



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Results for IV B.TECH II Semester regular/supply Examinations april-2013

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

Htno	Subcode	Subname	Internal	External	credits
07BJ1A0236	K0221	UTILIZATION OF ELECTRICAL ENERGY	13	20	0
07BJ1A0236	K0223	DIGITAL CONTROL SYSTEMS	-1	49	4
07BJ1A0236	K0227	DATABASE MANAGEMENT SYSTEMS	5	38	4
07BJ1A0236	K0228	SEMINAR	48	0	2
07BJ1A0236	K0229	INDUSTRY ORIENTED MINI PROJECT	0	45	2
07BJ1A0236	K0230	COMPREHENSIVE VIVA	0	77	2
07BJ1A0236	K0231	PROJECT WORK	38	142	10
07BJ1A0237	K0221	UTILIZATION OF ELECTRICAL ENERGY	2	15	0
07BJ1A0237	K0227	DATABASE MANAGEMENT SYSTEMS	10	33	4
07BJ1A0239	K0221	UTILIZATION OF ELECTRICAL ENERGY	8	22	0
07BJ1A0245	K0221	UTILIZATION OF ELECTRICAL ENERGY	12	48	4
07BJ1A0245	K0222	ADVANCED CONTROL SYSTEMS	13	36	4
07BJ1A0245	K0227	DATABASE MANAGEMENT SYSTEMS	12	31	4
07BJ1A0246	K0227	DATABASE MANAGEMENT SYSTEMS	10	43	4
07BJ1A0259	K0221	UTILIZATION OF ELECTRICAL ENERGY	8	-1	0
07BJ1A0259	K0222	ADVANCED CONTROL SYSTEMS	10	-1	0
07BJ1A0259	K0227	DATABASE MANAGEMENT SYSTEMS	3	-1	0
07BJ1A0453	K0421	OPTICAL COMMUNICATIONS	19	45	4
07BJ1A0503	L0521	MANAGEMENT SCIENCE	9	31	4
07BJ1A0503	L0522	DESIGN PATTERNS	6	36	4
07BJ1A1229	L0521	MANAGEMENT SCIENCE	16	-1	0
07BJ1A1229	L0522	DESIGN PATTERNS	9	-1	0
07BJ1A1244	L0521	MANAGEMENT SCIENCE	9	14	0
07BJ1A1244	L0522	DESIGN PATTERNS	4	13	0
08BJ1A0206	K0221	UTILIZATION OF ELECTRICAL ENERGY	12	35	4
08BJ1A0206	K0227	DATABASE MANAGEMENT SYSTEMS	13	36	4
08BJ1A0211	K0221	UTILIZATION OF ELECTRICAL ENERGY	14	29	4
08BJ1A0211	K0222	ADVANCED CONTROL SYSTEMS	8	52	4
08BJ1A0211	K0227	DATABASE MANAGEMENT SYSTEMS	13	39	4
08BJ1A0214	K0221	UTILIZATION OF ELECTRICAL ENERGY	12	37	4
08BJ1A0215	K0227	DATABASE MANAGEMENT SYSTEMS	15	46	4
08BJ1A0228	K0221	UTILIZATION OF ELECTRICAL ENERGY	14	42	4
08BJ1A0228	K0227	DATABASE MANAGEMENT SYSTEMS	15	41	4
08BJ1A0244	K0221	UTILIZATION OF ELECTRICAL ENERGY	11	-1	0
08BJ1A0404	K0421	OPTICAL COMMUNICATIONS	18	50	4
08BJ1A0404	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	20	0
08BJ1A0411	K0421	OPTICAL COMMUNICATIONS	15	16	0
08BJ1A0411	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	44	4
08BJ1A0415	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	41	4
08BJ1A0421	K0421	OPTICAL COMMUNICATIONS	16	53	4
08BJ1A0421	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	41	4
08BJ1A0431	K0421	OPTICAL COMMUNICATIONS	16	-1	0
08BJ1A0431	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	13	0	0
08BJ1A0432	K0421	OPTICAL COMMUNICATIONS	16	38	4

Htno	Subcode	Subname	Internal	External	credits
08BJ1A0441	K0421	OPTICAL COMMUNICATIONS	14	17	0
08BJ1A0443	L0421	EMBEDDED AND REAL TIME SYSTEMS	16	51	4
08BJ1A0443	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	30	4
08BJ1A0445	K0421	OPTICAL COMMUNICATIONS	12	44	4
08BJ1A0445	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	15	34	4
08BJ1A0447	K0421	OPTICAL COMMUNICATIONS	16	47	4
08BJ1A0448	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	51	4
08BJ1A0450	K0421	OPTICAL COMMUNICATIONS	18	32	4
08BJ1A0450	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
08BJ1A0450	K0425	SEMINAR	48	0	2
08BJ1A0450	K0426	PROJECT WORK	37	135	10
08BJ1A0450	K0427	COMPREHENSIVE VIVA	0	96	2
08BJ1A0450	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	33	4
08BJ1A0450	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	12	32	4
08BJ1A0458	K0421	OPTICAL COMMUNICATIONS	16	12	0
08BJ1A0458	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	41	4
08BJ1A0506	K0522	E-COMMERCE	15	0	0
08BJ1A0506	L0521	MANAGEMENT SCIENCE	15	8	0
08BJ1A0510	K0522	E-COMMERCE	15	12	0
08BJ1A0510	L0522	DESIGN PATTERNS	11	44	4
08BJ1A0521	L0522	DESIGN PATTERNS	10	31	4
08BJ1A0524	K0526	INDUSTRY ORIENTED MINI PROJECT	0	0	0
08BJ1A0524	K0528	PROJECT WORK	-1	0	0
08BJ1A0524	K0529	COMPREHENSIVE VIVA	0	0	0
08BJ1A0531	K0522	E-COMMERCE	13	17	0
08BJ1A0531	L0521	MANAGEMENT SCIENCE	11	34	4
08BJ1A0531	L0522	DESIGN PATTERNS	8	40	4
08BJ1A0532	L0521	MANAGEMENT SCIENCE	15	35	4
08BJ1A0532	L0522	DESIGN PATTERNS	12	37	4
08BJ1A0537	L0522	DESIGN PATTERNS	15	35	4
08BJ1A0545	L0521	MANAGEMENT SCIENCE	15	41	4
08BJ1A0559	L0522	DESIGN PATTERNS	16	15	0
08BJ1A0560	L0521	MANAGEMENT SCIENCE	18	30	4
08BJ1A0563	K0527	SEMINAR	-1	0	0
08BJ1A0564	K0526	INDUSTRY ORIENTED MINI PROJECT	0	0	0
08BJ1A0564	K0528	PROJECT WORK	-1	0	0
08BJ1A0564	K0529	COMPREHENSIVE VIVA	0	0	0
08BJ1A0565	K0527	SEMINAR	-1	0	0
08BJ1A1203	K1222	NETWORK MANAGEMENT SYSTEMS	19	28	4
08BJ1A1203	L0521	MANAGEMENT SCIENCE	17	35	4
08BJ1A1218	L0522	DESIGN PATTERNS	13	29	4
08BJ1A1234	K1222	NETWORK MANAGEMENT SYSTEMS	18	29	4
08BJ1A1236	K1222	NETWORK MANAGEMENT SYSTEMS	15	30	4
08BJ1A1236	L0521	MANAGEMENT SCIENCE	16	35	4
08BJ1A1236	L0522	DESIGN PATTERNS	15	40	4
08BJ1A1247	K1222	NETWORK MANAGEMENT SYSTEMS	16	18	0
08BJ1A1255	K1222	NETWORK MANAGEMENT SYSTEMS	16	35	4
08BJ1A1255	L0521	MANAGEMENT SCIENCE	14	35	4
08BJ1A1255	L0522	DESIGN PATTERNS	15	41	4
08BJ5A0201	K0222	ADVANCED CONTROL SYSTEMS	11	31	4
08BJ5A0201	K0227	DATABASE MANAGEMENT SYSTEMS	11	34	4

Htno	Subcode	Subname	Internal	External	credits
08BJ5A0401	L0421	EMBEDDED AND REAL TIME SYSTEMS	13	51	4
08BJ5A0401	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	15	43	4
08BJ5A0404	K0421	OPTICAL COMMUNICATIONS	10	39	4
08BJ5A0404	L0421	EMBEDDED AND REAL TIME SYSTEMS	11	61	4
08BJ5A0404	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	39	4
08BJ5A0502	L0521	MANAGEMENT SCIENCE	7	28	0
08BJ5A0502	L0522	DESIGN PATTERNS	14	28	4
09761A0350	K0321	PRODUCTION PLANNING AND CONTROL	20	35	4
09761A0350	K0323	TRIBOLOGY	18	45	3
09761A0350	K0327	AUTOMATION IN MANUFACTURING	20	49	3
09761A0350	K0330	CAD/CAM LAB	24	50	2
09761A0350	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09761A0350	K0332	SEMINAR	47	0	2
09761A0350	K0333	PROJECT WORK	39	159	10
09761A0350	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0202	K0221	UTILIZATION OF ELECTRICAL ENERGY	19	50	4
09BJ1A0202	K0222	ADVANCED CONTROL SYSTEMS	18	37	4
09BJ1A0202	K0227	DATABASE MANAGEMENT SYSTEMS	20	10	0
09BJ1A0202	K0228	SEMINAR	49	0	2
09BJ1A0202	K0229	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0202	K0230	COMPREHENSIVE VIVA	0	95	2
09BJ1A0202	K0231	PROJECT WORK	39	155	10
09BJ1A0203	K0221	UTILIZATION OF ELECTRICAL ENERGY	19	43	4
09BJ1A0203	K0222	ADVANCED CONTROL SYSTEMS	18	54	4
09BJ1A0203	K0227	DATABASE MANAGEMENT SYSTEMS	18	9	0
09BJ1A0203	K0228	SEMINAR	49	0	2
09BJ1A0203	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0203	K0230	COMPREHENSIVE VIVA	0	87	2
09BJ1A0203	K0231	PROJECT WORK	39	153	10
09BJ1A0204	K0221	UTILIZATION OF ELECTRICAL ENERGY	19	36	4
09BJ1A0204	K0222	ADVANCED CONTROL SYSTEMS	17	43	4
09BJ1A0204	K0227	DATABASE MANAGEMENT SYSTEMS	19	5	0
09BJ1A0204	K0228	SEMINAR	48	0	2
09BJ1A0204	K0229	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0204	K0230	COMPREHENSIVE VIVA	0	95	2
09BJ1A0204	K0231	PROJECT WORK	39	158	10
09BJ1A0205	K0221	UTILIZATION OF ELECTRICAL ENERGY	18	49	4
09BJ1A0205	K0222	ADVANCED CONTROL SYSTEMS	17	39	4
09BJ1A0205	K0227	DATABASE MANAGEMENT SYSTEMS	18	31	4
09BJ1A0205	K0228	SEMINAR	49	0	2
09BJ1A0205	K0229	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0205	K0230	COMPREHENSIVE VIVA	0	94	2
09BJ1A0205	K0231	PROJECT WORK	39	155	10
09BJ1A0206	K0221	UTILIZATION OF ELECTRICAL ENERGY	14	45	4
09BJ1A0206	K0222	ADVANCED CONTROL SYSTEMS	16	37	4
09BJ1A0206	K0227	DATABASE MANAGEMENT SYSTEMS	19	32	4
09BJ1A0206	K0228	SEMINAR	48	0	2
09BJ1A0206	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0206	K0230	COMPREHENSIVE VIVA	0	87	2
09BJ1A0206	K0231	PROJECT WORK	39	153	10
09BJ1A0207	K0221	UTILIZATION OF ELECTRICAL ENERGY	16	37	4

