JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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

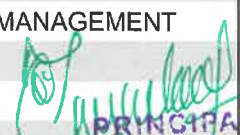College: S R K INST. OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA:X4

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08X41A0159	K0126	PAVEMENT ANALYSIS AND DESIGN	12	27	0
09X41A0174	K0125	PRESTRESSED CONCRETE	11	29	4
09X41A0446	K0421	OPTICAL COMMUNICATIONS	10	34	4
09X41A04A1	L0421	EMBEDDED AND REAL TIME SYSTEMS	7	7	0
09X41A0506	L0521	MANAGEMENT SCIENCE	14	-1	0
09X45A0406	K0421	OPTICAL COMMUNICATIONS	7	0	0
09X45A0406	L0421	EMBEDDED AND REAL TIME SYSTEMS	11	4	0
09X45A0406	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	8	11	0
10X41A0541	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	33	4
10X41A1253	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	-1	0
118H1A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	15	41	4
118H1A0408	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	16	41	4
118H1A0408	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	14	9	0
118H1A0408	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	13	0
118H1A0408	R4204B	PROJECT	45	135	12
11X41A0158	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	-1	0
11X41A0158	R42019	ADVANCED STRUCTURAL ANALYSIS	22	-1	0
11X41A0304	R42039	POWER PLANT ENGINEERING	20	11	0
11X41A0327	R42031	INTERACTIVE COMPUTER GRAPHICS	18	-1	0
11X41A0327	R42039	POWER PLANT ENGINEERING	22	-1	0
11X41A0333	R42031	INTERACTIVE COMPUTER GRAPHICS	19	-1	0
11X41A0333	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	14	14	0
11X41A0344	R42031	INTERACTIVE COMPUTER GRAPHICS	20	-1	0
11X41A0356	R42031	INTERACTIVE COMPUTER GRAPHICS	18	-1	0
11X41A0356	R42039	POWER PLANT ENGINEERING	18	-1	0
11X41A0439	R4204A	TV ENGINEERING	9	-1	0
11X41A0442	R42041	CELLULAR AND MOBILE COMMUNICATIONS	5	-1	0
11X41A0442	R42043	SATELLITE COMMUNICATIONS	8	-1	0
11X41A0442	R4204A	TV ENGINEERING	10	-1	0
11X41A0450	R4204A	TV ENGINEERING	17	28	4
11X41A0459	R42043	SATELLITE COMMUNICATIONS	18	26	4
11X41A0459	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	18	0
11X41A0459	R4204A	TV ENGINEERING	20	34	4
11X41A0468	R42043	SATELLITE COMMUNICATIONS	15	6	0
11X41A0468	R4204A	TV ENGINEERING	17	14	0
11X41A0489	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	16	0
11X41A0489	R42043	SATELLITE COMMUNICATIONS	14	1	0
11X41A0489	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	16	28	4
11X41A0489	R4204A	TV ENGINEERING	14	30	4
11X41A0489	R4204B	PROJECT	35	100	12
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11X41A04A8	R42043	SATELLITE COMMUNICATIONS	0	26	0
11X41A04A8	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	0	28	0
11X41A04A8	R4204A	TV ENGINEERING	0	26	0

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11X41A0528	R42051	DISTRIBUTED SYSTEMS	20	19	0
11X41A0528	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	26	4
11X41A0528	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	40	4
11X41A0528	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	34	4
11X41A0528	R4205H	PROJECT	42	125	12
11X41A0579	R42051	DISTRIBUTED SYSTEMS	12	46	4
11X41A0579	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	27	4
11X41A0579	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	22	33	4
11X41A0579	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	36	4
11X41A0579	R4205H	PROJECT	40	125	12
11X41A05A3	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	-1	0
11X41A1217	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	8	0
11X41A1235	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	12	0
122E1A0421	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	46	4
122E1A0421	R42043	SATELLITE COMMUNICATIONS	15	35	4
122E1A0421	R42045	OPERATING SYSTEMS	19	52	4
122E1A0421	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	48	4
122E1A0421	R4204B	PROJECT	50	140	12
122E1A0453	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	55	4
122E1A0453	R42043	SATELLITE COMMUNICATIONS	17	43	4
122E1A0453	R42045	OPERATING SYSTEMS	18	19	0
122E1A0453	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	43	4
122E1A0453	R4204B	PROJECT	40	125	12
12KA1A0117	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	55	4
12KA1A0117	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	53	4
12KA1A0117	R42015	WATER SHED MANAGEMENT	18	63	4
12KA1A0117	R42019	ADVANCED STRUCTURAL ANALYSIS	17	45	4
12KA1A0117	R4201B	PROJECT WORK	48	138	12
12NH1A0465	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	37	4
12NH1A0465	R42043	SATELLITE COMMUNICATIONS	19	29	4
12NH1A0465	R42045	OPERATING SYSTEMS	16	11	0
12NH1A0465	R4204A	TV ENGINEERING	20	26	4
12NH1A0465	R4204B	PROJECT	46	130	12
12X41A0101	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	68	4
12X41A0101	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	31	4
12X41A0101	R42015	WATER SHED MANAGEMENT	16	59	4
12X41A0101	R42019	ADVANCED STRUCTURAL ANALYSIS	19	56	4
12X41A0101	R4201B	PROJECT WORK	45	138	12
12X41A0102	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	52	4
12X41A0102	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	42	4
12X41A0102	R42015	WATER SHED MANAGEMENT	20	54	4
12X41A0102	R42019	ADVANCED STRUCTURAL ANALYSIS	22	37	4
12X41A0102	R4201B	PROJECT WORK	49	139	12
12X41A0103	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	39	4
12X41A0103	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	40	4
12X41A0103	R42015	WATER SHED MANAGEMENT	20	50	4
12X41A0103	R42019	ADVANCED STRUCTURAL ANALYSIS	22	37	4
12X41A0103	R4201B	PROJECT WORK	50	141	12
12X41A0104	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	59	4
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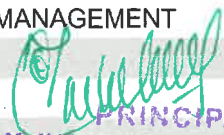
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12X41A0105	R42015	WATER SHED MANAGEMENT	19	64	4
12X41A0105	R42019	ADVANCED STRUCTURAL ANALYSIS	22	56	4
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12X41A0106	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	55	4
12X41A0106	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	45	4
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12X41A0106	R4201B	PROJECT WORK	47	144	12
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12X41A0107	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	22	38	4
12X41A0107	R42015	WATER SHED MANAGEMENT	20	50	4
12X41A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	24	46	4
12X41A0107	R4201B	PROJECT WORK	50	145	12
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12X41A0108	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	71	4
12X41A0108	R42015	WATER SHED MANAGEMENT	19	52	4
12X41A0108	R42019	ADVANCED STRUCTURAL ANALYSIS	25	43	4
12X41A0108	R4201B	PROJECT WORK	50	142	12
12X41A0109	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	49	4
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12X41A0109	R42015	WATER SHED MANAGEMENT	10	51	4
12X41A0109	R42019	ADVANCED STRUCTURAL ANALYSIS	18	8	0
12X41A0109	R4201B	PROJECT WORK	49	139	12
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12X41A0110	R42015	WATER SHED MANAGEMENT	20	69	4
12X41A0110	R42019	ADVANCED STRUCTURAL ANALYSIS	24	44	4
12X41A0110	R4201B	PROJECT WORK	50	140	12
12X41A0111	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	44	4
12X41A0111	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	24	58	4
12X41A0111	R42015	WATER SHED MANAGEMENT	22	45	4
12X41A0111	R42019	ADVANCED STRUCTURAL ANALYSIS	25	51	4
12X41A0111	R4201B	PROJECT WORK	49	142	12
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12X41A0112	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	18	40	4
12X41A0112	R42015	WATER SHED MANAGEMENT	13	41	4
12X41A0112	R42019	ADVANCED STRUCTURAL ANALYSIS	16	14	0
12X41A0112	R4201B	PROJECT WORK	48	137	12
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12X41A0114	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	22	60	4
12X41A0114	R42015	WATER SHED MANAGEMENT	18	51	4
12X41A0114	R42019	ADVANCED STRUCTURAL ANALYSIS	24	75	4
12X41A0114	R4201B	PROJECT WORK	49	136	12
12X41A0115	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	41	4
12X41A0115	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	22	56	4

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12X41A0115	R4201B	PROJECT WORK	50	144	12
12X41A0116	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	46	4
12X41A0116	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	38	4
12X41A0116	R42015	WATER SHED MANAGEMENT	15	43	4
12X41A0116	R42019	ADVANCED STRUCTURAL ANALYSIS	22	33	4
12X41A0116	R4201B	PROJECT WORK	50	140	12
12X41A0117	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	37	4
12X41A0117	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	22	55	4
12X41A0117	R42015	WATER SHED MANAGEMENT	19	56	4
12X41A0117	R42019	ADVANCED STRUCTURAL ANALYSIS	20	39	4
12X41A0117	R4201B	PROJECT WORK	50	140	12
12X41A0118	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	33	4
12X41A0118	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	59	4
12X41A0118	R42015	WATER SHED MANAGEMENT	21	61	4
12X41A0118	R42019	ADVANCED STRUCTURAL ANALYSIS	25	75	4
12X41A0118	R4201B	PROJECT WORK	50	144	12
12X41A0119	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	69	4
12X41A0119	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	57	4
12X41A0119	R42015	WATER SHED MANAGEMENT	17	56	4
12X41A0119	R42019	ADVANCED STRUCTURAL ANALYSIS	20	29	4
12X41A0119	R4201B	PROJECT WORK	49	137	12
12X41A0120	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	35	4
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12X41A0120	R42019	ADVANCED STRUCTURAL ANALYSIS	17	30	4
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12X41A0121	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	40	4
12X41A0121	R42015	WATER SHED MANAGEMENT	15	39	4
12X41A0121	R42019	ADVANCED STRUCTURAL ANALYSIS	14	33	4
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12X41A0122	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	5	0
12X41A0122	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	29	4
12X41A0122	R42015	WATER SHED MANAGEMENT	15	63	4
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12X41A0122	R4201B	PROJECT WORK	49	136	12
12X41A0123	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	60	4
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12X41A0123	R42015	WATER SHED MANAGEMENT	18	62	4
12X41A0123	R42019	ADVANCED STRUCTURAL ANALYSIS	21	49	4
12X41A0123	R4201B	PROJECT WORK	50	145	12
12X41A0124	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	26	4
12X41A0124	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	35	4
12X41A0124	R42015	WATER SHED MANAGEMENT	16	38	4
12X41A0124	R42019	ADVANCED STRUCTURAL ANALYSIS	17	27	4
12X41A0124	R4201B	PROJECT WORK	49	135	12
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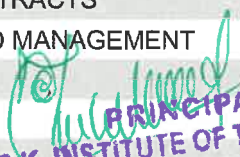
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12X41A0126	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	16	0
12X41A0126	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	41	4
12X41A0126	R42015	WATER SHED MANAGEMENT	13	57	4
12X41A0126	R42019	ADVANCED STRUCTURAL ANALYSIS	14	11	0
12X41A0126	R4201B	PROJECT WORK	47	136	12
12X41A0127	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	15	46	4
12X41A0127	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	47	4
12X41A0127	R42015	WATER SHED MANAGEMENT	15	59	4
12X41A0127	R42019	ADVANCED STRUCTURAL ANALYSIS	17	30	4
12X41A0127	R4201B	PROJECT WORK	47	136	12
12X41A0128	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	48	4
12X41A0128	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	40	4
12X41A0128	R42015	WATER SHED MANAGEMENT	16	43	4
12X41A0128	R42019	ADVANCED STRUCTURAL ANALYSIS	21	46	4
12X41A0128	R4201B	PROJECT WORK	50	140	12
12X41A0129	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	37	4
12X41A0129	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	39	4
12X41A0129	R42015	WATER SHED MANAGEMENT	18	61	4
12X41A0129	R42019	ADVANCED STRUCTURAL ANALYSIS	20	27	4
12X41A0129	R4201B	PROJECT WORK	50	139	12
12X41A0130	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	36	4
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12X41A0130	R42015	WATER SHED MANAGEMENT	15	50	4
12X41A0130	R42019	ADVANCED STRUCTURAL ANALYSIS	15	41	4
12X41A0130	R4201B	PROJECT WORK	49	138	12
12X41A0131	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	34	4
12X41A0131	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	18	49	4
12X41A0131	R42015	WATER SHED MANAGEMENT	13	56	4
12X41A0131	R42019	ADVANCED STRUCTURAL ANALYSIS	17	30	4
12X41A0131	R4201B	PROJECT WORK	48	135	12
12X41A0134	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	32	4
12X41A0134	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	18	36	4
12X41A0134	R42015	WATER SHED MANAGEMENT	14	46	4
12X41A0134	R42019	ADVANCED STRUCTURAL ANALYSIS	18	41	4
12X41A0134	R4201B	PROJECT WORK	50	139	12
12X41A0135	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	35	4
12X41A0135	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	47	4
12X41A0135	R42015	WATER SHED MANAGEMENT	14	56	4
12X41A0135	R42019	ADVANCED STRUCTURAL ANALYSIS	18	39	4
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12X41A0137	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	14	0
12X41A0137	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	34	4
12X41A0137	R42015	WATER SHED MANAGEMENT	19	55	4
12X41A0137	R42019	ADVANCED STRUCTURAL ANALYSIS	20	60	4
12X41A0137	R4201B	PROJECT WORK	50	136	12
12X41A0138	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	67	4
12X41A0138	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT		57	4

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12X41A0139	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	46	4
12X41A0139	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	18	60	4
12X41A0139	R42015	WATER SHED MANAGEMENT	19	45	4
12X41A0139	R42019	ADVANCED STRUCTURAL ANALYSIS	24	49	4
12X41A0139	R4201B	PROJECT WORK	50	145	12
12X41A0140	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	43	4
12X41A0140	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	47	4
12X41A0140	R42015	WATER SHED MANAGEMENT	19	70	4
12X41A0140	R42019	ADVANCED STRUCTURAL ANALYSIS	20	32	4
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12X41A0141	R42015	WATER SHED MANAGEMENT	5	0	0
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12X41A0142	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	54	4
12X41A0142	R42015	WATER SHED MANAGEMENT	13	52	4
12X41A0142	R42019	ADVANCED STRUCTURAL ANALYSIS	14	32	4
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12X41A0143	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	53	4
12X41A0143	R42015	WATER SHED MANAGEMENT	13	44	4
12X41A0143	R42019	ADVANCED STRUCTURAL ANALYSIS	18	37	4
12X41A0143	R4201B	PROJECT WORK	50	143	12
12X41A0144	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	42	4
12X41A0144	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	25	55	4
12X41A0144	R42015	WATER SHED MANAGEMENT	18	75	4
12X41A0144	R42019	ADVANCED STRUCTURAL ANALYSIS	22	43	4
12X41A0144	R4201B	PROJECT WORK	50	145	12
12X41A0145	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	10	0
12X41A0145	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	36	4
12X41A0145	R42015	WATER SHED MANAGEMENT	13	59	4
12X41A0145	R42019	ADVANCED STRUCTURAL ANALYSIS	17	51	4
12X41A0145	R4201B	PROJECT WORK	49	138	12
12X41A0146	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	48	4
12X41A0146	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	48	4
12X41A0146	R42015	WATER SHED MANAGEMENT	15	56	4
12X41A0146	R42019	ADVANCED STRUCTURAL ANALYSIS	22	26	4
12X41A0146	R4201B	PROJECT WORK	50	137	12
12X41A0147	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	36	4
12X41A0147	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	12	0
12X41A0147	R42015	WATER SHED MANAGEMENT	13	35	4
12X41A0147	R42019	ADVANCED STRUCTURAL ANALYSIS	20	33	4
12X41A0147	R4201B	PROJECT WORK	49	138	12
12X41A0148	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	44	4
12X41A0148	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	38	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0148	R42015	WATER SHED MANAGEMENT	5	73	4
12X41A0148	R42019	ADVANCED STRUCTURAL ANALYSIS	7	33	4
12X41A0148	R4201B	PROJECT WORK	49	135	12
12X41A0149	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	13	0
12X41A0149	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	41	4
12X41A0149	R42015	WATER SHED MANAGEMENT	17	49	4
12X41A0149	R42019	ADVANCED STRUCTURAL ANALYSIS	11	6	0
12X41A0149	R4201B	PROJECT WORK	49	137	12
12X41A0150	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	17	8	0
12X41A0150	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	36	4
12X41A0150	R42015	WATER SHED MANAGEMENT	5	40	4
12X41A0150	R42019	ADVANCED STRUCTURAL ANALYSIS	3	0	0
12X41A0150	R4201B	PROJECT WORK	49	135	12
12X41A0151	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	19	32	4
12X41A0151	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	31	4
12X41A0151	R42015	WATER SHED MANAGEMENT	6	47	4
12X41A0151	R42019	ADVANCED STRUCTURAL ANALYSIS	7	26	0
12X41A0151	R4201B	PROJECT WORK	50	138	12
12X41A0152	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	41	4
12X41A0152	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	36	4
12X41A0152	R42015	WATER SHED MANAGEMENT	10	52	4
12X41A0152	R42019	ADVANCED STRUCTURAL ANALYSIS	15	26	4
12X41A0152	R4201B	PROJECT WORK	49	138	12
12X41A0155	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	1	0
12X41A0155	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	28	4
12X41A0155	R42015	WATER SHED MANAGEMENT	14	58	4
12X41A0155	R42019	ADVANCED STRUCTURAL ANALYSIS	15	12	0
12X41A0155	R4201B	PROJECT WORK	49	136	12
12X41A0156	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	16	9	0
12X41A0156	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	29	4
12X41A0156	R42015	WATER SHED MANAGEMENT	8	36	4
12X41A0156	R42019	ADVANCED STRUCTURAL ANALYSIS	16	15	0
12X41A0156	R4201B	PROJECT WORK	50	139	12
12X41A0157	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	3	0
12X41A0157	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	9	0	0
12X41A0157	R42015	WATER SHED MANAGEMENT	4	5	0
12X41A0157	R42019	ADVANCED STRUCTURAL ANALYSIS	7	0	0
12X41A0157	R4201B	PROJECT WORK	50	136	12
12X41A0158	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	58	4
12X41A0158	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	38	4
12X41A0158	R42015	WATER SHED MANAGEMENT	16	48	4
12X41A0158	R42019	ADVANCED STRUCTURAL ANALYSIS	5	7	0
12X41A0158	R4201B	PROJECT WORK	48	135	12
12X41A0161	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	47	4
12X41A0161	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	53	4
12X41A0161	R42015	WATER SHED MANAGEMENT	18	64	4
12X41A0161	R42019	ADVANCED STRUCTURAL ANALYSIS	21	68	4
12X41A0161	R4201B	PROJECT WORK	50	145	12
12X41A0162	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	40	4
12X41A0162	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	0	0

Htno	Subcode	Subname	Internal	External	credits
12X41A0162	R42015	WATER SHED MANAGEMENT	13	56	4
12X41A0162	R42019	ADVANCED STRUCTURAL ANALYSIS	15	0	0
12X41A0162	R4201B	PROJECT WORK	49	130	12
12X41A0164	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	34	4
12X41A0164	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	36	4
12X41A0164	R42015	WATER SHED MANAGEMENT	16	44	4
12X41A0164	R42019	ADVANCED STRUCTURAL ANALYSIS	14	33	4
12X41A0164	R4201B	PROJECT WORK	50	135	12
12X41A0165	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	17	41	4
12X41A0165	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	44	4
12X41A0165	R42015	WATER SHED MANAGEMENT	13	53	4
12X41A0165	R42019	ADVANCED STRUCTURAL ANALYSIS	14	37	4
12X41A0165	R4201B	PROJECT WORK	48	135	12
12X41A0166	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	14	10	0
12X41A0166	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	0	0	0
12X41A0166	R42015	WATER SHED MANAGEMENT	0	56	4
12X41A0166	R42019	ADVANCED STRUCTURAL ANALYSIS	10	0	0
12X41A0166	R4201B	PROJECT WORK	46	135	12
12X41A0167	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	53	4
12X41A0167	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	57	4
12X41A0167	R42015	WATER SHED MANAGEMENT	19	59	4
12X41A0167	R42019	ADVANCED STRUCTURAL ANALYSIS	16	40	4
12X41A0167	R4201B	PROJECT WORK	45	132	12
12X41A0168	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	48	4
12X41A0168	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	62	4
12X41A0168	R42015	WATER SHED MANAGEMENT	18	50	4
12X41A0168	R42019	ADVANCED STRUCTURAL ANALYSIS	20	42	4
12X41A0168	R4201B	PROJECT WORK	50	138	12
12X41A0169	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	34	4
12X41A0169	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	44	4
12X41A0169	R42015	WATER SHED MANAGEMENT	19	45	4
12X41A0169	R42019	ADVANCED STRUCTURAL ANALYSIS	23	31	4
12X41A0169	R4201B	PROJECT WORK	50	138	12
12X41A0170	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	34	4
12X41A0170	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	38	4
12X41A0170	R42015	WATER SHED MANAGEMENT	16	69	4
12X41A0170	R42019	ADVANCED STRUCTURAL ANALYSIS	15	39	4
12X41A0170	R4201B	PROJECT WORK	50	136	12
12X41A0171	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	75	4
12X41A0171	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	22	64	4
12X41A0171	R42015	WATER SHED MANAGEMENT	22	64	4
12X41A0171	R42019	ADVANCED STRUCTURAL ANALYSIS	20	70	4
12X41A0171	R4201B	PROJECT WORK	48	138	12
12X41A0172	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	51	4
12X41A0172	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	42	4
12X41A0172	R42015	WATER SHED MANAGEMENT	14	49	4
12X41A0172	R42019	ADVANCED STRUCTURAL ANALYSIS	16	37	4
12X41A0172	R4201B	PROJECT WORK	48	137	12
12X41A0173	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	41	4
12X41A0173	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	48	4
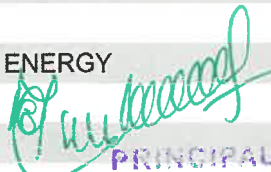
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12X41A0173	R42015	WATER SHED MANAGEMENT	15	43	4
12X41A0173	R42019	ADVANCED STRUCTURAL ANALYSIS	17	12	0
12X41A0173	R4201B	PROJECT WORK	50	138	12
12X41A0174	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	56	4
12X41A0174	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	30	4
12X41A0174	R42015	WATER SHED MANAGEMENT	14	75	4
12X41A0174	R42019	ADVANCED STRUCTURAL ANALYSIS	16	0	0
12X41A0174	R4201B	PROJECT WORK	45	135	12
12X41A0175	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	52	4
12X41A0175	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	51	4
12X41A0175	R42015	WATER SHED MANAGEMENT	18	45	4
12X41A0175	R42019	ADVANCED STRUCTURAL ANALYSIS	21	48	4
12X41A0175	R4201B	PROJECT WORK	45	134	12
12X41A0176	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	57	4
12X41A0176	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	51	4
12X41A0176	R42015	WATER SHED MANAGEMENT	20	40	4
12X41A0176	R42019	ADVANCED STRUCTURAL ANALYSIS	23	48	4
12X41A0176	R4201B	PROJECT WORK	46	138	12
12X41A0177	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	30	4
12X41A0177	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	38	4
12X41A0177	R42015	WATER SHED MANAGEMENT	18	42	4
12X41A0177	R42019	ADVANCED STRUCTURAL ANALYSIS	19	26	4
12X41A0177	R4201B	PROJECT WORK	50	138	12
12X41A0178	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	50	4
12X41A0178	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	38	4
12X41A0178	R42015	WATER SHED MANAGEMENT	18	61	4
12X41A0178	R42019	ADVANCED STRUCTURAL ANALYSIS	21	41	4
12X41A0178	R4201B	PROJECT WORK	46	131	12
12X41A0179	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	75	4
12X41A0179	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	22	68	4
12X41A0179	R42015	WATER SHED MANAGEMENT	21	65	4
12X41A0179	R42019	ADVANCED STRUCTURAL ANALYSIS	23	59	4
12X41A0179	R4201B	PROJECT WORK	50	144	12
12X41A0180	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	32	4
12X41A0180	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	33	4
12X41A0180	R42015	WATER SHED MANAGEMENT	16	34	4
12X41A0180	R42019	ADVANCED STRUCTURAL ANALYSIS	15	30	4
12X41A0180	R4201B	PROJECT WORK	48	133	12
12X41A0181	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	36	4
12X41A0181	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	2	60	4
12X41A0181	R42015	WATER SHED MANAGEMENT	17	56	4
12X41A0181	R42019	ADVANCED STRUCTURAL ANALYSIS	13	41	4
12X41A0181	R4201B	PROJECT WORK	49	134	12
12X41A0182	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	62	4
12X41A0182	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	6	39	4
12X41A0182	R42015	WATER SHED MANAGEMENT	11	51	4
12X41A0182	R42019	ADVANCED STRUCTURAL ANALYSIS	13	0	0
12X41A0182	R4201B	PROJECT WORK	50	131	12
12X41A0183	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	54	4
12X41A0183	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT		26	0

