

CEG EQUIVALENT LIST FOR 2004 U.G FULL TIME

SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
1	AG096	GEOLOGY FOR IRRIGATION ENGINEERS	AI9026	GEOLOGY FOR IRRIGATION ENGINEERING	<input type="checkbox"/>
2	AG191	GEOLOGY - I	AG9211	ENGINEERING GEOLOGY	<input type="checkbox"/>
3	AG291	ENGINEERING GEOLOGY	AG9211	ENGINEERING GEOLOGY	<input type="checkbox"/>
4	AG291	ENGINEERING GEOLOGY	AG9212	APPLIED GEOLOGY	<input type="checkbox"/>
5	AG293	GEOLOGY - II	AG9261	GEOLOGY II	<input type="checkbox"/>
6	AI271	SURVEYING	AI9201	SURVEYING	<input type="checkbox"/>
7	AI272	THEORY OF MACHINES	AI9202	THEORY OF MACHINES	<input type="checkbox"/>
8	AI273	PRINCIPLES OF CROP PRODUCTION	AI9203	PRINCIPLES OF CROP PRODUCTION	<input type="checkbox"/>
9	AI281	SOIL SCIENCE AND ENGINEERING	AI9251	SOIL SCIENCE AND ENGINEERING	<input type="checkbox"/>
10	AI282	FOOD SCIENCE & NUTRITION TECHNOLOGY	AI9253	FOOD SCIENCE AND NUTRITION TECHNOLOGY	<input type="checkbox"/>
11	AI283	BIO ENERGY RESOURCE TECHNOLOGY	AI9030	BIO ENERGY RESOURCE TECHNOLOGY	<input type="checkbox"/>
12	AI371	GROUNDWATER AND WELL ENGINEERING	AI9302	GROUNDWATER AND WELL ENGINEERING	<input type="checkbox"/>
13	AI372	IRRIGATION ENGINEERING	AI9301	IRRIGATION ENGINEERING	<input type="checkbox"/>
14	AI373	DESIGN OF AGRICULTURAL MACHINERY	AI9305	DESIGN AND DRAWING OF AGRICULTURAL MACHINERY	<input type="checkbox"/>
15	AI374	REMOTE SENSING	AI9303	REMOTE SENSING	<input type="checkbox"/>
16	AI375	POST-HARVESTING TECHNOLOGY	AI9029	POST - HARVESTING TECHNOLOGY	<input type="checkbox"/>
17	AI376	AQUACULTURE ENGINEERING	AI9304	AQUACULTURE ENGINEERING	<input type="checkbox"/>
18	AI377	CAD FOR AGRICULTURAL	AI9355	CAD FOR AGRICULTURAL ENGINEERING	<input type="checkbox"/>
19	AI381	TRACTOR AND FARM EQUIPMENTS	AI9351	TRACTOR AND FARM EQUIPMENTS	<input type="checkbox"/>
20	AI382	GIS	AI9352	GEOGRAPHICAL INFORMATION SYSTEM	<input type="checkbox"/>
21	AI383	DRAINAGE ENGINEERING & LAND MANAGEMENT	AI9353	DRAINAGE ENGINEERING AND LAND MANAGEMENT	<input type="checkbox"/>
22	AI471	AGRICULTURAL ECONOMICS AND FARM MANAGEMENT	AI9401	AGRICULTURAL ECONOMICS AND FARM MANAGEMENT	<input type="checkbox"/>
23	AI472	IRRIGATION EQUIPMENT DESIGN	AI9405	IRRIGATION EQUIPMENT DESIGN	<input type="checkbox"/>
24	AI473	SOIL AND WATER CONSERVATION	AI9402	SOIL AND WATER CONSERVATION ENGINEERING	<input type="checkbox"/>
25	AI481	FOOD PROCESSING ENGINEERING	AI9403	FOOD PROCESSING ENGINEERING	<input type="checkbox"/>
26	AI482	IT IN AGRICULTURAL SYSTEMS	AI9404	IT IN AGRICULTURAL SYSTEMS	<input type="checkbox"/>
27	AI483	AGRICULTURAL BUSINESS MANAGEMENT	AI9036	AGRICULTURAL BUSINESS MANAGEMENT	<input type="checkbox"/>
28	AI501	ADVANCED IRRIGATION ENGINEERING	AI9025	ADVANCED IRRIGATION ENGINEERING	<input type="checkbox"/>
29	AI502	SYSTEM ANALYSIS IN WATER RESOURCES	AI9354	SYSTEMS ANALYSIS IN IRRIGATION ENGINEERING	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
30	AI503	BIO-TECHNOLOGY PRINCIPLES	AI9027	BIO - TECHNOLOGY PRINCIPLES	<input type="checkbox"/>
31	AI504	MINOR IRRIGATION AND COMMAND AREA DEVELOPMENT	AI9024	MINOR IRRIGATION AND COMMAND AREA DEVELOPMENT	<input type="checkbox"/>
32	AI505	WATERSHED DEVELOPMENT	AI9021	WATERSHED DEVELOPMENT	<input type="checkbox"/>
33	AI506	MANUFACTURING PROCESSES	AI9034	MANUFACTURING PROCESS	<input type="checkbox"/>
34	AI507	UNIT OPERATION IN BIO-PROCESSING	AI9035	UNIT OPERATIONS IN BIO-PROCESSING	<input type="checkbox"/>
35	AI508	SEED TECHNOLOGY APPLICATIONS	AI9028	SEED TECHNOLOGY APPLICATIONS	<input type="checkbox"/>
36	AI510	DAIRY ENGINEERING	AI9032	DAIRY ENGINEERING	<input type="checkbox"/>
37	AI511	FLOOD AND DROUGHT MANAGEMENT	AI9022	FLOOD AND DROUGHT MANAGEMENT	<input type="checkbox"/>
38	AI512	INSTRUMENTATION AND CONTROL ENGINEERING	AI9033	INSTRUMENTATION AND CONTROL ENGINEERING	<input type="checkbox"/>
39	AI513	IRRIGATION WATER QUALITY AND MODELING	AI9023	IRRIGATION WATER QUALITY AND MODELING	<input type="checkbox"/>
40	CE181	CONSTRUCTION MATERIALS	CE9152	CONSTRUCTION MATERIALS	<input type="checkbox"/>
41	CE183	REMOTE SENSING - I	GI9151	REMOTE SENSING	<input type="checkbox"/>
42	CE271	MECHANICS OF SOLIDS	CE9201	STRENGTH OF MATERIALS-I	<input type="checkbox"/>
43	CE272	FLUID MECHANICS	CE9202	FLUID MECHANICS	<input type="checkbox"/>
44	CE273	SURVEYING - I	CE9203	SURVEYING -I	<input type="checkbox"/>
45	CE281	STRENGTH OF MATERIALS	CE9251	STRENGTH OF MATERIALS -II	<input type="checkbox"/>
46	CE282	CONSTRUCTION TECH. AND PRACTICES	CE9252	CONSTRUCTION TECHNIQUES AND PRACTICES	<input type="checkbox"/>
47	CE283	APPLIED HYDRAULICS ENGG.	CE9253	APPLIED HYDRAULICS ENGINEERING	<input type="checkbox"/>
48	CE284	SOIL MECHANICS	CE9255	SOIL MECHANICS	<input type="checkbox"/>
49	CE285	SURVEYING - II	CE9254	SURVEYING -II	<input type="checkbox"/>
50	CE291	FLUID MECHANICS AND MACHINERY	CE9211	FLUID MECHANICS AND MACHINERY	<input type="checkbox"/>
51	CE293	SURVEYING - I	CE9261	SURVEYING I	<input type="checkbox"/>
52	CE295	STRENGTH OF MATERIALS	CE9213	STRENGTH OF MATERIALS	<input type="checkbox"/>
53	CE371	STRUCTURAL ANALYSIS - I	CE9301	STRUCTURAL ANALYSIS - I	<input type="checkbox"/>
54	CE372	DESIGN OF STEEL STRUCTURES	CE9302	DESIGN OF STEEL STRUCTURES	<input type="checkbox"/>
55	CE373	FOUNDATION ENGINEERING	CE9303	FOUNDATION ENGINEERING	<input type="checkbox"/>
