJECT	48	146	12
13W65A0216	R42021	DIGITAL CONTROL SYSTEMS	15	26	4
13W65A0216	R42024	SPECIAL ELECTRICAL MACHINES	24	52	4
13W65A0216	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	41	4
13W65A0216	R42028	OOPS THROUGH JAVA	20	40	4
13W65A0216	R4202B	PROJECT	49	148	12
13W65A0217	R42021	DIGITAL CONTROL SYSTEMS	24	55	4
13W65A0217	R42024	SPECIAL ELECTRICAL MACHINES	24	56	4
13W65A0217	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	50	4
13W65A0217	R42028	OOPS THROUGH JAVA	20	41	4
13W65A0217	R4202B	PROJECT	49	146	12
13W65A0219	R42021	DIGITAL CONTROL SYSTEMS	24	37	4
13W65A0219	R42024	SPECIAL ELECTRICAL MACHINES	12	38	4
13W65A0219	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	44	4
13W65A0219	R42028	OOPS THROUGH JAVA	18	28	4
13W65A0219	R4202B	PROJECT	47	146	12
13W65A0220	R42021	DIGITAL CONTROL SYSTEMS	25	46	4
13W65A0220	R42024	SPECIAL ELECTRICAL MACHINES	25	39	4
13W65A0220	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	44	4
13W65A0220	R42028	OOPS THROUGH JAVA	16	47	4
13W65A0220	R4202B	PROJECT	49	147	12
13W65A0221	R42021	DIGITAL CONTROL SYSTEMS	15	8	0
13W65A0221	R42024	SPECIAL ELECTRICAL MACHINES	20	36	4
13W65A0221	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	7	0
13W65A0221	R42028	OOPS THROUGH JAVA	13	4	0
13W65A0221	R4202B	PROJECT	43	138	12
13W65A0222	R42021	DIGITAL CONTROL SYSTEMS	24	57	4
13W65A0222	R42024	SPECIAL ELECTRICAL MACHINES	18	51	4
13W65A0222	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	46	4
13W65A0222	R42028	OOPS THROUGH JAVA	17	38	4
13W65A0222	R4202B	PROJECT	46	142	12
13W65A0223	R42021	DIGITAL CONTROL SYSTEMS	23	43	4
13W65A0223	R42024	SPECIAL ELECTRICAL MACHINES	20	32	4
13W65A0223	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	48	4
13W65A0223	R42028	OOPS THROUGH JAVA	17	42	4
13W65A0223	R4202B	PROJECT	40	144	12
13W65A0224	R42021	DIGITAL CONTROL SYSTEMS	24	58	4



Htno	Subcode	Subname	Internal	External	credits
13W65A0224	R42024	SPECIAL ELECTRICAL MACHINES	24	62	4
13W65A0224	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	53	4
13W65A0224	R42028	OOPS THROUGH JAVA	21	45	4
13W65A0224	R4202B	PROJECT	49	148	12
13W65A0225	R42021	DIGITAL CONTROL SYSTEMS	24	42	4
13W65A0225	R42024	SPECIAL ELECTRICAL MACHINES	24	53	4
13W65A0225	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	40	4
13W65A0225	R42028	OOPS THROUGH JAVA	18	36	4
13W65A0225	R4202B	PROJECT	45	137	12
13W65A0226	R42021	DIGITAL CONTROL SYSTEMS	23	57	4
13W65A0226	R42024	SPECIAL ELECTRICAL MACHINES	23	47	4
13W65A0226	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	49	4
13W65A0226	R42028	OOPS THROUGH JAVA	17	43	4
13W65A0226	R4202B	PROJECT	45	145	12
13W65A0228	R42021	DIGITAL CONTROL SYSTEMS	21	57	4
13W65A0228	R42024	SPECIAL ELECTRICAL MACHINES	23	44	4
13W65A0228	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	58	4
13W65A0228	R42028	OOPS THROUGH JAVA	18	18	0
13W65A0228	R4202B	PROJECT	48	144	12
13W65A0229	R42021	DIGITAL CONTROL SYSTEMS	23	52	4
13W65A0229	R42024	SPECIAL ELECTRICAL MACHINES	11	53	4
13W65A0229	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	44	4
13W65A0229	R42028	OOPS THROUGH JAVA	19	30	4
13W65A0229	R4202B	PROJECT	46	141	12
13W65A0230	R42021	DIGITAL CONTROL SYSTEMS	20	13	0
13W65A0230	R42024	SPECIAL ELECTRICAL MACHINES	19	68	4
13W65A0230	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	38	4
13W65A0230	R42028	OOPS THROUGH JAVA	14	36	4
13W65A0230	R4202B	PROJECT	45	140	12
13W65A0231	R42021	DIGITAL CONTROL SYSTEMS	23	54	4
13W65A0231	R42024	SPECIAL ELECTRICAL MACHINES	22	48	4