Htno	Subcode	Subname	Internal	External	credits
12X41A0183	R42015	WATER SHED MANAGEMENT	14	56	4
12X41A0183	R42019	ADVANCED STRUCTURAL ANALYSIS	14	33	4
12X41A0183	R4201B	PROJECT WORK	49	136	12
12X41A0184	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	15	0
12X41A0184	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	12	0
12X41A0184	R42015	WATER SHED MANAGEMENT	7	30	0
12X41A0184	R42019	ADVANCED STRUCTURAL ANALYSIS	13	3	0
12X41A0184	R4201B	PROJECT WORK	46	127	12
12X41A0185	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	59	4
12X41A0185	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	19	44	4
12X41A0185	R42015	WATER SHED MANAGEMENT	17	61	4
12X41A0185	R42019	ADVANCED STRUCTURAL ANALYSIS	21	26	4
12X41A0185	R4201B	PROJECT WORK	49	136	12
12X41A0186	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	66	4
12X41A0186	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	41	4
12X41A0186	R42015	WATER SHED MANAGEMENT	16	43	4
12X41A0186	R42019	ADVANCED STRUCTURAL ANALYSIS	19	10	0
12X41A0186	R4201B	PROJECT WORK	48	130	12
12X41A0187	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	48	4
12X41A0187	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	52	4
12X41A0187	R42015	WATER SHED MANAGEMENT	13	61	4
12X41A0187	R42019	ADVANCED STRUCTURAL ANALYSIS	16	37	4
12X41A0187	R4201B	PROJECT WORK	48	132	12
12X41A0188	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	39	4
12X41A0188	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	12	0
12X41A0188	R42015	WATER SHED MANAGEMENT	15	45	4
12X41A0188	R42019	ADVANCED STRUCTURAL ANALYSIS	17	33	4
12X41A0188	R4201B	PROJECT WORK	48	136	12
12X41A0189	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	7	0
12X41A0189	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	11	36	4
12X41A0189	R42015	WATER SHED MANAGEMENT	8	33	4
12X41A0189	R42019	ADVANCED STRUCTURAL ANALYSIS	13	8	0
12X41A0189	R4201B	PROJECT WORK	47	130	12
12X41A0190	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	39	4
12X41A0190	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	7	34	4
12X41A0190	R42015	WATER SHED MANAGEMENT	12	52	4
12X41A0190	R42019	ADVANCED STRUCTURAL ANALYSIS	13	27	4
12X41A0190	R4201B	PROJECT WORK	49	134	12
12X41A0192	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	70	4
12X41A0192	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	9	46	4
12X41A0192	R42015	WATER SHED MANAGEMENT	18	55	4
12X41A0192	R42019	ADVANCED STRUCTURAL ANALYSIS	11	0	0
12X41A0192	R4201B	PROJECT WORK	48	140	12
12X41A0193	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	50	4
12X41A0193	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	12	40	4
12X41A0193	R42015	WATER SHED MANAGEMENT	13	55	4
12X41A0193	R42019	ADVANCED STRUCTURAL ANALYSIS	14	28	4
12X41A0193	R4201B	PROJECT WORK	49	141	12
12X41A0195	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	15	37	4
12X41A0195	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	40	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0195	R42015	WATER SHED MANAGEMENT	13	42	4
12X41A0195	R42019	ADVANCED STRUCTURAL ANALYSIS	18	17	0
12X41A0195	R4201B	PROJECT WORK	48	130	12
12X41A0196	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	42	4
12X41A0196	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	11	5	0
12X41A0196	R42015	WATER SHED MANAGEMENT	10	45	4
12X41A0196	R42019	ADVANCED STRUCTURAL ANALYSIS	12	0	0
12X41A0196	R4201B	PROJECT WORK	48	136	12
12X41A0197	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	42	4
12X41A0197	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	9	32	4
12X41A0197	R42015	WATER SHED MANAGEMENT	14	46	4
12X41A0197	R42019	ADVANCED STRUCTURAL ANALYSIS	15	0	0
12X41A0197	R4201B	PROJECT WORK	50	137	12
12X41A0198	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	34	4
12X41A0198	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	38	4
12X41A0198	R42015	WATER SHED MANAGEMENT	16	40	4
12X41A0198	R42019	ADVANCED STRUCTURAL ANALYSIS	15	31	4
12X41A0198	R4201B	PROJECT WORK	48	130	12
12X41A0199	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	49	4
12X41A0199	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	41	4
12X41A0199	R42015	WATER SHED MANAGEMENT	15	57	4
12X41A0199	R42019	ADVANCED STRUCTURAL ANALYSIS	19	33	4
12X41A0199	R4201B	PROJECT WORK	50	131	12
12X41A01A0	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	71	4
12X41A01A0	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	9	40	4
12X41A01A0	R42015	WATER SHED MANAGEMENT	13	57	4
12X41A01A0	R42019	ADVANCED STRUCTURAL ANALYSIS	17	14	0
12X41A01A0	R4201B	PROJECT WORK	48	127	12
12X41A01A1	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	37	4
12X41A01A1	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	46	4
12X41A01A1	R42015	WATER SHED MANAGEMENT	13	53	4
12X41A01A1	R42019	ADVANCED STRUCTURAL ANALYSIS	15	35	4
12X41A01A1	R4201B	PROJECT WORK	50	137	12
12X41A01A3	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	50	4
12X41A01A3	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	42	4
12X41A01A3	R42015	WATER SHED MANAGEMENT	14	52	4
12X41A01A3	R42019	ADVANCED STRUCTURAL ANALYSIS	16	47	4
12X41A01A3	R4201B	PROJECT WORK	50	124	12
12X41A01A4	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	44	4
12X41A01A4	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	9	37	4
12X41A01A4	R42015	WATER SHED MANAGEMENT	12	51	4
12X41A01A4	R42019	ADVANCED STRUCTURAL ANALYSIS	12	15	0
12X41A01A4	R4201B	PROJECT WORK	50	136	12
12X41A01A6	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	31	4
12X41A01A6	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	34	4
12X41A01A6	R42015	WATER SHED MANAGEMENT	15	48	4
12X41A01A6	R42019	ADVANCED STRUCTURAL ANALYSIS	12	2	0
12X41A01A6	R4201B	PROJECT WORK	50	133	12
12X41A01A7	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	53	4
12X41A01A7	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	46	4

Htno	Subcode	Subname	Internal	External	credits
12X41A01A7	R42015	WATER SHED MANAGEMENT	15	57	4
12X41A01A7	R42019	ADVANCED STRUCTURAL ANALYSIS	15	2	0
12X41A01A7	R4201B	PROJECT WORK	49	127	12
12X41A01A9	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	32	4
12X41A01A9	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	31	4
12X41A01A9	R42015	WATER SHED MANAGEMENT	14	41	4
12X41A01A9	R42019	ADVANCED STRUCTURAL ANALYSIS	12	30	4
12X41A01A9	R4201B	PROJECT WORK	48	138	12
12X41A01B1	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	41	4
12X41A01B1	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	46	4
12X41A01B1	R42015	WATER SHED MANAGEMENT	14	50	4
12X41A01B1	R42019	ADVANCED STRUCTURAL ANALYSIS	14	32	4
12X41A01B1	R4201B	PROJECT WORK	48	134	12
12X41A01B2	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	12	31	4
12X41A01B2	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	0	7	0
12X41A01B2	R42015	WATER SHED MANAGEMENT	5	41	4
12X41A01B2	R42019	ADVANCED STRUCTURAL ANALYSIS	17	5	0
12X41A01B2	R4201B	PROJECT WORK	45	125	12
12X41A01B3	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	14	0
12X41A01B3	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	41	4
12X41A01B3	R42015	WATER SHED MANAGEMENT	13	54	4
12X41A01B3	R42019	ADVANCED STRUCTURAL ANALYSIS	17	29	4
12X41A01B3	R4201B	PROJECT WORK	46	127	12
12X41A01B4	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	26	4
12X41A01B4	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	28	4
12X41A01B4	R42015	WATER SHED MANAGEMENT	11	34	4
12X41A01B4	R42019	ADVANCED STRUCTURAL ANALYSIS	12	7	0
12X41A01B4	R4201B	PROJECT WORK	48	135	12
12X41A01B7	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	60	4
12X41A01B7	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	21	47	4
12X41A01B7	R42015	WATER SHED MANAGEMENT	18	54	4
12X41A01B7	R42019	ADVANCED STRUCTURAL ANALYSIS	14	26	4
12X41A01B7	R4201B	PROJECT WORK	50	145	12
12X41A01B8	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	67	4
12X41A01B8	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	42	4
12X41A01B8	R42015	WATER SHED MANAGEMENT	14	64	4
12X41A01B8	R42019	ADVANCED STRUCTURAL ANALYSIS	10	14	0
12X41A01B8	R4201B	PROJECT WORK	50	134	12
12X41A0201	R42021	DIGITAL CONTROL SYSTEMS	20	8	0
12X41A0201	R42022	ADVANCED CONTROL SYSTEMS	20	55	4
12X41A0201	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	53	4
12X41A0201	R42028	OOPS THROUGH JAVA	18	37	4
12X41A0201	R4202B	PROJECT	50	142	12
12X41A0202	R42021	DIGITAL CONTROL SYSTEMS	12	32	4
12X41A0202	R42024	SPECIAL ELECTRICAL MACHINES	17	0	0
12X41A0202	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	10	0
12X41A0202	R42028	OOPS THROUGH JAVA	17	36	4
12X41A0202	R4202B	PROJECT	30	120	12
12X41A0203	R42021	DIGITAL CONTROL SYSTEMS	22	46	4
12X41A0203	R42024	SPECIAL ELECTRICAL MACHINES	25	47	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0203	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	52	4
12X41A0203	R42028	OOPS THROUGH JAVA	16	44	4
12X41A0203	R4202B	PROJECT	48	140	12
12X41A0204	R42021	DIGITAL CONTROL SYSTEMS	22	52	4
12X41A0204	R42022	ADVANCED CONTROL SYSTEMS	22	27	4
12X41A0204	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	35	4
12X41A0204	R42028	OOPS THROUGH JAVA	18	26	4
12X41A0204	R4202B	PROJECT	49	140	12
12X41A0205	R42021	DIGITAL CONTROL SYSTEMS	16	3	0
12X41A0205	R42024	SPECIAL ELECTRICAL MACHINES	20	39	4
12X41A0205	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	44	4
12X41A0205	R42028	OOPS THROUGH JAVA	16	36	4
12X41A0205	R4202B	PROJECT	40	135	12
12X41A0206	R42021	DIGITAL CONTROL SYSTEMS	18	42	4
12X41A0206	R42024	SPECIAL ELECTRICAL MACHINES	21	38	4
12X41A0206	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	43	4
12X41A0206	R42028	OOPS THROUGH JAVA	14	36	4
12X41A0206	R4202B	PROJECT	40	130	12
12X41A0207	R42021	DIGITAL CONTROL SYSTEMS	18	44	4
12X41A0207	R42024	SPECIAL ELECTRICAL MACHINES	24	45	4
12X41A0207	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	42	4
12X41A0207	R42028	OOPS THROUGH JAVA	20	45	4
12X41A0207	R4202B	PROJECT	49	145	12
12X41A0208	R42021	DIGITAL CONTROL SYSTEMS	7	9	0
12X41A0208	R42024	SPECIAL ELECTRICAL MACHINES	18	17	0
12X41A0208	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	-1	0
12X41A0208	R42028	OOPS THROUGH JAVA	14	-1	0
12X41A0208	R4202B	PROJECT	40	125	12
12X41A0210	R42021	DIGITAL CONTROL SYSTEMS	20	9	0
12X41A0210	R42024	SPECIAL ELECTRICAL MACHINES	24	44	4
12X41A0210	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	42	4
12X41A0210	R42028	OOPS THROUGH JAVA	12	30	4
12X41A0210	R4202B	PROJECT	47	130	12
12X41A0211	R42021	DIGITAL CONTROL SYSTEMS	22	67	4
12X41A0211	R42022	ADVANCED CONTROL SYSTEMS	23	38	4
12X41A0211	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	39	4
12X41A0211	R42028	OOPS THROUGH JAVA	16	50	4
12X41A0211	R4202B	PROJECT	50	145	12
12X41A0212	R42021	DIGITAL CONTROL SYSTEMS	18	34	4
12X41A0212	R42022	ADVANCED CONTROL SYSTEMS	19	46	4
12X41A0212	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	51	4
12X41A0212	R42028	OOPS THROUGH JAVA	16	38	4
12X41A0212	R4202B	PROJECT	45	135	12
12X41A0213	R42021	DIGITAL CONTROL SYSTEMS	25	60	4
12X41A0213	R42024	SPECIAL ELECTRICAL MACHINES	25	46	4
12X41A0213	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	53	4
12X41A0213	R42028	OOPS THROUGH JAVA	24	31	4
12X41A0213	R4202B	PROJECT	50	150	12
12X41A0215	R42021	DIGITAL CONTROL SYSTEMS	14	1	0
12X41A0215	R42024	SPECIAL ELECTRICAL MACHINES	20	13	0
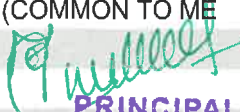
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12X41A0215	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	59	4
12X41A0215	R42028	OOPS THROUGH JAVA	14	47	4
12X41A0215	R4202B	PROJECT	40	115	12
12X41A0216	R42021	DIGITAL CONTROL SYSTEMS	19	55	4
12X41A0216	R42024	SPECIAL ELECTRICAL MACHINES	19	41	4
12X41A0216	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	40	4
12X41A0216	R42028	OOPS THROUGH JAVA	17	44	4
12X41A0216	R4202B	PROJECT	36	130	12
12X41A0217	R42021	DIGITAL CONTROL SYSTEMS	22	36	4
12X41A0217	R42024	SPECIAL ELECTRICAL MACHINES	23	58	4
12X41A0217	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	50	4
12X41A0217	R42028	OOPS THROUGH JAVA	15	38	4
12X41A0217	R4202B	PROJECT	49	140	12
12X41A0218	R42021	DIGITAL CONTROL SYSTEMS	19	51	4
12X41A0218	R42024	SPECIAL ELECTRICAL MACHINES	24	45	4
12X41A0218	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	39	4
12X41A0218	R42028	OOPS THROUGH JAVA	17	33	4
12X41A0218	R4202B	PROJECT	47	145	12
12X41A0219	R42021	DIGITAL CONTROL SYSTEMS	12	1	0
12X41A0219	R42024	SPECIAL ELECTRICAL MACHINES	14	42	4
12X41A0219	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	45	4
12X41A0219	R42028	OOPS THROUGH JAVA	14	33	4
12X41A0219	R4202B	PROJECT	45	124	12
12X41A0220	R42021	DIGITAL CONTROL SYSTEMS	19	40	4
12X41A0220	R42024	SPECIAL ELECTRICAL MACHINES	22	31	4
12X41A0220	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	34	4
12X41A0220	R42028	OOPS THROUGH JAVA	15	49	4
12X41A0220	R4202B	PROJECT	49	138	12
12X41A0221	R42021	DIGITAL CONTROL SYSTEMS	18	32	4
12X41A0221	R42024	SPECIAL ELECTRICAL MACHINES	2	29	0
12X41A0221	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	50	4
12X41A0221	R42028	OOPS THROUGH JAVA	14	38	4
12X41A0221	R4202B	PROJECT	42	120	12
12X41A0222	R42021	DIGITAL CONTROL SYSTEMS	18	37	4
12X41A0222	R42024	SPECIAL ELECTRICAL MACHINES	23	42	4
12X41A0222	R42025	NON CONVENTIONAL SOURCES OF ENERGY	18	40	4
12X41A0222	R42028	OOPS THROUGH JAVA	15	27	4
12X41A0222	R4202B	PROJECT	42	100	12
12X41A0223	R42021	DIGITAL CONTROL SYSTEMS	25	44	4
12X41A0223	R42024	SPECIAL ELECTRICAL MACHINES	25	62	4
12X41A0223	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	47	4
12X41A0223	R42028	OOPS THROUGH JAVA	23	62	4
12X41A0223	R4202B	PROJECT	50	150	12
12X41A0226	R42021	DIGITAL CONTROL SYSTEMS	15	49	4
12X41A0226	R42024	SPECIAL ELECTRICAL MACHINES	21	12	0
12X41A0226	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	39	4
12X41A0226	R42028	OOPS THROUGH JAVA	14	36	4
12X41A0226	R4202B	PROJECT	25	100	12
12X41A0228	R42021	DIGITAL CONTROL SYSTEMS	17	14	0
12X41A0228	R42024	SPECIAL ELECTRICAL MACHINES	23	32	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0228	R42025	NON CONVENTIONAL SOURCES OF ENERGY	22	49	4
12X41A0228	R42028	OOPS THROUGH JAVA	16	28	4
12X41A0228	R4202B	PROJECT	45	115	12
12X41A0229	R42021	DIGITAL CONTROL SYSTEMS	15	38	4
12X41A0229	R42024	SPECIAL ELECTRICAL MACHINES	9	32	4
12X41A0229	R42025	NON CONVENTIONAL SOURCES OF ENERGY	16	5	0
12X41A0229	R42028	OOPS THROUGH JAVA	11	13	0
12X41A0229	R4202B	PROJECT	47	125	12
12X41A0230	R42021	DIGITAL CONTROL SYSTEMS	23	7	0
12X41A0230	R42024	SPECIAL ELECTRICAL MACHINES	25	54	4
12X41A0230	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	39	4
12X41A0230	R42028	OOPS THROUGH JAVA	18	37	4
12X41A0230	R4202B	PROJECT	48	133	12
12X41A0231	R42021	DIGITAL CONTROL SYSTEMS	22	61	4
12X41A0231	R42024	SPECIAL ELECTRICAL MACHINES	25	54	4
12X41A0231	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	46	4
12X41A0231	R42028	OOPS THROUGH JAVA	25	53	4
12X41A0231	R4202B	PROJECT	50	145	12
12X41A0233	R42021	DIGITAL CONTROL SYSTEMS	19	55	4
12X41A0233	R42024	SPECIAL ELECTRICAL MACHINES	25	42	4
12X41A0233	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	47	4
12X41A0233	R42028	OOPS THROUGH JAVA	24	40	4
12X41A0233	R4202B	PROJECT	50	142	12
12X41A0234	R42021	DIGITAL CONTROL SYSTEMS	23	64	4
12X41A0234	R42024	SPECIAL ELECTRICAL MACHINES	25	46	4
12X41A0234	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	48	4
12X41A0234	R42028	OOPS THROUGH JAVA	20	36	4
12X41A0234	R4202B	PROJECT	50	145	12
12X41A0235	R42021	DIGITAL CONTROL SYSTEMS	22	26	4
12X41A0235	R42024	SPECIAL ELECTRICAL MACHINES	25	51	4
12X41A0235	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	49	4
12X41A0235	R42028	OOPS THROUGH JAVA	22	55	4
12X41A0235	R4202B	PROJECT	50	149	12
12X41A0236	R42021	DIGITAL CONTROL SYSTEMS	18	52	4
12X41A0236	R42024	SPECIAL ELECTRICAL MACHINES	21	29	4
12X41A0236	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	46	4
12X41A0236	R42028	OOPS THROUGH JAVA	14	46	4
12X41A0236	R4202B	PROJECT	42	133	12
12X41A0237	R42021	DIGITAL CONTROL SYSTEMS	24	53	4
12X41A0237	R42024	SPECIAL ELECTRICAL MACHINES	25	46	4
12X41A0237	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	49	4
12X41A0237	R42028	OOPS THROUGH JAVA	23	48	4
12X41A0237	R4202B	PROJECT	50	147	12
12X41A0238	R42021	DIGITAL CONTROL SYSTEMS	12	15	0
12X41A0238	R42024	SPECIAL ELECTRICAL MACHINES	16	33	4
12X41A0238	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	4	0
12X41A0238	R42028	OOPS THROUGH JAVA	8	27	0
12X41A0238	R4202B	PROJECT	40	100	12
12X41A0239	R42021	DIGITAL CONTROL SYSTEMS	25	35	4
12X41A0239	R42024	SPECIAL ELECTRICAL MACHINES	21	53	4
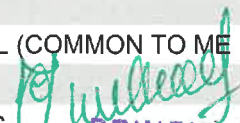
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12X41A0239	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	44	4
12X41A0239	R42028	OOPS THROUGH JAVA	23	45	4
12X41A0239	R4202B	PROJECT	50	145	12
12X41A0240	R42021	DIGITAL CONTROL SYSTEMS	17	57	4
12X41A0240	R42024	SPECIAL ELECTRICAL MACHINES	20	29	4
12X41A0240	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	41	4
12X41A0240	R42028	OOPS THROUGH JAVA	9	46	4
12X41A0240	R4202B	PROJECT	35	125	12
12X41A0301	R42031	INTERACTIVE COMPUTER GRAPHICS	20	40	4
12X41A0301	R42034	AUTOMATION IN MANUFACTURING	21	41	4
12X41A0301	R42039	POWER PLANT ENGINEERING	20	34	4
12X41A0301	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	50	4
12X41A0301	R4203E	PROJECT WORK	40	148	12
12X41A0302	R42031	INTERACTIVE COMPUTER GRAPHICS	19	35	4
12X41A0302	R42034	AUTOMATION IN MANUFACTURING	23	48	4
12X41A0302	R42039	POWER PLANT ENGINEERING	22	31	4
12X41A0302	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	45	4
12X41A0302	R4203E	PROJECT WORK	49	147	12
12X41A0303	R42031	INTERACTIVE COMPUTER GRAPHICS	19	32	4
12X41A0303	R42034	AUTOMATION IN MANUFACTURING	19	39	4
12X41A0303	R42039	POWER PLANT ENGINEERING	17	26	4
12X41A0303	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	30	4
12X41A0303	R4203E	PROJECT WORK	48	146	12
12X41A0304	R42031	INTERACTIVE COMPUTER GRAPHICS	20	26	4
12X41A0304	R42034	AUTOMATION IN MANUFACTURING	19	27	4
12X41A0304	R42039	POWER PLANT ENGINEERING	18	33	4
12X41A0304	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	15	26	4
12X41A0304	R4203E	PROJECT WORK	48	141	12
12X41A0305	R42031	INTERACTIVE COMPUTER GRAPHICS	24	39	4
12X41A0305	R42034	AUTOMATION IN MANUFACTURING	20	39	4
12X41A0305	R42039	POWER PLANT ENGINEERING	21	31	4
12X41A0305	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	42	4
12X41A0305	R4203E	PROJECT WORK	47	148	12
12X41A0306	R42031	INTERACTIVE COMPUTER GRAPHICS	20	41	4
12X41A0306	R42034	AUTOMATION IN MANUFACTURING	19	35	4
12X41A0306	R42039	POWER PLANT ENGINEERING	22	49	4
12X41A0306	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	53	4
12X41A0306	R4203E	PROJECT WORK	48	146	12
12X41A0307	R42031	INTERACTIVE COMPUTER GRAPHICS	17	29	4
12X41A0307	R42034	AUTOMATION IN MANUFACTURING	22	39	4
12X41A0307	R42039	POWER PLANT ENGINEERING	20	31	4
12X41A0307	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	30	4
12X41A0307	R4203E	PROJECT WORK	45	145	12
12X41A0308	R42031	INTERACTIVE COMPUTER GRAPHICS	18	0	0
12X41A0308	R42034	AUTOMATION IN MANUFACTURING	21	27	4
12X41A0308	R42039	POWER PLANT ENGINEERING	20	19	0
12X41A0308	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	8	0
12X41A0308	R4203E	PROJECT WORK	47	140	12
12X41A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	21	28	4
12X41A0309	R42034	AUTOMATION IN MANUFACTURING	23	16	0
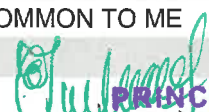
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12X41A0309	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	45	4
12X41A0309	R4203E	PROJECT WORK	48	142	12
12X41A0310	R42031	INTERACTIVE COMPUTER GRAPHICS	20	30	4
12X41A0310	R42034	AUTOMATION IN MANUFACTURING	24	36	4
12X41A0310	R42039	POWER PLANT ENGINEERING	21	38	4
12X41A0310	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	48	4
12X41A0310	R4203E	PROJECT WORK	47	143	12
12X41A0312	R42031	INTERACTIVE COMPUTER GRAPHICS	17	29	4
12X41A0312	R42034	AUTOMATION IN MANUFACTURING	18	14	0
12X41A0312	R42039	POWER PLANT ENGINEERING	20	27	4
12X41A0312	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	27	4
12X41A0312	R4203E	PROJECT WORK	49	148	12
12X41A0313	R42031	INTERACTIVE COMPUTER GRAPHICS	18	6	0
12X41A0313	R42034	AUTOMATION IN MANUFACTURING	23	0	0
12X41A0313	R42039	POWER PLANT ENGINEERING	19	15	0
12X41A0313	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	0	0
12X41A0313	R4203E	PROJECT WORK	44	145	12
12X41A0314	R42031	INTERACTIVE COMPUTER GRAPHICS	15	27	4
12X41A0314	R42034	AUTOMATION IN MANUFACTURING	21	26	4
12X41A0314	R42039	POWER PLANT ENGINEERING	17	31	4
12X41A0314	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	39	4
12X41A0314	R4203E	PROJECT WORK	47	148	12
12X41A0315	R42031	INTERACTIVE COMPUTER GRAPHICS	14	26	4
12X41A0315	R42034	AUTOMATION IN MANUFACTURING	18	26	4
12X41A0315	R42039	POWER PLANT ENGINEERING	17	28	4
12X41A0315	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	14	49	4
12X41A0315	R4203E	PROJECT WORK	47	140	12
12X41A0316	R42031	INTERACTIVE COMPUTER GRAPHICS	18	35	4
12X41A0316	R42034	AUTOMATION IN MANUFACTURING	20	35	4
12X41A0316	R42039	POWER PLANT ENGINEERING	20	36	4
12X41A0316	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	13	31	4
12X41A0316	R4203E	PROJECT WORK	49	145	12
12X41A0317	R42031	INTERACTIVE COMPUTER GRAPHICS	19	34	4
12X41A0317	R42034	AUTOMATION IN MANUFACTURING	20	16	0
12X41A0317	R42039	POWER PLANT ENGINEERING	21	32	4
12X41A0317	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	38	4
12X41A0317	R4203E	PROJECT WORK	50	147	12
12X41A0318	R42031	INTERACTIVE COMPUTER GRAPHICS	16	9	0
12X41A0318	R42034	AUTOMATION IN MANUFACTURING	16	8	0
12X41A0318	R42039	POWER PLANT ENGINEERING	19	0	0
12X41A0318	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	14	26	4
12X41A0318	R4203E	PROJECT WORK	47	144	12
12X41A0320	R42031	INTERACTIVE COMPUTER GRAPHICS	15	26	4
12X41A0320	R42034	AUTOMATION IN MANUFACTURING	0	26	0
12X41A0320	R42039	POWER PLANT ENGINEERING	0	0	0
12X41A0320	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	38	4
12X41A0320	R4203E	PROJECT WORK	48	140	12
12X41A0322	R42031	INTERACTIVE COMPUTER GRAPHICS	19	32	4
12X41A0322	R42034	AUTOMATION IN MANUFACTURING		49	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0322	R42039	POWER PLANT ENGINEERING	22	43	4
12X41A0322	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	35	4
12X41A0322	R4203E	PROJECT WORK	49	148	12
12X41A0324	R42031	INTERACTIVE COMPUTER GRAPHICS	17	27	4
12X41A0324	R42034	AUTOMATION IN MANUFACTURING	17	34	4
12X41A0324	R42039	POWER PLANT ENGINEERING	22	26	4
12X41A0324	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	38	4
12X41A0324	R4203E	PROJECT WORK	44	147	12
12X41A0325	R42031	INTERACTIVE COMPUTER GRAPHICS	14	0	0
12X41A0325	R42034	AUTOMATION IN MANUFACTURING	12	14	0
12X41A0325	R42039	POWER PLANT ENGINEERING	17	5	0
12X41A0325	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	11	3	0
12X41A0325	R4203E	PROJECT WORK	44	135	12
12X41A0326	R42031	INTERACTIVE COMPUTER GRAPHICS	20	40	4
12X41A0326	R42034	AUTOMATION IN MANUFACTURING	22	36	4
12X41A0326	R42039	POWER PLANT ENGINEERING	23	41	4
12X41A0326	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	56	4
12X41A0326	R4203E	PROJECT WORK	50	147	12
12X41A0327	R42031	INTERACTIVE COMPUTER GRAPHICS	20	39	4
12X41A0327	R42034	AUTOMATION IN MANUFACTURING	21	40	4
12X41A0327	R42039	POWER PLANT ENGINEERING	19	17	0
12X41A0327	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	33	4
12X41A0327	R4203E	PROJECT WORK	49	144	12
12X41A0328	R42031	INTERACTIVE COMPUTER GRAPHICS	14	1	0
12X41A0328	R42034	AUTOMATION IN MANUFACTURING	18	32	4
12X41A0328	R42039	POWER PLANT ENGINEERING	19	28	4
12X41A0328	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	26	4
12X41A0328	R4203E	PROJECT WORK	47	140	12
12X41A0330	R42031	INTERACTIVE COMPUTER GRAPHICS	19	31	4
12X41A0330	R42034	AUTOMATION IN MANUFACTURING	19	41	4
12X41A0330	R42039	POWER PLANT ENGINEERING	20	32	4
12X41A0330	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	39	4
12X41A0330	R4203E	PROJECT WORK	47	142	12
12X41A0331	R42031	INTERACTIVE COMPUTER GRAPHICS	18	26	4
12X41A0331	R42034	AUTOMATION IN MANUFACTURING	23	35	4
12X41A0331	R42039	POWER PLANT ENGINEERING	22	41	4
12X41A0331	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	43	4
12X41A0331	R4203E	PROJECT WORK	45	143	12
12X41A0332	R42031	INTERACTIVE COMPUTER GRAPHICS	23	46	4
12X41A0332	R42034	AUTOMATION IN MANUFACTURING	25	38	4
12X41A0332	R42039	POWER PLANT ENGINEERING	25	48	4
12X41A0332	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	55	4
12X41A0332	R4203E	PROJECT WORK	49	147	12
12X41A0333	R42031	INTERACTIVE COMPUTER GRAPHICS	22	15	0
12X41A0333	R42034	AUTOMATION IN MANUFACTURING	23	32	4
12X41A0333	R42039	POWER PLANT ENGINEERING	22	33	4
12X41A0333	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	39	4
12X41A0333	R4203E	PROJECT WORK	46	143	12
12X41A0334	R42031	INTERACTIVE COMPUTER GRAPHICS	11	29	4
12X41A0334	R42034	AUTOMATION IN MANUFACTURING	21	43	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0334	R42039	POWER PLANT ENGINEERING	20	31	4
12X41A0334	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	26	4
12X41A0334	R4203E	PROJECT WORK	45	146	12
12X41A0336	R42031	INTERACTIVE COMPUTER GRAPHICS	17	30	4
12X41A0336	R42034	AUTOMATION IN MANUFACTURING	24	37	4
12X41A0336	R42039	POWER PLANT ENGINEERING	21	30	4
12X41A0336	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	14	49	4
12X41A0336	R4203E	PROJECT WORK	47	145	12
12X41A0337	R42031	INTERACTIVE COMPUTER GRAPHICS	18	29	4
12X41A0337	R42034	AUTOMATION IN MANUFACTURING	15	13	0
12X41A0337	R42039	POWER PLANT ENGINEERING	18	13	0
12X41A0337	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	20	0
12X41A0337	R4203E	PROJECT WORK	47	140	12
12X41A0338	R42031	INTERACTIVE COMPUTER GRAPHICS	23	38	4
12X41A0338	R42034	AUTOMATION IN MANUFACTURING	18	32	4
12X41A0338	R42039	POWER PLANT ENGINEERING	24	40	4
12X41A0338	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	31	4
12X41A0338	R4203E	PROJECT WORK	46	148	12
12X41A0339	R42031	INTERACTIVE COMPUTER GRAPHICS	18	20	0
12X41A0339	R42034	AUTOMATION IN MANUFACTURING	20	41	4
12X41A0339	R42039	POWER PLANT ENGINEERING	17	38	4
12X41A0339	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	31	4
12X41A0339	R4203E	PROJECT WORK	45	144	12
12X41A0340	R42031	INTERACTIVE COMPUTER GRAPHICS	21	37	4
12X41A0340	R42034	AUTOMATION IN MANUFACTURING	17	40	4
12X41A0340	R42039	POWER PLANT ENGINEERING	19	31	4
12X41A0340	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	47	4
12X41A0340	R4203E	PROJECT WORK	47	140	12
12X41A0341	R42031	INTERACTIVE COMPUTER GRAPHICS	17	26	4
12X41A0341	R42034	AUTOMATION IN MANUFACTURING	15	29	4
12X41A0341	R42039	POWER PLANT ENGINEERING	15	10	0
12X41A0341	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	12	20	0
12X41A0341	R4203E	PROJECT WORK	46	143	12
12X41A0342	R42031	INTERACTIVE COMPUTER GRAPHICS	5	0	0
12X41A0342	R42034	AUTOMATION IN MANUFACTURING	17	26	4
12X41A0342	R42039	POWER PLANT ENGINEERING	19	15	0
12X41A0342	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	15	8	0
12X41A0342	R4203E	PROJECT WORK	46	142	12
12X41A0343	R42031	INTERACTIVE COMPUTER GRAPHICS	20	39	4
12X41A0343	R42034	AUTOMATION IN MANUFACTURING	21	33	4
12X41A0343	R42039	POWER PLANT ENGINEERING	22	56	4
12X41A0343	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	45	4
12X41A0343	R4203E	PROJECT WORK	45	137	12
12X41A0344	R42031	INTERACTIVE COMPUTER GRAPHICS	4	0	0
12X41A0344	R42034	AUTOMATION IN MANUFACTURING	0	3	0
12X41A0344	R42039	POWER PLANT ENGINEERING	0	0	0
12X41A0344	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	8	10	0
12X41A0344	R4203E	PROJECT WORK	45	137	12
12X41A0345	R42031	INTERACTIVE COMPUTER GRAPHICS		36	4
12X41A0345	R42034	AUTOMATION IN MANUFACTURING	22	44	4
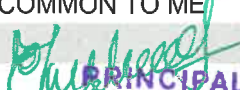
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12X41A0345	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	39	4
12X41A0345	R4203E	PROJECT WORK	45	140	12
12X41A0346	R42031	INTERACTIVE COMPUTER GRAPHICS	17	0	0
12X41A0346	R42034	AUTOMATION IN MANUFACTURING	19	8	0
12X41A0346	R42039	POWER PLANT ENGINEERING	19	0	0
12X41A0346	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	12	0
12X41A0346	R4203E	PROJECT WORK	47	140	12
12X41A0349	R42031	INTERACTIVE COMPUTER GRAPHICS	20	40	4
12X41A0349	R42034	AUTOMATION IN MANUFACTURING	21	46	4
12X41A0349	R42039	POWER PLANT ENGINEERING	16	40	4
12X41A0349	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	41	4
12X41A0349	R4203E	PROJECT WORK	49	148	12
12X41A0350	R42031	INTERACTIVE COMPUTER GRAPHICS	20	29	4
12X41A0350	R42034	AUTOMATION IN MANUFACTURING	17	34	4
12X41A0350	R42039	POWER PLANT ENGINEERING	14	26	4
12X41A0350	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	43	4
12X41A0350	R4203E	PROJECT WORK	46	144	12
12X41A0356	R42031	INTERACTIVE COMPUTER GRAPHICS	19	35	4
12X41A0356	R42034	AUTOMATION IN MANUFACTURING	18	41	4
12X41A0356	R42039	POWER PLANT ENGINEERING	20	18	0
12X41A0356	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	31	4
12X41A0356	R4203E	PROJECT WORK	50	142	12
12X41A0357	R42031	INTERACTIVE COMPUTER GRAPHICS	17	26	4
12X41A0357	R42034	AUTOMATION IN MANUFACTURING	23	26	4
12X41A0357	R42039	POWER PLANT ENGINEERING	22	15	0
12X41A0357	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	36	4
12X41A0357	R4203E	PROJECT WORK	48	139	12
12X41A0358	R42031	INTERACTIVE COMPUTER GRAPHICS	17	39	4
12X41A0358	R42034	AUTOMATION IN MANUFACTURING	20	32	4
12X41A0358	R42039	POWER PLANT ENGINEERING	20	31	4
12X41A0358	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	34	4
12X41A0358	R4203E	PROJECT WORK	49	145	12
12X41A0359	R42031	INTERACTIVE COMPUTER GRAPHICS	21	30	4
12X41A0359	R42034	AUTOMATION IN MANUFACTURING	22	33	4
12X41A0359	R42039	POWER PLANT ENGINEERING	24	26	4
12X41A0359	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	40	4
12X41A0359	R4203E	PROJECT WORK	47	140	12
12X41A0360	R42031	INTERACTIVE COMPUTER GRAPHICS	17	34	4
12X41A0360	R42034	AUTOMATION IN MANUFACTURING	20	32	4
12X41A0360	R42039	POWER PLANT ENGINEERING	18	11	0
12X41A0360	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	27	4
12X41A0360	R4203E	PROJECT WORK	48	140	12
12X41A0361	R42031	INTERACTIVE COMPUTER GRAPHICS	19	32	4
12X41A0361	R42034	AUTOMATION IN MANUFACTURING	23	31	4
12X41A0361	R42039	POWER PLANT ENGINEERING	23	33	4
12X41A0361	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	26	4
12X41A0361	R4203E	PROJECT WORK	47	135	12
12X41A0362	R42031	INTERACTIVE COMPUTER GRAPHICS	17	48	4
12X41A0362	R42034	AUTOMATION IN MANUFACTURING		48	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0362	R42039	POWER PLANT ENGINEERING	24	50	4
12X41A0362	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	56	4
12X41A0362	R4203E	PROJECT WORK	47	139	12
12X41A0363	R42031	INTERACTIVE COMPUTER GRAPHICS	17	26	4
12X41A0363	R42034	AUTOMATION IN MANUFACTURING	24	32	4
12X41A0363	R42039	POWER PLANT ENGINEERING	21	26	4
12X41A0363	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	15	41	4
12X41A0363	R4203E	PROJECT WORK	45	140	12
12X41A0367	R42031	INTERACTIVE COMPUTER GRAPHICS	22	29	4
12X41A0367	R42034	AUTOMATION IN MANUFACTURING	25	37	4
12X41A0367	R42039	POWER PLANT ENGINEERING	22	12	0
12X41A0367	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	42	4
12X41A0367	R4203E	PROJECT WORK	49	140	12
12X41A0369	R42031	INTERACTIVE COMPUTER GRAPHICS	22	26	4
12X41A0369	R42034	AUTOMATION IN MANUFACTURING	25	38	4
12X41A0369	R42039	POWER PLANT ENGINEERING	24	28	4
12X41A0369	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	38	4
12X41A0369	R4203E	PROJECT WORK	46	148	12
12X41A0370	R42031	INTERACTIVE COMPUTER GRAPHICS	20	59	4
12X41A0370	R42034	AUTOMATION IN MANUFACTURING	25	41	4
12X41A0370	R42039	POWER PLANT ENGINEERING	25	51	4
12X41A0370	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	45	4
12X41A0370	R4203E	PROJECT WORK	50	139	12
12X41A0371	R42031	INTERACTIVE COMPUTER GRAPHICS	21	34	4
12X41A0371	R42034	AUTOMATION IN MANUFACTURING	25	51	4
12X41A0371	R42039	POWER PLANT ENGINEERING	25	43	4
12X41A0371	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	66	4
12X41A0371	R4203E	PROJECT WORK	49	148	12
12X41A0372	R42031	INTERACTIVE COMPUTER GRAPHICS	20	39	4
12X41A0372	R42034	AUTOMATION IN MANUFACTURING	24	51	4
12X41A0372	R42039	POWER PLANT ENGINEERING	21	33	4
12X41A0372	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	45	4
12X41A0372	R4203E	PROJECT WORK	48	145	12
12X41A0373	R42031	INTERACTIVE COMPUTER GRAPHICS	17	26	4
12X41A0373	R42034	AUTOMATION IN MANUFACTURING	20	34	4
12X41A0373	R42039	POWER PLANT ENGINEERING	23	27	4
12X41A0373	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	28	4
12X41A0373	R4203E	PROJECT WORK	47	147	12
12X41A0374	R42031	INTERACTIVE COMPUTER GRAPHICS	17	43	4
12X41A0374	R42034	AUTOMATION IN MANUFACTURING	20	38	4
12X41A0374	R42039	POWER PLANT ENGINEERING	24	40	4
12X41A0374	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	40	4
12X41A0374	R4203E	PROJECT WORK	46	140	12
12X41A0375	R42031	INTERACTIVE COMPUTER GRAPHICS	22	17	0
12X41A0375	R42034	AUTOMATION IN MANUFACTURING	22	33	4
12X41A0375	R42039	POWER PLANT ENGINEERING	19	17	0
12X41A0375	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	43	4
12X41A0375	R4203E	PROJECT WORK	48	145	12
12X41A0376	R42031	INTERACTIVE COMPUTER GRAPHICS	22	43	4
12X41A0376	R42034	AUTOMATION IN MANUFACTURING	21	51	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0376	R42039	POWER PLANT ENGINEERING	24	38	4
12X41A0376	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	25	38	4
12X41A0376	R4203E	PROJECT WORK	49	145	12
12X41A0377	R42031	INTERACTIVE COMPUTER GRAPHICS	18	13	0
12X41A0377	R42034	AUTOMATION IN MANUFACTURING	20	33	4
12X41A0377	R42039	POWER PLANT ENGINEERING	18	26	4
12X41A0377	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	29	4
12X41A0377	R4203E	PROJECT WORK	46	140	12
12X41A0378	R42031	INTERACTIVE COMPUTER GRAPHICS	12	35	4
12X41A0378	R42034	AUTOMATION IN MANUFACTURING	21	41	4
12X41A0378	R42039	POWER PLANT ENGINEERING	21	51	4
12X41A0378	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	53	4
12X41A0378	R4203E	PROJECT WORK	49	140	12
12X41A0380	R42031	INTERACTIVE COMPUTER GRAPHICS	16	32	4
12X41A0380	R42034	AUTOMATION IN MANUFACTURING	21	16	0
12X41A0380	R42039	POWER PLANT ENGINEERING	19	12	0
12X41A0380	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	39	4
12X41A0380	R4203E	PROJECT WORK	49	140	12
12X41A0381	R42031	INTERACTIVE COMPUTER GRAPHICS	17	33	4
12X41A0381	R42034	AUTOMATION IN MANUFACTURING	23	39	4
12X41A0381	R42039	POWER PLANT ENGINEERING	21	26	4
12X41A0381	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	28	4
12X41A0381	R4203E	PROJECT WORK	46	142	12
12X41A0382	R42031	INTERACTIVE COMPUTER GRAPHICS	16	26	4
12X41A0382	R42034	AUTOMATION IN MANUFACTURING	24	34	4
12X41A0382	R42039	POWER PLANT ENGINEERING	24	46	4
12X41A0382	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	39	4
12X41A0382	R4203E	PROJECT WORK	47	141	12
12X41A0383	R42031	INTERACTIVE COMPUTER GRAPHICS	9	45	4
12X41A0383	R42034	AUTOMATION IN MANUFACTURING	20	43	4
12X41A0383	R42039	POWER PLANT ENGINEERING	16	48	4
12X41A0383	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	49	4
12X41A0383	R4203E	PROJECT WORK	47	140	12
12X41A0384	R42031	INTERACTIVE COMPUTER GRAPHICS	17	37	4
12X41A0384	R42034	AUTOMATION IN MANUFACTURING	18	42	4
12X41A0384	R42039	POWER PLANT ENGINEERING	20	45	4
12X41A0384	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	56	4
12X41A0384	R4203E	PROJECT WORK	45	140	12
12X41A0386	R42031	INTERACTIVE COMPUTER GRAPHICS	21	27	4
12X41A0386	R42034	AUTOMATION IN MANUFACTURING	23	40	4
12X41A0386	R42039	POWER PLANT ENGINEERING	21	18	0
12X41A0386	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	26	4
12X41A0386	R4203E	PROJECT WORK	46	145	12
12X41A0387	R42031	INTERACTIVE COMPUTER GRAPHICS	14	2	0
12X41A0387	R42034	AUTOMATION IN MANUFACTURING	20	28	4
12X41A0387	R42039	POWER PLANT ENGINEERING	20	19	0
12X41A0387	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	17	15	0
12X41A0387	R4203E	PROJECT WORK	46	140	12
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12X41A0388	R42034	AUTOMATION IN MANUFACTURING	24	26	4
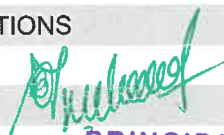
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12X41A0388	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	28	4
12X41A0388	R4203E	PROJECT WORK	45	140	12
12X41A0389	R42031	INTERACTIVE COMPUTER GRAPHICS	25	54	4
12X41A0389	R42034	AUTOMATION IN MANUFACTURING	25	61	4
12X41A0389	R42039	POWER PLANT ENGINEERING	25	39	4
12X41A0389	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	75	4
12X41A0389	R4203E	PROJECT WORK	50	148	12
12X41A0390	R42031	INTERACTIVE COMPUTER GRAPHICS	21	44	4
12X41A0390	R42034	AUTOMATION IN MANUFACTURING	24	58	4
12X41A0390	R42039	POWER PLANT ENGINEERING	25	33	4
12X41A0390	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	42	4
12X41A0390	R4203E	PROJECT WORK	50	148	12
12X41A0391	R42031	INTERACTIVE COMPUTER GRAPHICS	17	36	4
12X41A0391	R42034	AUTOMATION IN MANUFACTURING	24	31	4
12X41A0391	R42039	POWER PLANT ENGINEERING	21	30	4
12X41A0391	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	28	4
12X41A0391	R4203E	PROJECT WORK	48	140	12
12X41A0392	R42031	INTERACTIVE COMPUTER GRAPHICS	19	49	4
12X41A0392	R42034	AUTOMATION IN MANUFACTURING	24	52	4
12X41A0392	R42039	POWER PLANT ENGINEERING	23	54	4
12X41A0392	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	41	4
12X41A0392	R4203E	PROJECT WORK	48	141	12
12X41A0393	R42031	INTERACTIVE COMPUTER GRAPHICS	19	26	4
12X41A0393	R42034	AUTOMATION IN MANUFACTURING	23	31	4
12X41A0393	R42039	POWER PLANT ENGINEERING	16	26	4
12X41A0393	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	42	4
12X41A0393	R4203E	PROJECT WORK	47	148	12
12X41A0394	R42031	INTERACTIVE COMPUTER GRAPHICS	21	45	4
12X41A0394	R42034	AUTOMATION IN MANUFACTURING	22	45	4
12X41A0394	R42039	POWER PLANT ENGINEERING	21	39	4
12X41A0394	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	41	4
12X41A0394	R4203E	PROJECT WORK	49	148	12
12X41A0395	R42031	INTERACTIVE COMPUTER GRAPHICS	20	16	0
12X41A0395	R42034	AUTOMATION IN MANUFACTURING	24	34	4
12X41A0395	R42039	POWER PLANT ENGINEERING	24	30	4
12X41A0395	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	10	0
12X41A0395	R4203E	PROJECT WORK	49	140	12
12X41A0396	R42031	INTERACTIVE COMPUTER GRAPHICS	21	37	4
12X41A0396	R42034	AUTOMATION IN MANUFACTURING	25	48	4
12X41A0396	R42039	POWER PLANT ENGINEERING	22	43	4
12X41A0396	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	41	4
12X41A0396	R4203E	PROJECT WORK	48	142	12
12X41A0397	R42031	INTERACTIVE COMPUTER GRAPHICS	20	44	4
12X41A0397	R42034	AUTOMATION IN MANUFACTURING	23	59	4
12X41A0397	R42039	POWER PLANT ENGINEERING	22	26	4
12X41A0397	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	44	4
12X41A0397	R4203E	PROJECT WORK	48	142	12
12X41A0398	R42031	INTERACTIVE COMPUTER GRAPHICS	16	39	4
12X41A0398	R42034	AUTOMATION IN MANUFACTURING			4