56	CE374	ENVIRONMENTAL ENGINEERING - I	CE9304	WATER SUPPLY ENGINEERING	<input type="checkbox"/>
57	CE375	HIGHWAY ENGINEERING	CE9305	HIGHWAY ENGINEERING	<input type="checkbox"/>
58	CE381	PRINCIPLES OF MANAGEMENT	CE9401	PRINCIPLES OF MANAGEMENT	<input type="checkbox"/>

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59	CE382	STRUCTURAL ANALYSIS - II	CE9351	STRUCTURAL ANALYSIS - II	<input type="checkbox"/>
60	CE383	DES.OF REIN.CON.&MASONRY STRU.	CE9353	DESIGN OF REINFORCED CEMENT CONCRETE AND MASONRY STRUCTURES	<input type="checkbox"/>
61	CE384	ENVIRONMENTAL ENGINEERING - II	CE9354	WASTE WATER ENGINEERING	<input type="checkbox"/>
62	CE472	VALUATION ENGINEERING	CE9404	ESTIMATING COSTING AND VALUATION ENGINEERING	<input type="checkbox"/>
63	CE473	FUNDAMENTALS OF REMOTE SENSING AND GIS	CE9355	FUNDAMENTALS OF REMOTE SENSING AND GIS	<input type="checkbox"/>
64	CE481	STR. DYNAMICS & EARTHQUAKE ENGG.	CE9402	STRUCTURAL DYNAMICS AND EARTH QUAKE ENGINEERING	<input type="checkbox"/>
65	CE482	ARCHITECTURE	CE9406	ARCHITECTURE AND TOWN PLANNING	<input type="checkbox"/>
66	CE501	BRIDGE STRUCTURES	CE9021	BRIDGE STRUCTURES	<input type="checkbox"/>
67	CE502	PREFABRICATED STRUCTURES	CE9022	PREFABRICATED STRUCTURES	<input type="checkbox"/>
68	CE503	COMPUTER AIDED DESIGN OF STRUCTURES	CE9023	COMPUTER AIDED DESIGN OF STRUCTURES	<input type="checkbox"/>
69	CE504	MAINTENANCE AND REHABILITATION OF STRUCTURES	CE9024	MAINTENANCE AND REHABILITATION OF STRUCTURES	<input type="checkbox"/>
70	CE505	STORAGE STRUCTURES	CE9025	STORAGE STRUCTURES	<input type="checkbox"/>
71	CE506	DESIGN OF PLATE AND SHELL STRUCTURES	CE9026	DESIGN OF PLATE AND SHELL STRUCTURES	<input type="checkbox"/>
72	CE507	PRESTRESSED CONCRETE STRUCTURES	CE9027	PRESTRESSED CONCRETE STRUCTURES	<input type="checkbox"/>
73	CE508	INDUSTRIAL STRUCTURES	CE9028	INDUSTRIAL STRUCTURES	<input type="checkbox"/>
74	CE509	TALL STRUCTURES	CE9029	TALL STRUCTURES	<input type="checkbox"/>
75	CE510	ASEISMIC DESIGN OF STRUCTURES	CE9402	STRUCTURAL DYNAMICS AND EARTH QUAKE ENGINEERING	<input type="checkbox"/>
76	CE511	WIND ENGINEERING	CE9030	WIND ENGINEERING	<input type="checkbox"/>
77	CE512	SMART MATERIALS AND STRUCTURES	CE9031	SMART MATERIALS AND STRUCTURES	<input type="checkbox"/>
78	CE513	FINITE ELEMENT TECHNIQUES	CE9032	FINITE ELEMENT TECHNIQUES	<input type="checkbox"/>
79	CE515	GROUND WATER ENGINEERING	CE9033	GROUNDWATER ENGINEERING	<input type="checkbox"/>
80	CE517	WATER RESOURCES SYSTEMS MANAGEMENT	CE9034	WATER RESOURCES SYSTEMS	<input type="checkbox"/>
81	CE518	PARTICIPATORY WATER MANAGEMENT	CE9037	PARTICIPATORY WATER MANAGEMENT	<input type="checkbox"/>
82	CE519	WATERSHED CONSERVATION AND MANAGEMENT	CE9038	WATERSHED CONSERVATION AND MANAGEMENT	<input type="checkbox"/>
83	CE520	MATHEMATICAL MODELLING IN WATER RESOURCES MANAGEMENT	CE9035	MATHEMATICAL MODELING IN WATER RESOURCES ENGINEERING	<input type="checkbox"/>
84	CE521	INTEGRATED WATER RESOURCES MANAGEMENT	CE9036	INTEGRATED WATER RESOURCES MANAGEMENT	<input type="checkbox"/>
85	CE522	TRANSPORTATION PLANNING AND SYSTEMS	CE9039	TRANSPORTATION PLANNING AND SYSTEMS	<input type="checkbox"/>
86	CE523	TRAFFIC ENGINEERING AND MANAGEMENT	CE9040	TRAFFIC ENGINEERING AND MANAGEMENT	<input type="checkbox"/>
87	CE526	ENVIRONMENTAL IMPACT ASSESSMENT	CE9046	ENVIRONMENTAL IMPACT ASSESSMENT	<input type="checkbox"/>

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88	CE529	MUNICIPAL SOLID WASTE MANAGEMENT	CE9048	MUNICIPAL SOLID WASTE MANAGEMENT	<input type="checkbox"/>
89	CE531	PAVEMENT ENGINEERING	CE9051	PAVEMENT ENGINEERING	<input type="checkbox"/>
90	CE538	ELECTRONIC SURVEYING	CE9254	SURVEYING -II	<input type="checkbox"/>
91	CS182	DIGITAL PRINCIPLES & SYSTEM DESIGN	CS9152	DIGITAL PRINCIPLES AND SYSTEM DESIGN	<input type="checkbox"/>
92	CS271	DESIGN AND ANALYSIS OF ALGORITHMS	CS9201	DESIGN AND ANALYSIS OF ALGORITHMS	<input type="checkbox"/>
93	CS272	DATABASE MANAGEMENT SYSTEMS	CS9202	DATABASE MANAGEMENT SYSTEMS	<input type="checkbox"/>
94	CS273	COMPUTER ARCHITECTURE	CS9204	COMPUTER ARCHITECTURE	<input type="checkbox"/>
95	CS281	MICROPROCESSORS AND MICROCONTROLLERS	CS9251	MICROPROCESSORS AND MICRO CONTROLLERS	<input type="checkbox"/>
96	CS282	OPERATING SYSTEMS	CS9252	OPERATING SYSTEMS	<input type="checkbox"/>
97	CS285	THEORY OF COMPUTATION	CS9302	THEORY OF COMPUTATION	<input type="checkbox"/>
98	CS372	SOFTWARE ENGINEERING	CS9254	SOFTWARE ENGINEERING	<input type="checkbox"/>
99	CS373	DATA COMM. & COMPUTER N/W	CS9305	DATA COMMUNICATION AND COMPUTER NETWORKS	<input type="checkbox"/>
100	CS374	DISTRIBUTED SYSTEMS	IT9304	DISTRIBUTED SYSTEMS	<input type="checkbox"/>
101	CS381	DIGITAL SIGNAL PROCESSING	CS9351	DIGITAL SIGNAL PROCESSING	<input type="checkbox"/>
102	CS382	GRAPH THEORY	CS9032	GRAPH THEORY	<input type="checkbox"/>
103	CS384	GRAPHICS AND MULTIMEDIA	CS9401	GRAPHICS AND MULTIMEDIA	<input type="checkbox"/>
104	CS481	ARTIFICIAL INTELLIGENCE	CS9304	ARTIFICIAL INTELLIGENCE	<input type="checkbox"/>
105	CS502	UNIX INTERNALS	CS9023	UNIX INTERNALS	<input type="checkbox"/>
106	CS508	REAL TIME SYSTEMS	CS9077	REAL TIME SYSTEMS	<input type="checkbox"/>
107	CS510	TCP/IP DESIGN AND IMPLEMENTATION	CS9034	TCP/IP DESIGN AND IMPLEMENTATION	<input type="checkbox"/>