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0207	K0222	ADVANCED CONTROL SYSTEMS	15	33	4
09BJ1A0207	K0227	DATABASE MANAGEMENT SYSTEMS	17	43	4
09BJ1A0207	K0228	SEMINAR	49	0	2
09BJ1A0207	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0207	K0230	COMPREHENSIVE VIVA	0	84	2
09BJ1A0207	K0231	PROJECT WORK	39	149	10
09BJ1A0208	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	28	4
09BJ1A0208	K0222	ADVANCED CONTROL SYSTEMS	17	31	4
09BJ1A0208	K0227	DATABASE MANAGEMENT SYSTEMS	16	33	4
09BJ1A0208	K0228	SEMINAR	48	0	2
09BJ1A0208	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0208	K0230	COMPREHENSIVE VIVA	0	83	2
09BJ1A0208	K0231	PROJECT WORK	39	150	10
09BJ1A0210	K0221	UTILIZATION OF ELECTRICAL ENERGY	16	17	0
09BJ1A0210	K0222	ADVANCED CONTROL SYSTEMS	13	34	4
09BJ1A0210	K0227	DATABASE MANAGEMENT SYSTEMS	17	14	0
09BJ1A0210	K0228	SEMINAR	49	0	2
09BJ1A0210	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0210	K0230	COMPREHENSIVE VIVA	0	83	2
09BJ1A0210	K0231	PROJECT WORK	39	151	10
09BJ1A0211	K0221	UTILIZATION OF ELECTRICAL ENERGY	18	61	4
09BJ1A0211	K0222	ADVANCED CONTROL SYSTEMS	17	40	4
09BJ1A0211	K0227	DATABASE MANAGEMENT SYSTEMS	17	6	0
09BJ1A0211	K0228	SEMINAR	48	0	2
09BJ1A0211	K0229	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0211	K0230	COMPREHENSIVE VIVA	0	97	2
09BJ1A0211	K0231	PROJECT WORK	39	156	10
09BJ1A0212	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	34	4
09BJ1A0212	K0222	ADVANCED CONTROL SYSTEMS	16	39	4
09BJ1A0212	K0227	DATABASE MANAGEMENT SYSTEMS	16	48	4
09BJ1A0212	K0228	SEMINAR	48	0	2
09BJ1A0212	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0212	K0230	COMPREHENSIVE VIVA	0	93	2
09BJ1A0212	K0231	PROJECT WORK	39	153	10
09BJ1A0214	K0221	UTILIZATION OF ELECTRICAL ENERGY	18	28	4
09BJ1A0214	K0222	ADVANCED CONTROL SYSTEMS	15	34	4
09BJ1A0214	K0227	DATABASE MANAGEMENT SYSTEMS	18	34	4
09BJ1A0214	K0228	SEMINAR	48	0	2
09BJ1A0214	K0229	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0214	K0230	COMPREHENSIVE VIVA	0	97	2
09BJ1A0214	K0231	PROJECT WORK	39	157	10
09BJ1A0216	K0221	UTILIZATION OF ELECTRICAL ENERGY	15	51	4
09BJ1A0216	K0222	ADVANCED CONTROL SYSTEMS	13	33	4
09BJ1A0216	K0227	DATABASE MANAGEMENT SYSTEMS	17	11	0
09BJ1A0216	K0228	SEMINAR	49	0	2
09BJ1A0216	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0216	K0230	COMPREHENSIVE VIVA	0	89	2
09BJ1A0216	K0231	PROJECT WORK	39	150	10
09BJ1A0217	K0221	UTILIZATION OF ELECTRICAL ENERGY	18	53	4
09BJ1A0217	K0222	ADVANCED CONTROL SYSTEMS	14	37	4
09BJ1A0217	K0227	DATABASE MANAGEMENT SYSTEMS	19	4	0

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0217	K0228	SEMINAR	48	0	2
09BJ1A0217	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0217	K0230	COMPREHENSIVE VIVA	0	93	2
09BJ1A0217	K0231	PROJECT WORK	38	150	10
09BJ1A0218	K0221	UTILIZATION OF ELECTRICAL ENERGY	18	47	4
09BJ1A0218	K0222	ADVANCED CONTROL SYSTEMS	15	36	4
09BJ1A0218	K0227	DATABASE MANAGEMENT SYSTEMS	14	12	0
09BJ1A0218	K0228	SEMINAR	49	0	2
09BJ1A0218	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0218	K0230	COMPREHENSIVE VIVA	0	80	2
09BJ1A0218	K0231	PROJECT WORK	39	148	10
09BJ1A0219	K0221	UTILIZATION OF ELECTRICAL ENERGY	19	48	4
09BJ1A0219	K0222	ADVANCED CONTROL SYSTEMS	18	38	4
09BJ1A0219	K0227	DATABASE MANAGEMENT SYSTEMS	19	28	4
09BJ1A0219	K0228	SEMINAR	49	0	2
09BJ1A0219	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0219	K0230	COMPREHENSIVE VIVA	0	86	2
09BJ1A0219	K0231	PROJECT WORK	39	148	10
09BJ1A0220	K0221	UTILIZATION OF ELECTRICAL ENERGY	14	3	0
09BJ1A0220	K0222	ADVANCED CONTROL SYSTEMS	14	31	4
09BJ1A0220	K0227	DATABASE MANAGEMENT SYSTEMS	16	14	0
09BJ1A0220	K0228	SEMINAR	49	0	2
09BJ1A0220	K0229	INDUSTRY ORIENTED MINI PROJECT	0	42	2
09BJ1A0220	K0230	COMPREHENSIVE VIVA	0	83	2
09BJ1A0220	K0231	PROJECT WORK	38	145	10
09BJ1A0222	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	38	4
09BJ1A0222	K0222	ADVANCED CONTROL SYSTEMS	18	51	4
09BJ1A0222	K0227	DATABASE MANAGEMENT SYSTEMS	16	48	4
09BJ1A0222	K0228	SEMINAR	49	0	2
09BJ1A0222	K0229	INDUSTRY ORIENTED MINI PROJECT	0	40	2
09BJ1A0222	K0230	COMPREHENSIVE VIVA	0	88	2
09BJ1A0222	K0231	PROJECT WORK	39	144	10
09BJ1A0223	K0221	UTILIZATION OF ELECTRICAL ENERGY	16	53	4
09BJ1A0223	K0222	ADVANCED CONTROL SYSTEMS	17	43	4
09BJ1A0223	K0227	DATABASE MANAGEMENT SYSTEMS	18	0	0
09BJ1A0223	K0228	SEMINAR	48	0	2
09BJ1A0223	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0223	K0230	COMPREHENSIVE VIVA	0	84	2
09BJ1A0223	K0231	PROJECT WORK	39	150	10
09BJ1A0224	K0221	UTILIZATION OF ELECTRICAL ENERGY	20	38	4
09BJ1A0224	K0222	ADVANCED CONTROL SYSTEMS	18	45	4
09BJ1A0224	K0227	DATABASE MANAGEMENT SYSTEMS	18	7	0
09BJ1A0224	K0228	SEMINAR	49	0	2
09BJ1A0224	K0229	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0224	K0230	COMPREHENSIVE VIVA	0	97	2
09BJ1A0224	K0231	PROJECT WORK	39	158	10
09BJ1A0225	K0221	UTILIZATION OF ELECTRICAL ENERGY	9	52	4
09BJ1A0225	K0222	ADVANCED CONTROL SYSTEMS	10	54	4
09BJ1A0225	K0227	DATABASE MANAGEMENT SYSTEMS	8	47	4
09BJ1A0225	K0228	SEMINAR	48	0	2
09BJ1A0225	K0229	INDUSTRY ORIENTED MINI PROJECT	0	47	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0225	K0230	COMPREHENSIVE VIVA	0	95	2
09BJ1A0225	K0231	PROJECT WORK	39	156	10
09BJ1A0226	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	8	0
09BJ1A0226	K0222	ADVANCED CONTROL SYSTEMS	17	31	4
09BJ1A0226	K0227	DATABASE MANAGEMENT SYSTEMS	19	14	0
09BJ1A0226	K0228	SEMINAR	48	0	2
09BJ1A0226	K0229	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0226	K0230	COMPREHENSIVE VIVA	0	95	2
09BJ1A0226	K0231	PROJECT WORK	39	157	10
09BJ1A0227	K0221	UTILIZATION OF ELECTRICAL ENERGY	16	46	4
09BJ1A0227	K0222	ADVANCED CONTROL SYSTEMS	14	31	4
09BJ1A0227	K0227	DATABASE MANAGEMENT SYSTEMS	16	0	0
09BJ1A0227	K0228	SEMINAR	49	0	2
09BJ1A0227	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0227	K0230	COMPREHENSIVE VIVA	0	86	2
09BJ1A0227	K0231	PROJECT WORK	39	150	10
09BJ1A0228	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	29	4
09BJ1A0228	K0222	ADVANCED CONTROL SYSTEMS	12	32	4
09BJ1A0228	K0227	DATABASE MANAGEMENT SYSTEMS	18	33	4
09BJ1A0228	K0228	SEMINAR	49	0	2
09BJ1A0228	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0228	K0230	COMPREHENSIVE VIVA	0	89	2
09BJ1A0228	K0231	PROJECT WORK	38	152	10
09BJ1A0229	K0221	UTILIZATION OF ELECTRICAL ENERGY	14	2	0
09BJ1A0229	K0222	ADVANCED CONTROL SYSTEMS	12	31	4
09BJ1A0229	K0227	DATABASE MANAGEMENT SYSTEMS	11	15	0
09BJ1A0229	K0228	SEMINAR	48	0	2
09BJ1A0229	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0229	K0230	COMPREHENSIVE VIVA	0	85	2
09BJ1A0229	K0231	PROJECT WORK	39	145	10
09BJ1A0230	K0221	UTILIZATION OF ELECTRICAL ENERGY	14	43	4
09BJ1A0230	K0222	ADVANCED CONTROL SYSTEMS	11	52	4
09BJ1A0230	K0227	DATABASE MANAGEMENT SYSTEMS	13	63	4
09BJ1A0230	K0228	SEMINAR	48	0	2
09BJ1A0230	K0229	INDUSTRY ORIENTED MINI PROJECT	0	45	2
09BJ1A0230	K0230	COMPREHENSIVE VIVA	0	85	2
09BJ1A0230	K0231	PROJECT WORK	39	143	10
09BJ1A0232	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	38	4
09BJ1A0232	K0222	ADVANCED CONTROL SYSTEMS	11	41	4
09BJ1A0232	K0227	DATABASE MANAGEMENT SYSTEMS	16	36	4
09BJ1A0232	K0228	SEMINAR	49	0	2
09BJ1A0232	K0229	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0232	K0230	COMPREHENSIVE VIVA	0	94	2
09BJ1A0232	K0231	PROJECT WORK	39	155	10
09BJ1A0301	K0321	PRODUCTION PLANNING AND CONTROL	20	8	0
09BJ1A0301	K0323	TRIBOLOGY	18	56	3
09BJ1A0301	K0327	AUTOMATION IN MANUFACTURING	20	42	3
09BJ1A0301	K0330	CAD/CAM LAB	24	48	2
09BJ1A0301	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0301	K0332	SEMINAR	49	0	2
09BJ1A0301	K0333	PROJECT WORK	40	159	10