13W65A0231	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	46	4
13W65A0231	R42028	OOPS THROUGH JAVA	18	41	4
13W65A0231	R4202B	PROJECT	49	147	12
13W65A0232	R42021	DIGITAL CONTROL SYSTEMS	22	40	4
13W65A0232	R42024	SPECIAL ELECTRICAL MACHINES	20	37	4
13W65A0232	R42025	NON CONVENTIONAL SOURCES OF ENERGY	15	30	4
13W65A0232	R42028	OOPS THROUGH JAVA	11	18	0
13W65A0232	R4202B	PROJECT	45	148	12
13W65A0233	R42021	DIGITAL CONTROL SYSTEMS	17	26	4
13W65A0233	R42024	SPECIAL ELECTRICAL MACHINES	22	35	4
13W65A0233	R42025	NON CONVENTIONAL SOURCES OF ENERGY	13	42	4
13W65A0233	R42028	OOPS THROUGH JAVA	9	14	0
13W65A0233	R4202B	PROJECT	43	143	12
13W65A0234	R42021	DIGITAL CONTROL SYSTEMS	21	12	0
13W65A0234	R42024	SPECIAL ELECTRICAL MACHINES	18	67	4
13W65A0234	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	33	4
13W65A0234	R42028	OOPS THROUGH JAVA	9	39	4
13W65A0234	R4202B	PROJECT	45	134	12
13W65A0236	R42021	DIGITAL CONTROL SYSTEMS	25	51	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0236	R42024	SPECIAL ELECTRICAL MACHINES	25	50	4
13W65A0236	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	50	4
13W65A0236	R42028	OOPS THROUGH JAVA	21	35	4
13W65A0236	R4202B	PROJECT	49	144	12
13W65A0237	R42021	DIGITAL CONTROL SYSTEMS	24	63	4
13W65A0237	R42024	SPECIAL ELECTRICAL MACHINES	23	49	4
13W65A0237	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	42	4
13W65A0237	R42028	OOPS THROUGH JAVA	21	17	0
13W65A0237	R4202B	PROJECT	49	145	12
13W65A0238	R42021	DIGITAL CONTROL SYSTEMS	23	46	4
13W65A0238	R42024	SPECIAL ELECTRICAL MACHINES	21	49	4
13W65A0238	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	39	4
13W65A0238	R42028	OOPS THROUGH JAVA	17	34	4
13W65A0238	R4202B	PROJECT	45	146	12
13W65A0239	R42021	DIGITAL CONTROL SYSTEMS	23	14	0
13W65A0239	R42024	SPECIAL ELECTRICAL MACHINES	24	58	4
13W65A0239	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	39	4
13W65A0239	R42028	OOPS THROUGH JAVA	20	42	4
13W65A0239	R4202B	PROJECT	48	146	12
13W65A0240	R42021	DIGITAL CONTROL SYSTEMS	17	32	4
13W65A0240	R42024	SPECIAL ELECTRICAL MACHINES	4	-1	0
13W65A0240	R42025	NON CONVENTIONAL SOURCES OF ENERGY	12	18	0
13W65A0240	R42028	OOPS THROUGH JAVA	4	38	4
13W65A0240	R4202B	PROJECT	39	125	12
13W65A0241	R42021	DIGITAL CONTROL SYSTEMS	20	75	4
13W65A0241	R42024	SPECIAL ELECTRICAL MACHINES	13	46	4
13W65A0241	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	61	4
13W65A0241	R42028	OOPS THROUGH JAVA	13	20	0
13W65A0241	R4202B	PROJECT	45	138	12
13W65A0242	R42021	DIGITAL CONTROL SYSTEMS	22	56	4
13W65A0242	R42024	SPECIAL ELECTRICAL MACHINES	20	42	4
13W65A0242	R42025	NON CONVENTIONAL SOURCES OF ENERGY	16	29	4
13W65A0242	R42028	OOPS THROUGH JAVA	18	34	4
13W65A0242	R4202B	PROJECT	47	142	12
13W65A0243	R42021	DIGITAL CONTROL SYSTEMS	21	42	4
13W65A0243	R42024	SPECIAL ELECTRICAL MACHINES	22	54	4
13W65A0243	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	48	4
13W65A0243	R42028	OOPS THROUGH JAVA	19	38	4
13W65A0243	R4202B	PROJECT	49	148	12
13W65A0244	R42021	DIGITAL CONTROL SYSTEMS	24	52	4
13W65A0244	R42024	SPECIAL ELECTRICAL MACHINES	24	55	4
13W65A0244	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	47	4
13W65A0244	R42028	OOPS THROUGH JAVA	22	43	4
13W65A0244	R4202B	PROJECT	49	149	12
13W65A0245	R42021	DIGITAL CONTROL SYSTEMS	22	57	4
13W65A0245	R42024	SPECIAL ELECTRICAL MACHINES	24	35	4
13W65A0245	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	36	4
13W65A0245	R42028	OOPS THROUGH JAVA	15	26	4
13W65A0245	R4202B	PROJECT	48	144	12