108	CS524	SOFTWARE PROJECT MANAGEMENT	CS9042	SOFTWARE PROJECT MANAGEMENT	<input type="checkbox"/>
109	CS525	LANGUAGE TECHNOLOGIES	CS9040	LANGUAGE TECHNOLOGIES	<input type="checkbox"/>
110	CS531	MULTICORE ARCHITECTURE AND PROGRAMMING	CS9043	MULTI-CORE PROGRAMMING	<input type="checkbox"/>
111	CY171	CHEMISTRY - I	CY9111	ENGINEERING CHEMISTRY	<input type="checkbox"/>
112	EC182	CIRCUIT ANALYSIS	EC9152	CIRCUIT ANALYSIS	<input type="checkbox"/>
113	EC191	BASIC ELECTRONICS ENGINEERING	EC9168	BASIC ELECTRONICS ENGINEERING	<input type="checkbox"/>
114	EC192	ELECTRONICS ENGINEERING	EC9169	ELECTRONICS ENGINEERING	<input type="checkbox"/>
115	EC194	ELECTRONIC DEVICES AND CIRCUITS	EC9161	ELECTRONIC DEVICES AND CIRCUITS	<input type="checkbox"/>
116	EC274	SIGNALS AND SYSTEMS	EC9203	SIGNALS AND SYSTEMS	<input type="checkbox"/>

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117	EC282	ELECTRONIC CIRCUITS - II	EC9252	ELECTRONIC CIRCUITS - II	<input type="checkbox"/>
118	EC283	LINEAR INTEGRATED CIRCUITS	EC9302	LINEAR INTEGRATED CIRCUITS	<input type="checkbox"/>
119	EC284	TRANSMISSION LINES&WAVE GUIDES	EC9305	TRANSMISSION LINES AND WAVE GUIDES	<input type="checkbox"/>
120	EC285	CONTROL SYSTEMS	EC9254	CONTROL SYSTEMS	<input type="checkbox"/>
121	EC294	ELECTRONIC DEVICES & CIRCUITS	EC9213	ELECTRONIC DEVICES AND CIRCUITS	<input type="checkbox"/>
122	EC297	ELECTRONICS ENGINEERING	EC9169	ELECTRONICS ENGINEERING	<input type="checkbox"/>
123	EC373	DIGITAL SIGNAL PROCESSING	EC9304	DIGITAL SIGNAL PROCESSING	<input type="checkbox"/>
124	EC374	COMPUTER ARCHITECTURE & ORGANIZATION	EC9255	COMPUTER ARCHITECTURE AND ORGANIZATION	<input type="checkbox"/>
125	EC375	MEASUREMENTS & INSTRUMENTATION	EC9306	MEASUREMENTS AND INSTRUMENTATION	<input type="checkbox"/>
126	EC381	DIGITAL SWITCHING & TRANSMISSION	EC9032	DIGITAL SWITCHING AND TRANSMISSION	<input type="checkbox"/>
127	EC384	MEDICAL ELECTRONICS	EC9351	MEDICAL ELECTRONICS	<input type="checkbox"/>
128	EC472	VLSI DESIGN	EC9355	DIGITAL VLSI	<input type="checkbox"/>
129	EC473	OPTICAL COMMUNICATION AND NETWORKING	EC9402	OPTICAL COMMUNICATION	<input type="checkbox"/>
130	EC474	ANTENNAS AND WAVE PROPAGATION	EC9354	ANTENNA AND WAVE PROPAGATION	<input type="checkbox"/>
131	EC501	OPERATING SYSTEMS	EC9077	OPERATING SYSTEMS	<input type="checkbox"/>
132	EC507	PARALLEL AND DISTRIBUTED PROCESSING	EC9079	PARALLEL AND DISTRIBUTED PROCESSING	<input type="checkbox"/>
133	EC511	POWER ELECTRONICS	EC9047	POWER ELECTRONICS	<input type="checkbox"/>
134	EC512	OPTO ELECTRONIC DEVICES	EC9046	OPTOELECTRONIC DEVICES	<input type="checkbox"/>
135	EC514	CAD FOR VLSI	EC9045	CAD FOR VLSI	<input type="checkbox"/>
136	EC516	MICRO ELECTRO MECHANICAL SYSTEMS(MEMS)	EC9048	MEMS	<input type="checkbox"/>
137	EC518	SATELLITE COMMUNICATION	EC9031	SATELLITE COMMUNICATION	<input type="checkbox"/>
138	EC520	ELECTROMAGNETIC INTERFERENCE AND COMPATIBILITY	EC9029	EMI/EMC	<input type="checkbox"/>
139	EC521	TELECOMMUNICATION SYSTEM MODELING AND SIMULATION	EC9033	TELECOMMUNICATION SYSTEM MODELING AND SIMULATION	<input type="checkbox"/>
140	EC528	SPACE TIME WIRELESS COMMUNICAT. SYSTEM	EC9026	SPACE - TIME COMMUNICATION	<input type="checkbox"/>
141	EC533	ROBOTICS	EC9040	ROBOTICS	<input type="checkbox"/>
142	EE181	ELECTRIC CIRCUIT ANALYSIS	EE9151	ELECTRIC CIRCUIT ANALYSIS	<input type="checkbox"/>
143	EE191	ELECTRICAL & ELECTRONICS ENGG.	EE9161	BASIC ELECTRICAL & ELECTRONICS ENGG	<input type="checkbox"/>
144	EE192	ELECTRICAL ENGINEERING	EE9166	BASIC ELECTRICAL ENGG & MEASUREMENTS	<input type="checkbox"/>
145	EE271	OBJECT ORIENTED PROGRAMMING	EE9152	OBJECT ORIENTED PROGRAMMING	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
146	EE273	DIGITAL SYSTEM DESIGN	EE9204	DIGITAL SYSTEM DESIGN	<input type="checkbox"/>
147	EE274	ELECTROMAGNETIC THEORY	EE9202	ELECTROMAGNETIC THEORY	<input type="checkbox"/>
148	EE281	TRANSMISSION AND DISTRIBUTION	EE9251	TRANSMISSION AND DISTRIBUTION	<input type="checkbox"/>
149	EE282	CONTROL SYSTEMS	EE9201	CONTROL SYSTEMS	<input type="checkbox"/>
150	EE283	MEASUREMENTS & INSTRUMENTATION	EE9203	MEASUREMENTS AND INSTRUMENTATION	<input type="checkbox"/>
151	EE284	ELECTRICAL MACHINES- I	EE9253	ELECTRICAL MACHINES - I	<input type="checkbox"/>
152	EE291	ELECTRICAL ENGINEERING	EE9166	BASIC ELECTRICAL ENGG & MEASUREMENTS	<input type="checkbox"/>
153	EE292	ELECTRICAL DRIVES AND CONTROLS	EE9211	ELECTRICAL DRIVES AND CONTROL	<input type="checkbox"/>
154	EE294	ELECTRICAL ENGG.&CONTROL SYS.	EE9262	ELECTRICAL ENGINEERING AND CONTROL SYSTEMS	<input type="checkbox"/>
155	EE295	ELECTRICAL MACHINES	EE9215	ELECTRICAL ENGINEERING	<input type="checkbox"/>
156	EE371	POWER SYSTEM ANALYSIS	EE9302	POWER SYSTEM ANALYSIS	<input type="checkbox"/>
157	EE372	MICROPROCESSOR&MICROCONTROLLER	EE9252	MICROPROCESSORS AND MICROCONTROLLERS	<input type="checkbox"/>
158	EE373	ELECTRICAL MACHINES - II	EE9304	ELECTRICAL MACHINES - II	<input type="checkbox"/>
159	EE374	LINEAR INTEGRATED CIRCUITS	EE9303	LINEAR INTEGRATED CIRCUITS	<input type="checkbox"/>
160	EE375	POWER ELECTRONICS	EE9301	POWER ELECTRONICS	<input type="checkbox"/>
161	EE381	HIGH VOLTAGE ENGINEERING	EE9352	HIGH VOLTAGE ENGINEERING	<input type="checkbox"/>
162	EE382	POWER SYSTEM OPERATION AND CONTROL	EE9353	POWER SYSTEM OPERATION AND CONTROL	<input type="checkbox"/>