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0301	K0334	COMPREHENSIVE VIVA	0	100	2
09BJ1A0302	K0321	PRODUCTION PLANNING AND CONTROL	19	38	4
09BJ1A0302	K0323	TRIBOLOGY	15	28	3
09BJ1A0302	K0327	AUTOMATION IN MANUFACTURING	19	22	0
09BJ1A0302	K0330	CAD/CAM LAB	23	47	2
09BJ1A0302	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0302	K0332	SEMINAR	48	0	2
09BJ1A0302	K0333	PROJECT WORK	39	158	10
09BJ1A0302	K0334	COMPREHENSIVE VIVA	0	97	2
09BJ1A0303	K0321	PRODUCTION PLANNING AND CONTROL	19	13	0
09BJ1A0303	K0323	TRIBOLOGY	16	54	3
09BJ1A0303	K0327	AUTOMATION IN MANUFACTURING	19	29	3
09BJ1A0303	K0330	CAD/CAM LAB	22	46	2
09BJ1A0303	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0303	K0332	SEMINAR	50	0	2
09BJ1A0303	K0333	PROJECT WORK	40	155	10
09BJ1A0303	K0334	COMPREHENSIVE VIVA	0	96	2
09BJ1A0304	K0321	PRODUCTION PLANNING AND CONTROL	19	35	4
09BJ1A0304	K0323	TRIBOLOGY	16	14	0
09BJ1A0304	K0327	AUTOMATION IN MANUFACTURING	20	31	3
09BJ1A0304	K0330	CAD/CAM LAB	21	45	2
09BJ1A0304	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0304	K0332	SEMINAR	47	0	2
09BJ1A0304	K0333	PROJECT WORK	37	160	10
09BJ1A0304	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0305	K0321	PRODUCTION PLANNING AND CONTROL	20	38	4
09BJ1A0305	K0323	TRIBOLOGY	18	54	3
09BJ1A0305	K0327	AUTOMATION IN MANUFACTURING	20	43	3
09BJ1A0305	K0330	CAD/CAM LAB	25	48	2
09BJ1A0305	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0305	K0332	SEMINAR	49	0	2
09BJ1A0305	K0333	PROJECT WORK	39	158	10
09BJ1A0305	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0306	K0321	PRODUCTION PLANNING AND CONTROL	0	-1	0
09BJ1A0306	K0323	TRIBOLOGY	4	-1	0
09BJ1A0306	K0327	AUTOMATION IN MANUFACTURING	7	-1	0
09BJ1A0306	K0330	CAD/CAM LAB	-1	-1	0
09BJ1A0306	K0331	INDUSTRY ORIENTED MINI PROJECT	0	-1	0
09BJ1A0306	K0332	SEMINAR	-1	0	0
09BJ1A0306	K0333	PROJECT WORK	-1	-1	0
09BJ1A0306	K0334	COMPREHENSIVE VIVA	0	-1	0
09BJ1A0307	K0321	PRODUCTION PLANNING AND CONTROL	18	-1	0
09BJ1A0307	K0323	TRIBOLOGY	15	-1	0
09BJ1A0307	K0327	AUTOMATION IN MANUFACTURING	19	-1	0
09BJ1A0307	K0330	CAD/CAM LAB	20	-1	0
09BJ1A0307	K0331	INDUSTRY ORIENTED MINI PROJECT	0	38	2
09BJ1A0307	K0332	SEMINAR	37	0	2
09BJ1A0307	K0333	PROJECT WORK	32	140	10
09BJ1A0307	K0334	COMPREHENSIVE VIVA	0	81	2
09BJ1A0308	K0321	PRODUCTION PLANNING AND CONTROL	19	41	4
09BJ1A0308	K0323	TRIBOLOGY	15	28	3

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0308	K0327	AUTOMATION IN MANUFACTURING	20	39	3
09BJ1A0308	K0330	CAD/CAM LAB	22	47	2
09BJ1A0308	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0308	K0332	SEMINAR	48	0	2
09BJ1A0308	K0333	PROJECT WORK	40	159	10
09BJ1A0308	K0334	COMPREHENSIVE VIVA	0	95	2
09BJ1A0309	K0321	PRODUCTION PLANNING AND CONTROL	19	0	0
09BJ1A0309	K0323	TRIBOLOGY	16	38	3
09BJ1A0309	K0327	AUTOMATION IN MANUFACTURING	19	0	0
09BJ1A0309	K0330	CAD/CAM LAB	22	48	2
09BJ1A0309	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0309	K0332	SEMINAR	50	0	2
09BJ1A0309	K0333	PROJECT WORK	39	158	10
09BJ1A0309	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0310	K0321	PRODUCTION PLANNING AND CONTROL	20	0	0
09BJ1A0310	K0323	TRIBOLOGY	15	31	3
09BJ1A0310	K0327	AUTOMATION IN MANUFACTURING	19	4	0
09BJ1A0310	K0330	CAD/CAM LAB	23	49	2
09BJ1A0310	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0310	K0332	SEMINAR	49	0	2
09BJ1A0310	K0333	PROJECT WORK	40	158	10
09BJ1A0310	K0334	COMPREHENSIVE VIVA	0	97	2
09BJ1A0311	K0321	PRODUCTION PLANNING AND CONTROL	20	9	0
09BJ1A0311	K0323	TRIBOLOGY	16	36	3
09BJ1A0311	K0327	AUTOMATION IN MANUFACTURING	19	38	3
09BJ1A0311	K0330	CAD/CAM LAB	21	48	2
09BJ1A0311	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0311	K0332	SEMINAR	50	0	2
09BJ1A0311	K0333	PROJECT WORK	39	160	10
09BJ1A0311	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0312	K0321	PRODUCTION PLANNING AND CONTROL	19	32	4
09BJ1A0312	K0323	TRIBOLOGY	13	28	3
09BJ1A0312	K0327	AUTOMATION IN MANUFACTURING	11	35	3
09BJ1A0312	K0330	CAD/CAM LAB	22	47	2
09BJ1A0312	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0312	K0332	SEMINAR	48	0	2
09BJ1A0312	K0333	PROJECT WORK	39	159	10
09BJ1A0312	K0334	COMPREHENSIVE VIVA	0	96	2
09BJ1A0313	K0321	PRODUCTION PLANNING AND CONTROL	12	10	0
09BJ1A0313	K0323	TRIBOLOGY	7	40	3
09BJ1A0313	K0327	AUTOMATION IN MANUFACTURING	13	13	0
09BJ1A0313	K0330	CAD/CAM LAB	23	46	2
09BJ1A0313	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0313	K0332	SEMINAR	46	0	2
09BJ1A0313	K0333	PROJECT WORK	36	156	10
09BJ1A0313	K0334	COMPREHENSIVE VIVA	0	97	2
09BJ1A0315	K0321	PRODUCTION PLANNING AND CONTROL	18	33	4
09BJ1A0315	K0323	TRIBOLOGY	17	30	3
09BJ1A0315	K0327	AUTOMATION IN MANUFACTURING	18	36	3
09BJ1A0315	K0330	CAD/CAM LAB	23	45	2
09BJ1A0315	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0315	K0332	SEMINAR	45	0	2
09BJ1A0315	K0333	PROJECT WORK	37	158	10
09BJ1A0315	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0317	K0321	PRODUCTION PLANNING AND CONTROL	19	28	4
09BJ1A0317	K0323	TRIBOLOGY	16	63	3
09BJ1A0317	K0327	AUTOMATION IN MANUFACTURING	20	53	3
09BJ1A0317	K0330	CAD/CAM LAB	22	46	2
09BJ1A0317	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0317	K0332	SEMINAR	48	0	2
09BJ1A0317	K0333	PROJECT WORK	40	157	10
09BJ1A0317	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0318	K0321	PRODUCTION PLANNING AND CONTROL	20	49	4
09BJ1A0318	K0323	TRIBOLOGY	17	51	3
09BJ1A0318	K0327	AUTOMATION IN MANUFACTURING	20	41	3
09BJ1A0318	K0330	CAD/CAM LAB	21	47	2
09BJ1A0318	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0318	K0332	SEMINAR	49	0	2
09BJ1A0318	K0333	PROJECT WORK	39	157	10
09BJ1A0318	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0320	K0321	PRODUCTION PLANNING AND CONTROL	20	0	0
09BJ1A0320	K0323	TRIBOLOGY	15	35	3
09BJ1A0320	K0327	AUTOMATION IN MANUFACTURING	19	0	0
09BJ1A0320	K0330	CAD/CAM LAB	23	48	2
09BJ1A0320	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0320	K0332	SEMINAR	47	0	2
09BJ1A0320	K0333	PROJECT WORK	38	159	10
09BJ1A0320	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0321	K0321	PRODUCTION PLANNING AND CONTROL	20	28	4
09BJ1A0321	K0323	TRIBOLOGY	17	39	3
09BJ1A0321	K0327	AUTOMATION IN MANUFACTURING	17	40	3
09BJ1A0321	K0330	CAD/CAM LAB	24	47	2
09BJ1A0321	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0321	K0332	SEMINAR	48	0	2
09BJ1A0321	K0333	PROJECT WORK	38	158	10
09BJ1A0321	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0322	K0321	PRODUCTION PLANNING AND CONTROL	20	20	0
09BJ1A0322	K0323	TRIBOLOGY	16	69	3
09BJ1A0322	K0327	AUTOMATION IN MANUFACTURING	20	45	3
09BJ1A0322	K0330	CAD/CAM LAB	22	45	2
09BJ1A0322	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0322	K0332	SEMINAR	50	0	2
09BJ1A0322	K0333	PROJECT WORK	40	159	10
09BJ1A0322	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0323	K0321	PRODUCTION PLANNING AND CONTROL	19	41	4
09BJ1A0323	K0323	TRIBOLOGY	16	40	3
09BJ1A0323	K0327	AUTOMATION IN MANUFACTURING	20	30	3
09BJ1A0323	K0330	CAD/CAM LAB	21	44	2
09BJ1A0323	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0323	K0332	SEMINAR	48	0	2
09BJ1A0323	K0333	PROJECT WORK	40	158	10
09BJ1A0323	K0334	COMPREHENSIVE VIVA	0	98	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0324	K0321	PRODUCTION PLANNING AND CONTROL	20	44	4
09BJ1A0324	K0323	TRIBOLOGY	16	48	3
09BJ1A0324	K0327	AUTOMATION IN MANUFACTURING	20	30	3
09BJ1A0324	K0330	CAD/CAM LAB	25	47	2
09BJ1A0324	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0324	K0332	SEMINAR	50	0	2
09BJ1A0324	K0333	PROJECT WORK	40	160	10
09BJ1A0324	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0325	K0321	PRODUCTION PLANNING AND CONTROL	19	41	4
09BJ1A0325	K0323	TRIBOLOGY	16	51	3
09BJ1A0325	K0327	AUTOMATION IN MANUFACTURING	20	55	3
09BJ1A0325	K0330	CAD/CAM LAB	23	48	2
09BJ1A0325	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0325	K0332	SEMINAR	48	0	2
09BJ1A0325	K0333	PROJECT WORK	39	158	10
09BJ1A0325	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0326	K0321	PRODUCTION PLANNING AND CONTROL	17	10	0
09BJ1A0326	K0323	TRIBOLOGY	14	36	3
09BJ1A0326	K0327	AUTOMATION IN MANUFACTURING	20	35	3
09BJ1A0326	K0330	CAD/CAM LAB	22	49	2
09BJ1A0326	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0326	K0332	SEMINAR	49	0	2
09BJ1A0326	K0333	PROJECT WORK	39	160	10
09BJ1A0326	K0334	COMPREHENSIVE VIVA	0	95	2
09BJ1A0327	K0321	PRODUCTION PLANNING AND CONTROL	19	49	4
09BJ1A0327	K0323	TRIBOLOGY	16	40	3
09BJ1A0327	K0327	AUTOMATION IN MANUFACTURING	20	34	3
09BJ1A0327	K0330	CAD/CAM LAB	25	46	2
09BJ1A0327	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0327	K0332	SEMINAR	50	0	2
09BJ1A0327	K0333	PROJECT WORK	40	158	10
09BJ1A0327	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0329	K0321	PRODUCTION PLANNING AND CONTROL	20	43	4
09BJ1A0329	K0323	TRIBOLOGY	17	59	3
09BJ1A0329	K0327	AUTOMATION IN MANUFACTURING	20	30	3
09BJ1A0329	K0330	CAD/CAM LAB	24	44	2
09BJ1A0329	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0329	K0332	SEMINAR	50	0	2
09BJ1A0329	K0333	PROJECT WORK	40	159	10
09BJ1A0329	K0334	COMPREHENSIVE VIVA	0	100	2
09BJ1A0331	K0321	PRODUCTION PLANNING AND CONTROL	19	0	0
09BJ1A0331	K0323	TRIBOLOGY	13	2	0
09BJ1A0331	K0327	AUTOMATION IN MANUFACTURING	19	10	0
09BJ1A0331	K0330	CAD/CAM LAB	21	46	2
09BJ1A0331	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0331	K0332	SEMINAR	47	0	2
09BJ1A0331	K0333	PROJECT WORK	39	158	10
09BJ1A0331	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0333	K0321	PRODUCTION PLANNING AND CONTROL	19	32	4
09BJ1A0333	K0323	TRIBOLOGY	15	43	3
09BJ1A0333	K0327	AUTOMATION IN MANUFACTURING	19	58	3