13W65A0246	R42021	DIGITAL CONTROL SYSTEMS	22	61	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0246	R42024	SPECIAL ELECTRICAL MACHINES	23	50	4
13W65A0246	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	66	4
13W65A0246	R42028	OOPS THROUGH JAVA	15	40	4
13W65A0246	R4202B	PROJECT	44	143	12
13W65A0247	R42021	DIGITAL CONTROL SYSTEMS	20	26	4
13W65A0247	R42024	SPECIAL ELECTRICAL MACHINES	21	60	4
13W65A0247	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	43	4
13W65A0247	R42028	OOPS THROUGH JAVA	12	36	4
13W65A0247	R4202B	PROJECT	44	138	12
13W65A0248	R42021	DIGITAL CONTROL SYSTEMS	17	61	4
13W65A0248	R42024	SPECIAL ELECTRICAL MACHINES	23	52	4
13W65A0248	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	50	4
13W65A0248	R42028	OOPS THROUGH JAVA	20	41	4
13W65A0248	R4202B	PROJECT	47	142	12
13W65A0249	R42021	DIGITAL CONTROL SYSTEMS	22	61	4
13W65A0249	R42024	SPECIAL ELECTRICAL MACHINES	24	48	4
13W65A0249	R42025	NON CONVENTIONAL SOURCES OF ENERGY	19	46	4
13W65A0249	R42028	OOPS THROUGH JAVA	19	16	0
13W65A0249	R4202B	PROJECT	46	145	12
13W65A0250	R42021	DIGITAL CONTROL SYSTEMS	23	56	4
13W65A0250	R42024	SPECIAL ELECTRICAL MACHINES	24	50	4
13W65A0250	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	48	4
13W65A0250	R42028	OOPS THROUGH JAVA	22	42	4
13W65A0250	R4202B	PROJECT	45	138	12
13W65A0251	R42021	DIGITAL CONTROL SYSTEMS	19	26	4
13W65A0251	R42024	SPECIAL ELECTRICAL MACHINES	21	30	4
13W65A0251	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	5	0
13W65A0251	R42028	OOPS THROUGH JAVA	15	15	0
13W65A0251	R4202B	PROJECT	37	124	12
13W65A0252	R42021	DIGITAL CONTROL SYSTEMS	24	62	4
13W65A0252	R42024	SPECIAL ELECTRICAL MACHINES	19	40	4
13W65A0252	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	44	4
13W65A0252	R42028	OOPS THROUGH JAVA	16	31	4
13W65A0252	R4202B	PROJECT	44	136	12
13W65A0301	R42031	INTERACTIVE COMPUTER GRAPHICS	22	28	4
13W65A0301	R42034	AUTOMATION IN MANUFACTURING	25	64	4
13W65A0301	R42039	POWER PLANT ENGINEERING	24	41	4
13W65A0301	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	45	4
13W65A0301	R4203E	PROJECT WORK	48	147	12
13W65A0302	R42031	INTERACTIVE COMPUTER GRAPHICS	24	72	4
13W65A0302	R42034	AUTOMATION IN MANUFACTURING	23	60	4
13W65A0302	R42039	POWER PLANT ENGINEERING	23	49	4
13W65A0302	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	41	4
13W65A0302	R4203E	PROJECT WORK	48	149	12
13W65A0303	R42031	INTERACTIVE COMPUTER GRAPHICS	24	31	4
13W65A0303	R42034	AUTOMATION IN MANUFACTURING	22	50	4
13W65A0303	R42039	POWER PLANT ENGINEERING	24	43	4
13W65A0303	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	65	4
13W65A0303	R4203E	PROJECT WORK	43	149	12
13W65A0304	R42031	INTERACTIVE COMPUTER GRAPHICS	22	54	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0304	R42034	AUTOMATION IN MANUFACTURING	22	61	4
13W65A0304	R42039	POWER PLANT ENGINEERING	20	62	4
13W65A0304	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	43	4
13W65A0304	R4203E	PROJECT WORK	47	148	12
13W65A0305	R42031	INTERACTIVE COMPUTER GRAPHICS	24	34	4
13W65A0305	R42034	AUTOMATION IN MANUFACTURING	25	60	4
13W65A0305	R42039	POWER PLANT ENGINEERING	23	36	4
13W65A0305	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	57	4
13W65A0305	R4203E	PROJECT WORK	49	149	12
13W65A0306	R42031	INTERACTIVE COMPUTER GRAPHICS	23	30	4
13W65A0306	R42034	AUTOMATION IN MANUFACTURING	19	52	4
13W65A0306	R42039	POWER PLANT ENGINEERING	22	16	0
13W65A0306	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	39	4