163	EE383	DIGITAL SIGNAL PROCESSING	EE9254	DIGITAL SIGNAL PROCESSING	<input type="checkbox"/>
164	EE384	DESIGN OF ELECTRICAL APPARATUS	EE9355	DESIGN OF ELECTRICAL APPARATUS	<input type="checkbox"/>
165	EE385	SOLID STATE DRIVES	EE9401	SOLID STATE DRIVES	<input type="checkbox"/>
166	EE472	ADVANCED TOPICS IN POWER SYSTEM	EE9039	ADVANCED POWER SYSTEM ANALYSIS	<input type="checkbox"/>
167	EE473	PROTECTION AND SWITCHGEAR	EE9306	PROTECTION AND SWITCHGEAR	<input type="checkbox"/>
168	EE481	Util.&CONSERVATION OF ELECTRICAL ENERGY	EE9402	UTILISATION AND CONSERVATION OF ELECTRICAL ENERGY	<input type="checkbox"/>
169	EE502	ADVANCED CONTROL SYSTEM	EE9048	ADVANCED CONTROL SYSTEM	<input type="checkbox"/>
170	EE504	SPECIAL ELECTRICAL MACHINES	EE9036	SPECIAL ELECTRICAL MACHINES	<input type="checkbox"/>
171	EE507	DATA COMMUNICATION AND NETWORKS	EE9354	DATA COMMUNICATION AND COMPUTER NETWORKS	<input type="checkbox"/>
172	EE509	COMPUTER ARCHITECTURE	EE9028	COMPUTER ARCHITECTURE	<input type="checkbox"/>
173	EE510	OPERATING SYSTEMS	EE9029	OPERATING SYSTEMS	<input type="checkbox"/>
174	EE511	POWER SYSTEM TRANSIENTS	EE9035	POWER SYSTEM TRANSIENTS	<input type="checkbox"/>

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175	EE513	EMBEDDED SYSTEM DESIGN	EE9351	EMBEDDED SYSTEM DESIGN	<input type="checkbox"/>
176	EE514	MOBILE COMMUNICATION	EE9042	MOBILE COMMUNICATION	<input type="checkbox"/>
177	EE515	POWER QUALITY	EE9034	POWER QUALITY	<input type="checkbox"/>
178	EE517	OPERATION RESEARCH	EE9031	OPERATIONS RESEARCH	<input type="checkbox"/>
179	EE518	VLSI DESIGN	EE9041	VLSI DESIGN	<input type="checkbox"/>
180	EE519	NEURAL NETWORK AND FUZZY LOGIC CONTROL	EE9030	SOFT COMPUTING	<input type="checkbox"/>
181	EE520	HIGH VOLTAGE DC TRANSMISSION	EE9045	HIGH VOLTAGE DIRECT CURRENT TRANSMISSION	<input type="checkbox"/>
182	EE521	CAD OF ELECTRICAL APPARATUS	EE9043	CAD FOR ELECTRICAL APPARATUS	<input type="checkbox"/>
183	GE171	ENGINEERING GRAPHICS	GE9111	ENGINEERING GRAPHICS	<input type="checkbox"/>
184	GE181	ENGINEERING MECHANICS	GE9151	ENGINEERING MECHANICS	<input type="checkbox"/>
185	GE183	ENVIRONMENTAL SCIENCE & ENGG.	GE9261	ENVIRONMENTAL SCIENCE & ENGINEERING	<input type="checkbox"/>
186	GE188	PRINCIPLES OF MANAGEMENT	IE9301	PRINCIPLES OF MANAGEMENT	<input type="checkbox"/>
187	GE381	PROFESSIONAL ETHICS IN ENGG.	GE9021	PROFESSIONAL ETHICS IN ENGINEERING	<input type="checkbox"/>
188	GE481	TOTAL QUALITY MANAGEMENT	GE9022	TOTAL QUALITY MANAGEMENT	<input type="checkbox"/>
189	GE581	INTELLECTUAL PROPERTY RIGHTS(IPR)	GE9075	INTELLECTUAL PROPERTY RIGHTS(IPR)	<input type="checkbox"/>
190	GE582	INDIAN CONSTITUTION AND SOCIETY	GE9072	INDIAN CONSTITUTION AND SOCIETY	<input type="checkbox"/>
191	GE583	CONTRACT LAWS AND REGULATIONS	GE9073	CONTRACT LAWS AND REGULATIONS	<input type="checkbox"/>
192	GI271	ENGINEERING SURVEY - I	GI9201	SURVEYING I	<input type="checkbox"/>
193	GI272	PHOTOGRAMMETRY - I	GI9203	PHOTOGRAMMETRY I	<input type="checkbox"/>
194	GI274	INFORMATICS - I	GI9204	DATABASE SYSTEMS	<input type="checkbox"/>
195	GI281	ENGINEERING SURVEY - II	GI9251	SURVEYING II	<input type="checkbox"/>
196	GI282	PHOTOGRAMMERY - II	GI9354	PHOTOGRAMMETRY II	<input type="checkbox"/>
197	GI283	INFORMATICS - II	GI9253	OBJECT ORIENTED PROGRAMMING	<input type="checkbox"/>
198	GI284	CARTOGRAPHY	GI9202	CARTOGRAPHY	<input type="checkbox"/>
199	GI285	HYDROLOGY AND WATER RESOURCES ENGG.	AI9252	HYDROLOGY AND WATER RESOURCES ENGINEERING	<input type="checkbox"/>
200	GI371	ENGINEERING SURVEY - III	GI9301	SURVEYING III	<input type="checkbox"/>
201	GI372	SURVEY ADJUSTMENT	GI9352	SURVEY ADJUSTMENTS	<input type="checkbox"/>
202	GI373	GEODESY	GI9304	GEODESY	<input type="checkbox"/>
203	GI374	GEOGRAPHICAL INFORMATION SYSTEM - I	GI9305	GEOGRAPHICAL INFORMATION SYSTEM I	<input type="checkbox"/>

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204	GI381	DIGITAL IMAGE PROCESSING	GI9252	DIGITAL IMAGE PROCESSING	<input type="checkbox"/>
205	GI382	SATELLITE GEODESY	GI9351	SATELLITE GEODESY	<input type="checkbox"/>
206	GI383	ELECTRONIC SURVEYING	GI9254	ELECTRONIC SURVEYING	<input type="checkbox"/>
207	GI384	GEOGRAPHICAL INFORMATION SYSTEM - II	GI9353	GEOGRAPHICAL INFORMATION SYSTEM II	<input type="checkbox"/>
208	GI471	DIGITAL PHOTOGRAMMETRY	GI9402	DIGITAL PHOTOGRAMMETRY	<input type="checkbox"/>
209	GI472	CADASTRAL SURVEYING	GI9303	CADASTRAL SURVEYING	<input type="checkbox"/>
210	GI481	GIS APPLICATIONS	GI9403	GEOGRAPHICAL INFORMATION SYSTEM APPLICATIONS	<input type="checkbox"/>
211	GI501	CLOSE RANGE PHOTOGRAMMETRY	GI9021	CLOSE RANGE PHOTOGRAMMETRY	<input type="checkbox"/>
212	GI502	ADVANCED CARTOGRAPHY	GI9022	ADVANCED CARTOGRAPHY	<input type="checkbox"/>
213	GI503	ADVANCED SURVEY ADJUSTMENT	GI9023	ADVANCED SURVEY ADJUSTMENT	<input type="checkbox"/>
214	GI504	REMOTE SENSING AND GIS FOR HYDROLOGY AND WATER RESOURCES	GI9025	REMOTE SENSING AND GIS FOR HYDROLOGY AND WATER RESOURCES	<input type="checkbox"/>
215	GI505	R.S & GIS FOR OCEAN ENGG & COASTAL ZONE MGMT	GI9026	REMOTE SENSING AND GIS FOR OCEAN ENGINEERING AND COASTAL ZONE MANAGEMENT	<input type="checkbox"/>
216	GI506	REMOTE SENSING &GIS FOR ENV. MONITORING	GI9027	REMOTE SENSING AND GIS FOR ENVIRONMENTAL MONITORING	<input type="checkbox"/>