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0333	K0330	CAD/CAM LAB	22	48	2
09BJ1A0333	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0333	K0332	SEMINAR	50	0	2
09BJ1A0333	K0333	PROJECT WORK	40	160	10
09BJ1A0333	K0334	COMPREHENSIVE VIVA	0	95	2
09BJ1A0334	K0321	PRODUCTION PLANNING AND CONTROL	19	7	0
09BJ1A0334	K0323	TRIBOLOGY	13	0	0
09BJ1A0334	K0327	AUTOMATION IN MANUFACTURING	16	33	3
09BJ1A0334	K0330	CAD/CAM LAB	21	48	2
09BJ1A0334	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0334	K0332	SEMINAR	49	0	2
09BJ1A0334	K0333	PROJECT WORK	39	156	10
09BJ1A0334	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0335	K0321	PRODUCTION PLANNING AND CONTROL	19	31	4
09BJ1A0335	K0323	TRIBOLOGY	17	44	3
09BJ1A0335	K0327	AUTOMATION IN MANUFACTURING	20	30	3
09BJ1A0335	K0330	CAD/CAM LAB	20	47	2
09BJ1A0335	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0335	K0332	SEMINAR	49	0	2
09BJ1A0335	K0333	PROJECT WORK	40	160	10
09BJ1A0335	K0334	COMPREHENSIVE VIVA	0	100	2
09BJ1A0338	K0321	PRODUCTION PLANNING AND CONTROL	20	32	4
09BJ1A0338	K0323	TRIBOLOGY	15	48	3
09BJ1A0338	K0327	AUTOMATION IN MANUFACTURING	19	22	0
09BJ1A0338	K0330	CAD/CAM LAB	21	46	2
09BJ1A0338	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0338	K0332	SEMINAR	50	0	2
09BJ1A0338	K0333	PROJECT WORK	39	157	10
09BJ1A0338	K0334	COMPREHENSIVE VIVA	0	98	2
09BJ1A0339	K0321	PRODUCTION PLANNING AND CONTROL	20	23	0
09BJ1A0339	K0323	TRIBOLOGY	11	38	3
09BJ1A0339	K0327	AUTOMATION IN MANUFACTURING	20	41	3
09BJ1A0339	K0330	CAD/CAM LAB	24	48	2
09BJ1A0339	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0339	K0332	SEMINAR	50	0	2
09BJ1A0339	K0333	PROJECT WORK	39	159	10
09BJ1A0339	K0334	COMPREHENSIVE VIVA	0	100	2
09BJ1A0340	K0321	PRODUCTION PLANNING AND CONTROL	20	34	4
09BJ1A0340	K0323	TRIBOLOGY	14	40	3
09BJ1A0340	K0327	AUTOMATION IN MANUFACTURING	20	63	3
09BJ1A0340	K0330	CAD/CAM LAB	22	49	2
09BJ1A0340	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0340	K0332	SEMINAR	50	0	2
09BJ1A0340	K0333	PROJECT WORK	40	157	10
09BJ1A0340	K0334	COMPREHENSIVE VIVA	0	100	2
09BJ1A0341	K0321	PRODUCTION PLANNING AND CONTROL	20	3	0
09BJ1A0341	K0323	TRIBOLOGY	15	41	3
09BJ1A0341	K0327	AUTOMATION IN MANUFACTURING	18	19	0
09BJ1A0341	K0330	CAD/CAM LAB	23	50	2
09BJ1A0341	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0341	K0332	SEMINAR	49	0	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0341	K0333	PROJECT WORK	40	160	10
09BJ1A0341	K0334	COMPREHENSIVE VIVA	0	99	2
09BJ1A0342	K0321	PRODUCTION PLANNING AND CONTROL	17	7	0
09BJ1A0342	K0323	TRIBOLOGY	13	20	0
09BJ1A0342	K0327	AUTOMATION IN MANUFACTURING	10	18	0
09BJ1A0342	K0330	CAD/CAM LAB	22	49	2
09BJ1A0342	K0331	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0342	K0332	SEMINAR	47	0	2
09BJ1A0342	K0333	PROJECT WORK	39	155	10
09BJ1A0342	K0334	COMPREHENSIVE VIVA	0	97	2
09BJ1A0343	K0321	PRODUCTION PLANNING AND CONTROL	19	22	0
09BJ1A0343	K0323	TRIBOLOGY	16	50	3
09BJ1A0343	K0327	AUTOMATION IN MANUFACTURING	20	35	3
09BJ1A0343	K0330	CAD/CAM LAB	23	48	2
09BJ1A0343	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0343	K0332	SEMINAR	48	0	2
09BJ1A0343	K0333	PROJECT WORK	40	160	10
09BJ1A0343	K0334	COMPREHENSIVE VIVA	0	100	2
09BJ1A0344	K0321	PRODUCTION PLANNING AND CONTROL	20	44	4
09BJ1A0344	K0323	TRIBOLOGY	17	44	3
09BJ1A0344	K0327	AUTOMATION IN MANUFACTURING	20	48	3
09BJ1A0344	K0330	CAD/CAM LAB	25	46	2
09BJ1A0344	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0344	K0332	SEMINAR	50	0	2
09BJ1A0344	K0333	PROJECT WORK	40	154	10
09BJ1A0344	K0334	COMPREHENSIVE VIVA	0	97	2
09BJ1A0401	K0421	OPTICAL COMMUNICATIONS	19	17	0
09BJ1A0401	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0401	K0425	SEMINAR	48	0	2
09BJ1A0401	K0426	PROJECT WORK	39	150	10
09BJ1A0401	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0401	L0421	EMBEDDED AND REAL TIME SYSTEMS	14	59	4
09BJ1A0401	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	35	4
09BJ1A0402	K0421	OPTICAL COMMUNICATIONS	18	48	4
09BJ1A0402	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0402	K0425	SEMINAR	49	0	2
09BJ1A0402	K0426	PROJECT WORK	40	135	10
09BJ1A0402	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0402	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	51	4
09BJ1A0402	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	20	0
09BJ1A0403	K0421	OPTICAL COMMUNICATIONS	20	35	4
09BJ1A0403	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0403	K0425	SEMINAR	48	0	2
09BJ1A0403	K0426	PROJECT WORK	39	154	10
09BJ1A0403	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0403	L0421	EMBEDDED AND REAL TIME SYSTEMS	19	73	4
09BJ1A0403	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	44	4
09BJ1A0404	K0421	OPTICAL COMMUNICATIONS	18	29	4
09BJ1A0404	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0404	K0425	SEMINAR	48	0	2
09BJ1A0404	K0426	PROJECT WORK	39	145	10

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0404	K0427	COMPREHENSIVE VIVA	0	96	2
09BJ1A0404	L0421	EMBEDDED AND REAL TIME SYSTEMS	14	45	4
09BJ1A0404	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	38	4
09BJ1A0405	K0421	OPTICAL COMMUNICATIONS	17	10	0
09BJ1A0405	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0405	K0425	SEMINAR	49	0	2
09BJ1A0405	K0426	PROJECT WORK	40	136	10
09BJ1A0405	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0405	L0421	EMBEDDED AND REAL TIME SYSTEMS	7	39	4
09BJ1A0405	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	28	4
09BJ1A0406	K0421	OPTICAL COMMUNICATIONS	18	32	4
09BJ1A0406	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0406	K0425	SEMINAR	48	0	2
09BJ1A0406	K0426	PROJECT WORK	40	140	10
09BJ1A0406	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0406	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	50	4
09BJ1A0406	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	33	4
09BJ1A0407	K0421	OPTICAL COMMUNICATIONS	20	56	4
09BJ1A0407	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0407	K0425	SEMINAR	50	0	2
09BJ1A0407	K0426	PROJECT WORK	40	145	10
09BJ1A0407	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0407	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	80	4
09BJ1A0407	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	67	4
09BJ1A0408	K0421	OPTICAL COMMUNICATIONS	19	30	4
09BJ1A0408	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0408	K0425	SEMINAR	49	0	2
09BJ1A0408	K0426	PROJECT WORK	39	154	10
09BJ1A0408	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0408	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	36	4
09BJ1A0408	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	31	4
09BJ1A0409	K0421	OPTICAL COMMUNICATIONS	19	17	0
09BJ1A0409	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0409	K0425	SEMINAR	48	0	2
09BJ1A0409	K0426	PROJECT WORK	39	139	10
09BJ1A0409	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0409	L0421	EMBEDDED AND REAL TIME SYSTEMS	15	58	4
09BJ1A0409	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	19	0
09BJ1A0410	K0421	OPTICAL COMMUNICATIONS	19	29	4
09BJ1A0410	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0410	K0425	SEMINAR	48	0	2
09BJ1A0410	K0426	PROJECT WORK	39	143	10
09BJ1A0410	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0410	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	61	4
09BJ1A0410	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	34	4
09BJ1A0413	K0421	OPTICAL COMMUNICATIONS	18	4	0
09BJ1A0413	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0413	K0425	SEMINAR	46	0	2
09BJ1A0413	K0426	PROJECT WORK	37	135	10
09BJ1A0413	K0427	COMPREHENSIVE VIVA	0	95	2
09BJ1A0413	L0421	EMBEDDED AND REAL TIME SYSTEMS	13	18	0