Htno	Subcode	Subname	Internal	External	credits
12X41A0398	R42039	POWER PLANT ENGINEERING	24	48	4
12X41A0398	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	33	4
12X41A0398	R4203E	PROJECT WORK	47	140	12
12X41A0399	R42031	INTERACTIVE COMPUTER GRAPHICS	24	33	4
12X41A0399	R42034	AUTOMATION IN MANUFACTURING	25	44	4
12X41A0399	R42039	POWER PLANT ENGINEERING	23	41	4
12X41A0399	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	41	4
12X41A0399	R4203E	PROJECT WORK	50	148	12
12X41A03A1	R42031	INTERACTIVE COMPUTER GRAPHICS	20	40	4
12X41A03A1	R42034	AUTOMATION IN MANUFACTURING	25	45	4
12X41A03A1	R42039	POWER PLANT ENGINEERING	25	43	4
12X41A03A1	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	41	4
12X41A03A1	R4203E	PROJECT WORK	49	139	12
12X41A03A2	R42031	INTERACTIVE COMPUTER GRAPHICS	14	30	4
12X41A03A2	R42034	AUTOMATION IN MANUFACTURING	25	33	4
12X41A03A2	R42039	POWER PLANT ENGINEERING	22	26	4
12X41A03A2	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	55	4
12X41A03A2	R4203E	PROJECT WORK	47	148	12
12X41A03A3	R42031	INTERACTIVE COMPUTER GRAPHICS	23	43	4
12X41A03A3	R42034	AUTOMATION IN MANUFACTURING	25	68	4
12X41A03A3	R42039	POWER PLANT ENGINEERING	25	34	4
12X41A03A3	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	25	41	4
12X41A03A3	R4203E	PROJECT WORK	48	139	12
12X41A03A4	R42031	INTERACTIVE COMPUTER GRAPHICS	19	36	4
12X41A03A4	R42034	AUTOMATION IN MANUFACTURING	25	40	4
12X41A03A4	R42039	POWER PLANT ENGINEERING	22	43	4
12X41A03A4	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	42	4
12X41A03A4	R4203E	PROJECT WORK	48	144	12
12X41A03A5	R42031	INTERACTIVE COMPUTER GRAPHICS	15	38	4
12X41A03A5	R42034	AUTOMATION IN MANUFACTURING	17	35	4
12X41A03A5	R42039	POWER PLANT ENGINEERING	15	15	0
12X41A03A5	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	58	4
12X41A03A5	R4203E	PROJECT WORK	47	140	12
12X41A03A6	R42031	INTERACTIVE COMPUTER GRAPHICS	17	31	4
12X41A03A6	R42034	AUTOMATION IN MANUFACTURING	20	26	4
12X41A03A6	R42039	POWER PLANT ENGINEERING	22	37	4
12X41A03A6	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	61	4
12X41A03A6	R4203E	PROJECT WORK	47	142	12
12X41A0401	R42041	CELLULAR AND MOBILE COMMUNICATIONS	14	29	4
12X41A0401	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	21	35	4
12X41A0401	R42045	OPERATING SYSTEMS	17	27	4
12X41A0401	R4204A	TV ENGINEERING	10	38	4
12X41A0401	R4204B	PROJECT	40	130	12
12X41A0402	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	53	4
12X41A0402	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	32	4
12X41A0402	R42045	OPERATING SYSTEMS	16	52	4
12X41A0402	R4204A	TV ENGINEERING	15	32	4
12X41A0402	R4204B	PROJECT		130	12
12X41A0403	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	48	4
12X41A0403	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	42	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0403	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	24	36	4
12X41A0403	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	25	37	4
12X41A0403	R4204B	PROJECT	50	148	12
12X41A0404	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	16	0
12X41A0404	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	34	4
12X41A0404	R42045	OPERATING SYSTEMS	19	26	4
12X41A0404	R4204A	TV ENGINEERING	12	28	4
12X41A0404	R4204B	PROJECT	48	140	12
12X41A0405	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	16	0
12X41A0405	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	18	37	4
12X41A0405	R42045	OPERATING SYSTEMS	18	26	4
12X41A0405	R4204A	TV ENGINEERING	18	10	0
12X41A0405	R4204B	PROJECT	35	100	12
12X41A0406	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	55	4
12X41A0406	R42043	SATELLITE COMMUNICATIONS	20	30	4
12X41A0406	R42045	OPERATING SYSTEMS	22	44	4
12X41A0406	R4204A	TV ENGINEERING	17	40	4
12X41A0406	R4204B	PROJECT	45	146	12
12X41A0407	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	33	4
12X41A0407	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	38	4
12X41A0407	R42045	OPERATING SYSTEMS	21	57	4
12X41A0407	R4204A	TV ENGINEERING	14	34	4
12X41A0407	R4204B	PROJECT	48	140	12
12X41A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	10	11	0
12X41A0408	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	21	31	4
12X41A0408	R42045	OPERATING SYSTEMS	17	30	4
12X41A0408	R4204A	TV ENGINEERING	15	28	4
12X41A0408	R4204B	PROJECT	47	140	12
12X41A0409	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	31	4
12X41A0409	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	39	4
12X41A0409	R42045	OPERATING SYSTEMS	24	29	4
12X41A0409	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	7	0
12X41A0409	R4204B	PROJECT	50	147	12
12X41A0410	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	38	4
12X41A0410	R42043	SATELLITE COMMUNICATIONS	13	30	4
12X41A0410	R42045	OPERATING SYSTEMS	16	30	4
12X41A0410	R4204A	TV ENGINEERING	20	52	4
12X41A0410	R4204B	PROJECT	35	130	12
12X41A0411	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	30	4
12X41A0411	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	40	4
12X41A0411	R42045	OPERATING SYSTEMS	22	51	4
12X41A0411	R4204A	TV ENGINEERING	22	32	4
12X41A0411	R4204B	PROJECT	49	143	12
12X41A0412	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	39	4
12X41A0412	R42043	SATELLITE COMMUNICATIONS	18	31	4
12X41A0412	R42045	OPERATING SYSTEMS	23	35	4
12X41A0412	R4204A	TV ENGINEERING	20	26	4
12X41A0412	R4204B	PROJECT		140	12
12X41A0413	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	30	4
12X41A0413	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	37	4
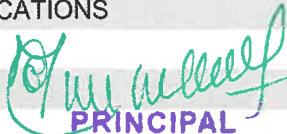
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12X41A0413	R42045	OPERATING SYSTEMS	20	26	4
12X41A0413	R4204A	TV ENGINEERING	23	16	0
12X41A0413	R4204B	PROJECT	50	142	12
12X41A0414	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	51	4
12X41A0414	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	41	4
12X41A0414	R42045	OPERATING SYSTEMS	23	44	4
12X41A0414	R4204A	TV ENGINEERING	21	37	4
12X41A0414	R4204B	PROJECT	50	148	12
12X41A0415	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	39	4
12X41A0415	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	21	38	4
12X41A0415	R42045	OPERATING SYSTEMS	23	58	4
12X41A0415	R4204A	TV ENGINEERING	24	35	4
12X41A0415	R4204B	PROJECT	50	149	12
12X41A0416	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	12	0
12X41A0416	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	21	35	4
12X41A0416	R42045	OPERATING SYSTEMS	18	6	0
12X41A0416	R4204A	TV ENGINEERING	16	13	0
12X41A0416	R4204B	PROJECT	50	145	12
12X41A0417	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	35	4
12X41A0417	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	43	4
12X41A0417	R42045	OPERATING SYSTEMS	20	37	4
12X41A0417	R4204A	TV ENGINEERING	17	38	4
12X41A0417	R4204B	PROJECT	47	145	12
12X41A0418	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	49	4
12X41A0418	R42043	SATELLITE COMMUNICATIONS	14	3	0
12X41A0418	R42045	OPERATING SYSTEMS	18	40	4
12X41A0418	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	13	32	4
12X41A0418	R4204B	PROJECT	47	140	12
12X41A0419	R42041	CELLULAR AND MOBILE COMMUNICATIONS	9	36	4
12X41A0419	R42043	SATELLITE COMMUNICATIONS	14	30	4
12X41A0419	R42045	OPERATING SYSTEMS	17	53	4
12X41A0419	R4204A	TV ENGINEERING	14	37	4
12X41A0419	R4204B	PROJECT	47	132	12
12X41A0420	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	44	4
12X41A0420	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	24	47	4
12X41A0420	R42045	OPERATING SYSTEMS	21	30	4
12X41A0420	R4204A	TV ENGINEERING	20	43	4
12X41A0420	R4204B	PROJECT	42	145	12
12X41A0421	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	28	4
12X41A0421	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	17	38	4
12X41A0421	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	41	4
12X41A0421	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	36	4
12X41A0421	R4204B	PROJECT	45	135	12
12X41A0423	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	49	4
12X41A0423	R42043	SATELLITE COMMUNICATIONS	16	26	4
12X41A0423	R42045	OPERATING SYSTEMS	20	26	4
12X41A0423	R4204A	TV ENGINEERING	21	29	4
12X41A0423	R4204B	PROJECT	40	141	12
12X41A0424	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	27	4
12X41A0424	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	39	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0424	R42045	OPERATING SYSTEMS	19	47	4
12X41A0424	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	26	4
12X41A0424	R4204B	PROJECT	45	145	12
12X41A0425	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	61	4
12X41A0425	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	43	4
12X41A0425	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	23	32	4
12X41A0425	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	21	41	4
12X41A0425	R4204B	PROJECT	48	148	12
12X41A0426	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	32	4
12X41A0426	R42043	SATELLITE COMMUNICATIONS	22	45	4
12X41A0426	R42045	OPERATING SYSTEMS	20	58	4
12X41A0426	R4204A	TV ENGINEERING	16	33	4
12X41A0426	R4204B	PROJECT	47	140	12
12X41A0427	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	28	4
12X41A0427	R42043	SATELLITE COMMUNICATIONS	16	13	0
12X41A0427	R42045	OPERATING SYSTEMS	18	10	0
12X41A0427	R4204A	TV ENGINEERING	20	43	4
12X41A0427	R4204B	PROJECT	40	135	12
12X41A0428	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	55	4
12X41A0428	R42043	SATELLITE COMMUNICATIONS	20	33	4
12X41A0428	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	35	4
12X41A0428	R4204A	TV ENGINEERING	21	50	4
12X41A0428	R4204B	PROJECT	49	148	12
12X41A0429	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	48	4
12X41A0429	R42043	SATELLITE COMMUNICATIONS	20	44	4
12X41A0429	R42045	OPERATING SYSTEMS	22	42	4
12X41A0429	R4204A	TV ENGINEERING	20	35	4
12X41A0429	R4204B	PROJECT	49	142	12
12X41A0430	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	38	4
12X41A0430	R42043	SATELLITE COMMUNICATIONS	15	35	4
12X41A0430	R42045	OPERATING SYSTEMS	21	40	4
12X41A0430	R4204A	TV ENGINEERING	16	38	4
12X41A0430	R4204B	PROJECT	46	130	12
12X41A0431	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	35	4
12X41A0431	R42043	SATELLITE COMMUNICATIONS	14	10	0
12X41A0431	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	12	0
12X41A0431	R4204A	TV ENGINEERING	13	39	4
12X41A0431	R4204B	PROJECT	45	145	12
12X41A0432	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	32	4
12X41A0432	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	36	4
12X41A0432	R42045	OPERATING SYSTEMS	20	40	4
12X41A0432	R4204A	TV ENGINEERING	13	17	0
12X41A0432	R4204B	PROJECT	45	138	12
12X41A0433	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	54	4
12X41A0433	R42043	SATELLITE COMMUNICATIONS	14	31	4
12X41A0433	R42045	OPERATING SYSTEMS	19	26	4
12X41A0433	R4204A	TV ENGINEERING	17	33	4
12X41A0433	R4204B	PROJECT		144	12
12X41A0434	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	45	4
12X41A0434	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	44	4
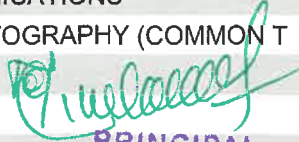
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12X41A0434	R42045	OPERATING SYSTEMS	22	26	4
12X41A0434	R4204A	TV ENGINEERING	22	35	4
12X41A0434	R4204B	PROJECT	50	147	12
12X41A0435	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	46	4
12X41A0435	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	21	47	4
12X41A0435	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	21	27	4
12X41A0435	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	42	4
12X41A0435	R4204B	PROJECT	48	145	12
12X41A0436	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	42	4
12X41A0436	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	44	4
12X41A0436	R42045	OPERATING SYSTEMS	21	37	4
12X41A0436	R4204A	TV ENGINEERING	23	52	4
12X41A0436	R4204B	PROJECT	45	138	12
12X41A0437	R42041	CELLULAR AND MOBILE COMMUNICATIONS	25	51	4
12X41A0437	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	24	46	4
12X41A0437	R42045	OPERATING SYSTEMS	21	56	4
12X41A0437	R4204A	TV ENGINEERING	21	43	4
12X41A0437	R4204B	PROJECT	50	145	12
12X41A0438	R42041	CELLULAR AND MOBILE COMMUNICATIONS	15	28	4
12X41A0438	R42043	SATELLITE COMMUNICATIONS	11	6	0
12X41A0438	R42045	OPERATING SYSTEMS	16	9	0
12X41A0438	R4204A	TV ENGINEERING	14	31	4
12X41A0438	R4204B	PROJECT	45	125	12
12X41A0439	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	40	4
12X41A0439	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	18	51	4
12X41A0439	R42045	OPERATING SYSTEMS	19	32	4
12X41A0439	R4204A	TV ENGINEERING	18	35	4
12X41A0439	R4204B	PROJECT	47	130	12
12X41A0440	R42041	CELLULAR AND MOBILE COMMUNICATIONS	12	30	4
12X41A0440	R42043	SATELLITE COMMUNICATIONS	10	12	0
12X41A0440	R42045	OPERATING SYSTEMS	15	27	4
12X41A0440	R4204A	TV ENGINEERING	10	15	0
12X41A0440	R4204B	PROJECT	46	130	12
12X41A0441	R42041	CELLULAR AND MOBILE COMMUNICATIONS	15	65	4
12X41A0441	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	19	36	4
12X41A0441	R42045	OPERATING SYSTEMS	22	52	4
12X41A0441	R4204A	TV ENGINEERING	18	44	4
12X41A0441	R4204B	PROJECT	48	145	12
12X41A0442	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	39	4
12X41A0442	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	47	4
12X41A0442	R42045	OPERATING SYSTEMS	23	33	4
12X41A0442	R4204A	TV ENGINEERING	21	42	4
12X41A0442	R4204B	PROJECT	50	147	12
12X41A0443	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	43	4
12X41A0443	R42043	SATELLITE COMMUNICATIONS	15	5	0
12X41A0443	R42045	OPERATING SYSTEMS	19	9	0
12X41A0443	R4204A	TV ENGINEERING	17	17	0
12X41A0443	R4204B	PROJECT	45	130	12
12X41A0444	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	35	4
12X41A0444	R42043	SATELLITE COMMUNICATIONS	18	30	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0444	R42045	OPERATING SYSTEMS	21	27	4
12X41A0444	R4204A	TV ENGINEERING	18	46	4
12X41A0444	R4204B	PROJECT	45	140	12
12X41A0445	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	44	4
12X41A0445	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	19	41	4
12X41A0445	R42045	OPERATING SYSTEMS	23	47	4
12X41A0445	R4204A	TV ENGINEERING	21	39	4
12X41A0445	R4204B	PROJECT	46	138	12
12X41A0446	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	45	4
12X41A0446	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	16	44	4
12X41A0446	R42045	OPERATING SYSTEMS	21	30	4
12X41A0446	R4204A	TV ENGINEERING	22	28	4
12X41A0446	R4204B	PROJECT	49	142	12
12X41A0447	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	58	4
12X41A0447	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	52	4
12X41A0447	R42045	OPERATING SYSTEMS	22	60	4
12X41A0447	R4204A	TV ENGINEERING	25	39	4
12X41A0447	R4204B	PROJECT	50	148	12
12X41A0448	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	49	4
12X41A0448	R42043	SATELLITE COMMUNICATIONS	20	39	4
12X41A0448	R42045	OPERATING SYSTEMS	18	47	4
12X41A0448	R4204A	TV ENGINEERING	21	52	4
12X41A0448	R4204B	PROJECT	40	140	12
12X41A0449	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	46	4
12X41A0449	R42043	SATELLITE COMMUNICATIONS	18	36	4
12X41A0449	R42045	OPERATING SYSTEMS	20	54	4
12X41A0449	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	17	39	4
12X41A0449	R4204B	PROJECT	48	145	12
12X41A0450	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	36	4
12X41A0450	R42043	SATELLITE COMMUNICATIONS	17	30	4
12X41A0450	R42045	OPERATING SYSTEMS	21	35	4
12X41A0450	R4204A	TV ENGINEERING	17	38	4
12X41A0450	R4204B	PROJECT	48	145	12
12X41A0451	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	59	4
12X41A0451	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	47	4
12X41A0451	R42045	OPERATING SYSTEMS	23	54	4
12X41A0451	R4204A	TV ENGINEERING	23	45	4
12X41A0451	R4204B	PROJECT	50	148	12
12X41A0453	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	53	4
12X41A0453	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	52	4
12X41A0453	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	20	37	4
12X41A0453	R4204A	TV ENGINEERING	21	36	4
12X41A0453	R4204B	PROJECT	50	148	12
12X41A0454	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	44	4
12X41A0454	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	18	41	4
12X41A0454	R42045	OPERATING SYSTEMS	20	42	4
12X41A0454	R4204A	TV ENGINEERING	22	46	4
12X41A0454	R4204B	PROJECT	48	133	12
12X41A0456	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	42	4
12X41A0456	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	40	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0456	R42045	OPERATING SYSTEMS	23	55	4
12X41A0456	R4204A	TV ENGINEERING	25	37	4
12X41A0456	R4204B	PROJECT	50	150	12
12X41A0457	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	56	4
12X41A0457	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	22	41	4
12X41A0457	R42045	OPERATING SYSTEMS	20	34	4
12X41A0457	R4204A	TV ENGINEERING	21	32	4
12X41A0457	R4204B	PROJECT	42	143	12
12X41A0458	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	39	4
12X41A0458	R42043	SATELLITE COMMUNICATIONS	20	30	4
12X41A0458	R42045	OPERATING SYSTEMS	22	46	4
12X41A0458	R4204A	TV ENGINEERING	20	35	4
12X41A0458	R4204B	PROJECT	50	148	12
12X41A0459	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	55	4
12X41A0459	R42043	SATELLITE COMMUNICATIONS	18	11	0
12X41A0459	R42045	OPERATING SYSTEMS	10	30	4
12X41A0459	R4204A	TV ENGINEERING	13	37	4
12X41A0459	R4204B	PROJECT	48	135	12
12X41A0460	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	13	0
12X41A0460	R42043	SATELLITE COMMUNICATIONS	14	33	4
12X41A0460	R42045	OPERATING SYSTEMS	14	38	4
12X41A0460	R4204A	TV ENGINEERING	13	27	4
12X41A0460	R4204B	PROJECT	42	100	12
12X41A0461	R42041	CELLULAR AND MOBILE COMMUNICATIONS	12	39	4
12X41A0461	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	35	4
12X41A0461	R42045	OPERATING SYSTEMS	19	26	4
12X41A0461	R4204A	TV ENGINEERING	15	26	4
12X41A0461	R4204B	PROJECT	46	130	12
12X41A0462	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	44	4
12X41A0462	R42043	SATELLITE COMMUNICATIONS	16	40	4
12X41A0462	R42045	OPERATING SYSTEMS	22	40	4
12X41A0462	R4204A	TV ENGINEERING	21	33	4
12X41A0462	R4204B	PROJECT	48	135	12
12X41A0463	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	38	4
12X41A0463	R42043	SATELLITE COMMUNICATIONS	17	30	4
12X41A0463	R42045	OPERATING SYSTEMS	25	35	4
12X41A0463	R4204A	TV ENGINEERING	22	52	4
12X41A0463	R4204B	PROJECT	49	140	12
12X41A0465	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	19	0
12X41A0465	R42043	SATELLITE COMMUNICATIONS	16	12	0
12X41A0465	R42045	OPERATING SYSTEMS	21	52	4
12X41A0465	R4204A	TV ENGINEERING	21	37	4
12X41A0465	R4204B	PROJECT	42	130	12
12X41A0466	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	42	4
12X41A0466	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	40	4
12X41A0466	R42045	OPERATING SYSTEMS	22	18	0
12X41A0466	R4204A	TV ENGINEERING	21	30	4
12X41A0466	R4204B	PROJECT	50	145	12
12X41A0467	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	43	4
12X41A0467	R42043	SATELLITE COMMUNICATIONS	15	35	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0467	R42045	OPERATING SYSTEMS	21	26	4
12X41A0467	R4204A	TV ENGINEERING	25	29	4
12X41A0467	R4204B	PROJECT	48	135	12
12X41A0468	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	42	4
12X41A0468	R42043	SATELLITE COMMUNICATIONS	20	44	4
12X41A0468	R42045	OPERATING SYSTEMS	24	56	4
12X41A0468	R4204A	TV ENGINEERING	25	49	4
12X41A0468	R4204B	PROJECT	50	150	12
12X41A0469	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	45	4
12X41A0469	R42043	SATELLITE COMMUNICATIONS	15	30	4
12X41A0469	R42045	OPERATING SYSTEMS	20	57	4
12X41A0469	R4204A	TV ENGINEERING	24	40	4
12X41A0469	R4204B	PROJECT	50	142	12
12X41A0470	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	28	4
12X41A0470	R42043	SATELLITE COMMUNICATIONS	14	18	0
12X41A0470	R42045	OPERATING SYSTEMS	18	34	4
12X41A0470	R4204A	TV ENGINEERING	21	32	4
12X41A0470	R4204B	PROJECT	41	120	12
12X41A0471	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	49	4
12X41A0471	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	19	43	4
12X41A0471	R42045	OPERATING SYSTEMS	18	46	4
12X41A0471	R4204A	TV ENGINEERING	20	38	4
12X41A0471	R4204B	PROJECT	50	148	12
12X41A0472	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	40	4
12X41A0472	R42043	SATELLITE COMMUNICATIONS	16	34	4
12X41A0472	R42045	OPERATING SYSTEMS	21	46	4
12X41A0472	R4204A	TV ENGINEERING	22	39	4
12X41A0472	R4204B	PROJECT	45	140	12
12X41A0473	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	40	4
12X41A0473	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	39	4
12X41A0473	R42045	OPERATING SYSTEMS	21	52	4
12X41A0473	R4204A	TV ENGINEERING	23	45	4
12X41A0473	R4204B	PROJECT	50	146	12
12X41A0474	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	48	4
12X41A0474	R42043	SATELLITE COMMUNICATIONS	19	13	0
12X41A0474	R42045	OPERATING SYSTEMS	23	27	4
12X41A0474	R4204A	TV ENGINEERING	23	39	4
12X41A0474	R4204B	PROJECT	44	140	12
12X41A0475	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	28	4
12X41A0475	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	33	4
12X41A0475	R42045	OPERATING SYSTEMS	20	40	4
12X41A0475	R4204A	TV ENGINEERING	16	32	4
12X41A0475	R4204B	PROJECT	46	138	12
12X41A0476	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	65	4
12X41A0476	R42043	SATELLITE COMMUNICATIONS	20	43	4
12X41A0476	R42045	OPERATING SYSTEMS	23	34	4
12X41A0476	R4204A	TV ENGINEERING	23	46	4
12X41A0476	R4204B	PROJECT	49	145	12
12X41A0477	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	35	4
12X41A0477	R42043	SATELLITE COMMUNICATIONS	18	33	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0477	R42045	OPERATING SYSTEMS	19	55	4
12X41A0477	R4204A	TV ENGINEERING	24	52	4
12X41A0477	R4204B	PROJECT	48	142	12
12X41A0478	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	55	4
12X41A0478	R42043	SATELLITE COMMUNICATIONS	17	34	4
12X41A0478	R42045	OPERATING SYSTEMS	24	57	4
12X41A0478	R4204A	TV ENGINEERING	25	36	4
12X41A0478	R4204B	PROJECT	50	148	12
12X41A0479	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	49	4
12X41A0479	R42043	SATELLITE COMMUNICATIONS	18	47	4
12X41A0479	R42045	OPERATING SYSTEMS	19	57	4
12X41A0479	R4204A	TV ENGINEERING	22	29	4
12X41A0479	R4204B	PROJECT	47	135	12
12X41A0480	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	51	4
12X41A0480	R42043	SATELLITE COMMUNICATIONS	20	39	4
12X41A0480	R42045	OPERATING SYSTEMS	23	57	4
12X41A0480	R4204A	TV ENGINEERING	25	50	4
12X41A0480	R4204B	PROJECT	47	130	12
12X41A0481	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	37	4
12X41A0481	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	40	4
12X41A0481	R42045	OPERATING SYSTEMS	20	50	4
12X41A0481	R4204A	TV ENGINEERING	23	41	4
12X41A0481	R4204B	PROJECT	50	145	12
12X41A0482	R42041	CELLULAR AND MOBILE COMMUNICATIONS	11	16	0
12X41A0482	R42043	SATELLITE COMMUNICATIONS	14	5	0
12X41A0482	R42045	OPERATING SYSTEMS	15	14	0
12X41A0482	R4204A	TV ENGINEERING	14	12	0
12X41A0482	R4204B	PROJECT	45	135	12
12X41A0483	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	33	4
12X41A0483	R42043	SATELLITE COMMUNICATIONS	18	36	4
12X41A0483	R42045	OPERATING SYSTEMS	21	53	4
12X41A0483	R4204A	TV ENGINEERING	23	33	4
12X41A0483	R4204B	PROJECT	50	140	12
12X41A0484	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	50	4
12X41A0484	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	20	34	4
12X41A0484	R42045	OPERATING SYSTEMS	20	60	4
12X41A0484	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	19	26	4
12X41A0484	R4204B	PROJECT	45	142	12
12X41A0485	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	43	4
12X41A0485	R42043	SATELLITE COMMUNICATIONS	14	3	0
12X41A0485	R42045	OPERATING SYSTEMS	18	51	4
12X41A0485	R4204A	TV ENGINEERING	24	37	4
12X41A0485	R4204B	PROJECT	49	140	12
12X41A0486	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	46	4
12X41A0486	R42043	SATELLITE COMMUNICATIONS	23	30	4
12X41A0486	R42045	OPERATING SYSTEMS	23	19	0
12X41A0486	R4204A	TV ENGINEERING	24	32	4
12X41A0486	R4204B	PROJECT		148	12
12X41A0487	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	38	4
12X41A0487	R42043	SATELLITE COMMUNICATIONS	18	31	4
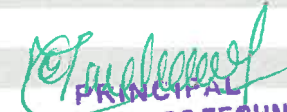
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12X41A0487	R42045	OPERATING SYSTEMS	15	33	4
12X41A0487	R4204A	TV ENGINEERING	20	30	4
12X41A0487	R4204B	PROJECT	47	143	12
12X41A0488	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	32	4
12X41A0488	R42043	SATELLITE COMMUNICATIONS	16	38	4
12X41A0488	R42045	OPERATING SYSTEMS	19	50	4
12X41A0488	R4204A	TV ENGINEERING	22	33	4
12X41A0488	R4204B	PROJECT	42	145	12
12X41A0489	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	39	4
12X41A0489	R42043	SATELLITE COMMUNICATIONS	17	11	0
12X41A0489	R42045	OPERATING SYSTEMS	20	46	4
12X41A0489	R4204A	TV ENGINEERING	21	42	4
12X41A0489	R4204B	PROJECT	46	130	12
12X41A0490	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	47	4
12X41A0490	R42043	SATELLITE COMMUNICATIONS	20	32	4
12X41A0490	R42045	OPERATING SYSTEMS	22	32	4
12X41A0490	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	22	39	4
12X41A0490	R4204B	PROJECT	48	142	12
12X41A0491	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	40	4
12X41A0491	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	23	41	4
12X41A0491	R42045	OPERATING SYSTEMS	19	47	4
12X41A0491	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	23	50	4
12X41A0491	R4204B	PROJECT	48	148	12
12X41A0492	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	37	4
12X41A0492	R42043	SATELLITE COMMUNICATIONS	19	31	4
12X41A0492	R42045	OPERATING SYSTEMS	19	31	4
12X41A0492	R4204A	TV ENGINEERING	20	32	4
12X41A0492	R4204B	PROJECT	48	140	12
12X41A0493	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	34	4
12X41A0493	R42043	SATELLITE COMMUNICATIONS	15	39	4
12X41A0493	R42045	OPERATING SYSTEMS	20	54	4
12X41A0493	R4204A	TV ENGINEERING	24	26	4
12X41A0493	R4204B	PROJECT	50	142	12
12X41A0494	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	48	4
12X41A0494	R42043	SATELLITE COMMUNICATIONS	20	40	4
12X41A0494	R42045	OPERATING SYSTEMS	22	30	4
12X41A0494	R4204A	TV ENGINEERING	24	33	4
12X41A0494	R4204B	PROJECT	50	142	12
12X41A0495	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	51	4
12X41A0495	R42043	SATELLITE COMMUNICATIONS	20	42	4
12X41A0495	R42045	OPERATING SYSTEMS	24	32	4
12X41A0495	R4204A	TV ENGINEERING	23	53	4
12X41A0495	R4204B	PROJECT	49	140	12
12X41A0496	R42041	CELLULAR AND MOBILE COMMUNICATIONS	14	5	0
12X41A0496	R42043	SATELLITE COMMUNICATIONS	16	17	0
12X41A0496	R42045	OPERATING SYSTEMS	17	26	4
12X41A0496	R4204A	TV ENGINEERING	16	26	4
12X41A0496	R4204B	PROJECT	48	110	12
12X41A0497	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	40	4
12X41A0497	R42043	SATELLITE COMMUNICATIONS	19	40	4
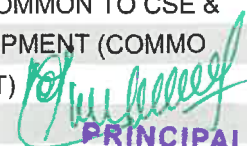
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12X41A0497	R42045	OPERATING SYSTEMS	22	57	4
12X41A0497	R4204A	TV ENGINEERING	25	37	4
12X41A0497	R4204B	PROJECT	50	145	12
12X41A0498	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	42	4
12X41A0498	R42043	SATELLITE COMMUNICATIONS	17	26	4
12X41A0498	R42045	OPERATING SYSTEMS	25	52	4
12X41A0498	R4204A	TV ENGINEERING	25	30	4
12X41A0498	R4204B	PROJECT	47	140	12
12X41A0499	R42041	CELLULAR AND MOBILE COMMUNICATIONS	15	44	4
12X41A0499	R42043	SATELLITE COMMUNICATIONS	15	16	0
12X41A0499	R42045	OPERATING SYSTEMS	22	33	4
12X41A0499	R4204A	TV ENGINEERING	16	8	0
12X41A0499	R4204B	PROJECT	47	135	12
12X41A04A0	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	67	4
12X41A04A0	R42043	SATELLITE COMMUNICATIONS	16	42	4
12X41A04A0	R42045	OPERATING SYSTEMS	24	60	4
12X41A04A0	R4204A	TV ENGINEERING	24	57	4
12X41A04A0	R4204B	PROJECT	50	150	12
12X41A04A1	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	33	4
12X41A04A1	R42043	SATELLITE COMMUNICATIONS	18	38	4
12X41A04A1	R42045	OPERATING SYSTEMS	22	49	4
12X41A04A1	R4204A	TV ENGINEERING	24	36	4
12X41A04A1	R4204B	PROJECT	50	146	12
12X41A04A2	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	48	4
12X41A04A2	R42043	SATELLITE COMMUNICATIONS	20	40	4
12X41A04A2	R42045	OPERATING SYSTEMS	21	50	4
12X41A04A2	R4204A	TV ENGINEERING	24	39	4
12X41A04A2	R4204B	PROJECT	44	145	12
12X41A04A3	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	45	4
12X41A04A3	R42043	SATELLITE COMMUNICATIONS	23	40	4
12X41A04A3	R42045	OPERATING SYSTEMS	22	40	4
12X41A04A3	R4204A	TV ENGINEERING	22	56	4
12X41A04A3	R4204B	PROJECT	50	145	12
12X41A04A4	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	45	4
12X41A04A4	R42043	SATELLITE COMMUNICATIONS	23	42	4
12X41A04A4	R42045	OPERATING SYSTEMS	24	31	4
12X41A04A4	R4204A	TV ENGINEERING	23	46	4
12X41A04A4	R4204B	PROJECT	50	147	12
12X41A04A5	R42041	CELLULAR AND MOBILE COMMUNICATIONS	15	39	4
12X41A04A5	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	18	36	4
12X41A04A5	R42045	OPERATING SYSTEMS	18	41	4
12X41A04A5	R4204A	TV ENGINEERING	23	26	4
12X41A04A5	R4204B	PROJECT	40	140	12
12X41A04A8	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	47	4
12X41A04A8	R42043	SATELLITE COMMUNICATIONS	16	35	4
12X41A04A8	R42045	OPERATING SYSTEMS	18	47	4
12X41A04A8	R4204A	TV ENGINEERING	17	28	4
12X41A04A8	R4204B	PROJECT	48	130	12
12X41A04A9	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	44	4
12X41A04A9	R42043	SATELLITE COMMUNICATIONS	18	44	4