217	GI507	REMOTE SENSING & GIS FOR URBAN & REGIONAL PLAN.	GI9028	REMOTE SENSING AND GIS FOR URBAN AND REGIONAL PLANNING	<input type="checkbox"/>
218	GI508	REMOTE SENSING & GIS FOR EARTH SCIENCES	GI9029	REMOTE SENSING AND GIS FOR EARTH SCIENCES	<input type="checkbox"/>
219	GI509	MICROWAVE REMOTE SENSING APPLICATIONS	GI9302	MICROWAVE REMOTE SENSING	<input type="checkbox"/>
220	GI510	REMOTE SENSING & GIS FOR AGRI.&FORESTRY	GI9030	REMOTE SENSING AND GIS FOR AGRICULTURE AND FORESTRY	<input type="checkbox"/>
221	GI511	AIRBORNE LASER TERRAIN MAPPING	GI9024	AIRBORNE LASER TERRAIN MAPPING	<input type="checkbox"/>
222	GI512	REMOTE SENSING AND GIS FOR METEOROLOGY	GI9031	REMOTE SENSING AND GIS FOR METEOROLOGY	<input type="checkbox"/>
223	GI513	REMOTE SENSING AND GIS FOR DIASTER MITIGATION AND MANAGEMENT	GI9033	REMOTE SENSING AND GIS FOR DISASTER MITIGATION AND MANAGEMENT	<input type="checkbox"/>
224	GI514	Rem. Sens.&GIS FOR TRANSPORTATION PLAN.	GI9032	REMOTE SENSING AND GIS FOR TRANSPORTATION PLANNING	<input type="checkbox"/>
225	HS171	ENGLISH I	HS9111	TECHNICAL ENGLISH-I	<input type="checkbox"/>
226	HS181	ENGLISH - II	HS9161	TECHNICAL ENGLISH - II	<input type="checkbox"/>
227	HS501	EFFECTIVE COMMUNICATION AND SOFT SKILLS	GE9371	COMMUNICATION SKILLS & SOFT SKILLS LAB	<input type="checkbox"/>
228	IE272	METROLOGY AND INSPECTION	MF9252	ENGINEERING METROLOGY	<input type="checkbox"/>
229	IE281	DETERMINISTIC O.R.	IE9202	OPERATIONS RESEARCH I	<input type="checkbox"/>
230	IE282	WORK DESIGN	IE9201	WORK SYSTEM DESIGN	<input type="checkbox"/>
231	IE371	PRODUCTION PLANNING & CONTROL	IE9355	PRODUCTION PLANNING AND CONTROL	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
232	IE373	ENGINEERING QUALITY CONTROL	IE9303	STATISTICAL QUALITY CONTROL	<input type="checkbox"/>
233	IE374	APPLIED ERGONOMICS	IE9304	APPLIED ERGONOMICS	<input type="checkbox"/>
234	IE375	PROBABILISTIC OPERATIONS RESEARCH	IE9302	OPERATIONS RESEARCH II	<input type="checkbox"/>
235	IE382	MANUFACTURING AUTOMATION	IE9305	MANUFACTURING AUTOMATION	<input type="checkbox"/>
236	IE383	SYSTEMS ENGINEERING	IE9032	SYSTEMS ENGINEERING	<input type="checkbox"/>
237	IE384	FACILITY LAYOUT AND MATERIALS HANDLING	IE9354	FACILITY LAYOUT AND MATERIALS HANDLING	<input type="checkbox"/>
238	IE471	ADVANCED MANUFACTURING SYSTEMS	IE9352	PRINCIPLES OF COMPUTER INTEGRATED MANUFACTURING SYSTEMS	<input type="checkbox"/>
239	IE472	SYSTEM SIMULATION	IE9402	SIMULATION MODELING AND ANALYSIS	<input type="checkbox"/>
240	IE481	DESIGN OF INDUSTRIAL EXPERIMENTS	IE9401	DESIGN OF EXPERIMENTS	<input type="checkbox"/>
241	IE482	RELIABILITY ENGINEERING	IE9353	RELIABILITY ENGINEERING	<input type="checkbox"/>
242	IE501	INDUSTRIAL SCHEDULING	IE9403	OPERATIONS SCHEDULING	<input type="checkbox"/>
243	IE502	MAINTENENCE ENGINEERING AND MANAGEMENT	IE9034	MAINTENANCE ENGINEERING & MANAGEMENT	<input type="checkbox"/>
244	IE503	INDUSTRIAL ROBOTICS	MF9031	ROBOTICS	<input type="checkbox"/>
245	IE504	COMPUTATIONAL METHODS AND ALGORITHMS	IE9029	COMPUTATIONAL METHODS AND ALGORITHMS	<input type="checkbox"/>
246	IE505	DECISION SUPPORT AND INTELLIGENT SYSTEMS	IE9030	DECISION SUPPORT AND INTELLIGENT SYSTEMS	<input type="checkbox"/>
247	IE506	MODELLING OF MANUFACTURING SYSTEMS	IE9028	MODELING OF MANUFACTURING SYSTEMS	<input type="checkbox"/>
248	IE507	ADVANCED OPTIMIZATION TECHNIQUES	IE9025	ADVANCED OPTIMIZATION TECHNIQUES	<input type="checkbox"/>
249	IE508	EVOLUTIONARY OPTIMIZATION	IE9031	EVOLUTIONARY OPTIMIZATION	<input type="checkbox"/>
250	IE509	PRODUCT DESIGN AND DEVELOPMENT	MF9021	PRODUCT DESIGN AND DEVELOPMENT	<input type="checkbox"/>
251	IE510	PRODUCTIVITY MANAGEMENT &RE-ENGG.	IE9021	PRODUCTIVITY MANAGEMENT AND RE-ENGINEERING	<input type="checkbox"/>
252	IE511	VALUE ENGINEERING & PROJECT MGMT.	IE9026	VALUE ENGINEERING AND PROJECT MANAGEMENT	<input type="checkbox"/>
253	IE512	SAFETY ENGINEERING AND MANAGEMENT	IE9022	SAFETY ENGINEERING AND MANAGEMENT	<input type="checkbox"/>
254	IE513	SUPPLY CHAIN MANGEMENT	IE9033	SUPPLY CHAIN MANAGEMENT	<input type="checkbox"/>
255	IE514	DESIGN OF INFORMATION SYSTEMS	IE9024	INFORMATION SYSTEMS ANALYSIS AND DESIGN	<input type="checkbox"/>
256	IE515	MULTI-VARIATE ANALYSIS	IE9351	MULTI-VARIATE STATISTICAL ANALYSIS	<input type="checkbox"/>
257	IE516	HUMAN RESOURCE MANAGEMENT	IE9023	HUMAN RESOURCE MANAGEMENT	<input type="checkbox"/>
258	IT271	DATABASE MANAGEMENT SYSTEMS	CS9202	DATABASE MANAGEMENT SYSTEMS	<input type="checkbox"/>
259	IT272	COMPUTER ORGANIZATION	IT9201	COMPUTER ORGANIZATION	<input type="checkbox"/>
260	IT274	SOFTWARE ENGINEERING	CS9254	SOFTWARE ENGINEERING	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
261	IT282	MICROPROCESSORS & MICROCONTROLLERS	CS9251	MICROPROCESSORS AND MICRO CONTROLLERS	<input type="checkbox"/>
262	IT283	OPERATING SYSTEMS	CS9252	OPERATING SYSTEMS	<input type="checkbox"/>
263	IT373	GRAPHICS AND MULTIMEDIA	CS9401	GRAPHICS AND MULTIMEDIA	<input type="checkbox"/>
264	IT374	COMPUTER NETWORKS	IT9303	COMPUTER NETWORKS	<input type="checkbox"/>
265	IT375	DIGITAL SIGNAL PROCESSING	CS9351	DIGITAL SIGNAL PROCESSING	<input type="checkbox"/>
266	IT381	SOFTWARE PROJECT MANAGEMENT	IT9301	SOFTWARE PROJECT MANAGEMENT	<input type="checkbox"/>