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0413	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	11	0	0
09BJ1A0414	K0421	OPTICAL COMMUNICATIONS	16	12	0
09BJ1A0414	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0414	K0425	SEMINAR	46	0	2
09BJ1A0414	K0426	PROJECT WORK	38	150	10
09BJ1A0414	K0427	COMPREHENSIVE VIVA	0	95	2
09BJ1A0414	L0421	EMBEDDED AND REAL TIME SYSTEMS	11	36	4
09BJ1A0414	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	31	4
09BJ1A0415	K0421	OPTICAL COMMUNICATIONS	20	10	0
09BJ1A0415	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0415	K0425	SEMINAR	49	0	2
09BJ1A0415	K0426	PROJECT WORK	40	138	10
09BJ1A0415	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0415	L0421	EMBEDDED AND REAL TIME SYSTEMS	16	53	4
09BJ1A0415	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	39	4
09BJ1A0416	K0421	OPTICAL COMMUNICATIONS	20	34	4
09BJ1A0416	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0416	K0425	SEMINAR	49	0	2
09BJ1A0416	K0426	PROJECT WORK	40	143	10
09BJ1A0416	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0416	L0421	EMBEDDED AND REAL TIME SYSTEMS	18	56	4
09BJ1A0416	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	40	4
09BJ1A0417	K0421	OPTICAL COMMUNICATIONS	20	0	0
09BJ1A0417	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0417	K0425	SEMINAR	48	0	2
09BJ1A0417	K0426	PROJECT WORK	39	135	10
09BJ1A0417	K0427	COMPREHENSIVE VIVA	0	94	2
09BJ1A0417	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	43	4
09BJ1A0417	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	12	6	0
09BJ1A0418	K0421	OPTICAL COMMUNICATIONS	19	0	0
09BJ1A0418	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0418	K0425	SEMINAR	48	0	2
09BJ1A0418	K0426	PROJECT WORK	39	134	10
09BJ1A0418	K0427	COMPREHENSIVE VIVA	0	94	2
09BJ1A0418	L0421	EMBEDDED AND REAL TIME SYSTEMS	14	33	4
09BJ1A0418	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	11	0
09BJ1A0419	K0421	OPTICAL COMMUNICATIONS	20	34	4
09BJ1A0419	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0419	K0425	SEMINAR	50	0	2
09BJ1A0419	K0426	PROJECT WORK	40	155	10
09BJ1A0419	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0419	L0421	EMBEDDED AND REAL TIME SYSTEMS	19	58	4
09BJ1A0419	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	50	4
09BJ1A0420	K0421	OPTICAL COMMUNICATIONS	18	14	0
09BJ1A0420	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0420	K0425	SEMINAR	48	0	2
09BJ1A0420	K0426	PROJECT WORK	38	135	10
09BJ1A0420	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0420	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	48	4
09BJ1A0420	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	13	21	0
09BJ1A0422	K0421	OPTICAL COMMUNICATIONS	18	0	0

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0422	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0422	K0425	SEMINAR	48	0	2
09BJ1A0422	K0426	PROJECT WORK	38	135	10
09BJ1A0422	K0427	COMPREHENSIVE VIVA	0	96	2
09BJ1A0422	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	52	4
09BJ1A0422	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	0	0
09BJ1A0424	K0421	OPTICAL COMMUNICATIONS	20	29	4
09BJ1A0424	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0424	K0425	SEMINAR	50	0	2
09BJ1A0424	K0426	PROJECT WORK	40	155	10
09BJ1A0424	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0424	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	49	4
09BJ1A0424	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	59	4
09BJ1A0425	K0421	OPTICAL COMMUNICATIONS	20	19	0
09BJ1A0425	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0425	K0425	SEMINAR	49	0	2
09BJ1A0425	K0426	PROJECT WORK	39	153	10
09BJ1A0425	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0425	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	55	4
09BJ1A0425	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	30	4
09BJ1A0426	K0421	OPTICAL COMMUNICATIONS	18	29	4
09BJ1A0426	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0426	K0425	SEMINAR	49	0	2
09BJ1A0426	K0426	PROJECT WORK	40	138	10
09BJ1A0426	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0426	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	65	4
09BJ1A0426	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	28	4
09BJ1A0427	K0421	OPTICAL COMMUNICATIONS	19	0	0
09BJ1A0427	K0424	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0427	K0425	SEMINAR	46	0	2
09BJ1A0427	K0426	PROJECT WORK	39	136	10
09BJ1A0427	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0427	L0421	EMBEDDED AND REAL TIME SYSTEMS	15	44	4
09BJ1A0427	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	15	0
09BJ1A0428	K0421	OPTICAL COMMUNICATIONS	19	15	0
09BJ1A0428	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0428	K0425	SEMINAR	48	0	2
09BJ1A0428	K0426	PROJECT WORK	39	135	10
09BJ1A0428	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0428	L0421	EMBEDDED AND REAL TIME SYSTEMS	15	39	4
09BJ1A0428	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	18	34	4
09BJ1A0430	K0421	OPTICAL COMMUNICATIONS	19	13	0
09BJ1A0430	K0424	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0430	K0425	SEMINAR	48	0	2
09BJ1A0430	K0426	PROJECT WORK	39	135	10
09BJ1A0430	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0430	L0421	EMBEDDED AND REAL TIME SYSTEMS	18	37	4
09BJ1A0430	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	31	4
09BJ1A0431	K0421	OPTICAL COMMUNICATIONS	17	12	0
09BJ1A0431	K0424	INDUSTRY ORIENTED MINI PROJECT	0	45	2
09BJ1A0431	K0425	SEMINAR	46	0	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0431	K0426	PROJECT WORK	36	136	10
09BJ1A0431	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0431	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	40	4
09BJ1A0431	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	10	0
09BJ1A0432	K0421	OPTICAL COMMUNICATIONS	13	5	0
09BJ1A0432	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0432	K0425	SEMINAR	48	0	2
09BJ1A0432	K0426	PROJECT WORK	38	136	10
09BJ1A0432	K0427	COMPREHENSIVE VIVA	0	99	2
09BJ1A0432	L0421	EMBEDDED AND REAL TIME SYSTEMS	14	48	4
09BJ1A0432	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	20	31	4
09BJ1A0434	K0421	OPTICAL COMMUNICATIONS	19	29	4
09BJ1A0434	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0434	K0425	SEMINAR	48	0	2
09BJ1A0434	K0426	PROJECT WORK	38	135	10
09BJ1A0434	K0427	COMPREHENSIVE VIVA	0	96	2
09BJ1A0434	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	33	4
09BJ1A0434	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	12	40	4
09BJ1A0435	K0421	OPTICAL COMMUNICATIONS	20	20	0
09BJ1A0435	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0435	K0425	SEMINAR	46	0	2
09BJ1A0435	K0426	PROJECT WORK	36	136	10
09BJ1A0435	K0427	COMPREHENSIVE VIVA	0	94	2
09BJ1A0435	L0421	EMBEDDED AND REAL TIME SYSTEMS	20	39	4
09BJ1A0435	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	30	4
09BJ1A0436	K0421	OPTICAL COMMUNICATIONS	19	32	4
09BJ1A0436	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0436	K0425	SEMINAR	48	0	2
09BJ1A0436	K0426	PROJECT WORK	38	135	10
09BJ1A0436	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0436	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	40	4
09BJ1A0436	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	15	33	4
09BJ1A0437	K0421	OPTICAL COMMUNICATIONS	19	2	0
09BJ1A0437	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0437	K0425	SEMINAR	46	0	2
09BJ1A0437	K0426	PROJECT WORK	38	140	10
09BJ1A0437	K0427	COMPREHENSIVE VIVA	0	96	2
09BJ1A0437	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	40	4
09BJ1A0437	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	17	0
09BJ1A0438	K0421	OPTICAL COMMUNICATIONS	19	29	4
09BJ1A0438	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0438	K0425	SEMINAR	48	0	2
09BJ1A0438	K0426	PROJECT WORK	38	136	10
09BJ1A0438	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0438	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	37	4
09BJ1A0438	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	15	36	4
09BJ1A0439	K0421	OPTICAL COMMUNICATIONS	20	18	0
09BJ1A0439	K0424	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0439	K0425	SEMINAR	47	0	2
09BJ1A0439	K0426	PROJECT WORK	39	155	10
09BJ1A0439	K0427	COMPREHENSIVE VIVA	0	98	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0439	L0421	EMBEDDED AND REAL TIME SYSTEMS	16	44	4
09BJ1A0439	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	44	4
09BJ1A0440	K0421	OPTICAL COMMUNICATIONS	19	34	4
09BJ1A0440	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0440	K0425	SEMINAR	50	0	2
09BJ1A0440	K0426	PROJECT WORK	40	154	10
09BJ1A0440	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0440	L0421	EMBEDDED AND REAL TIME SYSTEMS	20	66	4
09BJ1A0440	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	49	4
09BJ1A0441	K0421	OPTICAL COMMUNICATIONS	19	34	4
09BJ1A0441	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0441	K0425	SEMINAR	46	0	2
09BJ1A0441	K0426	PROJECT WORK	36	136	10
09BJ1A0441	K0427	COMPREHENSIVE VIVA	0	96	2
09BJ1A0441	L0421	EMBEDDED AND REAL TIME SYSTEMS	14	48	4
09BJ1A0441	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	13	32	4
09BJ1A0442	K0421	OPTICAL COMMUNICATIONS	20	33	4
09BJ1A0442	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0442	K0425	SEMINAR	50	0	2
09BJ1A0442	K0426	PROJECT WORK	40	149	10
09BJ1A0442	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0442	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	63	4
09BJ1A0442	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	67	4
09BJ1A0444	K0421	OPTICAL COMMUNICATIONS	20	31	4
09BJ1A0444	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0444	K0425	SEMINAR	49	0	2
09BJ1A0444	K0426	PROJECT WORK	40	137	10
09BJ1A0444	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0444	L0421	EMBEDDED AND REAL TIME SYSTEMS	19	49	4
09BJ1A0444	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	39	4
09BJ1A0445	K0421	OPTICAL COMMUNICATIONS	19	44	4
09BJ1A0445	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0445	K0425	SEMINAR	49	0	2
09BJ1A0445	K0426	PROJECT WORK	40	139	10
09BJ1A0445	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0445	L0421	EMBEDDED AND REAL TIME SYSTEMS	19	59	4
09BJ1A0445	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	63	4
09BJ1A0446	K0421	OPTICAL COMMUNICATIONS	19	22	0
09BJ1A0446	K0424	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0446	K0425	SEMINAR	47	0	2
09BJ1A0446	K0426	PROJECT WORK	38	137	10
09BJ1A0446	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0446	L0421	EMBEDDED AND REAL TIME SYSTEMS	16	59	4
09BJ1A0446	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	18	0
09BJ1A0447	K0421	OPTICAL COMMUNICATIONS	19	16	0
09BJ1A0447	K0424	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0447	K0425	SEMINAR	49	0	2
09BJ1A0447	K0426	PROJECT WORK	39	140	10
09BJ1A0447	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0447	L0421	EMBEDDED AND REAL TIME SYSTEMS	19	40	4
09BJ1A0447	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	63	4