Htno	Subcode	Subname	Internal	External	credits
12X41A04A9	R42045	OPERATING SYSTEMS	21	37	4
12X41A04A9	R4204A	TV ENGINEERING	20	54	4
12X41A04A9	R4204B	PROJECT	45	141	12
12X41A04B0	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	37	4
12X41A04B0	R42043	SATELLITE COMMUNICATIONS	15	7	0
12X41A04B0	R42045	OPERATING SYSTEMS	21	32	4
12X41A04B0	R4204A	TV ENGINEERING	19	50	4
12X41A04B0	R4204B	PROJECT	45	142	12
12X41A04B1	R42041	CELLULAR AND MOBILE COMMUNICATIONS	12	28	4
12X41A04B1	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	17	47	4
12X41A04B1	R42045	OPERATING SYSTEMS	22	49	4
12X41A04B1	R4204A	TV ENGINEERING	17	31	4
12X41A04B1	R4204B	PROJECT	46	140	12
12X41A04B2	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	47	4
12X41A04B2	R42043	SATELLITE COMMUNICATIONS	16	30	4
12X41A04B2	R42045	OPERATING SYSTEMS	22	34	4
12X41A04B2	R4204A	TV ENGINEERING	22	30	4
12X41A04B2	R4204B	PROJECT	47	130	12
12X41A04B3	R42041	CELLULAR AND MOBILE COMMUNICATIONS	0	30	0
12X41A04B3	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON T	16	35	4
12X41A04B3	R42045	OPERATING SYSTEMS	17	13	0
12X41A04B3	R4204A	TV ENGINEERING	20	45	4
12X41A04B3	R4204B	PROJECT	48	138	12
12X41A0502	R42051	DISTRIBUTED SYSTEMS	15	41	4
12X41A0502	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	29	4
12X41A0502	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	34	4
12X41A0502	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	35	4
12X41A0502	R4205H	PROJECT	40	123	12
12X41A0503	R42051	DISTRIBUTED SYSTEMS	14	34	4
12X41A0503	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	40	4
12X41A0503	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	36	4
12X41A0503	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	61	4
12X41A0503	R4205H	PROJECT	40	122	12
12X41A0505	R42051	DISTRIBUTED SYSTEMS	17	29	4
12X41A0505	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	5	35	4
12X41A0505	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	21	0
12X41A0505	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	44	4
12X41A0505	R4205H	PROJECT	42	126	12
12X41A0507	R42051	DISTRIBUTED SYSTEMS	21	49	4
12X41A0507	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	37	4
12X41A0507	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	30	4
12X41A0507	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	49	4
12X41A0507	R4205H	PROJECT	45	140	12
12X41A0509	R42051	DISTRIBUTED SYSTEMS	16	27	4
12X41A0509	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	31	4
12X41A0509	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	50	4
12X41A0509	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	41	4
12X41A0509	R4205H	PROJECT	44	126	12
12X41A0510	R42051	DISTRIBUTED SYSTEMS	17	46	4
12X41A0510	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	50	4
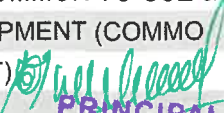
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12X41A0510	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	40	4
12X41A0510	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	54	4
12X41A0510	R4205H	PROJECT	42	135	12
12X41A0511	R42051	DISTRIBUTED SYSTEMS	16	17	0
12X41A0511	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	10	0
12X41A0511	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	14	0
12X41A0511	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	20	0
12X41A0511	R4205H	PROJECT	45	141	12
12X41A0512	R42051	DISTRIBUTED SYSTEMS	25	46	4
12X41A0512	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	35	4
12X41A0512	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	23	51	4
12X41A0512	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	43	4
12X41A0512	R4205H	PROJECT	46	143	12
12X41A0513	R42051	DISTRIBUTED SYSTEMS	20	43	4
12X41A0513	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	34	4
12X41A0513	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	51	4
12X41A0513	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	44	4
12X41A0513	R4205H	PROJECT	40	130	12
12X41A0514	R42051	DISTRIBUTED SYSTEMS	17	40	4
12X41A0514	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	36	4
12X41A0514	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	36	4
12X41A0514	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	43	4
12X41A0514	R4205H	PROJECT	44	135	12
12X41A0517	R42051	DISTRIBUTED SYSTEMS	16	30	4
12X41A0517	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	42	4
12X41A0517	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	54	4
12X41A0517	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	59	4
12X41A0517	R4205H	PROJECT	45	133	12
12X41A0519	R42051	DISTRIBUTED SYSTEMS	20	50	4
12X41A0519	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	39	4
12X41A0519	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	41	4
12X41A0519	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	40	4
12X41A0519	R4205H	PROJECT	40	124	12
12X41A0520	R42051	DISTRIBUTED SYSTEMS	19	36	4
12X41A0520	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	35	4
12X41A0520	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	53	4
12X41A0520	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	49	4
12X41A0520	R4205H	PROJECT	50	149	12
12X41A0521	R42051	DISTRIBUTED SYSTEMS	21	39	4
12X41A0521	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	54	4
12X41A0521	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	40	4
12X41A0521	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	46	4
12X41A0521	R4205H	PROJECT	43	133	12
12X41A0522	R42051	DISTRIBUTED SYSTEMS	17	28	4
12X41A0522	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	42	4
12X41A0522	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	30	4
12X41A0522	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	57	4
12X41A0522	R4205H	PROJECT	44	135	12
12X41A0523	R42051	DISTRIBUTED SYSTEMS	20	38	4
12X41A0523	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	7	27	0