267	IT384	MOBILE COMPUTING	IT9352	WIRELESS NETWORKS	<input type="checkbox"/>
268	IT385	VISUAL PROGRAMMING	IT9021	VISUAL PROGRAMMING	<input type="checkbox"/>
269	IT471	SOFTWARE TESTING	IT9401	SOFTWARE TESTING	<input type="checkbox"/>
270	IT482	EMBEDDED SYSTEMS	IT9252	EMBEDDED SYSTEMS	<input type="checkbox"/>
271	IT504	IMAGE PROCESSING	IT9024	DIGITAL IMAGE PROCESSING	<input type="checkbox"/>
272	IT510	THEORY OF COMPUTATION	CS9302	THEORY OF COMPUTATION	<input type="checkbox"/>
273	IT513	ENTERPRISE RESOURCE PLANNING	IT9032	ENTERPRISE RESOURCE PLANNING	<input type="checkbox"/>
274	IT515	DISTRIBUTED SYSTEMS	IT9304	DISTRIBUTED SYSTEMS	<input type="checkbox"/>
275	IT517	REAL TIME SYSTEMS	CS9077	REAL TIME SYSTEMS	<input type="checkbox"/>
276	IT524	UNIX INTERNALS	CS9023	UNIX INTERNALS	<input type="checkbox"/>
277	IT527	ARTIFICIAL INTELLIGENCE	IT9023	ARTIFICIAL INTELLIGENCE	<input type="checkbox"/>
278	MA171	MATHEMATICS - I	MA9111	MATHEMATICS-I	<input type="checkbox"/>
279	MA181	MATHEMATICS - II	MA9161	MATHEMATICS - II	<input type="checkbox"/>
280	MA271	MATHEMATICS - III	MA9211	MATHEMATICS III	<input type="checkbox"/>
281	MA501	DISCRETE MATHEMATICS	MA9265	DISCRETE MATHEMATICS	<input type="checkbox"/>
282	MA502	NUMERICAL METHODS	MA9262	NUMERICAL METHODS	<input type="checkbox"/>
283	MA503	PROBABILITY AND STATISTICS	MA9261	PROBABILITY & STATISTICS	<input type="checkbox"/>
284	MA504	RANDOM PROCESSES	MA9263	PROBABILITY AND RANDOM PROCESSES	<input type="checkbox"/>
285	MA505	PROBABILITY & QUEUING THEORY	MA9266	PROBABILITY AND QUEUING THEORY	<input type="checkbox"/>
286	ME271	ENGINEERING THERMODYNAMICS	ME9202	ENGINEERING THERMODYNAMICS	<input type="checkbox"/>
287	ME272	MANUFACTURING TECHNOLOGY - I	ME9201	MANUFACTURING TECHNOLOGY I	<input type="checkbox"/>
288	ME281	KINEMATICS OF MACHINES	ME9203	KINEMATICS OF MACHINES	<input type="checkbox"/>
289	ME282	ENGINEERING MATERIALS & METALLURGY	ME9252	ENGINEERING MATERIALS AND METALLURGY	<input type="checkbox"/>
290	ME283	MANUFACTURING TECHNOLOGY - II	ME9251	MANUFACTURING TECHNOLOGY II	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
291	ME283	MANUFACTURING TECHNOLOGY - II	MF9201	MANUFACTURING PROCESSES I	<input type="checkbox"/>
292	ME284	THERMAL ENGINEERING - I	ME9254	THERMAL ENGINEERING I	<input type="checkbox"/>
293	ME371	GAS DYNAMICS AND JET PROPULSION	ME9026	GAS DYNAMICS AND JET PROPULSION	<input type="checkbox"/>
294	ME372	HYDRAULICS AND PNEUMATICS	ME9303	HYDRAULICS AND PNEUMATICS	<input type="checkbox"/>
295	ME373	DYNAMICS OF MACHINES	ME9253	DYNAMICS OF MACHINES	<input type="checkbox"/>
296	ME374	DESIGN OF MACHINE ELEMENTS	ME9261	MACHINE DESIGN	<input type="checkbox"/>
297	ME374	DESIGN OF MACHINE ELEMENTS	ME9305	DESIGN OF MACHINE ELEMENTS	<input type="checkbox"/>
298	ME375	ENGINEERING METROLOGY & MEASUREMENTS	ME9306	METROLOGY & MEASUREMENTS	<input type="checkbox"/>
299	ME381	DESIGN OF JIGS FIXTURES AND PRESS TOOLS	ME9301	DESIGN OF JIGS, FIXTURES & PRESS TOOLS	<input type="checkbox"/>
300	ME382	THERMAL ENGINEERING - II	ME9302	THERMAL ENGINEERING II	<input type="checkbox"/>
301	ME383	MICROPROCESSORS AND INTERFACING	ME9352	MICROPROCESSOR & MICROCONTROLLER	<input type="checkbox"/>
302	ME384	DESIGN OF TRANSMISSION SYSTEMS	ME9353	DESIGN OF TRANSMISSION SYSTEMS	<input type="checkbox"/>
303	ME471	HEAT AND MASS TRANSFER	ME9355	HEAT AND MASS TRANSFER	<input type="checkbox"/>
304	ME472	MECHATRONICS	ME9402	MECHATRONICS	<input type="checkbox"/>
305	ME473	FINITE ELEMENT ANALYSIS	ME9351	FINITE ELEMENT ANALYSIS	<input type="checkbox"/>
306	ME481	NEWER MACHINING PROCESSES	ME9304	MODERN MACHINING PROCESSES	<input type="checkbox"/>
307	ME482	POWER PLANT ENGINEERING	ME9401	POWER PLANT ENGINEERING	<input type="checkbox"/>
308	ME483	INDUSTRIAL MANAGEMENT	MG9362	INDUSTRIAL MANAGEMENT	<input type="checkbox"/>
309	ME501	AUTOMOBILE ENGINEERING	ME9029	AUTOMOBILE ENGINEERING	<input type="checkbox"/>
310	ME502	THEORY OF METAL FORMING	ME9041	THEORY OF METAL FORMING	<input type="checkbox"/>
311	ME503	TURBO MACHINERY	ME9031	TURBO MACHINERY	<input type="checkbox"/>
312	ME504	DESIGN OF PRESSURE VESSELS AND PIPING	ME9034	DESIGN OF PRESSURE VESSEL AND PIPING	<input type="checkbox"/>
313	ME506	ENTREPRENEURSHIP DEVELOPMENT	MG9072	ENTREPRENEURSHIP DEVELOPMENT	<input type="checkbox"/>
314	ME507	MECHANICAL VIBRATIONS	ME9024	MECHANICAL VIBRATIONS AND NOISE	<input type="checkbox"/>
315	ME508	ADV. WELDING &CASTING PROCESSES	ME9023	ADVANCED WELDING AND CASTING PROCESSES	<input type="checkbox"/>
316	ME509	REFRIGIRATION AND AIR-CONDITIONING	ME9037	REFRIGERATION AND AIR-CONDITIONING	<input type="checkbox"/>
317	ME510	MARKETING MANAGEMENT	MG9071	MARKETING MANAGEMENT	<input type="checkbox"/>
318	ME511	DESIGN OF HEAT EXCHANGERS	ME9039	DESIGN OF HEAT EXCHANGERS	<input type="checkbox"/>
319	ME512	OPERATIONS RESEARCH	ME9027	MANAGEMENT SCIENCE	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
320	ME513	INDUSTRIAL TRIBOLOGY	ME9030	INDUSTRIAL TRIBOLOGY	<input type="checkbox"/>
321	ME514	ENERGY CONSERVATION AND MANAGEMENT	ME9021	ENERGY CONSERVATION & MANAGEMENT	<input type="checkbox"/>
322	ME516	COMPUTATIONAL FLUID DYNAMICS	ME9032	COMPUTATIONAL FLUID DYNAMICS	<input type="checkbox"/>
323	ME517	NEW AND RENEWABLE SOURCES OF ENERGY	ME9022	NEW AND RENEWABLE SOURCES OF ENERGY	<input type="checkbox"/>