13W65A0306	R4203E	PROJECT WORK	47	149	12
13W65A0307	R42031	INTERACTIVE COMPUTER GRAPHICS	20	30	4
13W65A0307	R42034	AUTOMATION IN MANUFACTURING	12	37	4
13W65A0307	R42039	POWER PLANT ENGINEERING	24	33	4
13W65A0307	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	35	4
13W65A0307	R4203E	PROJECT WORK	45	148	12
13W65A0308	R42031	INTERACTIVE COMPUTER GRAPHICS	24	49	4
13W65A0308	R42034	AUTOMATION IN MANUFACTURING	23	57	4
13W65A0308	R42039	POWER PLANT ENGINEERING	25	49	4
13W65A0308	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	42	4
13W65A0308	R4203E	PROJECT WORK	47	146	12
13W65A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	24	36	4
13W65A0309	R42034	AUTOMATION IN MANUFACTURING	24	75	4
13W65A0309	R42039	POWER PLANT ENGINEERING	24	41	4
13W65A0309	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	39	4
13W65A0309	R4203E	PROJECT WORK	49	145	12
13W65A0310	R42031	INTERACTIVE COMPUTER GRAPHICS	25	75	4
13W65A0310	R42034	AUTOMATION IN MANUFACTURING	24	60	4
13W65A0310	R42039	POWER PLANT ENGINEERING	25	36	4
13W65A0310	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	37	4
13W65A0310	R4203E	PROJECT WORK	48	147	12
13W65A0311	R42031	INTERACTIVE COMPUTER GRAPHICS	25	34	4
13W65A0311	R42034	AUTOMATION IN MANUFACTURING	23	43	4
13W65A0311	R42039	POWER PLANT ENGINEERING	23	34	4
13W65A0311	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	35	4
13W65A0311	R4203E	PROJECT WORK	48	145	12
13W65A0312	R42031	INTERACTIVE COMPUTER GRAPHICS	23	44	4
13W65A0312	R42034	AUTOMATION IN MANUFACTURING	23	54	4
13W65A0312	R42039	POWER PLANT ENGINEERING	23	50	4
13W65A0312	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	45	4
13W65A0312	R4203E	PROJECT WORK	41	146	12
13W65A0313	R42031	INTERACTIVE COMPUTER GRAPHICS	25	37	4
13W65A0313	R42034	AUTOMATION IN MANUFACTURING	24	75	4
13W65A0313	R42039	POWER PLANT ENGINEERING	25	38	4
13W65A0313	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	54	4
13W65A0313	R4203E	PROJECT WORK	49	149	12
13W65A0401	R42041	CELLULAR AND MOBILE COMMUNICATIONS	10	35	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0401	R42043	SATELLITE COMMUNICATIONS	17	35	4
13W65A0401	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	29	4
13W65A0401	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	8	18	0
13W65A0401	R4204B	PROJECT	40	143	12
13W65A0402	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	33	4
13W65A0402	R42043	SATELLITE COMMUNICATIONS	23	29	4
13W65A0402	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	38	4
13W65A0402	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	21	45	4
13W65A0402	R4204B	PROJECT	45	145	12
13W65A0403	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	49	4
13W65A0403	R42043	SATELLITE COMMUNICATIONS	24	55	4
13W65A0403	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	35	4
13W65A0403	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	42	4
13W65A0403	R4204B	PROJECT	42	146	12
13W65A0404	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	32	4
13W65A0404	R42043	SATELLITE COMMUNICATIONS	23	40	4
13W65A0404	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	41	4
13W65A0404	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	47	4
13W65A0404	R4204B	PROJECT	35	145	12
13W65A0405	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	45	4
13W65A0405	R42043	SATELLITE COMMUNICATIONS	21	45	4
13W65A0405	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	38	4
13W65A0405	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	21	30	4
13W65A0405	R4204B	PROJECT	47	140	12