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0448	K0421	OPTICAL COMMUNICATIONS	16	31	4
09BJ1A0448	K0424	INDUSTRY ORIENTED MINI PROJECT	0	45	2
09BJ1A0448	K0425	SEMINAR	48	0	2
09BJ1A0448	K0426	PROJECT WORK	36	139	10
09BJ1A0448	K0427	COMPREHENSIVE VIVA	0	94	2
09BJ1A0448	L0421	EMBEDDED AND REAL TIME SYSTEMS	13	28	4
09BJ1A0448	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	39	4
09BJ1A0450	K0421	OPTICAL COMMUNICATIONS	20	37	4
09BJ1A0450	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0450	K0425	SEMINAR	50	0	2
09BJ1A0450	K0426	PROJECT WORK	40	155	10
09BJ1A0450	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0450	L0421	EMBEDDED AND REAL TIME SYSTEMS	18	47	4
09BJ1A0450	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	57	4
09BJ1A0451	K0421	OPTICAL COMMUNICATIONS	20	40	4
09BJ1A0451	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0451	K0425	SEMINAR	50	0	2
09BJ1A0451	K0426	PROJECT WORK	40	154	10
09BJ1A0451	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0451	L0421	EMBEDDED AND REAL TIME SYSTEMS	18	68	4
09BJ1A0451	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	31	4
09BJ1A0452	K0421	OPTICAL COMMUNICATIONS	17	37	4
09BJ1A0452	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0452	K0425	SEMINAR	48	0	2
09BJ1A0452	K0426	PROJECT WORK	39	140	10
09BJ1A0452	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0452	L0421	EMBEDDED AND REAL TIME SYSTEMS	11	32	4
09BJ1A0452	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	14	33	4
09BJ1A0454	K0421	OPTICAL COMMUNICATIONS	17	13	0
09BJ1A0454	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0454	K0425	SEMINAR	46	0	2
09BJ1A0454	K0426	PROJECT WORK	37	138	10
09BJ1A0454	K0427	COMPREHENSIVE VIVA	0	96	2
09BJ1A0454	L0421	EMBEDDED AND REAL TIME SYSTEMS	16	14	0
09BJ1A0454	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	15	18	0
09BJ1A0455	K0421	OPTICAL COMMUNICATIONS	19	39	4
09BJ1A0455	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0455	K0425	SEMINAR	48	0	2
09BJ1A0455	K0426	PROJECT WORK	37	139	10
09BJ1A0455	K0427	COMPREHENSIVE VIVA	0	97	2
09BJ1A0455	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	56	4
09BJ1A0455	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	19	49	4
09BJ1A0456	K0421	OPTICAL COMMUNICATIONS	20	46	4
09BJ1A0456	K0424	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0456	K0425	SEMINAR	50	0	2
09BJ1A0456	K0426	PROJECT WORK	40	151	10
09BJ1A0456	K0427	COMPREHENSIVE VIVA	0	100	2
09BJ1A0456	L0421	EMBEDDED AND REAL TIME SYSTEMS	20	54	4
09BJ1A0456	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	17	44	4
09BJ1A0457	K0421	OPTICAL COMMUNICATIONS	18	38	4
09BJ1A0457	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0457	K0425	SEMINAR	48	0	2
09BJ1A0457	K0426	PROJECT WORK	39	139	10
09BJ1A0457	K0427	COMPREHENSIVE VIVA	0	98	2
09BJ1A0457	L0421	EMBEDDED AND REAL TIME SYSTEMS	12	37	4
09BJ1A0457	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	44	4
09BJ1A0502	K0522	E-COMMERCE	18	39	4
09BJ1A0502	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0502	K0527	SEMINAR	50	0	2
09BJ1A0502	K0528	PROJECT WORK	38	159	10
09BJ1A0502	K0529	COMPREHENSIVE VIVA	0	97	2
09BJ1A0502	L0521	MANAGEMENT SCIENCE	20	50	4
09BJ1A0502	L0522	DESIGN PATTERNS	20	56	4
09BJ1A0503	K0522	E-COMMERCE	14	41	4
09BJ1A0503	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0503	K0527	SEMINAR	48	0	2
09BJ1A0503	K0528	PROJECT WORK	40	158	10
09BJ1A0503	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0503	L0521	MANAGEMENT SCIENCE	20	46	4
09BJ1A0503	L0522	DESIGN PATTERNS	17	42	4
09BJ1A0504	K0522	E-COMMERCE	18	40	4
09BJ1A0504	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0504	K0527	SEMINAR	47	0	2
09BJ1A0504	K0528	PROJECT WORK	39	158	10
09BJ1A0504	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0504	L0521	MANAGEMENT SCIENCE	19	36	4
09BJ1A0504	L0522	DESIGN PATTERNS	20	56	4
09BJ1A0505	K0522	E-COMMERCE	19	38	4
09BJ1A0505	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0505	K0527	SEMINAR	46	0	2
09BJ1A0505	K0528	PROJECT WORK	39	159	10
09BJ1A0505	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0505	L0521	MANAGEMENT SCIENCE	19	36	4
09BJ1A0505	L0522	DESIGN PATTERNS	20	60	4
09BJ1A0507	K0522	E-COMMERCE	18	36	4
09BJ1A0507	K0526	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0507	K0527	SEMINAR	48	0	2
09BJ1A0507	K0528	PROJECT WORK	40	157	10
09BJ1A0507	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0507	L0521	MANAGEMENT SCIENCE	20	45	4
09BJ1A0507	L0522	DESIGN PATTERNS	17	56	4
09BJ1A0509	K0522	E-COMMERCE	18	55	4
09BJ1A0509	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0509	K0527	SEMINAR	48	0	2
09BJ1A0509	K0528	PROJECT WORK	39	156	10
09BJ1A0509	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0509	L0521	MANAGEMENT SCIENCE	20	40	4
09BJ1A0509	L0522	DESIGN PATTERNS	19	35	4
09BJ1A0510	K0522	E-COMMERCE	17	42	4
09BJ1A0510	K0526	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0510	K0527	SEMINAR	47	0	2
09BJ1A0510	K0528	PROJECT WORK	40	159	10

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0510	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0510	L0521	MANAGEMENT SCIENCE	19	43	4
09BJ1A0510	L0522	DESIGN PATTERNS	20	43	4
09BJ1A0511	K0522	E-COMMERCE	18	31	4
09BJ1A0511	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0511	K0527	SEMINAR	48	0	2
09BJ1A0511	K0528	PROJECT WORK	38	157	10
09BJ1A0511	K0529	COMPREHENSIVE VIVA	0	100	2
09BJ1A0511	L0521	MANAGEMENT SCIENCE	19	35	4
09BJ1A0511	L0522	DESIGN PATTERNS	20	41	4
09BJ1A0512	K0522	E-COMMERCE	17	40	4
09BJ1A0512	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0512	K0527	SEMINAR	50	0	2
09BJ1A0512	K0528	PROJECT WORK	40	154	10
09BJ1A0512	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0512	L0521	MANAGEMENT SCIENCE	20	48	4
09BJ1A0512	L0522	DESIGN PATTERNS	20	57	4
09BJ1A0513	K0522	E-COMMERCE	14	56	4
09BJ1A0513	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0513	K0527	SEMINAR	50	0	2
09BJ1A0513	K0528	PROJECT WORK	39	156	10
09BJ1A0513	K0529	COMPREHENSIVE VIVA	0	97	2
09BJ1A0513	L0521	MANAGEMENT SCIENCE	20	40	4
09BJ1A0513	L0522	DESIGN PATTERNS	14	32	4
09BJ1A0514	K0522	E-COMMERCE	15	38	4
09BJ1A0514	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0514	K0527	SEMINAR	47	0	2
09BJ1A0514	K0528	PROJECT WORK	38	159	10
09BJ1A0514	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0514	L0521	MANAGEMENT SCIENCE	18	33	4
09BJ1A0514	L0522	DESIGN PATTERNS	15	39	4
09BJ1A0515	K0522	E-COMMERCE	16	28	4
09BJ1A0515	K0526	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0515	K0527	SEMINAR	48	0	2
09BJ1A0515	K0528	PROJECT WORK	39	158	10
09BJ1A0515	K0529	COMPREHENSIVE VIVA	0	97	2
09BJ1A0515	L0521	MANAGEMENT SCIENCE	19	10	0
09BJ1A0515	L0522	DESIGN PATTERNS	17	28	4
09BJ1A0518	K0522	E-COMMERCE	18	61	4
09BJ1A0518	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0518	K0527	SEMINAR	49	0	2
09BJ1A0518	K0528	PROJECT WORK	37	157	10
09BJ1A0518	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0518	L0521	MANAGEMENT SCIENCE	19	34	4
09BJ1A0518	L0522	DESIGN PATTERNS	19	64	4
09BJ1A0520	K0522	E-COMMERCE	18	54	4
09BJ1A0520	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0520	K0527	SEMINAR	48	0	2
09BJ1A0520	K0528	PROJECT WORK	38	158	10
09BJ1A0520	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0520	L0521	MANAGEMENT SCIENCE	20	44	4

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0520	L0522	DESIGN PATTERNS	20	38	4
09BJ1A0521	K0522	E-COMMERCE	15	42	4
09BJ1A0521	K0526	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0521	K0527	SEMINAR	49	0	2
09BJ1A0521	K0528	PROJECT WORK	38	156	10
09BJ1A0521	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0521	L0521	MANAGEMENT SCIENCE	18	33	4
09BJ1A0521	L0522	DESIGN PATTERNS	18	38	4
09BJ1A0523	K0522	E-COMMERCE	19	38	4
09BJ1A0523	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0523	K0527	SEMINAR	49	0	2
09BJ1A0523	K0528	PROJECT WORK	40	159	10
09BJ1A0523	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0523	L0521	MANAGEMENT SCIENCE	20	42	4
09BJ1A0523	L0522	DESIGN PATTERNS	20	54	4
09BJ1A0524	K0522	E-COMMERCE	17	35	4
09BJ1A0524	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0524	K0527	SEMINAR	47	0	2
09BJ1A0524	K0528	PROJECT WORK	38	158	10
09BJ1A0524	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0524	L0521	MANAGEMENT SCIENCE	19	10	0
09BJ1A0524	L0522	DESIGN PATTERNS	20	50	4
09BJ1A0527	K0522	E-COMMERCE	15	32	4
09BJ1A0527	K0526	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0527	K0527	SEMINAR	48	0	2
09BJ1A0527	K0528	PROJECT WORK	38	158	10
09BJ1A0527	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0527	L0521	MANAGEMENT SCIENCE	16	19	0
09BJ1A0527	L0522	DESIGN PATTERNS	16	12	0
09BJ1A0528	K0522	E-COMMERCE	15	28	4
09BJ1A0528	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0528	K0527	SEMINAR	47	0	2
09BJ1A0528	K0528	PROJECT WORK	36	159	10
09BJ1A0528	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0528	L0521	MANAGEMENT SCIENCE	17	17	0
09BJ1A0528	L0522	DESIGN PATTERNS	19	44	4
09BJ1A0529	K0522	E-COMMERCE	14	36	4
09BJ1A0529	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0529	K0527	SEMINAR	49	0	2
09BJ1A0529	K0528	PROJECT WORK	38	159	10
09BJ1A0529	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0529	L0521	MANAGEMENT SCIENCE	19	32	4
09BJ1A0529	L0522	DESIGN PATTERNS	19	37	4
09BJ1A0532	K0522	E-COMMERCE	13	-1	0
09BJ1A0532	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0532	K0527	SEMINAR	47	0	2
09BJ1A0532	K0528	PROJECT WORK	39	158	10
09BJ1A0532	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0532	L0521	MANAGEMENT SCIENCE	15	-1	0
09BJ1A0532	L0522	DESIGN PATTERNS	18	-1	0
09BJ1A0533	K0522	E-COMMERCE	17	42	4