324	ME518	ADVANCED INTERNAL COMBUSTION ENGG.	ME9036	ADVANCED IC ENGINES	<input type="checkbox"/>
325	ME550	MECHANICS OF MACHINES	ME9211	MECHANICS OF MACHINES	<input type="checkbox"/>
326	ME551	THERMODYNAMICS	ME9215	THERMODYNAMICS	<input type="checkbox"/>
327	ME552	DESIGN OF MACHINE ELEMENTS	ME9305	DESIGN OF MACHINE ELEMENTS	<input type="checkbox"/>
328	MI181	MINE DEVELOPMENT	MI9151	MINE DEVELOPMENT	<input type="checkbox"/>
329	MI281	ENVIRONMENTAL ENGINEERING - I	MI9252	MINE ENVIRONMENTAL ENGINEERING I	<input type="checkbox"/>
330	MI282	MINING MACHINERY - I	MI9251	MINING MACHINERY I	<input type="checkbox"/>
331	MI371	ENVIRONMENTAL ENGINEERING - II	MI9301	MINE ENVIRONMENTAL ENGINEERING II	<input type="checkbox"/>
332	MI372	ROCK MECHANICS AND GROUND CONTROL - I	MI9302	ROCK MECHANICS & GROUND CONTROL I	<input type="checkbox"/>
333	MI373	SURVEYING - II	MI9303	SURVEYING II	<input type="checkbox"/>
334	MI374	SURFACE MINING	MI9304	SURFACE MINING	<input type="checkbox"/>
335	MI375	UNDERGROUND MINING METHODS (COAL)	MI9305	UNDERGROUND METHODS OF MINING (COAL)	<input type="checkbox"/>
336	MI381	MINING MACHINERY - II	MI9351	MINING MACHINERY II	<input type="checkbox"/>
337	MI382	UNDERGROUND MINING METHODS (METALS)	MI9352	UNDERGROUND MINING METHODS (METAL)	<input type="checkbox"/>
338	MI383	ROCK MECHANICS AND GROUND CONTROL - II	MI9353	ROCK MECHANICS & GROUND CONTROL II	<input type="checkbox"/>
339	MI384	MINERAL PROCESSING	MI9354	MINERAL PROCESSING	<input type="checkbox"/>
340	MI471	MINE ECONOMICS AND INVESTMENT	MI9402	MINE ECONOMICS AND INVESTMENT	<input type="checkbox"/>
341	MI472	COMPUTER APPLICATIONS IN MINING	MI9403	COMPUTER APPLICATIONS IN MINING	<input type="checkbox"/>
342	MI473	MINE LEGISLATION AND SAFETY	MI9404	MINE LEGISLATION AND SAFETY	<input type="checkbox"/>
343	MI474	ENVIRONMENTAL ENGINEERING - III	MI9405	MINE ENVIRONMENTAL ENGINEERING - III	<input type="checkbox"/>
344	MI481	MINE PLANNING AND DESIGN	MI9401	MINE PLANNING AND DESIGN	<input type="checkbox"/>
345	MI505	NUMERICAL METHODS IN MINING ENGINEERING	MI9024	NUMERICAL METHODS IN MINING ENGINEERING	<input type="checkbox"/>
346	MI506	ADVANCED SURFACE MINING	MI9025	ADVANCED SURFACE MINING	<input type="checkbox"/>
347	MI507	PETROLEUM ENGINEERING	AG9072	PETROLEUM ENGINEERING	<input type="checkbox"/>
348	MI508	LONGWALL MINING	MI9026	LONGWALL MINING	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
349	MI510	MATERIAL HANDLING	MI9028	MATERIAL HANDLING	<input type="checkbox"/>
350	MI512	SUBSIDENCE ENGINEERING	MI9029	SUBSIDENCE ENGINEERING	<input type="checkbox"/>
351	MI513	SMALL SCALE AND MARINE MINING	MI9030	SMALL SCALE & MARINE MINING	<input type="checkbox"/>
352	MI515	DRILLING AND BLASTING	MI9031	DRILLING & BLASTING	<input type="checkbox"/>
353	MI516	ROCK REINFORCEMENT	MI9032	ROCK REINFORCEMENT	<input type="checkbox"/>
354	MI517	ROCK SLOPE ENGINEERING	MI9033	ROCK SLOPE ENGINEERING	<input type="checkbox"/>
355	MI520	OBJECT ORIENTED PROGRAMMING	CS9079	OBJECT ORIENTED PROGRAMMING	<input type="checkbox"/>
356	MI521	MATERIAL MANGEMENT	MI9035	MATERIAL MANAGEMENT	<input type="checkbox"/>
357	ML271	MATERIALS STRUCTURE & PROPERTIES	ML9204	MATERIALS STRUCTURE AND PROPERTIES	<input type="checkbox"/>
358	ML272	PRIMARY PROCESSING OF IRON & STEEL	ML9252	PRIMARY PROCESSING OF IRON AND STEEL	<input type="checkbox"/>
359	ML281	MECHANICAL METALLURGY	ML9251	MECHANICAL METALLURGY	<input type="checkbox"/>
360	ML282	THERMODYNAMICS&KINETICS OF MATERIALS	ML9202	THERMODYNAMICS AND KINETICS OF MATERIALS	<input type="checkbox"/>
361	ML283	NON-FERROUS METALLURGY	ML9253	NON FERROUS METALLURGY	<input type="checkbox"/>
362	ML284	POWDER METALLURGY	ML9254	POWDER METALLURGY	<input type="checkbox"/>
363	ML285	SOLID STATE PHYSICS	ML9255	SOLID STATE PHYSICS	<input type="checkbox"/>
364	ML286	POLYMER PROCESS ENGINEERING	ML9256	POLYMER PROCESS ENGINEERING	<input type="checkbox"/>
365	ML287	FOUNDRY AND MACHINING	ML9201	FOUNDRY AND MACHINING	<input type="checkbox"/>
366	ML371	THEORY & APPLICATIONS OF METAL FORMING	ML9301	THEORY AND APPLICATIONS OF METAL FORMING	<input type="checkbox"/>
367	ML372	MATERIALS ASPECTS IN DESIGN	ML9302	MATERIALS ASPECTS IN DESIGN	<input type="checkbox"/>
368	ML373	CHARACTERIZATION OF MATERIALS	ML9303	CHARACTERIZATION OF MATERIALS	<input type="checkbox"/>
369	ML374	HEAT TREATMENT OF METALS AND ALLOYS	ML9304	HEAT TREATMENT OF METALS AND ALLOYS	<input type="checkbox"/>
370	ML375	INTRODUCTION TO NANOTECHNOLOGY	ML9305	INTRODUCTION TO NANOTECHNOLOGY	<input type="checkbox"/>
371	ML376	CORROSION AND SURFACE ENGINEERING	ML9306	CORROSION AND SURFACE ENGINEERING	<input type="checkbox"/>
372	ML381	BIO AND SMART MATERIALS	ML9351	BIO AND SMART MATERIALS	<input type="checkbox"/>
373	ML382	CREEP AND FATIGUE BEHAVIOUR OF MATERIALS	ML9352	CREEP AND FATIGUE BEHAVIOR OF MATERIALS	<input type="checkbox"/>
374	ML383	COMPOSITE MATERIALS	ML9353	COMPOSITE MATERIALS	<input type="checkbox"/>
375	ML471	COMPUTER APPLICATION IN MATERIALS SCIENCE	ML9401	COMPUTER APPLICATIONS IN MATERIALS SCIENCE	<input type="checkbox"/>
376	ML472	NON DESTRUCTIVE MATERIAL EVALUATION	ML9402	NON DESTRUCTIVE MATERIALS EVALUATION	<input type="checkbox"/>
377	ML473	WELDING METALLURGY	ML9403	WELDING METALLURGY	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