13W65A0406	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	44	4
13W65A0406	R42043	SATELLITE COMMUNICATIONS	23	29	4
13W65A0406	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	46	4
13W65A0406	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	62	4
13W65A0406	R4204B	PROJECT	44	145	12
13W65A0407	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	54	4
13W65A0407	R42043	SATELLITE COMMUNICATIONS	22	49	4
13W65A0407	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	30	4
13W65A0407	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	46	4
13W65A0407	R4204B	PROJECT	48	147	12
13W65A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	28	4
13W65A0408	R42043	SATELLITE COMMUNICATIONS	22	40	4
13W65A0408	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	55	4
13W65A0408	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	39	4
13W65A0408	R4204B	PROJECT	47	145	12
13W65A0409	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	47	4
13W65A0409	R42043	SATELLITE COMMUNICATIONS	23	38	4
13W65A0409	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	18	28	4
13W65A0409	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	30	4
13W65A0409	R4204B	PROJECT	48	146	12
13W65A0410	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	27	4
13W65A0410	R42043	SATELLITE COMMUNICATIONS	20	46	4
13W65A0410	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	27	4
13W65A0410	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	6	44	4
13W65A0410	R4204B	PROJECT	44	147	12
13W65A0411	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	39	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0411	R42043	SATELLITE COMMUNICATIONS	23	41	4
13W65A0411	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	30	4
13W65A0411	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	24	41	4
13W65A0411	R4204B	PROJECT	45	145	12
13W65A0412	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	34	4
13W65A0412	R42043	SATELLITE COMMUNICATIONS	18	52	4
13W65A0412	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	41	4
13W65A0412	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	39	4
13W65A0412	R4204B	PROJECT	43	143	12
13W65A0413	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	57	4
13W65A0413	R42043	SATELLITE COMMUNICATIONS	23	47	4
13W65A0413	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	39	4
13W65A0413	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	34	4
13W65A0413	R4204B	PROJECT	47	145	12
13W65A0414	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	52	4
13W65A0414	R42043	SATELLITE COMMUNICATIONS	18	52	4
13W65A0414	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	42	4
13W65A0414	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	43	4
13W65A0414	R4204B	PROJECT	45	145	12
13W65A0415	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	62	4
13W65A0415	R42043	SATELLITE COMMUNICATIONS	19	59	4
13W65A0415	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	16	0
13W65A0415	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	42	4
13W65A0415	R4204B	PROJECT	46	146	12
13W65A0416	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	38	4
13W65A0416	R42043	SATELLITE COMMUNICATIONS	20	41	4
13W65A0416	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	22	51	4
13W65A0416	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	45	4
13W65A0416	R4204B	PROJECT	46	146	12
13W65A0417	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	59	4
13W65A0417	R42043	SATELLITE COMMUNICATIONS	22	48	4