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0533	K0526	INDUSTRY ORIENTED MINI PROJECT	0	46	2
09BJ1A0533	K0527	SEMINAR	48	0	2
09BJ1A0533	K0528	PROJECT WORK	38	159	10
09BJ1A0533	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0533	L0521	MANAGEMENT SCIENCE	19	40	4
09BJ1A0533	L0522	DESIGN PATTERNS	18	34	4
09BJ1A0535	K0522	E-COMMERCE	17	40	4
09BJ1A0535	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0535	K0527	SEMINAR	48	0	2
09BJ1A0535	K0528	PROJECT WORK	40	157	10
09BJ1A0535	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0535	L0521	MANAGEMENT SCIENCE	19	37	4
09BJ1A0535	L0522	DESIGN PATTERNS	19	55	4
09BJ1A0536	K0522	E-COMMERCE	18	36	4
09BJ1A0536	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0536	K0527	SEMINAR	49	0	2
09BJ1A0536	K0528	PROJECT WORK	38	159	10
09BJ1A0536	K0529	COMPREHENSIVE VIVA	0	100	2
09BJ1A0536	L0521	MANAGEMENT SCIENCE	19	34	4
09BJ1A0536	L0522	DESIGN PATTERNS	16	53	4
09BJ1A0537	K0522	E-COMMERCE	17	30	4
09BJ1A0537	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0537	K0527	SEMINAR	49	0	2
09BJ1A0537	K0528	PROJECT WORK	38	158	10
09BJ1A0537	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0537	L0521	MANAGEMENT SCIENCE	18	30	4
09BJ1A0537	L0522	DESIGN PATTERNS	19	34	4
09BJ1A0538	K0522	E-COMMERCE	19	42	4
09BJ1A0538	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0538	K0527	SEMINAR	48	0	2
09BJ1A0538	K0528	PROJECT WORK	39	159	10
09BJ1A0538	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0538	L0521	MANAGEMENT SCIENCE	20	42	4
09BJ1A0538	L0522	DESIGN PATTERNS	20	38	4
09BJ1A0539	K0522	E-COMMERCE	15	28	4
09BJ1A0539	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0539	K0527	SEMINAR	47	0	2
09BJ1A0539	K0528	PROJECT WORK	38	159	10
09BJ1A0539	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0539	L0521	MANAGEMENT SCIENCE	19	41	4
09BJ1A0539	L0522	DESIGN PATTERNS	19	16	0
09BJ1A0540	K0522	E-COMMERCE	17	47	4
09BJ1A0540	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0540	K0527	SEMINAR	49	0	2
09BJ1A0540	K0528	PROJECT WORK	38	154	10
09BJ1A0540	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0540	L0521	MANAGEMENT SCIENCE	20	37	4
09BJ1A0540	L0522	DESIGN PATTERNS	19	44	4
09BJ1A0542	K0522	E-COMMERCE	18	36	4
09BJ1A0542	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0542	K0527	SEMINAR	49	0	2

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0542	K0528	PROJECT WORK	37	157	10
09BJ1A0542	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0542	L0521	MANAGEMENT SCIENCE	19	39	4
09BJ1A0542	L0522	DESIGN PATTERNS	19	49	4
09BJ1A0545	K0522	E-COMMERCE	15	34	4
09BJ1A0545	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0545	K0527	SEMINAR	47	0	2
09BJ1A0545	K0528	PROJECT WORK	38	157	10
09BJ1A0545	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0545	L0521	MANAGEMENT SCIENCE	17	40	4
09BJ1A0545	L0522	DESIGN PATTERNS	16	14	0
09BJ1A0546	K0522	E-COMMERCE	17	34	4
09BJ1A0546	K0526	INDUSTRY ORIENTED MINI PROJECT	0	47	2
09BJ1A0546	K0527	SEMINAR	47	0	2
09BJ1A0546	K0528	PROJECT WORK	38	159	10
09BJ1A0546	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0546	L0521	MANAGEMENT SCIENCE	19	33	4
09BJ1A0546	L0522	DESIGN PATTERNS	19	36	4
09BJ1A0547	K0522	E-COMMERCE	14	39	4
09BJ1A0547	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0547	K0527	SEMINAR	49	0	2
09BJ1A0547	K0528	PROJECT WORK	39	157	10
09BJ1A0547	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0547	L0521	MANAGEMENT SCIENCE	17	34	4
09BJ1A0547	L0522	DESIGN PATTERNS	18	49	4
09BJ1A0549	K0522	E-COMMERCE	17	30	4
09BJ1A0549	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0549	K0527	SEMINAR	49	0	2
09BJ1A0549	K0528	PROJECT WORK	38	159	10
09BJ1A0549	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0549	L0521	MANAGEMENT SCIENCE	19	34	4
09BJ1A0549	L0522	DESIGN PATTERNS	19	48	4
09BJ1A0550	K0522	E-COMMERCE	18	32	4
09BJ1A0550	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0550	K0527	SEMINAR	48	0	2
09BJ1A0550	K0528	PROJECT WORK	39	159	10
09BJ1A0550	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0550	L0521	MANAGEMENT SCIENCE	19	19	0
09BJ1A0550	L0522	DESIGN PATTERNS	20	17	0
09BJ1A0551	K0522	E-COMMERCE	18	40	4
09BJ1A0551	K0526	INDUSTRY ORIENTED MINI PROJECT	0	49	2
09BJ1A0551	K0527	SEMINAR	48	0	2
09BJ1A0551	K0528	PROJECT WORK	38	158	10
09BJ1A0551	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0551	L0521	MANAGEMENT SCIENCE	20	37	4
09BJ1A0551	L0522	DESIGN PATTERNS	20	56	4
09BJ1A0552	K0526	INDUSTRY ORIENTED MINI PROJECT	0	0	0
09BJ1A0552	K0527	SEMINAR	-1	0	0
09BJ1A0552	K0528	PROJECT WORK	-1	0	0
09BJ1A0552	K0529	COMPREHENSIVE VIVA	0	0	0
09BJ1A0554	K0522	E-COMMERCE	17	45	4

Htno	Subcode	Subname	Internal	External	credits
09BJ1A0554	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0554	K0527	SEMINAR	49	0	2
09BJ1A0554	K0528	PROJECT WORK	38	156	10
09BJ1A0554	K0529	COMPREHENSIVE VIVA	0	97	2
09BJ1A0554	L0521	MANAGEMENT SCIENCE	19	33	4
09BJ1A0554	L0522	DESIGN PATTERNS	14	28	4
09BJ1A0555	K0522	E-COMMERCE	17	16	0
09BJ1A0555	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0555	K0527	SEMINAR	47	0	2
09BJ1A0555	K0528	PROJECT WORK	38	158	10
09BJ1A0555	K0529	COMPREHENSIVE VIVA	0	96	2
09BJ1A0555	L0521	MANAGEMENT SCIENCE	17	12	0
09BJ1A0555	L0522	DESIGN PATTERNS	17	33	4
09BJ1A0556	K0522	E-COMMERCE	18	32	4
09BJ1A0556	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0556	K0527	SEMINAR	49	0	2
09BJ1A0556	K0528	PROJECT WORK	40	156	10
09BJ1A0556	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0556	L0521	MANAGEMENT SCIENCE	19	32	4
09BJ1A0556	L0522	DESIGN PATTERNS	19	19	0
09BJ1A0557	K0522	E-COMMERCE	18	50	4
09BJ1A0557	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0557	K0527	SEMINAR	48	0	2
09BJ1A0557	K0528	PROJECT WORK	39	158	10
09BJ1A0557	K0529	COMPREHENSIVE VIVA	0	99	2
09BJ1A0557	L0521	MANAGEMENT SCIENCE	20	37	4
09BJ1A0557	L0522	DESIGN PATTERNS	20	56	4
09BJ1A0558	K0522	E-COMMERCE	17	29	4
09BJ1A0558	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
09BJ1A0558	K0527	SEMINAR	48	0	2
09BJ1A0558	K0528	PROJECT WORK	38	157	10
09BJ1A0558	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0558	L0521	MANAGEMENT SCIENCE	20	31	4
09BJ1A0558	L0522	DESIGN PATTERNS	20	45	4
09BJ1A0559	K0522	E-COMMERCE	19	45	4
09BJ1A0559	K0526	INDUSTRY ORIENTED MINI PROJECT	0	50	2
09BJ1A0559	K0527	SEMINAR	50	0	2
09BJ1A0559	K0528	PROJECT WORK	40	159	10
09BJ1A0559	K0529	COMPREHENSIVE VIVA	0	98	2
09BJ1A0559	L0521	MANAGEMENT SCIENCE	20	43	4
09BJ1A0559	L0522	DESIGN PATTERNS	20	66	4
09BJ5A0403	L0421	EMBEDDED AND REAL TIME SYSTEMS	17	-1	0
10BJ5A0201	K0221	UTILIZATION OF ELECTRICAL ENERGY	15	19	0
10BJ5A0201	K0222	ADVANCED CONTROL SYSTEMS	11	33	4
10BJ5A0201	K0227	DATABASE MANAGEMENT SYSTEMS	13	48	4
10BJ5A0201	K0228	SEMINAR	49	0	2
10BJ5A0201	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
10BJ5A0201	K0230	COMPREHENSIVE VIVA	0	83	2
10BJ5A0201	K0231	PROJECT WORK	38	150	10
10BJ5A0202	K0221	UTILIZATION OF ELECTRICAL ENERGY	15	41	4
10BJ5A0202	K0222	ADVANCED CONTROL SYSTEMS	10	45	4

Htno	Subcode	Subname	Internal	External	credits
10BJ5A0202	K0227	DATABASE MANAGEMENT SYSTEMS	16	37	4
10BJ5A0202	K0228	SEMINAR	49	0	2
10BJ5A0202	K0229	INDUSTRY ORIENTED MINI PROJECT	0	46	2
10BJ5A0202	K0230	COMPREHENSIVE VIVA	0	85	2
10BJ5A0202	K0231	PROJECT WORK	38	152	10
10BJ5A0203	K0221	UTILIZATION OF ELECTRICAL ENERGY	17	61	4
10BJ5A0203	K0222	ADVANCED CONTROL SYSTEMS	12	49	4
10BJ5A0203	K0227	DATABASE MANAGEMENT SYSTEMS	12	57	4
10BJ5A0203	K0228	SEMINAR	49	0	2
10BJ5A0203	K0229	INDUSTRY ORIENTED MINI PROJECT	0	47	2
10BJ5A0203	K0230	COMPREHENSIVE VIVA	0	86	2
10BJ5A0203	K0231	PROJECT WORK	38	150	10
10BJ5A0301	K0321	PRODUCTION PLANNING AND CONTROL	19	14	0
10BJ5A0301	K0323	TRIBOLOGY	16	49	3
10BJ5A0301	K0327	AUTOMATION IN MANUFACTURING	19	18	0
10BJ5A0301	K0330	CAD/CAM LAB	22	47	2
10BJ5A0301	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0301	K0332	SEMINAR	48	0	2
10BJ5A0301	K0333	PROJECT WORK	40	160	10
10BJ5A0301	K0334	COMPREHENSIVE VIVA	0	98	2
10BJ5A0302	K0321	PRODUCTION PLANNING AND CONTROL	20	41	4
10BJ5A0302	K0323	TRIBOLOGY	18	42	3
10BJ5A0302	K0327	AUTOMATION IN MANUFACTURING	20	49	3
10BJ5A0302	K0330	CAD/CAM LAB	24	49	2
10BJ5A0302	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
10BJ5A0302	K0332	SEMINAR	49	0	2
10BJ5A0302	K0333	PROJECT WORK	39	158	10
10BJ5A0302	K0334	COMPREHENSIVE VIVA	0	100	2
10BJ5A0303	K0321	PRODUCTION PLANNING AND CONTROL	20	13	0
10BJ5A0303	K0323	TRIBOLOGY	15	42	3
10BJ5A0303	K0327	AUTOMATION IN MANUFACTURING	18	41	3
10BJ5A0303	K0330	CAD/CAM LAB	22	48	2
10BJ5A0303	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
10BJ5A0303	K0332	SEMINAR	49	0	2
10BJ5A0303	K0333	PROJECT WORK	39	157	10
10BJ5A0303	K0334	COMPREHENSIVE VIVA	0	98	2
10BJ5A0304	K0321	PRODUCTION PLANNING AND CONTROL	19	40	4
10BJ5A0304	K0323	TRIBOLOGY	16	38	3
10BJ5A0304	K0327	AUTOMATION IN MANUFACTURING	20	44	3
10BJ5A0304	K0330	CAD/CAM LAB	21	47	2
10BJ5A0304	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0304	K0332	SEMINAR	50	0	2
10BJ5A0304	K0333	PROJECT WORK	40	160	10
10BJ5A0304	K0334	COMPREHENSIVE VIVA	0	98	2
10BJ5A0305	K0321	PRODUCTION PLANNING AND CONTROL	19	38	4
10BJ5A0305	K0323	TRIBOLOGY	18	66	3
10BJ5A0305	K0327	AUTOMATION IN MANUFACTURING	19	30	3
10BJ5A0305	K0330	CAD/CAM LAB	22	48	2
10BJ5A0305	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0305	K0332	SEMINAR	50	0	2
10BJ5A0305	K0333	PROJECT WORK	40	160	10