Htno	Subcode	Subname	Internal	External	credits
12X41A0523	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	47	4
12X41A0523	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	33	4
12X41A0523	R4205H	PROJECT	48	145	12
12X41A0524	R42051	DISTRIBUTED SYSTEMS	16	26	4
12X41A0524	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	31	4
12X41A0524	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	56	4
12X41A0524	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	44	4
12X41A0524	R4205H	PROJECT	40	133	12
12X41A0525	R42051	DISTRIBUTED SYSTEMS	17	47	4
12X41A0525	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	54	4
12X41A0525	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	34	4
12X41A0525	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	46	4
12X41A0525	R4205H	PROJECT	43	134	12
12X41A0526	R42051	DISTRIBUTED SYSTEMS	21	47	4
12X41A0526	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	53	4
12X41A0526	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	31	4
12X41A0526	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	54	4
12X41A0526	R4205H	PROJECT	48	140	12
12X41A0527	R42051	DISTRIBUTED SYSTEMS	18	36	4
12X41A0527	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	14	0
12X41A0527	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	32	4
12X41A0527	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	29	4
12X41A0527	R4205H	PROJECT	40	120	12
12X41A0528	R42051	DISTRIBUTED SYSTEMS	22	31	4
12X41A0528	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	18	0
12X41A0528	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	9	0
12X41A0528	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	37	4
12X41A0528	R4205H	PROJECT	45	136	12
12X41A0529	R42051	DISTRIBUTED SYSTEMS	21	36	4
12X41A0529	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	44	4
12X41A0529	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	39	4
12X41A0529	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	66	4
12X41A0529	R4205H	PROJECT	40	130	12
12X41A0530	R42051	DISTRIBUTED SYSTEMS	25	37	4
12X41A0530	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	45	4
12X41A0530	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	24	47	4
12X41A0530	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	51	4
12X41A0530	R4205H	PROJECT	44	141	12
12X41A0531	R42051	DISTRIBUTED SYSTEMS	18	41	4
12X41A0531	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	4	0
12X41A0531	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	27	4
12X41A0531	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	37	4
12X41A0531	R4205H	PROJECT	45	135	12
12X41A0533	R42051	DISTRIBUTED SYSTEMS	22	29	4
12X41A0533	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	26	4
12X41A0533	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	50	4
12X41A0533	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	41	4
12X41A0533	R4205H	PROJECT	47	141	12
12X41A0534	R42051	DISTRIBUTED SYSTEMS	23	42	4
12X41A0534	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &		43	4
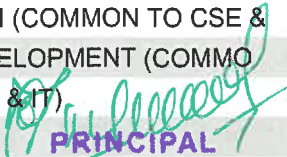
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12X41A0534	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	69	4
12X41A0534	R4205H	PROJECT	43	135	12
12X41A0535	R42051	DISTRIBUTED SYSTEMS	16	31	4
12X41A0535	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	28	4
12X41A0535	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	14	0
12X41A0535	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	43	4
12X41A0535	R4205H	PROJECT	44	141	12
12X41A0536	R42051	DISTRIBUTED SYSTEMS	22	44	4
12X41A0536	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	25	29	4
12X41A0536	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	48	4
12X41A0536	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	44	4
12X41A0536	R4205H	PROJECT	45	143	12
12X41A0537	R42051	DISTRIBUTED SYSTEMS	21	35	4
12X41A0537	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	30	4
12X41A0537	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	24	42	4
12X41A0537	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	41	4
12X41A0537	R4205H	PROJECT	45	137	12
12X41A0538	R42051	DISTRIBUTED SYSTEMS	17	42	4
12X41A0538	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	29	4
12X41A0538	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	36	4
12X41A0538	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	70	4
12X41A0538	R4205H	PROJECT	40	122	12
12X41A0539	R42051	DISTRIBUTED SYSTEMS	17	17	0
12X41A0539	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	34	4
12X41A0539	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	38	4
12X41A0539	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	50	4
12X41A0539	R4205H	PROJECT	48	145	12
12X41A0540	R42051	DISTRIBUTED SYSTEMS	19	43	4
12X41A0540	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	25	38	4
12X41A0540	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	14	0
12X41A0540	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	42	4
12X41A0540	R4205H	PROJECT	40	120	12
12X41A0543	R42051	DISTRIBUTED SYSTEMS	14	45	4
12X41A0543	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	41	4
12X41A0543	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	48	4
12X41A0543	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	40	4
12X41A0543	R4205H	PROJECT	45	136	12
12X41A0545	R42051	DISTRIBUTED SYSTEMS	22	52	4
12X41A0545	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	59	4
12X41A0545	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	40	4
12X41A0545	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	70	4
12X41A0545	R4205H	PROJECT	46	145	12
12X41A0546	R42051	DISTRIBUTED SYSTEMS	19	2	0
12X41A0546	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	26	4
12X41A0546	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	26	4
12X41A0546	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	50	4
12X41A0546	R4205H	PROJECT	43	130	12
12X41A0547	R42051	DISTRIBUTED SYSTEMS		19	0
12X41A0547	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	38	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0547	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	36	4
12X41A0547	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	32	4
12X41A0547	R4205H	PROJECT	40	132	12
12X41A0548	R42051	DISTRIBUTED SYSTEMS	23	44	4
12X41A0548	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	34	4
12X41A0548	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	25	56	4
12X41A0548	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	40	4
12X41A0548	R4205H	PROJECT	45	141	12
12X41A0549	R42051	DISTRIBUTED SYSTEMS	25	49	4
12X41A0549	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	64	4
12X41A0549	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	40	4
12X41A0549	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	73	4
12X41A0549	R4205H	PROJECT	48	130	12
12X41A0550	R42051	DISTRIBUTED SYSTEMS	24	35	4
12X41A0550	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	25	37	4
12X41A0550	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	50	4
12X41A0550	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	63	4
12X41A0550	R4205H	PROJECT	46	146	12
12X41A0551	R42051	DISTRIBUTED SYSTEMS	25	57	4
12X41A0551	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	46	4
12X41A0551	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	25	54	4
12X41A0551	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	63	4
12X41A0551	R4205H	PROJECT	47	140	12
12X41A0552	R42051	DISTRIBUTED SYSTEMS	19	40	4
12X41A0552	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	35	4
12X41A0552	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	58	4
12X41A0552	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	40	4
12X41A0552	R4205H	PROJECT	47	145	12
12X41A0553	R42051	DISTRIBUTED SYSTEMS	15	34	4
12X41A0553	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	32	4
12X41A0553	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	34	4
12X41A0553	R4205G	E- COMMERCE (COMMON TO CSE & IT)	14	36	4
12X41A0553	R4205H	PROJECT	42	141	12
12X41A0554	R42051	DISTRIBUTED SYSTEMS	22	38	4
12X41A0554	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	42	4
12X41A0554	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	44	4
12X41A0554	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	63	4
12X41A0554	R4205H	PROJECT	50	145	12
12X41A0555	R42051	DISTRIBUTED SYSTEMS	17	34	4
12X41A0555	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	2	0
12X41A0555	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	11	15	0
12X41A0555	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	35	4
12X41A0555	R4205H	PROJECT	43	130	12
12X41A0556	R42051	DISTRIBUTED SYSTEMS	20	29	4
12X41A0556	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	29	4
12X41A0556	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	36	4
12X41A0556	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	40	4
12X41A0556	R4205H	PROJECT	41	124	12
12X41A0557	R42051	DISTRIBUTED SYSTEMS	18	15	0
12X41A0557	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &		47	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0557	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	34	4
12X41A0557	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	53	4
12X41A0557	R4205H	PROJECT	40	136	12
12X41A0558	R42051	DISTRIBUTED SYSTEMS	17	28	4
12X41A0558	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	48	4
12X41A0558	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	42	4
12X41A0558	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	54	4
12X41A0558	R4205H	PROJECT	44	142	12
12X41A0559	R42051	DISTRIBUTED SYSTEMS	17	43	4
12X41A0559	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	26	4
12X41A0559	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	26	4
12X41A0559	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	34	4
12X41A0559	R4205H	PROJECT	44	137	12
12X41A0560	R42051	DISTRIBUTED SYSTEMS	15	37	4
12X41A0560	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	25	33	4
12X41A0560	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	50	4
12X41A0560	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	49	4
12X41A0560	R4205H	PROJECT	48	143	12
12X41A0561	R42051	DISTRIBUTED SYSTEMS	20	47	4
12X41A0561	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	51	4
12X41A0561	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	44	4
12X41A0561	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	66	4
12X41A0561	R4205H	PROJECT	47	143	12
12X41A0562	R42051	DISTRIBUTED SYSTEMS	23	30	4
12X41A0562	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	45	4
12X41A0562	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	34	4
12X41A0562	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	51	4
12X41A0562	R4205H	PROJECT	49	143	12
12X41A0563	R42051	DISTRIBUTED SYSTEMS	16	46	4
12X41A0563	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	12	0
12X41A0563	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	9	0
12X41A0563	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	31	4
12X41A0563	R4205H	PROJECT	41	126	12
12X41A0565	R42051	DISTRIBUTED SYSTEMS	20	34	4
12X41A0565	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	29	4
12X41A0565	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	10	37	4
12X41A0565	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	47	4
12X41A0565	R4205H	PROJECT	44	124	12
12X41A0569	R42051	DISTRIBUTED SYSTEMS	16	39	4
12X41A0569	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	39	4
12X41A0569	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	39	4
12X41A0569	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	68	4
12X41A0569	R4205H	PROJECT	45	138	12
12X41A0570	R42051	DISTRIBUTED SYSTEMS	14	17	0
12X41A0570	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	42	4
12X41A0570	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	18	0
12X41A0570	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	43	4
12X41A0570	R4205H	PROJECT	47	143	12
12X41A0571	R42051	DISTRIBUTED SYSTEMS	16	42	4
12X41A0571	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	26	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0571	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	12	29	4
12X41A0571	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	42	4
12X41A0571	R4205H	PROJECT	41	122	12
12X41A0573	R42051	DISTRIBUTED SYSTEMS	20	33	4
12X41A0573	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	34	4
12X41A0573	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	45	4
12X41A0573	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	48	4
12X41A0573	R4205H	PROJECT	48	145	12
12X41A0574	R42051	DISTRIBUTED SYSTEMS	18	43	4
12X41A0574	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	56	4
12X41A0574	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	22	43	4
12X41A0574	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	73	4
12X41A0574	R4205H	PROJECT	49	148	12
12X41A0575	R42051	DISTRIBUTED SYSTEMS	21	31	4
12X41A0575	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	45	4
12X41A0575	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	24	38	4
12X41A0575	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	53	4
12X41A0575	R4205H	PROJECT	47	135	12
12X41A0576	R42051	DISTRIBUTED SYSTEMS	18	46	4
12X41A0576	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	34	4
12X41A0576	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	26	4
12X41A0576	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	50	4
12X41A0576	R4205H	PROJECT	41	138	12
12X41A0577	R42051	DISTRIBUTED SYSTEMS	22	51	4
12X41A0577	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	38	4
12X41A0577	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	58	4
12X41A0577	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	58	4
12X41A0577	R4205H	PROJECT	44	130	12
12X41A0579	R42051	DISTRIBUTED SYSTEMS	19	47	4
12X41A0579	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	44	4
12X41A0579	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	46	4
12X41A0579	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	75	4
12X41A0579	R4205H	PROJECT	41	120	12
12X41A0581	R42051	DISTRIBUTED SYSTEMS	22	31	4
12X41A0581	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	26	4
12X41A0581	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	20	0
12X41A0581	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	43	4
12X41A0581	R4205H	PROJECT	42	138	12
12X41A0582	R42051	DISTRIBUTED SYSTEMS	15	36	4
12X41A0582	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	15	8	0
12X41A0582	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	10	0
12X41A0582	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	30	4
12X41A0582	R4205H	PROJECT	40	130	12
12X41A0583	R42051	DISTRIBUTED SYSTEMS	20	27	4
12X41A0583	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	26	4
12X41A0583	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	47	4
12X41A0583	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	36	4
12X41A0583	R4205H	PROJECT	47	140	12
12X41A0584	R42051	DISTRIBUTED SYSTEMS	22	53	4
12X41A0584	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	61	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0584	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	48	4
12X41A0584	R4205G	E- COMMERCE (COMMON TO CSE & IT)	25	75	4
12X41A0584	R4205H	PROJECT	41	138	12
12X41A0585	R42051	DISTRIBUTED SYSTEMS	23	39	4
12X41A0585	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	34	4
12X41A0585	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	49	4
12X41A0585	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	58	4
12X41A0585	R4205H	PROJECT	45	135	12
12X41A0586	R42051	DISTRIBUTED SYSTEMS	19	42	4
12X41A0586	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	8	0
12X41A0586	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	32	4
12X41A0586	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	36	4
12X41A0586	R4205H	PROJECT	39	138	12
12X41A0587	R42051	DISTRIBUTED SYSTEMS	24	37	4
12X41A0587	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	26	4
12X41A0587	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	44	4
12X41A0587	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	44	4
12X41A0587	R4205H	PROJECT	44	138	12
12X41A0588	R42051	DISTRIBUTED SYSTEMS	19	42	4
12X41A0588	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	41	4
12X41A0588	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	38	4
12X41A0588	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	70	4
12X41A0588	R4205H	PROJECT	44	121	12
12X41A0589	R42051	DISTRIBUTED SYSTEMS	24	39	4
12X41A0589	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	56	4
12X41A0589	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	30	4
12X41A0589	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	49	4
12X41A0589	R4205H	PROJECT	42	120	12
12X41A0591	R42051	DISTRIBUTED SYSTEMS	24	52	4
12X41A0591	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	34	4
12X41A0591	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	51	4
12X41A0591	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	53	4
12X41A0591	R4205H	PROJECT	49	144	12
12X41A0592	R42051	DISTRIBUTED SYSTEMS	23	34	4
12X41A0592	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	16	28	4
12X41A0592	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	36	4
12X41A0592	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	47	4
12X41A0592	R4205H	PROJECT	41	130	12
12X41A0593	R42051	DISTRIBUTED SYSTEMS	25	52	4
12X41A0593	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	63	4
12X41A0593	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	23	44	4
12X41A0593	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	75	4
12X41A0593	R4205H	PROJECT	48	143	12
12X41A0594	R42051	DISTRIBUTED SYSTEMS	20	27	4
12X41A0594	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	37	4
12X41A0594	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	26	4
12X41A0594	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	52	4
12X41A0594	R4205H	PROJECT	46	137	12
12X41A0595	R42051	DISTRIBUTED SYSTEMS	21	46	4
12X41A0595	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	26	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0595	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	14	0
12X41A0595	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	43	4
12X41A0595	R4205H	PROJECT	46	130	12
12X41A0596	R42051	DISTRIBUTED SYSTEMS	18	31	4
12X41A0596	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	26	4
12X41A0596	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	34	4
12X41A0596	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	39	4
12X41A0596	R4205H	PROJECT	45	140	12
12X41A0598	R42051	DISTRIBUTED SYSTEMS	23	52	4
12X41A0598	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	60	4
12X41A0598	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	40	4
12X41A0598	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	72	4
12X41A0598	R4205H	PROJECT	43	138	12
12X41A0599	R42051	DISTRIBUTED SYSTEMS	21	34	4
12X41A0599	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	48	4
12X41A0599	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	52	4
12X41A0599	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	66	4
12X41A0599	R4205H	PROJECT	49	148	12
12X41A05A0	R42051	DISTRIBUTED SYSTEMS	15	51	4
12X41A05A0	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	26	4
12X41A05A0	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	13	36	4
12X41A05A0	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	45	4
12X41A05A0	R4205H	PROJECT	46	138	12
12X41A05A2	R42051	DISTRIBUTED SYSTEMS	20	31	4
12X41A05A2	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	28	4
12X41A05A2	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	51	4
12X41A05A2	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	43	4
12X41A05A2	R4205H	PROJECT	43	140	12
12X41A05A3	R42051	DISTRIBUTED SYSTEMS	20	47	4
12X41A05A3	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	55	4
12X41A05A3	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	38	4
12X41A05A3	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	73	4
12X41A05A3	R4205H	PROJECT	39	140	12
12X41A05A4	R42051	DISTRIBUTED SYSTEMS	22	27	4
12X41A05A4	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	12	0
12X41A05A4	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	22	39	4
12X41A05A4	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	52	4
12X41A05A4	R4205H	PROJECT	45	138	12
12X41A05A5	R42051	DISTRIBUTED SYSTEMS	23	44	4
12X41A05A5	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	31	4
12X41A05A5	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	24	30	4
12X41A05A5	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	41	4
12X41A05A5	R4205H	PROJECT	49	150	12
12X41A05A6	R42051	DISTRIBUTED SYSTEMS	16	35	4
12X41A05A6	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	28	4
12X41A05A6	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	37	4
12X41A05A6	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	37	4
12X41A05A6	R4205H	PROJECT	39	135	12
12X41A05A7	R42051	DISTRIBUTED SYSTEMS	22	43	4
12X41A05A7	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	51	4
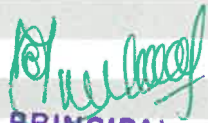
Htno	Subcode	Subname	Internal	External	credits
12X41A05A7	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	36	4
12X41A05A7	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	68	4
12X41A05A7	R4205H	PROJECT	48	143	12
12X41A05A8	R42051	DISTRIBUTED SYSTEMS	24	29	4
12X41A05A8	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	12	0
12X41A05A8	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	44	4
12X41A05A8	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	55	4
12X41A05A8	R4205H	PROJECT	45	138	12
12X41A05B0	R42051	DISTRIBUTED SYSTEMS	22	47	4
12X41A05B0	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	26	4
12X41A05B0	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	6	0
12X41A05B0	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	39	4
12X41A05B0	R4205H	PROJECT	45	144	12
12X41A05B1	R42051	DISTRIBUTED SYSTEMS	17	26	4
12X41A05B1	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	29	4
12X41A05B1	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	43	4
12X41A05B1	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	40	4
12X41A05B1	R4205H	PROJECT	47	148	12
12X41A05B3	R42051	DISTRIBUTED SYSTEMS	17	45	4
12X41A05B3	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	22	66	4
12X41A05B3	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	41	4
12X41A05B3	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	75	4
12X41A05B3	R4205H	PROJECT	42	138	12
12X41A05B6	R42051	DISTRIBUTED SYSTEMS	7	0	0
12X41A05B6	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	15	0	0
12X41A05B6	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	9	4	0
12X41A05B6	R4205G	E- COMMERCE (COMMON TO CSE & IT)	12	15	0
12X41A05B6	R4205H	PROJECT	37	110	12
12X41A05B7	R42051	DISTRIBUTED SYSTEMS	17	37	4
12X41A05B7	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	26	4
12X41A05B7	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	30	4
12X41A05B7	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	35	4
12X41A05B7	R4205H	PROJECT	45	135	12
12X41A05B8	R42051	DISTRIBUTED SYSTEMS	22	41	4
12X41A05B8	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	29	4
12X41A05B8	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	12	51	4
12X41A05B8	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	44	4
12X41A05B8	R4205H	PROJECT	45	135	12
12X41A1201	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	43	4
12X41A1201	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	44	4
12X41A1201	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	32	4
12X41A1201	R42121	SOFTWARE PROJECT MANAGEMENT	18	40	4
12X41A1201	R42125	PROJECT	40	138	12
12X41A1202	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	37	4
12X41A1202	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	32	4
12X41A1202	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	34	4
12X41A1202	R42121	SOFTWARE PROJECT MANAGEMENT	15	36	4
12X41A1202	R42125	PROJECT	46	132	12
12X41A1203	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	48	4
12X41A1203	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	39	4

Htno	Subcode	Subname	Internal	External	credits
12X41A1203	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	38	4
12X41A1203	R42121	SOFTWARE PROJECT MANAGEMENT	13	27	4
12X41A1203	R42125	PROJECT	46	140	12
12X41A1204	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	43	4
12X41A1204	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	45	4
12X41A1204	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	30	4
12X41A1204	R42121	SOFTWARE PROJECT MANAGEMENT	21	38	4
12X41A1204	R42125	PROJECT	45	140	12
12X41A1206	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	54	4
12X41A1206	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	39	4
12X41A1206	R4205G	E- COMMERCE (COMMON TO CSE & IT)	24	26	4
12X41A1206	R42121	SOFTWARE PROJECT MANAGEMENT	17	37	4
12X41A1206	R42125	PROJECT	46	139	12
12X41A1207	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	29	4
12X41A1207	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	26	4
12X41A1207	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	12	0
12X41A1207	R42121	SOFTWARE PROJECT MANAGEMENT	19	33	4
12X41A1207	R42125	PROJECT	48	144	12
12X41A1208	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	53	4
12X41A1208	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	44	4
12X41A1208	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	53	4
12X41A1208	R42121	SOFTWARE PROJECT MANAGEMENT	18	38	4
12X41A1208	R42125	PROJECT	47	146	12
12X41A1209	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	45	4
12X41A1209	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	48	4
12X41A1209	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	35	4
12X41A1209	R42121	SOFTWARE PROJECT MANAGEMENT	21	36	4
12X41A1209	R42125	PROJECT	43	124	12
12X41A1210	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	5	0
12X41A1210	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	9	-1	0
12X41A1210	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	-1	0
12X41A1210	R42121	SOFTWARE PROJECT MANAGEMENT	14	-1	0
12X41A1210	R42125	PROJECT	34	90	12
12X41A1211	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	32	4
12X41A1211	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	41	4
12X41A1211	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	40	4
12X41A1211	R42121	SOFTWARE PROJECT MANAGEMENT	18	33	4
12X41A1211	R42125	PROJECT	44	138	12
12X41A1212	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	51	4
12X41A1212	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	39	4
12X41A1212	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	33	4
12X41A1212	R42121	SOFTWARE PROJECT MANAGEMENT	17	37	4
12X41A1212	R42125	PROJECT	43	143	12
12X41A1213	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	7	12	0
12X41A1213	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	2	4	0
12X41A1213	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	11	0
12X41A1213	R42121	SOFTWARE PROJECT MANAGEMENT	6	2	0
12X41A1213	R42125	PROJECT	36	115	12
12X41A1214	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	46	4
12X41A1214	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	41	4

Htno	Subcode	Subname	Internal	External	credits
12X41A1214	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	26	4
12X41A1214	R42121	SOFTWARE PROJECT MANAGEMENT	19	36	4
12X41A1214	R42125	PROJECT	44	120	12
12X41A1215	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	36	4
12X41A1215	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	40	4
12X41A1215	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	33	4
12X41A1215	R42121	SOFTWARE PROJECT MANAGEMENT	20	36	4
12X41A1215	R42125	PROJECT	45	122	12
12X41A1216	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	58	4
12X41A1216	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	22	41	4
12X41A1216	R4205G	E- COMMERCE (COMMON TO CSE & IT)	23	53	4
12X41A1216	R42121	SOFTWARE PROJECT MANAGEMENT	19	26	4
12X41A1216	R42125	PROJECT	46	120	12
12X41A1217	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	38	4
12X41A1217	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	46	4
12X41A1217	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	29	4
12X41A1217	R42121	SOFTWARE PROJECT MANAGEMENT	16	26	4
12X41A1217	R42125	PROJECT	48	136	12
12X41A1218	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	15	6	0
12X41A1218	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	12	0
12X41A1218	R4205G	E- COMMERCE (COMMON TO CSE & IT)	15	10	0
12X41A1218	R42121	SOFTWARE PROJECT MANAGEMENT	15	8	0
12X41A1218	R42125	PROJECT	41	115	12
12X41A1219	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	33	4
12X41A1219	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	22	46	4
12X41A1219	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	36	4
12X41A1219	R42121	SOFTWARE PROJECT MANAGEMENT	21	39	4
12X41A1219	R42125	PROJECT	49	142	12
12X41A1220	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	69	4
12X41A1220	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	24	47	4
12X41A1220	R4205G	E- COMMERCE (COMMON TO CSE & IT)	22	75	4
12X41A1220	R42121	SOFTWARE PROJECT MANAGEMENT	20	51	4
12X41A1220	R42125	PROJECT	47	145	12
12X41A1221	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	40	4
12X41A1221	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	40	4
12X41A1221	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	33	4
12X41A1221	R42121	SOFTWARE PROJECT MANAGEMENT	16	37	4
12X41A1221	R42125	PROJECT	44	142	12
12X41A1222	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	38	4
12X41A1222	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	38	4
12X41A1222	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	39	4
12X41A1222	R42121	SOFTWARE PROJECT MANAGEMENT	20	36	4
12X41A1222	R42125	PROJECT	46	138	12
12X41A1223	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	-1	0
12X41A1223	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	-1	0
12X41A1223	R4205G	E- COMMERCE (COMMON TO CSE & IT)	9	-1	0
12X41A1223	R42121	SOFTWARE PROJECT MANAGEMENT	0	-1	0
12X41A1223	R42125	PROJECT	37	-1	0
12X41A1224	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	7	1	0
12X41A1224	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	5	0

Htno	Subcode	Subname	Internal	External	credits
12X41A1224	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	6	0
12X41A1224	R42121	SOFTWARE PROJECT MANAGEMENT	16	26	4
12X41A1224	R42125	PROJECT	33	124	12
12X41A1225	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	17	41	4
12X41A1225	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	59	4
12X41A1225	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	30	4
12X41A1225	R42121	SOFTWARE PROJECT MANAGEMENT	20	38	4
12X41A1225	R42125	PROJECT	49	149	12
12X41A1226	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	33	4
12X41A1226	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	44	4
12X41A1226	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	41	4
12X41A1226	R42121	SOFTWARE PROJECT MANAGEMENT	17	49	4
12X41A1226	R42125	PROJECT	44	134	12
12X41A1227	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	12	7	0
12X41A1227	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	8	0
12X41A1227	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	15	0
12X41A1227	R42121	SOFTWARE PROJECT MANAGEMENT	16	27	4
12X41A1227	R42125	PROJECT	37	115	12
12X41A1228	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	0	-1	0
12X41A1228	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	0	-1	0
12X41A1228	R4205G	E- COMMERCE (COMMON TO CSE & IT)	11	0	0
12X41A1228	R42121	SOFTWARE PROJECT MANAGEMENT	0	-1	0
12X41A1228	R42125	PROJECT	33	-1	0
12X41A1229	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	23	48	4
12X41A1229	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	56	4
12X41A1229	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	39	4
12X41A1229	R42121	SOFTWARE PROJECT MANAGEMENT	19	45	4
12X41A1229	R42125	PROJECT	50	146	12
12X41A1230	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	14	37	4
12X41A1230	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	29	4
12X41A1230	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	20	0
12X41A1230	R42121	SOFTWARE PROJECT MANAGEMENT	14	26	4
12X41A1230	R42125	PROJECT	43	135	12
12X41A1231	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	39	4
12X41A1231	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	20	53	4
12X41A1231	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	39	4
12X41A1231	R42121	SOFTWARE PROJECT MANAGEMENT	21	38	4
12X41A1231	R42125	PROJECT	46	142	12
12X41A1232	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	51	4
12X41A1232	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	21	39	4
12X41A1232	R4205G	E- COMMERCE (COMMON TO CSE & IT)	18	38	4
12X41A1232	R42121	SOFTWARE PROJECT MANAGEMENT	24	42	4
12X41A1232	R42125	PROJECT	46	135	12
12X41A1233	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	44	4
12X41A1233	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	41	4
12X41A1233	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	30	4
12X41A1233	R42121	SOFTWARE PROJECT MANAGEMENT	17	30	4
12X41A1233	R42125	PROJECT	45	140	12
12X41A1234	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	15	49	4
12X41A1234	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	44	4