13W65A0417	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	33	4
13W65A0417	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	30	4
13W65A0417	R4204B	PROJECT	45	145	12
13W65A0418	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	38	4
13W65A0418	R42043	SATELLITE COMMUNICATIONS	17	26	4
13W65A0418	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	19	26	4
13W65A0418	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	18	38	4
13W65A0418	R4204B	PROJECT	45	-1	0
13W65A0419	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	36	4
13W65A0419	R42043	SATELLITE COMMUNICATIONS	15	45	4
13W65A0419	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	11	31	4
13W65A0419	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	29	4
13W65A0419	R4204B	PROJECT	45	140	12
13W65A0420	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	34	4
13W65A0420	R42043	SATELLITE COMMUNICATIONS	22	45	4
13W65A0420	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	26	4
13W65A0420	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	26	4
13W65A0420	R4204B	PROJECT	46	143	12
13W65A0421	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	48	4

Htno	Subcode	Subname	Internal	External	credits
13W65A0421	R42043	SATELLITE COMMUNICATIONS	19	43	4
13W65A0421	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	32	4
13W65A0421	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	9	20	0
13W65A0421	R4204B	PROJECT	40	143	12
13W65A0423	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	56	4
13W65A0423	R42043	SATELLITE COMMUNICATIONS	24	42	4
13W65A0423	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	38	4
13W65A0423	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	58	4
13W65A0423	R4204B	PROJECT	48	147	12
13W65A0424	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	46	4
13W65A0424	R42043	SATELLITE COMMUNICATIONS	22	42	4
13W65A0424	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	11	0
13W65A0424	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	47	4
13W65A0424	R4204B	PROJECT	49	145	12
13W65A0501	R42051	DISTRIBUTED SYSTEMS	14	41	4
13W65A0501	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	0	0
13W65A0501	R4205A	ARTIFICIAL INTELLIGENCE	21	35	4
13W65A0501	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	0	0
13W65A0501	R4205H	PROJECT	44	141	12
13W65A0502	R42051	DISTRIBUTED SYSTEMS	17	31	4
13W65A0502	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	41	4
13W65A0502	R4205A	ARTIFICIAL INTELLIGENCE	21	31	4
13W65A0502	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	50	4
13W65A0502	R4205H	PROJECT	45	140	12
13W65A0503	R42051	DISTRIBUTED SYSTEMS	17	40	4
13W65A0503	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	44	4
13W65A0503	R4205A	ARTIFICIAL INTELLIGENCE	24	57	4
13W65A0503	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	42	4
13W65A0503	R4205H	PROJECT	48	147	12
13W65A0504	R42051	DISTRIBUTED SYSTEMS	16	47	4
13W65A0504	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	38	4
13W65A0504	R4205A	ARTIFICIAL INTELLIGENCE	19	41	4
13W65A0504	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	43	4
13W65A0504	R4205H	PROJECT	42	138	12

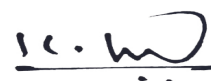
**\*\*Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only on or before 09-06-2016.

**\*\* Note:\*\***

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

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

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



Date:02-06-2016

Controller of Examinations