Htno	Subcode	Subname	Internal	External	credits
10BJ5A0305	K0334	COMPREHENSIVE VIVA	0	98	2
10BJ5A0306	K0321	PRODUCTION PLANNING AND CONTROL	19	32	4
10BJ5A0306	K0323	TRIBOLOGY	16	49	3
10BJ5A0306	K0327	AUTOMATION IN MANUFACTURING	20	45	3
10BJ5A0306	K0330	CAD/CAM LAB	23	47	2
10BJ5A0306	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
10BJ5A0306	K0332	SEMINAR	50	0	2
10BJ5A0306	K0333	PROJECT WORK	38	160	10
10BJ5A0306	K0334	COMPREHENSIVE VIVA	0	100	2
10BJ5A0307	K0321	PRODUCTION PLANNING AND CONTROL	20	18	0
10BJ5A0307	K0323	TRIBOLOGY	15	38	3
10BJ5A0307	K0327	AUTOMATION IN MANUFACTURING	20	0	0
10BJ5A0307	K0330	CAD/CAM LAB	22	46	2
10BJ5A0307	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0307	K0332	SEMINAR	48	0	2
10BJ5A0307	K0333	PROJECT WORK	39	156	10
10BJ5A0307	K0334	COMPREHENSIVE VIVA	0	100	2
10BJ5A0308	K0321	PRODUCTION PLANNING AND CONTROL	20	43	4
10BJ5A0308	K0323	TRIBOLOGY	15	40	3
10BJ5A0308	K0327	AUTOMATION IN MANUFACTURING	20	37	3
10BJ5A0308	K0330	CAD/CAM LAB	24	48	2
10BJ5A0308	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
10BJ5A0308	K0332	SEMINAR	50	0	2
10BJ5A0308	K0333	PROJECT WORK	40	159	10
10BJ5A0308	K0334	COMPREHENSIVE VIVA	0	99	2
10BJ5A0309	K0321	PRODUCTION PLANNING AND CONTROL	19	40	4
10BJ5A0309	K0323	TRIBOLOGY	14	47	3
10BJ5A0309	K0327	AUTOMATION IN MANUFACTURING	19	38	3
10BJ5A0309	K0330	CAD/CAM LAB	22	47	2
10BJ5A0309	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0309	K0332	SEMINAR	47	0	2
10BJ5A0309	K0333	PROJECT WORK	38	158	10
10BJ5A0309	K0334	COMPREHENSIVE VIVA	0	96	2
10BJ5A0310	K0321	PRODUCTION PLANNING AND CONTROL	18	38	4
10BJ5A0310	K0323	TRIBOLOGY	15	48	3
10BJ5A0310	K0327	AUTOMATION IN MANUFACTURING	19	42	3
10BJ5A0310	K0330	CAD/CAM LAB	21	46	2
10BJ5A0310	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
10BJ5A0310	K0332	SEMINAR	50	0	2
10BJ5A0310	K0333	PROJECT WORK	40	158	10
10BJ5A0310	K0334	COMPREHENSIVE VIVA	0	98	2
10BJ5A0311	K0321	PRODUCTION PLANNING AND CONTROL	19	38	4
10BJ5A0311	K0323	TRIBOLOGY	16	57	3
10BJ5A0311	K0327	AUTOMATION IN MANUFACTURING	17	60	3
10BJ5A0311	K0330	CAD/CAM LAB	25	47	2
10BJ5A0311	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0311	K0332	SEMINAR	49	0	2
10BJ5A0311	K0333	PROJECT WORK	39	160	10
10BJ5A0311	K0334	COMPREHENSIVE VIVA	0	100	2
10BJ5A0312	K0321	PRODUCTION PLANNING AND CONTROL	20	43	4
10BJ5A0312	K0323	TRIBOLOGY	15	28	3

Htno	Subcode	Subname	Internal	External	credits
10BJ5A0312	K0327	AUTOMATION IN MANUFACTURING	18	41	3
10BJ5A0312	K0330	CAD/CAM LAB	22	48	2
10BJ5A0312	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
10BJ5A0312	K0332	SEMINAR	50	0	2
10BJ5A0312	K0333	PROJECT WORK	39	155	10
10BJ5A0312	K0334	COMPREHENSIVE VIVA	0	99	2
10BJ5A0313	K0321	PRODUCTION PLANNING AND CONTROL	19	31	4
10BJ5A0313	K0323	TRIBOLOGY	17	46	3
10BJ5A0313	K0327	AUTOMATION IN MANUFACTURING	20	43	3
10BJ5A0313	K0330	CAD/CAM LAB	21	49	2
10BJ5A0313	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
10BJ5A0313	K0332	SEMINAR	48	0	2
10BJ5A0313	K0333	PROJECT WORK	40	158	10
10BJ5A0313	K0334	COMPREHENSIVE VIVA	0	97	2
10BJ5A0314	K0321	PRODUCTION PLANNING AND CONTROL	20	35	4
10BJ5A0314	K0323	TRIBOLOGY	16	45	3
10BJ5A0314	K0327	AUTOMATION IN MANUFACTURING	19	41	3
10BJ5A0314	K0330	CAD/CAM LAB	24	47	2
10BJ5A0314	K0331	INDUSTRY ORIENTED MINI PROJECT	0	50	2
10BJ5A0314	K0332	SEMINAR	49	0	2
10BJ5A0314	K0333	PROJECT WORK	40	160	10
10BJ5A0314	K0334	COMPREHENSIVE VIVA	0	99	2
10BJ5A0315	K0321	PRODUCTION PLANNING AND CONTROL	20	18	0
10BJ5A0315	K0323	TRIBOLOGY	13	45	3
10BJ5A0315	K0327	AUTOMATION IN MANUFACTURING	18	45	3
10BJ5A0315	K0330	CAD/CAM LAB	22	46	2
10BJ5A0315	K0331	INDUSTRY ORIENTED MINI PROJECT	0	49	2
10BJ5A0315	K0332	SEMINAR	50	0	2
10BJ5A0315	K0333	PROJECT WORK	39	160	10
10BJ5A0315	K0334	COMPREHENSIVE VIVA	0	99	2
10BJ5A0316	K0321	PRODUCTION PLANNING AND CONTROL	19	49	4
10BJ5A0316	K0323	TRIBOLOGY	16	35	3
10BJ5A0316	K0327	AUTOMATION IN MANUFACTURING	19	51	3
10BJ5A0316	K0330	CAD/CAM LAB	23	48	2
10BJ5A0316	K0331	INDUSTRY ORIENTED MINI PROJECT	0	47	2
10BJ5A0316	K0332	SEMINAR	48	0	2
10BJ5A0316	K0333	PROJECT WORK	39	159	10
10BJ5A0316	K0334	COMPREHENSIVE VIVA	0	98	2
10BJ5A0317	K0321	PRODUCTION PLANNING AND CONTROL	20	31	4
10BJ5A0317	K0323	TRIBOLOGY	14	45	3
10BJ5A0317	K0327	AUTOMATION IN MANUFACTURING	19	41	3
10BJ5A0317	K0330	CAD/CAM LAB	24	47	2
10BJ5A0317	K0331	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0317	K0332	SEMINAR	49	0	2
10BJ5A0317	K0333	PROJECT WORK	40	156	10
10BJ5A0317	K0334	COMPREHENSIVE VIVA	0	99	2
10BJ5A0401	K0421	OPTICAL COMMUNICATIONS	16	11	0
10BJ5A0401	K0424	INDUSTRY ORIENTED MINI PROJECT	0	46	2
10BJ5A0401	K0425	SEMINAR	46	0	2
10BJ5A0401	K0426	PROJECT WORK	37	141	10
10BJ5A0401	K0427	COMPREHENSIVE VIVA	0	96	2

Htno	Subcode	Subname	Internal	External	credits
10BJ5A0401	L0421	EMBEDDED AND REAL TIME SYSTEMS	15	43	4
10BJ5A0401	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	13	-1	0
10BJ5A0402	K0421	OPTICAL COMMUNICATIONS	19	43	4
10BJ5A0402	K0424	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0402	K0425	SEMINAR	48	0	2
10BJ5A0402	K0426	PROJECT WORK	39	142	10
10BJ5A0402	K0427	COMPREHENSIVE VIVA	0	98	2
10BJ5A0402	L0421	EMBEDDED AND REAL TIME SYSTEMS	15	62	4
10BJ5A0402	L0423	WIRELESS COMMUNICATIONS AND NETWORKS	16	48	4
10BJ5A0501	K0522	E-COMMERCE	18	32	4
10BJ5A0501	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0501	K0527	SEMINAR	47	0	2
10BJ5A0501	K0528	PROJECT WORK	40	159	10
10BJ5A0501	K0529	COMPREHENSIVE VIVA	0	98	2
10BJ5A0501	L0521	MANAGEMENT SCIENCE	20	37	4
10BJ5A0501	L0522	DESIGN PATTERNS	20	35	4
10BJ5A0502	K0522	E-COMMERCE	16	50	4
10BJ5A0502	K0526	INDUSTRY ORIENTED MINI PROJECT	0	48	2
10BJ5A0502	K0527	SEMINAR	49	0	2
10BJ5A0502	K0528	PROJECT WORK	39	159	10
10BJ5A0502	K0529	COMPREHENSIVE VIVA	0	99	2
10BJ5A0502	L0521	MANAGEMENT SCIENCE	18	37	4
10BJ5A0502	L0522	DESIGN PATTERNS	19	60	4

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

2)Take Seperate DD for the Challenge Valuation

[Last Date for Recounting/Revaluation/Challenge By Revaluation: 12-06-2013]

Date:29-05-2013



Controller of Examinations