Htno	Subcode	Subname	Internal	External	credits
12X41A1234	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	40	4
12X41A1234	R42121	SOFTWARE PROJECT MANAGEMENT	15	34	4
12X41A1234	R42125	PROJECT	44	130	12
12X41A1235	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	16	29	4
12X41A1235	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	34	4
12X41A1235	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	30	4
12X41A1235	R42121	SOFTWARE PROJECT MANAGEMENT	16	35	4
12X41A1235	R42125	PROJECT	46	143	12
132E5A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	33	4
132E5A0408	R42043	SATELLITE COMMUNICATIONS	14	39	4
132E5A0408	R42045	OPERATING SYSTEMS	19	33	4
132E5A0408	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	38	4
132E5A0408	R4204B	PROJECT	47	130	12
13355A0107	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	17	0
13355A0107	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	28	4
13355A0107	R42015	WATER SHED MANAGEMENT	7	34	4
13355A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	13	0	0
13355A0107	R4201B	PROJECT WORK	43	135	12
13X45A0101	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	55	4
13X45A0101	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	29	4
13X45A0101	R42015	WATER SHED MANAGEMENT	18	37	4
13X45A0101	R42019	ADVANCED STRUCTURAL ANALYSIS	18	13	0
13X45A0101	R4201B	PROJECT WORK	49	144	12
13X45A0102	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	48	4
13X45A0102	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	46	4
13X45A0102	R42015	WATER SHED MANAGEMENT	15	56	4
13X45A0102	R42019	ADVANCED STRUCTURAL ANALYSIS	3	39	4
13X45A0102	R4201B	PROJECT WORK	50	138	12
13X45A0103	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	60	4
13X45A0103	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	28	4
13X45A0103	R42015	WATER SHED MANAGEMENT	19	51	4
13X45A0103	R42019	ADVANCED STRUCTURAL ANALYSIS	18	4	0
13X45A0103	R4201B	PROJECT WORK	49	138	12
13X45A0104	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	39	4
13X45A0104	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	46	4
13X45A0104	R42015	WATER SHED MANAGEMENT	15	51	4
13X45A0104	R42019	ADVANCED STRUCTURAL ANALYSIS	19	42	4
13X45A0104	R4201B	PROJECT WORK	50	140	12
13X45A0105	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	43	4
13X45A0105	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	31	4
13X45A0105	R42015	WATER SHED MANAGEMENT	15	40	4
13X45A0105	R42019	ADVANCED STRUCTURAL ANALYSIS	16	31	4
13X45A0105	R4201B	PROJECT WORK	45	130	12
13X45A0106	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	61	4
13X45A0106	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	16	34	4
13X45A0106	R42015	WATER SHED MANAGEMENT	6	45	4
13X45A0106	R42019	ADVANCED STRUCTURAL ANALYSIS	18	26	4
13X45A0106	R4201B	PROJECT WORK	50	134	12
13X45A0107	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	17	45	4
13X45A0107	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	15	41	4

Htno	Subcode	Subname	Internal	External	credits
13X45A0107	R42015	WATER SHED MANAGEMENT	13	45	4
13X45A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	14	10	0
13X45A0107	R4201B	PROJECT WORK	50	135	12
13X45A0108	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	35	4
13X45A0108	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	51	4
13X45A0108	R42015	WATER SHED MANAGEMENT	13	44	4
13X45A0108	R42019	ADVANCED STRUCTURAL ANALYSIS	10	14	0
13X45A0108	R4201B	PROJECT WORK	49	139	12
13X45A0109	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	58	4
13X45A0109	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	42	4
13X45A0109	R42015	WATER SHED MANAGEMENT	16	26	4
13X45A0109	R42019	ADVANCED STRUCTURAL ANALYSIS	16	36	4
13X45A0109	R4201B	PROJECT WORK	45	138	12
13X45A0110	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	50	4
13X45A0110	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	48	4
13X45A0110	R42015	WATER SHED MANAGEMENT	18	68	4
13X45A0110	R42019	ADVANCED STRUCTURAL ANALYSIS	24	75	4
13X45A0110	R4201B	PROJECT WORK	49	138	12
13X45A0111	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	56	4
13X45A0111	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	34	4
13X45A0111	R42015	WATER SHED MANAGEMENT	17	64	4
13X45A0111	R42019	ADVANCED STRUCTURAL ANALYSIS	18	12	0
13X45A0111	R4201B	PROJECT WORK	45	135	12
13X45A0112	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	37	4
13X45A0112	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	44	4
13X45A0112	R42015	WATER SHED MANAGEMENT	15	51	4
13X45A0112	R42019	ADVANCED STRUCTURAL ANALYSIS	18	30	4
13X45A0112	R4201B	PROJECT WORK	45	136	12
13X45A0113	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	18	56	4
13X45A0113	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	8	32	4
13X45A0113	R42015	WATER SHED MANAGEMENT	11	35	4
13X45A0113	R42019	ADVANCED STRUCTURAL ANALYSIS	15	4	0
13X45A0113	R4201B	PROJECT WORK	47	141	12
13X45A0114	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	41	4
13X45A0114	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	49	4
13X45A0114	R42015	WATER SHED MANAGEMENT	14	61	4
13X45A0114	R42019	ADVANCED STRUCTURAL ANALYSIS	13	39	4
13X45A0114	R4201B	PROJECT WORK	50	135	12
13X45A0115	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	48	4
13X45A0115	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	10	30	4
13X45A0115	R42015	WATER SHED MANAGEMENT	13	41	4
13X45A0115	R42019	ADVANCED STRUCTURAL ANALYSIS	16	26	4
13X45A0115	R4201B	PROJECT WORK	50	140	12
13X45A0116	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	40	4
13X45A0116	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	39	4
13X45A0116	R42015	WATER SHED MANAGEMENT	10	46	4
13X45A0116	R42019	ADVANCED STRUCTURAL ANALYSIS	16	8	0
13X45A0116	R4201B	PROJECT WORK	49	128	12
13X45A0117	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	52	4
13X45A0117	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT		29	4

Htno	Subcode	Subname	Internal	External	credits
13X45A0117	R42015	WATER SHED MANAGEMENT	13	44	4
13X45A0117	R42019	ADVANCED STRUCTURAL ANALYSIS	15	26	4
13X45A0117	R4201B	PROJECT WORK	47	139	12
13X45A0118	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	26	4
13X45A0118	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	20	39	4
13X45A0118	R42015	WATER SHED MANAGEMENT	18	42	4
13X45A0118	R42019	ADVANCED STRUCTURAL ANALYSIS	18	55	4
13X45A0118	R4201B	PROJECT WORK	50	145	12
13X45A0119	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	69	4
13X45A0119	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	12	28	4
13X45A0119	R42015	WATER SHED MANAGEMENT	14	6	0
13X45A0119	R42019	ADVANCED STRUCTURAL ANALYSIS	12	7	0
13X45A0119	R4201B	PROJECT WORK	50	138	12
13X45A0120	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	40	4
13X45A0120	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	9	43	4
13X45A0120	R42015	WATER SHED MANAGEMENT	13	55	4
13X45A0120	R42019	ADVANCED STRUCTURAL ANALYSIS	16	15	0
13X45A0120	R4201B	PROJECT WORK	45	141	12
13X45A0121	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	54	4
13X45A0121	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	33	4
13X45A0121	R42015	WATER SHED MANAGEMENT	17	40	4
13X45A0121	R42019	ADVANCED STRUCTURAL ANALYSIS	17	16	0
13X45A0121	R4201B	PROJECT WORK	47	138	12
13X45A0122	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	22	26	4
13X45A0122	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	48	4
13X45A0122	R42015	WATER SHED MANAGEMENT	17	48	4
13X45A0122	R42019	ADVANCED STRUCTURAL ANALYSIS	20	5	0
13X45A0122	R4201B	PROJECT WORK	49	127	12
13X45A0123	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	25	52	4
13X45A0123	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	54	4
13X45A0123	R42015	WATER SHED MANAGEMENT	19	60	4
13X45A0123	R42019	ADVANCED STRUCTURAL ANALYSIS	16	28	4
13X45A0123	R4201B	PROJECT WORK	50	140	12
13X45A0124	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	42	4
13X45A0124	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	47	4
13X45A0124	R42015	WATER SHED MANAGEMENT	13	59	4
13X45A0124	R42019	ADVANCED STRUCTURAL ANALYSIS	19	40	4
13X45A0124	R4201B	PROJECT WORK	46	134	12
13X45A0201	R42021	DIGITAL CONTROL SYSTEMS	21	54	4
13X45A0201	R42024	SPECIAL ELECTRICAL MACHINES	23	54	4
13X45A0201	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	54	4
13X45A0201	R42028	OOPS THROUGH JAVA	18	57	4
13X45A0201	R4202B	PROJECT	50	149	12
13X45A0202	R42021	DIGITAL CONTROL SYSTEMS	12	29	4
13X45A0202	R42024	SPECIAL ELECTRICAL MACHINES	18	32	4
13X45A0202	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	10	0
13X45A0202	R42028	OOPS THROUGH JAVA	14	13	0
13X45A0202	R4202B	PROJECT	41	120	12
13X45A0203	R42021	DIGITAL CONTROL SYSTEMS	18	5	0
13X45A0203	R42022	ADVANCED CONTROL SYSTEMS	18	44	4
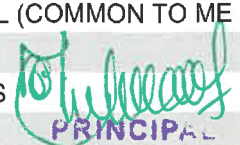
Htno	Subcode	Subname	Internal	External	credits
13X45A0203	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	35	4
13X45A0203	R42028	OOPS THROUGH JAVA	14	16	0
13X45A0203	R4202B	PROJECT	42	100	12
13X45A0204	R42021	DIGITAL CONTROL SYSTEMS	10	50	4
13X45A0204	R42022	ADVANCED CONTROL SYSTEMS	15	44	4
13X45A0204	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	42	4
13X45A0204	R42028	OOPS THROUGH JAVA	14	47	4
13X45A0204	R4202B	PROJECT	40	130	12
13X45A0205	R42021	DIGITAL CONTROL SYSTEMS	21	38	4
13X45A0205	R42024	SPECIAL ELECTRICAL MACHINES	24	47	4
13X45A0205	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	41	4
13X45A0205	R42028	OOPS THROUGH JAVA	20	51	4
13X45A0205	R4202B	PROJECT	50	145	12
13X45A0206	R42021	DIGITAL CONTROL SYSTEMS	17	28	4
13X45A0206	R42024	SPECIAL ELECTRICAL MACHINES	19	12	0
13X45A0206	R42025	NON CONVENTIONAL SOURCES OF ENERGY	16	8	0
13X45A0206	R42028	OOPS THROUGH JAVA	8	2	0
13X45A0206	R4202B	PROJECT	40	125	12
13X45A0207	R42021	DIGITAL CONTROL SYSTEMS	17	12	0
13X45A0207	R42024	SPECIAL ELECTRICAL MACHINES	24	50	4
13X45A0207	R42025	NON CONVENTIONAL SOURCES OF ENERGY	24	30	4
13X45A0207	R42028	OOPS THROUGH JAVA	23	44	4
13X45A0207	R4202B	PROJECT	49	145	12
13X45A0209	R42021	DIGITAL CONTROL SYSTEMS	14	50	4
13X45A0209	R42024	SPECIAL ELECTRICAL MACHINES	20	44	4
13X45A0209	R42025	NON CONVENTIONAL SOURCES OF ENERGY	23	34	4
13X45A0209	R42028	OOPS THROUGH JAVA	15	40	4
13X45A0209	R4202B	PROJECT	48	135	12
13X45A0210	R42021	DIGITAL CONTROL SYSTEMS	16	55	4
13X45A0210	R42024	SPECIAL ELECTRICAL MACHINES	24	57	4
13X45A0210	R42025	NON CONVENTIONAL SOURCES OF ENERGY	25	53	4
13X45A0210	R42028	OOPS THROUGH JAVA	19	43	4
13X45A0210	R4202B	PROJECT	45	125	12
13X45A0211	R42021	DIGITAL CONTROL SYSTEMS	15	49	4
13X45A0211	R42024	SPECIAL ELECTRICAL MACHINES	18	29	4
13X45A0211	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	36	4
13X45A0211	R42028	OOPS THROUGH JAVA	14	18	0
13X45A0211	R4202B	PROJECT	45	140	12
13X45A0212	R42021	DIGITAL CONTROL SYSTEMS	11	6	0
13X45A0212	R42024	SPECIAL ELECTRICAL MACHINES	23	40	4
13X45A0212	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	36	4
13X45A0212	R42028	OOPS THROUGH JAVA	17	50	4
13X45A0212	R4202B	PROJECT	50	145	12
13X45A0213	R42021	DIGITAL CONTROL SYSTEMS	18	49	4
13X45A0213	R42024	SPECIAL ELECTRICAL MACHINES	23	42	4
13X45A0213	R42025	NON CONVENTIONAL SOURCES OF ENERGY	20	43	4
13X45A0213	R42028	OOPS THROUGH JAVA	17	42	4
13X45A0213	R4202B	PROJECT	48	130	12
13X45A0301	R42031	INTERACTIVE COMPUTER GRAPHICS	19	55	4
13X45A0301	R42034	AUTOMATION IN MANUFACTURING	23	61	4

Htno	Subcode	Subname	Internal	External	credits
13X45A0301	R42039	POWER PLANT ENGINEERING	23	38	4
13X45A0301	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	3	44	4
13X45A0301	R4203E	PROJECT WORK	50	148	12
13X45A0302	R42031	INTERACTIVE COMPUTER GRAPHICS	21	36	4
13X45A0302	R42034	AUTOMATION IN MANUFACTURING	24	40	4
13X45A0302	R42039	POWER PLANT ENGINEERING	24	41	4
13X45A0302	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	23	55	4
13X45A0302	R4203E	PROJECT WORK	49	147	12
13X45A0303	R42031	INTERACTIVE COMPUTER GRAPHICS	19	34	4
13X45A0303	R42034	AUTOMATION IN MANUFACTURING	23	58	4
13X45A0303	R42039	POWER PLANT ENGINEERING	21	46	4
13X45A0303	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	45	4
13X45A0303	R4203E	PROJECT WORK	48	148	12
13X45A0304	R42031	INTERACTIVE COMPUTER GRAPHICS	19	13	0
13X45A0304	R42034	AUTOMATION IN MANUFACTURING	22	33	4
13X45A0304	R42039	POWER PLANT ENGINEERING	22	28	4
13X45A0304	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	14	41	4
13X45A0304	R4203E	PROJECT WORK	47	148	12
13X45A0305	R42031	INTERACTIVE COMPUTER GRAPHICS	20	30	4
13X45A0305	R42034	AUTOMATION IN MANUFACTURING	25	39	4
13X45A0305	R42039	POWER PLANT ENGINEERING	22	41	4
13X45A0305	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	50	4
13X45A0305	R4203E	PROJECT WORK	49	147	12
13X45A0306	R42031	INTERACTIVE COMPUTER GRAPHICS	18	32	4
13X45A0306	R42034	AUTOMATION IN MANUFACTURING	22	46	4
13X45A0306	R42039	POWER PLANT ENGINEERING	24	39	4
13X45A0306	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	20	56	4
13X45A0306	R4203E	PROJECT WORK	49	147	12
13X45A0307	R42031	INTERACTIVE COMPUTER GRAPHICS	18	31	4
13X45A0307	R42034	AUTOMATION IN MANUFACTURING	22	37	4
13X45A0307	R42039	POWER PLANT ENGINEERING	21	16	0
13X45A0307	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	30	4
13X45A0307	R4203E	PROJECT WORK	42	146	12
13X45A0308	R42031	INTERACTIVE COMPUTER GRAPHICS	16	32	4
13X45A0308	R42034	AUTOMATION IN MANUFACTURING	20	33	4
13X45A0308	R42039	POWER PLANT ENGINEERING	20	35	4
13X45A0308	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	15	26	4
13X45A0308	R4203E	PROJECT WORK	49	147	12
13X45A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	17	16	0
13X45A0309	R42034	AUTOMATION IN MANUFACTURING	21	38	4
13X45A0309	R42039	POWER PLANT ENGINEERING	21	17	0
13X45A0309	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	31	4
13X45A0309	R4203E	PROJECT WORK	48	141	12
13X45A0310	R42031	INTERACTIVE COMPUTER GRAPHICS	17	26	4
13X45A0310	R42034	AUTOMATION IN MANUFACTURING	19	16	0
13X45A0310	R42039	POWER PLANT ENGINEERING	20	29	4
13X45A0310	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	45	4
13X45A0310	R4203E	PROJECT WORK	47	146	12
13X45A0311	R42031	INTERACTIVE COMPUTER GRAPHICS	17	0	0
13X45A0311	R42034	AUTOMATION IN MANUFACTURING		34	4

Htno	Subcode	Subname	Internal	External	credits
13X45A0311	R42039	POWER PLANT ENGINEERING	21	15	0
13X45A0311	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	35	4
13X45A0311	R4203E	PROJECT WORK	46	146	12
13X45A0312	R42031	INTERACTIVE COMPUTER GRAPHICS	20	26	4
13X45A0312	R42034	AUTOMATION IN MANUFACTURING	22	47	4
13X45A0312	R42039	POWER PLANT ENGINEERING	22	31	4
13X45A0312	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	25	37	4
13X45A0312	R4203E	PROJECT WORK	49	139	12
13X45A0313	R42031	INTERACTIVE COMPUTER GRAPHICS	16	33	4
13X45A0313	R42034	AUTOMATION IN MANUFACTURING	20	48	4
13X45A0313	R42039	POWER PLANT ENGINEERING	21	48	4
13X45A0313	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	43	4
13X45A0313	R4203E	PROJECT WORK	49	139	12
13X45A0314	R42031	INTERACTIVE COMPUTER GRAPHICS	13	32	4
13X45A0314	R42034	AUTOMATION IN MANUFACTURING	22	40	4
13X45A0314	R42039	POWER PLANT ENGINEERING	20	40	4
13X45A0314	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	63	4
13X45A0314	R4203E	PROJECT WORK	46	139	12
13X45A0315	R42031	INTERACTIVE COMPUTER GRAPHICS	17	34	4
13X45A0315	R42034	AUTOMATION IN MANUFACTURING	18	35	4
13X45A0315	R42039	POWER PLANT ENGINEERING	22	33	4
13X45A0315	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	38	4
13X45A0315	R4203E	PROJECT WORK	48	148	12
13X45A0316	R42031	INTERACTIVE COMPUTER GRAPHICS	18	11	0
13X45A0316	R42034	AUTOMATION IN MANUFACTURING	20	35	4
13X45A0316	R42039	POWER PLANT ENGINEERING	18	36	4
13X45A0316	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	35	4
13X45A0316	R4203E	PROJECT WORK	48	148	12
13X45A0317	R42031	INTERACTIVE COMPUTER GRAPHICS	18	28	4
13X45A0317	R42034	AUTOMATION IN MANUFACTURING	22	39	4
13X45A0317	R42039	POWER PLANT ENGINEERING	22	34	4
13X45A0317	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	48	4
13X45A0317	R4203E	PROJECT WORK	48	140	12
13X45A0318	R42031	INTERACTIVE COMPUTER GRAPHICS	15	10	0
13X45A0318	R42034	AUTOMATION IN MANUFACTURING	17	37	4
13X45A0318	R42039	POWER PLANT ENGINEERING	19	20	0
13X45A0318	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	14	0
13X45A0318	R4203E	PROJECT WORK	48	140	12
13X45A0319	R42031	INTERACTIVE COMPUTER GRAPHICS	20	33	4
13X45A0319	R42034	AUTOMATION IN MANUFACTURING	24	55	4
13X45A0319	R42039	POWER PLANT ENGINEERING	22	35	4
13X45A0319	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	24	40	4
13X45A0319	R4203E	PROJECT WORK	49	147	12
13X45A0320	R42031	INTERACTIVE COMPUTER GRAPHICS	20	26	4
13X45A0320	R42034	AUTOMATION IN MANUFACTURING	22	35	4
13X45A0320	R42039	POWER PLANT ENGINEERING	22	27	4
13X45A0320	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	35	4
13X45A0320	R4203E	PROJECT WORK	45	145	12
13X45A0322	R42031	INTERACTIVE COMPUTER GRAPHICS	15	34	4
13X45A0322	R42034	AUTOMATION IN MANUFACTURING	21	40	4

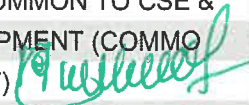| Htno	Subcode	Subname	Internal	External	credits
13X45A0322	R42039	POWER PLANT ENGINEERING	18	40	4
13X45A0322	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	52	4
13X45A0322	R4203E	PROJECT WORK	40	142	12
13X45A0323	R42031	INTERACTIVE COMPUTER GRAPHICS	16	30	4
13X45A0323	R42034	AUTOMATION IN MANUFACTURING	20	64	4
13X45A0323	R42039	POWER PLANT ENGINEERING	23	42	4
13X45A0323	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	22	65	4
13X45A0323	R4203E	PROJECT WORK	48	139	12
13X45A0324	R42031	INTERACTIVE COMPUTER GRAPHICS	21	33	4
13X45A0324	R42034	AUTOMATION IN MANUFACTURING	21	47	4
13X45A0324	R42039	POWER PLANT ENGINEERING	21	34	4
13X45A0324	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	21	35	4
13X45A0324	R4203E	PROJECT WORK	49	140	12
13X45A0325	R42031	INTERACTIVE COMPUTER GRAPHICS	18	26	4
13X45A0325	R42034	AUTOMATION IN MANUFACTURING	19	40	4
13X45A0325	R42039	POWER PLANT ENGINEERING	16	27	4
13X45A0325	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	19	26	4
13X45A0325	R4203E	PROJECT WORK	48	140	12
13X45A0401	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	47	4
13X45A0401	R42043	SATELLITE COMMUNICATIONS	18	30	4
13X45A0401	R42045	OPERATING SYSTEMS	22	50	4
13X45A0401	R4204A	TV ENGINEERING	19	36	4
13X45A0401	R4204B	PROJECT	45	145	12
13X45A0402	R42041	CELLULAR AND MOBILE COMMUNICATIONS	19	27	4
13X45A0402	R42043	SATELLITE COMMUNICATIONS	20	33	4
13X45A0402	R42045	OPERATING SYSTEMS	23	31	4
13X45A0402	R4204A	TV ENGINEERING	21	28	4
13X45A0402	R4204B	PROJECT	45	140	12
13X45A0403	R42041	CELLULAR AND MOBILE COMMUNICATIONS	1	0	0
13X45A0403	R42043	SATELLITE COMMUNICATIONS	15	16	0
13X45A0403	R42045	OPERATING SYSTEMS	7	2	0
13X45A0403	R4204A	TV ENGINEERING	18	7	0
13X45A0403	R4204B	PROJECT	45	130	12
13X45A0404	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	35	4
13X45A0404	R42043	SATELLITE COMMUNICATIONS	13	11	0
13X45A0404	R42045	OPERATING SYSTEMS	17	49	4
13X45A0404	R4204A	TV ENGINEERING	24	33	4
13X45A0404	R4204B	PROJECT	49	142	12
13X45A0405	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	59	4
13X45A0405	R42043	SATELLITE COMMUNICATIONS	25	34	4
13X45A0405	R42045	OPERATING SYSTEMS	21	56	4
13X45A0405	R4204A	TV ENGINEERING	24	27	4
13X45A0405	R4204B	PROJECT	47	142	12
13X45A0406	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	39	4
13X45A0406	R42043	SATELLITE COMMUNICATIONS	19	31	4
13X45A0406	R42045	OPERATING SYSTEMS	23	26	4
13X45A0406	R4204A	TV ENGINEERING	20	35	4
13X45A0406	R4204B	PROJECT		59	148	12
13X45A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	36	4
13X45A0408	R42042	NETWORK SECURITY AND CRYPTOGRAPHY (COMMON TO	20	40	4

Htno	Subcode	Subname	Internal	External	credits
13X45A0408	R42045	OPERATING SYSTEMS	19	13	0
13X45A0408	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	29	4
13X45A0408	R4204B	PROJECT	50	147	12
13X45A0409	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	35	4
13X45A0409	R42043	SATELLITE COMMUNICATIONS	20	40	4
13X45A0409	R42045	OPERATING SYSTEMS	21	56	4
13X45A0409	R4204A	TV ENGINEERING	20	52	4
13X45A0409	R4204B	PROJECT	47	142	12
13X45A0410	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	50	4
13X45A0410	R42043	SATELLITE COMMUNICATIONS	25	40	4
13X45A0410	R42045	OPERATING SYSTEMS	24	59	4
13X45A0410	R4204A	TV ENGINEERING	25	58	4
13X45A0410	R4204B	PROJECT	50	147	12
13X45A0412	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	50	4
13X45A0412	R42043	SATELLITE COMMUNICATIONS	17	32	4
13X45A0412	R42045	OPERATING SYSTEMS	23	45	4
13X45A0412	R4204A	TV ENGINEERING	25	28	4
13X45A0412	R4204B	PROJECT	35	138	12
13X45A0413	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	45	4
13X45A0413	R42043	SATELLITE COMMUNICATIONS	18	39	4
13X45A0413	R42045	OPERATING SYSTEMS	21	29	4
13X45A0413	R4204A	TV ENGINEERING	21	30	4
13X45A0413	R4204B	PROJECT	50	130	12
13X45A0415	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	40	4
13X45A0415	R42043	SATELLITE COMMUNICATIONS	18	43	4
13X45A0415	R42045	OPERATING SYSTEMS	21	35	4
13X45A0415	R4204A	TV ENGINEERING	24	56	4
13X45A0415	R4204B	PROJECT	50	145	12
13X45A0416	R42041	CELLULAR AND MOBILE COMMUNICATIONS	21	55	4
13X45A0416	R42043	SATELLITE COMMUNICATIONS	18	44	4
13X45A0416	R42045	OPERATING SYSTEMS	22	58	4
13X45A0416	R4204A	TV ENGINEERING	25	52	4
13X45A0416	R4204B	PROJECT	40	143	12
13X45A0417	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	29	4
13X45A0417	R42043	SATELLITE COMMUNICATIONS	15	35	4
13X45A0417	R42045	OPERATING SYSTEMS	18	31	4
13X45A0417	R4204A	TV ENGINEERING	20	31	4
13X45A0417	R4204B	PROJECT	46	130	12
13X45A0418	R42041	CELLULAR AND MOBILE COMMUNICATIONS	9	32	4
13X45A0418	R42043	SATELLITE COMMUNICATIONS	14	17	0
13X45A0418	R42045	OPERATING SYSTEMS	18	12	0
13X45A0418	R4204A	TV ENGINEERING	23	29	4
13X45A0418	R4204B	PROJECT	45	120	12
13X45A0419	R42041	CELLULAR AND MOBILE COMMUNICATIONS	23	28	4
13X45A0419	R42043	SATELLITE COMMUNICATIONS	19	46	4
13X45A0419	R42045	OPERATING SYSTEMS	22	9	0
13X45A0419	R4204A	TV ENGINEERING	24	53	4
13X45A0419	R4204B	PROJECT	42	138	12
13X45A0420	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	52	4
13X45A0420	R42043	SATELLITE COMMUNICATIONS	20	27	4

Htno	Subcode	Subname	Internal	External	credits
13X45A0420	R42045	OPERATING SYSTEMS	23	56	4
13X45A0420	R4204A	TV ENGINEERING	23	52	4
13X45A0420	R4204B	PROJECT	47	140	12
13X45A0421	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	47	4
13X45A0421	R42043	SATELLITE COMMUNICATIONS	23	42	4
13X45A0421	R42045	OPERATING SYSTEMS	24	47	4
13X45A0421	R4204A	TV ENGINEERING	25	53	4
13X45A0421	R4204B	PROJECT	45	130	12
13X45A0422	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	33	4
13X45A0422	R42043	SATELLITE COMMUNICATIONS	15	15	0
13X45A0422	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	12	0
13X45A0422	R4204A	TV ENGINEERING	16	29	4
13X45A0422	R4204B	PROJECT	45	135	12
13X45A0423	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	32	4
13X45A0423	R42043	SATELLITE COMMUNICATIONS	20	36	4
13X45A0423	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	40	4
13X45A0423	R4204A	TV ENGINEERING	22	37	4
13X45A0423	R4204B	PROJECT	48	140	12
13X45A0424	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	51	4
13X45A0424	R42043	SATELLITE COMMUNICATIONS	17	26	4
13X45A0424	R42045	OPERATING SYSTEMS	23	60	4
13X45A0424	R4204A	TV ENGINEERING	21	40	4
13X45A0424	R4204B	PROJECT	47	140	12
13X45A0425	R42041	CELLULAR AND MOBILE COMMUNICATIONS	22	44	4
13X45A0425	R42043	SATELLITE COMMUNICATIONS	20	37	4
13X45A0425	R42045	OPERATING SYSTEMS	23	41	4
13X45A0425	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	20	11	0
13X45A0425	R4204B	PROJECT	43	135	12
13X45A0426	R42041	CELLULAR AND MOBILE COMMUNICATIONS	24	54	4
13X45A0426	R42043	SATELLITE COMMUNICATIONS	20	44	4
13X45A0426	R42045	OPERATING SYSTEMS	22	50	4
13X45A0426	R4204A	TV ENGINEERING	23	35	4
13X45A0426	R4204B	PROJECT	45	145	12
13X45A0501	R42051	DISTRIBUTED SYSTEMS	22	42	4
13X45A0501	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	26	4
13X45A0501	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	19	41	4
13X45A0501	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	43	4
13X45A0501	R4205H	PROJECT	43	137	12
13X45A0502	R42051	DISTRIBUTED SYSTEMS	18	36	4
13X45A0502	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	24	30	4
13X45A0502	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	40	4
13X45A0502	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	42	4
13X45A0502	R4205H	PROJECT	45	132	12
13X45A0503	R42051	DISTRIBUTED SYSTEMS	16	43	4
13X45A0503	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	47	4
13X45A0503	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	32	4
13X45A0503	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	54	4
13X45A0503	R4205H	PROJECT	37	116	12

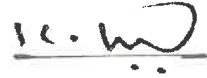**Note:- For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by

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

PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLOGY
ENIKEPADU,
VIJAYAWADA-521 108.

Htno	Subcode	Subname	Internal	External	credits
08X41A0159	K0126	PAVEMENT ANALYSIS AND DESIGN	12	28	4
09X41A04A1	L0421	EMBEDDED AND REAL TIME SYSTEMS	---	No Change	---
11X41A0333	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO	14	36	4
11X41A0459	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE	---	No Change	---
11X41A0489	R42041	CELLULAR AND MOBILE COMMUNICATIONS	13	32	4
11X41A0489	R42043	SATELLITE COMMUNICATIONS	14	26	4
12NH1A0465	R42045	OPERATING SYSTEMS	16	29	4
12NH1A0465	R4204A	TV ENGINEERING	---	No Change	---
12X41A0126	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	42	4
12X41A0137	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0145	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0147	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	---	No Change	---
12X41A0149	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	31	4
12X41A0149	R42019	ADVANCED STRUCTURAL ANALYSIS	---	No Change	---
12X41A0155	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0156	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0156	R42019	ADVANCED STRUCTURAL ANALYSIS	---	No Change	---
12X41A0184	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0184	R42015	WATER SHED MANAGEMENT	---	No Change	---
12X41A01A1	R42019	ADVANCED STRUCTURAL ANALYSIS	---	No Change	---
12X41A01A4	R42019	ADVANCED STRUCTURAL ANALYSIS	---	No Change	---
12X41A0201	R42021	DIGITAL CONTROL SYSTEMS	---	No Change	---
12X41A0205	R42021	DIGITAL CONTROL SYSTEMS	---	No Change	---
12X41A0215	R42021	DIGITAL CONTROL SYSTEMS	---	No Change	---
12X41A0215	R42024	SPECIAL ELECTRICAL MACHINES	---	No Change	---
12X41A0226	R42024	SPECIAL ELECTRICAL MACHINES	---	No Change	---
12X41A0229	R42025	NON CONVENTIONAL SOURCES OF ENERGY	---	No Change	---
12X41A0309	R42034	AUTOMATION IN MANUFACTURING	23	40	4
12X41A0312	R42034	AUTOMATION IN MANUFACTURING	---	No Change	---
12X41A0317	R42034	AUTOMATION IN MANUFACTURING	20	35	4
12X41A0333	R42031	INTERACTIVE COMPUTER GRAPHICS	22	54	4
12X41A0337	R42034	AUTOMATION IN MANUFACTURING	---	No Change	---
12X41A0337	R42039	POWER PLANT ENGINEERING	18	31	4
12X41A0337	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO	---	No Change	---
12X41A0339	R42031	INTERACTIVE COMPUTER GRAPHICS	---	No Change	---
12X41A0360	R42039	POWER PLANT ENGINEERING	18	32	4
12X41A0367	R42039	POWER PLANT ENGINEERING	22	31	4
12X41A0375	R42031	INTERACTIVE COMPUTER GRAPHICS	---	No Change	---
12X41A0375	R42039	POWER PLANT ENGINEERING	---	No Change	---
12X41A0377	R42031	INTERACTIVE COMPUTER GRAPHICS	18	43	4
12X41A0382	R42031	INTERACTIVE COMPUTER GRAPHICS	16	42	4
12X41A0382	R42034	AUTOMATION IN MANUFACTURING	---	No Change	---
12X41A0382	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO	21	51	4
12X41A0395	R42031	INTERACTIVE COMPUTER GRAPHICS	20	46	4
12X41A0395	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO	22	36	4
12X41A03A5	R42039	POWER PLANT ENGINEERING	---	No Change	---

Htno	Subcode	Subname	Internal	External	credits
12X41A0404	R42041	CELLULAR AND MOBILE COMMUNICATIONS	---	No Change	---
12X41A0409	R42041	CELLULAR AND MOBILE COMMUNICATIONS	---	No Change	---
12X41A0409	R42045	OPERATING SYSTEMS	---	No Change	---
12X41A0409	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO E	22	32	4
12X41A0413	R4204A	TV ENGINEERING	---	No Change	---
12X41A0416	R42041	CELLULAR AND MOBILE COMMUNICATIONS	---	No Change	---
12X41A0416	R42045	OPERATING SYSTEMS	---	No Change	---
12X41A0416	R4204A	TV ENGINEERING	---	No Change	---
12X41A0418	R42043	SATELLITE COMMUNICATIONS	---	No Change	---
12X41A0427	R42043	SATELLITE COMMUNICATIONS	16	40	4
12X41A0427	R42045	OPERATING SYSTEMS	---	No Change	---
12X41A0431	R42043	SATELLITE COMMUNICATIONS	14	37	4
12X41A0435	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE	21	29	4
12X41A0466	R42045	OPERATING SYSTEMS	22	28	4
12X41A0470	R42043	SATELLITE COMMUNICATIONS	---	No Change	---
12X41A0474	R42043	SATELLITE COMMUNICATIONS	19	40	4
12X41A0480	R42043	SATELLITE COMMUNICATIONS	20	42	4
12X41A0485	R42043	SATELLITE COMMUNICATIONS	---	No Change	---
12X41A0486	R42045	OPERATING SYSTEMS	23	28	4
12X41A0489	R42043	SATELLITE COMMUNICATIONS	17	37	4
12X41A0499	R42043	SATELLITE COMMUNICATIONS	15	33	4
12X41A0499	R4204A	TV ENGINEERING	---	No Change	---
12X41A04A2	R42041	CELLULAR AND MOBILE COMMUNICATIONS	---	No Change	---
12X41A04A2	R42043	SATELLITE COMMUNICATIONS	20	53	4
12X41A04A2	R4204A	TV ENGINEERING	---	No Change	---
12X41A04B0	R42043	SATELLITE COMMUNICATIONS	15	35	4
12X41A0505	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	---	No Change	---
12X41A0511	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0511	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A0511	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	---	No Change	---
12X41A0511	R4205G	E- COMMERCE (COMMON TO CSE & IT)	---	No Change	---
12X41A0527	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A0531	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A0535	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	---	No Change	---
12X41A0539	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0546	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0547	R42051	DISTRIBUTED SYSTEMS	21	28	4
12X41A0555	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A0555	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	11	33	4
12X41A0557	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0570	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0570	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	---	No Change	---
12X41A0586	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A05A4	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	23	37	4
12X41A05A5	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A05A5	R4205G	E- COMMERCE (COMMON TO CSE & IT)	---	No Change	---
12X41A05A8	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	19	28	4
12X41A1207	R4205G	E- COMMERCE (COMMON TO CSE & IT)	---	No Change	---
12X41A1229	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A1229	R4205G	E- COMMERCE (COMMON TO CSE & IT)	---	No Change	---
13X45A0101	R42019	ADVANCED STRUCTURAL ANALYSIS	---	No Change	---

Htno	Subcode	Subname	Internal	External	credits
13X45A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	---	No Change	---
13X45A0203	R42021	DIGITAL CONTROL SYSTEMS	---	No Change	---
13X45A0203	R42028	OOPS THROUGH JAVA	---	No Change	---
13X45A0304	R42031	INTERACTIVE COMPUTER GRAPHICS	19	33	4
13X45A0310	R42034	AUTOMATION IN MANUFACTURING	19	26	4
13X45A0311	R42039	POWER PLANT ENGINEERING	21	36	4
13X45A0408	R42045	OPERATING SYSTEMS	19	27	4
13X45A0418	R42043	SATELLITE COMMUNICATIONS	---	No Change	---
13X45A0418	R42045	OPERATING SYSTEMS	---	No Change	---
13X45A0422	R42043	SATELLITE COMMUNICATIONS	---	No Change	---
13X45A0422	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE	---	No Change	---
13X45A0425	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO E	20	42	4

Date:23-06-2016

Controller of Examinations

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Htno	Subcode	Subname	Internal	External	credits
09X41A0459	K0421	OPTICAL COMMUNICATIONS	14	3	0
09X41A0459	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	0	0
09X41A04A1	L0421	EMBEDDED AND REAL TIME SYSTEMS	7	3	0
09X41A0506	L0521	MANAGEMENT SCIENCE	14	38	4
09X45A0406	K0421	OPTICAL COMMUNICATIONS	7	19	0
09X45A0406	L0421	EMBEDDED AND REAL TIME SYSTEMS	11	1	0
09X45A0406	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	8	11	0
10X41A1253	R4205G	E- COMMERCE (COMMON TO CSE & IT)	21	-1	0
118H1A0408	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	14	34	4
118H1A0408	R42049	REAL TIME OPERATING SYSTEMS (COMMON TO ECE	16	-1	0
11X41A0333	R42031	INTERACTIVE COMPUTER GRAPHICS	19	-1	0
11X41A0344	R42031	INTERACTIVE COMPUTER GRAPHICS	20	-1	0
11X41A0442	R42041	CELLULAR AND MOBILE COMMUNICATIONS	5	29	0
11X41A0442	R42043	SATELLITE COMMUNICATIONS	8	-1	0
11X41A0442	R4204A	TV ENGINEERING	10	-1	0
11X41A0459	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	32	4
11X41A0468	R42043	SATELLITE COMMUNICATIONS	15	17	0
11X41A0468	R4204A	TV ENGINEERING	17	16	0
11X41A04A8	R42041	CELLULAR AND MOBILE COMMUNICATIONS	0	49	4
11X41A04A8	R42043	SATELLITE COMMUNICATIONS	0	40	4
11X41A04A8	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	0	28	0
11X41A04A8	R4204A	TV ENGINEERING	0	16	0
11X41A0528	R42051	DISTRIBUTED SYSTEMS	20	5	0
11X41A1235	R4205G	E- COMMERCE (COMMON TO CSE & IT)	17	10	0
11X41A1236	R4205G	E- COMMERCE (COMMON TO CSE & IT)	20	-1	0
122E1A0453	R42045	OPERATING SYSTEMS	18	-1	0
12X41A0109	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	17	17	0
12X41A0126	R42019	ADVANCED STRUCTURAL ANALYSIS	14	42	4
12X41A0141	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	16	-1	0
12X41A0141	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	-1	0
12X41A0141	R42015	WATER SHED MANAGEMENT	5	-1	0
12X41A0141	R42019	ADVANCED STRUCTURAL ANALYSIS	4	-1	0
12X41A0145	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	17	0
12X41A0147	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	14	17	0
12X41A0149	R42019	ADVANCED STRUCTURAL ANALYSIS	11	31	4
12X41A0150	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	17	0	0
12X41A0150	R42019	ADVANCED STRUCTURAL ANALYSIS	3	29	0
12X41A0151	R42019	ADVANCED STRUCTURAL ANALYSIS	7	42	4
12X41A0155	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	24	0	0
12X41A0155	R42019	ADVANCED STRUCTURAL ANALYSIS	15	32	4
12X41A0156	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	16	2	0
12X41A0156	R42019	ADVANCED STRUCTURAL ANALYSIS	16	0	0
12X41A0162	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	30	4
12X41A0162	R42019	ADVANCED STRUCTURAL ANALYSIS	15	39	4
12X41A0174	R42019	ADVANCED STRUCTURAL ANALYSIS	30		4
12X41A0182	R42019	ADVANCED STRUCTURAL ANALYSIS	13	30	4

Htno	Subcode	Subname	Internal	External	credits
12X41A0184	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	23	2	0
12X41A0184	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	30	4
12X41A0184	R42015	WATER SHED MANAGEMENT	7	27	0
12X41A0184	R42019	ADVANCED STRUCTURAL ANALYSIS	13	30	4
12X41A0188	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	17	0
12X41A0189	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	21	0	0
12X41A0189	R42019	ADVANCED STRUCTURAL ANALYSIS	13	31	4
12X41A0195	R42019	ADVANCED STRUCTURAL ANALYSIS	18	37	4
12X41A0197	R42019	ADVANCED STRUCTURAL ANALYSIS	15	41	4
12X41A01A4	R42019	ADVANCED STRUCTURAL ANALYSIS	12	36	4
12X41A01A6	R42019	ADVANCED STRUCTURAL ANALYSIS	12	34	4
12X41A01B3	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	20	8	0
12X41A01B4	R42019	ADVANCED STRUCTURAL ANALYSIS	12	30	4
12X41A01B8	R42019	ADVANCED STRUCTURAL ANALYSIS	10	36	4
12X41A0202	R42024	SPECIAL ELECTRICAL MACHINES	17	-1	0
12X41A0202	R42025	NON CONVENTIONAL SOURCES OF ENERGY	17	-1	0
12X41A0205	R42021	DIGITAL CONTROL SYSTEMS	16	0	0
12X41A0215	R42021	DIGITAL CONTROL SYSTEMS	14	11	0
12X41A0215	R42024	SPECIAL ELECTRICAL MACHINES	23	40	4
12X41A0219	R42021	DIGITAL CONTROL SYSTEMS	12	11	0
12X41A0221	R42024	SPECIAL ELECTRICAL MACHINES	2	44	4
12X41A0226	R42024	SPECIAL ELECTRICAL MACHINES	21	35	4
12X41A0228	R42021	DIGITAL CONTROL SYSTEMS	17	6	0
12X41A0229	R42025	NON CONVENTIONAL SOURCES OF ENERGY	16	34	4
12X41A0229	R42028	OOPS THROUGH JAVA	11	10	0
12X41A0238	R42021	DIGITAL CONTROL SYSTEMS	12	1	0
12X41A0238	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	4	0
12X41A0238	R42028	OOPS THROUGH JAVA	8	-1	0
12X41A0308	R42031	INTERACTIVE COMPUTER GRAPHICS	18	14	0
12X41A0308	R42039	POWER PLANT ENGINEERING	20	3	0
12X41A0308	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	14	0
12X41A0312	R42034	AUTOMATION IN MANUFACTURING	18	13	0
12X41A0320	R42034	AUTOMATION IN MANUFACTURING	0	11	0
12X41A0320	R42039	POWER PLANT ENGINEERING	0	9	0
12X41A0325	R42031	INTERACTIVE COMPUTER GRAPHICS	14	-1	0
12X41A0325	R42034	AUTOMATION IN MANUFACTURING	12	-1	0
12X41A0325	R42039	POWER PLANT ENGINEERING	17	-1	0
12X41A0325	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	11	0	0
12X41A0327	R42039	POWER PLANT ENGINEERING	19	38	4
12X41A0328	R42031	INTERACTIVE COMPUTER GRAPHICS	14	8	0
12X41A0337	R42034	AUTOMATION IN MANUFACTURING	15	9	0
12X41A0337	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	16	31	4
12X41A0339	R42031	INTERACTIVE COMPUTER GRAPHICS	18	4	0
12X41A0341	R42039	POWER PLANT ENGINEERING	15	31	4
12X41A0341	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	12	35	4
12X41A0375	R42031	INTERACTIVE COMPUTER GRAPHICS	22	10	0
12X41A0375	R42039	POWER PLANT ENGINEERING	19	31	4
12X41A0380	R42034	AUTOMATION IN MANUFACTURING	21	4	0
12X41A0380	R42039	POWER PLANT ENGINEERING	19	4	0
12X41A03A5	R42039	POWER PLANT ENGINEERING	15	9	0
12X41A0404	R42041	CELLULAR AND MOBILE COMMUNICATIONS	16	7	0

Htno	Subcode	Subname	Internal	External	credits
12X41A0405	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	20	0
12X41A0405	R4204A	TV ENGINEERING	18	12	0
12X41A0408	R42041	CELLULAR AND MOBILE COMMUNICATIONS	10	-1	0
12X41A0416	R42041	CELLULAR AND MOBILE COMMUNICATIONS	18	20	0
12X41A0416	R42045	OPERATING SYSTEMS	18	6	0
12X41A0416	R4204A	TV ENGINEERING	16	8	0
12X41A0427	R42045	OPERATING SYSTEMS	18	16	0
12X41A0431	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	17	7	0
12X41A0432	R4204A	TV ENGINEERING	13	20	0
12X41A0438	R42043	SATELLITE COMMUNICATIONS	11	35	4
12X41A0438	R42045	OPERATING SYSTEMS	16	9	0
12X41A0440	R42043	SATELLITE COMMUNICATIONS	10	0	0
12X41A0440	R4204A	TV ENGINEERING	10	-1	0
12X41A0460	R42041	CELLULAR AND MOBILE COMMUNICATIONS	17	19	0
12X41A0465	R42041	CELLULAR AND MOBILE COMMUNICATIONS	20	30	4
12X41A0465	R42043	SATELLITE COMMUNICATIONS	16	30	4
12X41A0470	R42043	SATELLITE COMMUNICATIONS	14	30	4
12X41A0496	R42041	CELLULAR AND MOBILE COMMUNICATIONS	14	30	4
12X41A0496	R42043	SATELLITE COMMUNICATIONS	16	30	4
12X41A0499	R4204A	TV ENGINEERING	16	14	0
12X41A0511	R42051	DISTRIBUTED SYSTEMS	16	18	0
12X41A0511	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	18	10	0
12X41A0511	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	20	0
12X41A0511	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	11	0
12X41A0527	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	20	19	0
12X41A0528	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	13	0
12X41A0528	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	15	17	0
12X41A0531	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	21	26	4
12X41A0535	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	17	26	4
12X41A0539	R42051	DISTRIBUTED SYSTEMS	17	31	4
12X41A0546	R42051	DISTRIBUTED SYSTEMS	19	12	0
12X41A0557	R42051	DISTRIBUTED SYSTEMS	18	19	0
12X41A0563	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	17	0
12X41A0563	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	16	16	0
12X41A0581	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	18	13	0
12X41A0582	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	15	16	0
12X41A0582	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	18	0
12X41A0586	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	19	29	4
12X41A1207	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	4	0
12X41A1224	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CSE &	7	-1	0
12X41A1224	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (COMMO	14	-1	0
12X41A1224	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	-1	0
12X41A1230	R4205G	E- COMMERCE (COMMON TO CSE & IT)	19	6	0
13X45A0101	R42019	ADVANCED STRUCTURAL ANALYSIS	18	32	4
13X45A0107	R42019	ADVANCED STRUCTURAL ANALYSIS	14	31	4
13X45A0113	R42019	ADVANCED STRUCTURAL ANALYSIS	15	30	4
13X45A0202	R42025	NON CONVENTIONAL SOURCES OF ENERGY	21	11	0
13X45A0202	R42028	OOPS THROUGH JAVA	14	-1	0
13X45A0203	R42021	DIGITAL CONTROL SYSTEMS	18	27	4
13X45A0203	R42028	OOPS THROUGH JAVA		9	0
13X45A0307	R42039	POWER PLANT ENGINEERING	21	20	0

Htno	Subcode	Subname	Internal	External	credits
13X45A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	17	15	0
13X45A0309	R42039	POWER PLANT ENGINEERING	21	31	4
13X45A0311	R42031	INTERACTIVE COMPUTER GRAPHICS	17	8	0
13X45A0318	R42031	INTERACTIVE COMPUTER GRAPHICS	15	-1	0
13X45A0318	R42039	POWER PLANT ENGINEERING	19	-1	0
13X45A0318	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO ME	18	-1	0
13X45A0418	R42043	SATELLITE COMMUNICATIONS	14	32	4
13X45A0418	R42045	OPERATING SYSTEMS	18	9	0
13X45A0419	R42045	OPERATING SYSTEMS	22	20	0
13X45A0422	R42043	SATELLITE COMMUNICATIONS	15	27	4
13X45A0422	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE & E	15	30	4

**Note:- For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only on or before 17-08-2016.

** 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

N. Mohan Rao

Date:08-08-2016

Controller of Examinations

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Htno	Subcode	Subname	Internal	External	credits
09X41A04A1	L0421	EMBEDDED AND REAL TIME SYSTEMS	---	No Change	---
11X41A0468	R42043	SATELLITE COMMUNICATIONS	---	No Change	---
11X41A0468	R4204A	TV ENGINEERING	17	28	4
11X41A04A8	R42047	WIRELESS SENSOR NETWORKS (COMMON TO ECE	0	46	4
11X41A04A8	R4204A	TV ENGINEERING	---	No Change	---
12X41A0109	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	---	No Change	---
12X41A0145	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0155	R42011	ESTIMATION SPECIFICATIONS & CONTRACTS	---	No Change	---
12X41A0188	R42013	GROUND WATER DEVELOPMENT AND MANAGEMENT	13	33	4
12X41A0308	R42031	INTERACTIVE COMPUTER GRAPHICS	---	No Change	---
12X41A0308	R4203A	PRODUCTION PLANNING & CONTROL (COMMON TO	---	No Change	---
12X41A0375	R42031	INTERACTIVE COMPUTER GRAPHICS	---	No Change	---
12X41A0427	R42045	OPERATING SYSTEMS	18	31	4
12X41A0438	R42045	OPERATING SYSTEMS	---	No Change	---
12X41A0511	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0511	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	---	No Change	---
12X41A0511	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	---	No Change	---
12X41A0511	R4205G	E- COMMERCE (COMMON TO CSE & IT)	16	35	4
12X41A0528	R42052	HUMAN COMPUTER INTERACTION (COMMON TO CS	19	26	4
12X41A0528	R4205B	MULTIMEDIA & APPLICATION DEVELOPMENT (CO	---	No Change	---
12X41A0546	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
12X41A0557	R42051	DISTRIBUTED SYSTEMS	---	No Change	---
13X45A0307	R42039	POWER PLANT ENGINEERING	21	31	4
13X45A0309	R42031	INTERACTIVE COMPUTER GRAPHICS	---	No Change	---
13X45A0311	R42031	INTERACTIVE COMPUTER GRAPHICS	---	No Change	---

*** There is no change for Other applicants

Date:03-11-2016

N. Mohan Rao

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for M.Tech (R13/R09)II SEMESTER REG/SUPPLE EXAMINATIONS Oct-2015

College name: S R K INST. OF TECHNOLOGY, ENIKEPADU, VIJAYAWADA:X4

Discrepancy pertaining to this results supposed to be cleared on or before 18-02-2016 with following documents at CE Office,JNTUK,Kakinada

- Online Registration Proof
- Hallticket
- DForm(Online)
- DForm(Offline)
- Attendance Sheet
- Any Other supporting Documents

Htno	Subcode	Subname	Internal	External	credits
11X41D7009	D3802	ANALOG AND DIGITAL IC DESIGN	14	-1	0
12X41D7001	D7002	IMAGE AND VIDEO PROCESSING	22	25	0
13X41D7007	H4502	IMAGE & VIDEO PROCESSING	19	-1	0
13X41D7007	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	26	-1	0
14X41D5802	H0501	DATA WAREHOUSING AND DATA MINING	34	34	1
14X41D5802	H0507	HUMAN COMPUTER INTERACTION	38	36	1
14X41D5802	H2508	CLOUD COMPUTING	37	47	1
14X41D5802	H4002	INFORMATION SECURITY	37	29	1
14X41D5802	H5801	COMPUTER NETWORKS	30	39	1
14X41D5802	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	39	35	1
14X41D5802	H5806	CSE LAB-2	33	52	1
14X41D5803	H0501	DATA WAREHOUSING AND DATA MINING	37	36	1
14X41D5803	H0507	HUMAN COMPUTER INTERACTION	37	40	1
14X41D5803	H2508	CLOUD COMPUTING	38	33	1
14X41D5803	H4002	INFORMATION SECURITY	37	31	1
14X41D5803	H5801	COMPUTER NETWORKS	38	35	1
14X41D5803	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	40	34	1
14X41D5803	H5806	CSE LAB-2	40	57	1
14X41D5804	H0501	DATA WAREHOUSING AND DATA MINING	37	28	1
14X41D5804	H0507	HUMAN COMPUTER INTERACTION	36	34	1
14X41D5804	H2508	CLOUD COMPUTING	37	29	1
14X41D5804	H4002	INFORMATION SECURITY	35	24	1
14X41D5804	H5801	COMPUTER NETWORKS	33	32	1
14X41D5804	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	39	32	1
14X41D5804	H5806	CSE LAB-2	36	52	1
14X41D5806	H0501	DATA WAREHOUSING AND DATA MINING	39	39	1
14X41D5806	H0507	HUMAN COMPUTER INTERACTION	39	45	1
14X41D5806	H2508	CLOUD COMPUTING	39	50	1
14X41D5806	H4002	INFORMATION SECURITY	40	39	1
14X41D5806	H5801	COMPUTER NETWORKS	39	46	1
14X41D5806	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	40	46	1
14X41D5806	H5806	CSE LAB-2	40	59	1
14X41D5807	H0501	DATA WAREHOUSING AND DATA MINING	37	39	1
14X41D5807	H0507	HUMAN COMPUTER INTERACTION	39	40	1

Htno	Subcode	Subname	Internal	External	credits
14X41D5807	H2508	CLOUD COMPUTING	38	46	1
14X41D5807	H4002	INFORMATION SECURITY	39	40	1
14X41D5807	H5801	COMPUTER NETWORKS	34	44	1
14X41D5807	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	39	33	1
14X41D5807	H5806	CSE LAB-2	33	47	1
14X41D5808	H0501	DATA WAREHOUSING AND DATA MINING	34	42	1
14X41D5808	H0507	HUMAN COMPUTER INTERACTION	35	37	1
14X41D5808	H2508	CLOUD COMPUTING	38	47	1
14X41D5808	H4002	INFORMATION SECURITY	39	38	1
14X41D5808	H5801	COMPUTER NETWORKS	33	39	1
14X41D5808	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	40	42	1
14X41D5808	H5806	CSE LAB-2	32	56	1
14X41D5809	H0501	DATA WAREHOUSING AND DATA MINING	37	37	1
14X41D5809	H0507	HUMAN COMPUTER INTERACTION	37	29	1
14X41D5809	H2508	CLOUD COMPUTING	38	38	1
14X41D5809	H4002	INFORMATION SECURITY	38	33	1
14X41D5809	H5801	COMPUTER NETWORKS	38	26	1
14X41D5809	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	39	27	1
14X41D5809	H5806	CSE LAB-2	38	49	1
14X41D5810	H0501	DATA WAREHOUSING AND DATA MINING	35	36	1
14X41D5810	H0507	HUMAN COMPUTER INTERACTION	30	36	1
14X41D5810	H2508	CLOUD COMPUTING	37	46	1
14X41D5810	H4002	INFORMATION SECURITY	38	24	1
14X41D5810	H5801	COMPUTER NETWORKS	36	41	1
14X41D5810	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	39	33	1
14X41D5810	H5806	CSE LAB-2	39	56	1
14X41D5812	H0501	DATA WAREHOUSING AND DATA MINING	31	35	1
14X41D5812	H0507	HUMAN COMPUTER INTERACTION	28	35	1
14X41D5812	H2508	CLOUD COMPUTING	37	39	1
14X41D5812	H4002	INFORMATION SECURITY	37	36	1
14X41D5812	H5801	COMPUTER NETWORKS	32	35	1
14X41D5812	H5804	OBJECT ORIENTED ANALYSIS AND DESIGN ELEC	39	30	1
14X41D5812	H5806	CSE LAB-2	36	51	1
14X41D7001	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	31	33	1
14X41D7001	H3801	CODING THEORY & APPLICATIONS	31	42	1
14X41D7001	H3803	ADVANCED COMMUNICATIONS LAB	37	55	1
14X41D7001	H4502	IMAGE & VIDEO PROCESSING	26	34	1
14X41D7001	H4503	WIRELESS COMMUNICATION & NETWORKS	35	33	1
14X41D7001	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	33	40	1
14X41D7001	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	40	26	1
14X41D7002	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	32	39	1
14X41D7002	H3801	CODING THEORY & APPLICATIONS	36	43	1
14X41D7002	H3803	ADVANCED COMMUNICATIONS LAB	35	57	1
14X41D7002	H4502	IMAGE & VIDEO PROCESSING	31	34	1
14X41D7002	H4503	WIRELESS COMMUNICATION & NETWORKS	34	30	1
14X41D7002	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	34	44	1
14X41D7002	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	33	42	1
14X41D7003	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	33	33	1
14X41D7003	H3801	CODING THEORY & APPLICATIONS	40	31	1
14X41D7003	H3803	ADVANCED COMMUNICATIONS LAB	36	58	1
14X41D7003	H4502	IMAGE & VIDEO PROCESSING	29	36	1

Htno	Subcode	Subname	Internal	External	credits
14X41D7003	H4503	WIRELESS COMMUNICATION & NETWORKS	35	37	1
14X41D7003	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	34	41	1
14X41D7003	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	40	39	1
14X41D7004	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	27	25	1
14X41D7004	H3801	CODING THEORY & APPLICATIONS	27	24	1
14X41D7004	H3803	ADVANCED COMMUNICATIONS LAB	28	45	1
14X41D7004	H4502	IMAGE & VIDEO PROCESSING	22	28	1
14X41D7004	H4503	WIRELESS COMMUNICATION & NETWORKS	28	24	1
14X41D7004	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	26	37	1
14X41D7004	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	26	4	0
14X41D7005	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	32	35	1
14X41D7005	H3801	CODING THEORY & APPLICATIONS	35	27	1
14X41D7005	H3803	ADVANCED COMMUNICATIONS LAB	37	58	1
14X41D7005	H4502	IMAGE & VIDEO PROCESSING	28	36	1
14X41D7005	H4503	WIRELESS COMMUNICATION & NETWORKS	34	32	1
14X41D7005	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	32	39	1
14X41D7005	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	38	40	1
14X41D7006	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	30	43	1
14X41D7006	H3801	CODING THEORY & APPLICATIONS	31	38	1
14X41D7006	H3803	ADVANCED COMMUNICATIONS LAB	30	53	1
14X41D7006	H4502	IMAGE & VIDEO PROCESSING	27	35	1
14X41D7006	H4503	WIRELESS COMMUNICATION & NETWORKS	33	37	1
14X41D7006	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	31	40	1
14X41D7006	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	39	37	1
14X41D7007	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	30	38	1
14X41D7007	H3801	CODING THEORY & APPLICATIONS	39	40	1
14X41D7007	H3803	ADVANCED COMMUNICATIONS LAB	35	58	1
14X41D7007	H4502	IMAGE & VIDEO PROCESSING	29	35	1
14X41D7007	H4503	WIRELESS COMMUNICATION & NETWORKS	36	27	1
14X41D7007	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	33	42	1
14X41D7007	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	39	49	1
14X41D7008	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	30	37	1
14X41D7008	H3801	CODING THEORY & APPLICATIONS	32	33	1
14X41D7008	H3803	ADVANCED COMMUNICATIONS LAB	35	44	1
14X41D7008	H4502	IMAGE & VIDEO PROCESSING	31	32	1
14X41D7008	H4503	WIRELESS COMMUNICATION & NETWORKS	33	38	1
14X41D7008	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	37	36	1
14X41D7008	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	39	40	1
14X41D7009	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	29	32	1
14X41D7009	H3801	CODING THEORY & APPLICATIONS	29	33	1
14X41D7009	H3803	ADVANCED COMMUNICATIONS LAB	30	53	1
14X41D7009	H4502	IMAGE & VIDEO PROCESSING	26	35	1
14X41D7009	H4503	WIRELESS COMMUNICATION & NETWORKS	28	31	1
14X41D7009	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	26	35	1
14X41D7009	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	27	36	1
14X41D7010	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	26	24	1
14X41D7010	H3801	CODING THEORY & APPLICATIONS	26	34	1
14X41D7010	H3803	ADVANCED COMMUNICATIONS LAB	28	43	1
14X41D7010	H4502	IMAGE & VIDEO PROCESSING	26	30	1
14X41D7010	H4503	WIRELESS COMMUNICATION & NETWORKS	30	31	1
14X41D7010	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	26	40	1

Htno	Subcode	Subname	Internal	External	credits
14X41D7010	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	30	29	1
14X41D7012	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	26	27	1
14X41D7012	H3801	CODING THEORY & APPLICATIONS	26	24	1
14X41D7012	H3803	ADVANCED COMMUNICATIONS LAB	33	57	1
14X41D7012	H4502	IMAGE & VIDEO PROCESSING	26	25	1
14X41D7012	H4503	WIRELESS COMMUNICATION & NETWORKS	28	15	0
14X41D7012	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	21	32	1
14X41D7012	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	31	24	1
14X41D7013	H0602	CMOS ANALOG AND DIGITAL IC DESIGN	28	33	1
14X41D7013	H3801	CODING THEORY & APPLICATIONS	35	33	1
14X41D7013	H3803	ADVANCED COMMUNICATIONS LAB	32	58	1
14X41D7013	H4502	IMAGE & VIDEO PROCESSING	29	34	1
14X41D7013	H4503	WIRELESS COMMUNICATION & NETWORKS	36	36	1
14X41D7013	H6803	EMBEDDED REAL TIME OPERATING SYSTEMS	35	42	1
14X41D7013	H6805	DIGITAL SIGNAL PROCESSORS & ARCHITECTURE	39	36	1

**Note:1)For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only)

**NOTE:2 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: 23-02-2016]

**NOTE:3 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

Date:15-02-2016

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Htno	Subcode	Subname	Internal	External	credits	STATUS
14X41D5809	H0507	HUMAN COMPUTER INTERACTION	37	35	1	Change
14X41D5809	H5801	COMPUTER NETWORKS	38	33	1	Change
14X41D7012	H4503	WIRELESS COMMUNICATION & NETWO	28	27	1	Change

N. Mohan Rao

Date:09-06-2016

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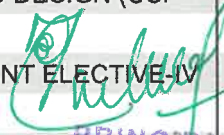
Discrepancy pertaining to this results supposed to be cleared on or before 04-04-2016 with following documents at CE Office,JNTUK,Kakinada

- Online Registration Proof
- Hallticket
- DForm(Online)
- DForm(Offline)
- Attendance Sheet
- Any Other supporting Documents

Htno	Subcode	Subname	Internal	External	credits
13X41F0001	MC1351	INFORMATION SECURITY	31	37	1
13X41F0001	MC1352	NETWORK PROGRAMMING	34	26	1
13X41F0001	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	40	44	1
13X41F0001	MC1356	E-COMMERCE ELECTIVE-III	30	31	1
13X41F0001	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	38	32	1
13X41F0001	MC135A	UML LAB	40	58	1
13X41F0001	MC135B	NETWORK PROGRAMMING LAB	38	57	1
13X41F0002	MC1351	INFORMATION SECURITY	29	45	1
13X41F0002	MC1352	NETWORK PROGRAMMING	34	25	1
13X41F0002	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	40	43	1
13X41F0002	MC1356	E-COMMERCE ELECTIVE-III	35	26	1
13X41F0002	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	37	33	1
13X41F0002	MC135A	UML LAB	39	57	1
13X41F0002	MC135B	NETWORK PROGRAMMING LAB	37	58	1
13X41F0003	MC1351	INFORMATION SECURITY	27	49	1
13X41F0003	MC1352	NETWORK PROGRAMMING	35	38	1
13X41F0003	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	34	43	1
13X41F0003	MC1356	E-COMMERCE ELECTIVE-III	29	27	1
13X41F0003	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	35	40	1
13X41F0003	MC135A	UML LAB	37	52	1
13X41F0003	MC135B	NETWORK PROGRAMMING LAB	34	54	1
13X41F0004	MC1351	INFORMATION SECURITY	34	48	1
13X41F0004	MC1352	NETWORK PROGRAMMING	36	31	1
13X41F0004	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	38	42	1
13X41F0004	MC1356	E-COMMERCE ELECTIVE-III	31	28	1
13X41F0004	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	38	41	1
13X41F0004	MC135A	UML LAB	36	52	1
13X41F0004	MC135B	NETWORK PROGRAMMING LAB	37	55	1
13X41F0005	MC1351	INFORMATION SECURITY	28	42	1
13X41F0005	MC1352	NETWORK PROGRAMMING	31	28	1
13X41F0005	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	37	39	1
13X41F0005	MC1356	E-COMMERCE ELECTIVE-III	33	33	1
13X41F0005	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	36	30	1
13X41F0005	MC135A	UML LAB	38	55	1

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Htno	Subcode	Subname	Internal	External	credits
13X41F0005	MC135B	NETWORK PROGRAMMING LAB	36	56	1
13X41F0006	MC1351	INFORMATION SECURITY	35	43	1
13X41F0006	MC1352	NETWORK PROGRAMMING	37	34	1
13X41F0006	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	40	38	1
13X41F0006	MC1356	E-COMMERCE ELECTIVE-III	35	39	1
13X41F0006	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	38	42	1
13X41F0006	MC135A	UML LAB	40	60	1
13X41F0006	MC135B	NETWORK PROGRAMMING LAB	40	60	1
13X41F0007	MC1351	INFORMATION SECURITY	26	35	1
13X41F0007	MC1352	NETWORK PROGRAMMING	28	24	1
13X41F0007	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	35	24	1
13X41F0007	MC1356	E-COMMERCE ELECTIVE-III	26	24	1
13X41F0007	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	30	25	1
13X41F0007	MC135A	UML LAB	36	58	1
13X41F0007	MC135B	NETWORK PROGRAMMING LAB	34	55	1
13X41F0008	MC1351	INFORMATION SECURITY	33	44	1
13X41F0008	MC1352	NETWORK PROGRAMMING	33	30	1
13X41F0008	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	39	39	1
13X41F0008	MC1356	E-COMMERCE ELECTIVE-III	29	29	1
13X41F0008	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	36	32	1
13X41F0008	MC135A	UML LAB	39	56	1
13X41F0008	MC135B	NETWORK PROGRAMMING LAB	36	58	1
13X41F0009	MC1351	INFORMATION SECURITY	36	48	1
13X41F0009	MC1352	NETWORK PROGRAMMING	37	38	1
13X41F0009	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	40	35	1
13X41F0009	MC1356	E-COMMERCE ELECTIVE-III	32	27	1
13X41F0009	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	38	40	1
13X41F0009	MC135A	UML LAB	40	60	1
13X41F0009	MC135B	NETWORK PROGRAMMING LAB	39	58	1
13X41F0010	MC1351	INFORMATION SECURITY	33	45	1
13X41F0010	MC1352	NETWORK PROGRAMMING	31	28	1
13X41F0010	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	36	36	1
13X41F0010	MC1356	E-COMMERCE ELECTIVE-III	30	27	1
13X41F0010	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	36	34	1
13X41F0010	MC135A	UML LAB	37	57	1
13X41F0010	MC135B	NETWORK PROGRAMMING LAB	34	54	1
13X41F0011	MC1351	INFORMATION SECURITY	37	40	1
13X41F0011	MC1352	NETWORK PROGRAMMING	38	31	1
13X41F0011	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	37	42	1
13X41F0011	MC1356	E-COMMERCE ELECTIVE-III	35	46	1
13X41F0011	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	40	42	1
13X41F0011	MC135A	UML LAB	40	60	1
13X41F0011	MC135B	NETWORK PROGRAMMING LAB	40	60	1
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13X41F0012	MC1352	NETWORK PROGRAMMING	36	31	1
13X41F0012	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	39	35	1
13X41F0012	MC1356	E-COMMERCE ELECTIVE-III	35	40	1
13X41F0012	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	40	37	1
13X41F0012	MC135A	UML LAB	38	56	1
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13X41F0013	MC1351	INFORMATION SECURITY	29	42	1

Htno	Subcode	Subname	Internal	External	credits
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13X41F0013	MC135B	NETWORK PROGRAMMING LAB	36	54	1
13X41F0014	MC1351	INFORMATION SECURITY	30	46	1
13X41F0014	MC1352	NETWORK PROGRAMMING	29	29	1
13X41F0014	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	39	33	1
13X41F0014	MC1356	E-COMMERCE ELECTIVE-III	31	36	1
13X41F0014	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	34	29	1
13X41F0014	MC135A	UML LAB	36	55	1
13X41F0014	MC135B	NETWORK PROGRAMMING LAB	35	55	1
13X41F0015	MC1351	INFORMATION SECURITY	32	40	1
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13X41F0015	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	37	41	1
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13X41F0015	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	34	30	1
13X41F0015	MC135A	UML LAB	38	59	1
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13X41F0016	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	36	28	1
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13X41F0016	MC135B	NETWORK PROGRAMMING LAB	38	55	1
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13X41F0020	MC135B	NETWORK PROGRAMMING LAB	35	57	1
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13X41F0023	MC1351	INFORMATION SECURITY	28	42	1
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13X41F0023	MC135B	NETWORK PROGRAMMING LAB	36	53	1
13X41F0024	MC1351	INFORMATION SECURITY	33	46	1
13X41F0024	MC1352	NETWORK PROGRAMMING	30	29	1
13X41F0024	MC1353	OBJECT ORIENTED ANALYSIS AND DESIGN (USI	36	31	1
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13X41F0024	MC1359	SOFTWARE PROJECT MANAGEMENT ELECTIVE-IV	33	29	1
13X41F0024	MC135A	UML LAB	36	53	1
13X41F0024	MC135B	NETWORK PROGRAMMING LAB	38	55	1
13X41F0025	MC1351	INFORMATION SECURITY	27	29	1
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13X41F0025	MC135B	NETWORK PROGRAMMING LAB	35	54	1

**Note:1)For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only)

**NOTE:2 [Please inform to the students enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

PRINCIPAL
S.R.K. INSTITUTE OF TECHNOLO
ENIKEPADU,
VIJAYAWADA-521 108.

**NOTE:3 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation:09-04-2016]

**NOTE:4 [Date for Applications Submission of Recounting/Revaluation/Challenge By Revaluation to the University : 11-04-2016]

Date:01-04-2016

Controller of Examinations

Y

Discrepancy pertaining to these results are to be submitted on or before 07-10-2016 with following documents at CE(PG) Office,JNTUK,Kakinada

- Online Registration Proof
- Hallticket
- DForm(Online)
- DForm(Offline)
- Attendance Sheet
- Any Other supporting Documents

Htno	Subcode	Subname	Internal	External	credits
14X41E0001	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	37	30	3
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14X41E0001	MB1347	CONSUMER BEHAVIOR	34	32	3
14X41E0001	MB1348	FINANCIAL RISK MANAGEMENT	36	30	3
14X41E0002	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	35	30	3
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14X41E0003	MB1343	SERVICES MARKETING	36	36	3
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14X41E0006	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	39	31	3
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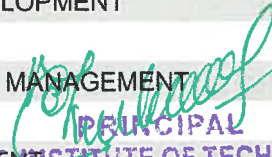
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14X41E0007	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	35	35	3
14X41E0007	MB1347	CONSUMER BEHAVIOR	31	32	3
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14X41E0009	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	32	33	3
14X41E0009	MB1342	ENTREPRENEURSHIP DEVELOPMENT	32	39	3
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14X41E0009	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	32	28	3
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14X41E0014	MB1342	ENTREPRENEURSHIP DEVELOPMENT	39	44	3
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14X41E0014	MB1347	CONSUMER BEHAVIOR	37	40	3
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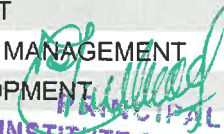
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14X41E0015	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	40	27	3
14X41E0015	MB1347	CONSUMER BEHAVIOR	36	33	3
14X41E0015	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	40	24	3
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14X41E0020	MB1342	ENTREPRENEURSHIP DEVELOPMENT	28	42	3
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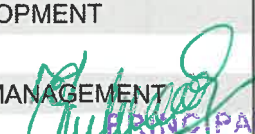
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14X41E0028	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	37	33	3
14X41E0028	MB1347	CONSUMER BEHAVIOR	36	36	3
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14X41E0033	MB1342	ENTREPRENEURSHIP DEVELOPMENT	27	36	3
14X41E0033	MB1343	SERVICES MARKETING	29	24	3
14X41E0033	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	26	24	3
14X41E0033	MB1347	CONSUMER BEHAVIOR	27	24	3
14X41E0033	MB1348	FINANCIAL RISK MANAGEMENT	26	26	3
14X41E0034	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	31	28	3
14X41E0034	MB1342	ENTREPRENEURSHIP DEVELOPMENT	31	37	3
14X41E0034	MB1343	SERVICES MARKETING	32	28	3
14X41E0034	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	31	25	3
14X41E0034	MB1347	CONSUMER BEHAVIOR	29	28	3
14X41E0034	MB1348	FINANCIAL RISK MANAGEMENT	30	34	3
14X41E0035	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	31	29	3

Htno	Subcode	Subname	Internal	External	credits
14X41E0035	MB1342	ENTREPRENEURSHIP DEVELOPMENT	28	40	3
14X41E0035	MB1343	SERVICES MARKETING	31	28	3
14X41E0035	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	31	27	3
14X41E0035	MB1347	CONSUMER BEHAVIOR	28	24	3
14X41E0035	MB1348	FINANCIAL RISK MANAGEMENT	30	28	3
14X41E0036	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	31	25	3
14X41E0036	MB1342	ENTREPRENEURSHIP DEVELOPMENT	30	40	3
14X41E0036	MB1343	SERVICES MARKETING	32	31	3
14X41E0036	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	28	27	3
14X41E0036	MB1347	CONSUMER BEHAVIOR	30	34	3
14X41E0036	MB1348	FINANCIAL RISK MANAGEMENT	32	27	3
14X41E0037	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	35	26	3
14X41E0037	MB1342	ENTREPRENEURSHIP DEVELOPMENT	31	35	3
14X41E0037	MB1343	SERVICES MARKETING	33	31	3
14X41E0037	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	34	27	3
14X41E0037	MB1347	CONSUMER BEHAVIOR	30	25	3
14X41E0037	MB1348	FINANCIAL RISK MANAGEMENT	34	31	3
14X41E0038	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	35	28	3
14X41E0038	MB1342	ENTREPRENEURSHIP DEVELOPMENT	38	40	3
14X41E0038	MB1343	SERVICES MARKETING	37	35	3
14X41E0038	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	31	37	3
14X41E0038	MB1347	CONSUMER BEHAVIOR	34	29	3
14X41E0038	MB1348	FINANCIAL RISK MANAGEMENT	35	32	3
14X41E0039	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	32	25	3
14X41E0039	MB1342	ENTREPRENEURSHIP DEVELOPMENT	29	38	3
14X41E0039	MB1343	SERVICES MARKETING	32	30	3
14X41E0039	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	31	24	3
14X41E0039	MB1347	CONSUMER BEHAVIOR	32	26	3
14X41E0039	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	31	24	3
14X41E0040	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	33	24	3
14X41E0040	MB1342	ENTREPRENEURSHIP DEVELOPMENT	31	34	3
14X41E0040	MB1343	SERVICES MARKETING	33	27	3
14X41E0040	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	32	26	3
14X41E0040	MB1347	CONSUMER BEHAVIOR	31	24	3
14X41E0040	MB1348	FINANCIAL RISK MANAGEMENT	31	28	3
14X41E0041	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	32	30	3
14X41E0041	MB1342	ENTREPRENEURSHIP DEVELOPMENT	34	44	3
14X41E0041	MB1343	SERVICES MARKETING	35	32	3
14X41E0041	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	34	24	3
14X41E0041	MB1347	CONSUMER BEHAVIOR	31	29	3
14X41E0041	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	36	24	3
14X41E0042	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	31	33	3
14X41E0042	MB1342	ENTREPRENEURSHIP DEVELOPMENT	31	42	3
14X41E0042	MB1343	SERVICES MARKETING	34	29	3
14X41E0042	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	29	35	3
14X41E0042	MB1347	CONSUMER BEHAVIOR	30	24	3
14X41E0042	MB1348	FINANCIAL RISK MANAGEMENT	29	28	3
14X41E0045	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	37	29	3
14X41E0045	MB1342	ENTREPRENEURSHIP DEVELOPMENT	36	40	3
14X41E0045	MB1343	SERVICES MARKETING	35	28	3
14X41E0045	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	34	28	3

Htno	Subcode	Subname	Internal	External	credits
14X41E0045	MB1347	CONSUMER BEHAVIOR	31	26	3
14X41E0045	MB1348	FINANCIAL RISK MANAGEMENT	36	28	3
14X41E0046	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	37	29	3
14X41E0046	MB1342	ENTREPRENEURSHIP DEVELOPMENT	39	41	3
14X41E0046	MB1343	SERVICES MARKETING	38	36	3
14X41E0046	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	39	33	3
14X41E0046	MB1347	CONSUMER BEHAVIOR	29	27	3
14X41E0046	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	40	24	3
14X41E0047	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	36	31	3
14X41E0047	MB1342	ENTREPRENEURSHIP DEVELOPMENT	35	42	3
14X41E0047	MB1343	SERVICES MARKETING	38	48	3
14X41E0047	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	33	29	3
14X41E0047	MB1347	CONSUMER BEHAVIOR	34	26	3
14X41E0047	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	38	30	3
14X41E0048	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	35	24	3
14X41E0048	MB1342	ENTREPRENEURSHIP DEVELOPMENT	32	43	3
14X41E0048	MB1343	SERVICES MARKETING	35	28	3
14X41E0048	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	26	31	3
14X41E0048	MB1347	CONSUMER BEHAVIOR	31	28	3
14X41E0048	MB1348	FINANCIAL RISK MANAGEMENT	33	29	3
14X41E0049	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	30	11	0
14X41E0049	MB1342	ENTREPRENEURSHIP DEVELOPMENT	27	40	3
14X41E0049	MB1343	SERVICES MARKETING	33	25	3
14X41E0049	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	26	24	3
14X41E0049	MB1347	CONSUMER BEHAVIOR	29	13	0
14X41E0049	MB1348	FINANCIAL RISK MANAGEMENT	27	27	3
14X41E0050	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	30	25	3
14X41E0050	MB1342	ENTREPRENEURSHIP DEVELOPMENT	29	32	3
14X41E0050	MB1343	SERVICES MARKETING	34	26	3
14X41E0050	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	31	30	3
14X41E0050	MB1347	CONSUMER BEHAVIOR	29	25	3
14X41E0050	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	31	24	3
14X41E0051	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	38	31	3
14X41E0051	MB1342	ENTREPRENEURSHIP DEVELOPMENT	35	48	3
14X41E0051	MB1343	SERVICES MARKETING	39	42	3
14X41E0051	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	35	37	3
14X41E0051	MB1347	CONSUMER BEHAVIOR	27	37	3
14X41E0051	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	37	27	3
14X41E0052	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	40	33	3
14X41E0052	MB1342	ENTREPRENEURSHIP DEVELOPMENT	40	44	3
14X41E0052	MB1343	SERVICES MARKETING	38	40	3
14X41E0052	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	40	29	3
14X41E0052	MB1347	CONSUMER BEHAVIOR	37	33	3
14X41E0052	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	39	25	3
14X41E0053	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	28	32	3
14X41E0053	MB1342	ENTREPRENEURSHIP DEVELOPMENT	26	37	3
14X41E0053	MB1343	SERVICES MARKETING	29	36	3
14X41E0053	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	26	30	3
14X41E0053	MB1347	CONSUMER BEHAVIOR	28	31	3
14X41E0053	MB1348	FINANCIAL RISK MANAGEMENT		28	3
14X41E0054	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	37	32	3

Htno	Subcode	Subname	Internal	External	credits
14X41E0054	MB1342	ENTREPRENEURSHIP DEVELOPMENT	34	43	3
14X41E0054	MB1343	SERVICES MARKETING	39	37	3
14X41E0054	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	36	30	3
14X41E0054	MB1347	CONSUMER BEHAVIOR	35	31	3
14X41E0054	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	40	24	3
14X41E0055	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	36	42	3
14X41E0055	MB1342	ENTREPRENEURSHIP DEVELOPMENT	34	44	3
14X41E0055	MB1343	SERVICES MARKETING	39	37	3
14X41E0055	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	35	26	3
14X41E0055	MB1347	CONSUMER BEHAVIOR	36	27	3
14X41E0055	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	38	29	3
14X41E0056	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	30	34	3
14X41E0056	MB1342	ENTREPRENEURSHIP DEVELOPMENT	29	37	3
14X41E0056	MB1343	SERVICES MARKETING	34	30	3
14X41E0056	MB1345	GLOBAL HUMAN RESOURCE MANAGEMENT	26	25	3
14X41E0056	MB1347	CONSUMER BEHAVIOR	31	25	3
14X41E0056	MB1349	MANAGEMENT OF CHANGE AND DEVELOPMENT	27	25	3
14X41E0057	MB1341	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	35	37	3
14X41E0057	MB1342	ENTREPRENEURSHIP DEVELOPMENT	35	45	3
14X41E0057	MB1343	SERVICES MARKETING	36	32	3
14X41E0057	MB1344	INTERNATIONAL FINANCIAL MANAGEMENT	30	37	3
14X41E0057	MB1347	CONSUMER BEHAVIOR	33	24	3
14X41E0057	MB1348	FINANCIAL RISK MANAGEMENT	34	30	3

**Note:1)For Recounting/Revaluation/Challenge By Revaluation Apply through Online(www.jntukresults.edu.in))

NOTE:2 [Last Date for Apply Recounting/Revaluation/Challenge By Revaluation: **14-10-2016]

**NOTE:3 [Please inform to the students to enter these subject codes for applying Recounting/Revaluation/Challenge By Revaluation]

**NOTE:4
[-1 in the filed of externals indicates student absent for the respective subject.

-2 in the filed of externals indicates student result is withheld for the respective subject.

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

Date:30-09-2016

PRINCIPAL Controller of Examinations
S.R.K. INSTITUTE OF TECHNOLOGY
ENIKEPADU,
VIJAYAWADA-521 108.