378	ML501	METALLURGY OF TOOLS MATERIALS	ML9021	METALLURGY OF TOOLS MATERIALS	<input type="checkbox"/>
379	ML502	PHYSICAL METALLURGY OF FERROUS AND ALUMINUM ALLOYS	ML9022	PHYSICAL METALLURGY OF FERROUS AND ALUMINIUM ALLOYS	<input type="checkbox"/>
380	ML503	AUTOMOTIVE MATERIALS	ML9023	AUTOMOTIVE MATERIALS	<input type="checkbox"/>
381	ML504	BIOMEDICAL MATERIALS	ML9024	BIOMEDICAL MATERIALS	<input type="checkbox"/>
382	ML505	CERAMICS AND REFRACTORY MATERIALS	ML9025	CERAMICS AND REFRACTORY MATERIALS	<input type="checkbox"/>
383	ML506	ELECTRON MICROSCOPY AND DIFFRACTION ANALYSIS OF MATERIALS	ML9026	ELECTRON MICROSCOPY AND DIFFRACTION ANALYSIS OF MATERIALS	<input type="checkbox"/>
384	ML507	MODELING AND SIMULATION IN MATERIALS ENGINEERING	ML9027	MODELING AND SIMULATION IN MATERIALS ENGINEERING	<input type="checkbox"/>
385	ML508	EXPERIMENTAL TECHNIQUES IN MACHINING	ML9028	EXPERIMENTAL TECHNIQUES IN MACHINING	<input type="checkbox"/>
386	ML509	FUELS FURNACES AND REFRACTORIES	ML9029	FUELS FURNACES AND REFRACTORIES	<input type="checkbox"/>
387	ML510	EXPERIMENTAL STRESS ANALYSIS	ML9030	EXPERIMENTAL STRESS ANALYSIS	<input type="checkbox"/>
388	ML511	MICRO AND NANOMECHANICAL PROPERTIES OF MATERIALS	ML9031	MICRO AND NANOMECHANICAL PROPERTIES OF MATERIALS	<input type="checkbox"/>
389	ML512	ALLOY CASTING PROCESS	ML9032	ALLOY CASTING PROCESSES	<input type="checkbox"/>
390	ML513	ROLLING AND FORGING TECHNOLOGY	ML9033	ROLLING AND FORGING TECHNOLOGY	<input type="checkbox"/>
391	ML514	LASER PROCESSING OF MATERIALS	ML9034	LASER PROCESSING OF MATERIALS	<input type="checkbox"/>
392	ML515	CRYOGENIC TREATMENT OF MATERIALS	ML9035	CRYOGENIC TREATMENT OF MATERIALS	<input type="checkbox"/>
393	ML516	MATERIALS HANDLING SYSTEMS	ML9036	MATERIALS HANDLING SYSTEMS	<input type="checkbox"/>
394	ML517	PRINCIPLES OF METAL CUTTING	ML9037	PRINCIPLES OF METAL CUTTING	<input type="checkbox"/>
395	ML518	COMPUTER AIDED DESIGN	ML9038	COMPUTER AIDED DESIGN	<input type="checkbox"/>
396	ML519	POLYMER RHEOLOGY	ML9039	POLYMER RHEOLOGY	<input type="checkbox"/>
397	ML520	FRACTURE MECHANICS AND FAILURE ANALYSIS	ML9042	FRACTURE MECHANICS AND FAILURE ANALYSIS	<input type="checkbox"/>
398	MN273	MANUFACTURING PROCESSES - I	MF9251	MANUFACTURING PROCESSES II	<input type="checkbox"/>
399	MN281	ENGG. MATERIALS & METALLURGY	ME9252	ENGINEERING MATERIALS AND METALLURGY	<input type="checkbox"/>
400	MN284	MANUFACTURING PROCESSES - II	MF9201	MANUFACTURING PROCESSES I	<input type="checkbox"/>
401	MN371	ENGINEERING METROLOGY	MF9252	ENGINEERING METROLOGY	<input type="checkbox"/>
402	MN372	CNC TECHNOLOGY	MF9305	CNC MACHINING TECHNOLOGY	<input type="checkbox"/>
403	MN374	COMPUTER AIDED DESIGN	MF9304	COMPUTER AIDED DESIGN	<input type="checkbox"/>
404	MN375	HYDRAULICS&PNEUMATIC CONTROLS	ME9303	HYDRAULICS AND PNEUMATICS	<input type="checkbox"/>
405	MN471	FLEXIBLE MANUFACTURING SYSTEMS	MF9402	FLEXIBLE MANUFACTURING SYSTEMS	<input type="checkbox"/>
406	MN472	VALUE ENGINEERING AND REENGINEERING	MF9034	VALUE ENGINEERING AND REENGINEERING	<input type="checkbox"/>

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SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
407	MN481	COMPUTER Integ. PROD. MGMT SYSTEM	MF9351	COMPUTER INTEGRATED PRODUCTION MANAGEMENT SYSTEM	<input type="checkbox"/>
408	MN501	DESIGN OF MANUFACTURE	ME9025	DESIGN FOR MANUFACTURING	<input type="checkbox"/>
409	MN502	FEA OF MANUFACTURING PROCESSES	ME9351	FINITE ELEMENT ANALYSIS	<input type="checkbox"/>
410	MN503	ELECTRONICS MANUFACTURING TECH.	MF9035	ELECTRONICS MANUFACTURING TECHNOLOGY	<input type="checkbox"/>
411	MN504	ADVANCED CASTING AND WELDING PROCESSES	MF9301	CASTING AND WELDING TECHNOLOGY	<input type="checkbox"/>
412	MN505	NON DESTRUCTIVE TESTING	MF9022	NON DESTRUCTIVE TESTING	<input type="checkbox"/>
413	MN506	RAPID PROTOTYPING	MF9023	RAPID PROTOTYPING	<input type="checkbox"/>
414	MN507	ROBOTICS	MF9031	ROBOTICS	<input type="checkbox"/>
415	MN508	ARTIFICIAL INTELLIGENCE	MF9032	ARTIFICIAL INTELLIGENCE	<input type="checkbox"/>
416	MN509	COMPUTER SIMULATION	MF9024	COMPUTER SIMULATION	<input type="checkbox"/>
417	MN510	QUALITY CONTROL AND RELIABILITY ENGINEERING	MF9025	QUALITY CONTROL AND RELIABILITY ENGINEERING	<input type="checkbox"/>
418	MN517	PROCESS PLAN. & COST ESTIMATION	MF9026	PROCESSES PLANNING AND COST ESTIMATION	<input type="checkbox"/>
419	MN518	Process.OF PLASTICS&COMPOSITE MATERIALS	MF9027	PROCESSING OF PLASTICS AND COMPOSITE MATERIALS	<input type="checkbox"/>
420	MN519	NUCLEAR ENGINEERING	MF9028	NUCLEAR ENGINEERING	<input type="checkbox"/>
421	MN520	TOTAL PRODUCTIVE MAINTENANCE	MF9029	TOTAL PRODUCTIVE MAINTENANCE	<input type="checkbox"/>
422	MN521	MICRO MACHINING	MF9030	MICRO MACHINING PROCESSES	<input type="checkbox"/>
423	MN522	INTEGRATED PRODUCT DESIGN & DEVELOPMENT	MF9021	PRODUCT DESIGN AND DEVELOPMENT	<input type="checkbox"/>
424	PH171	PHYSICS - I	PH9111	ENGINEERING PHYSICS	<input type="checkbox"/>
425	PH181	PHYSICS - II	PH9161	PHYSICS FOR CIVIL ENGINEERING	<input type="checkbox"/>
426	PH181	PHYSICS - II	PH9164	PHYSICS OF MATERIALS	<input type="checkbox"/>
427	PH182	PHYSICS FOR GEOINFORMATICS	PH9162	PHYSICS FOR GEOINFORMATICS	<input type="checkbox"/>
428	PH183	MATERIAL SCIENCE	PH9164	PHYSICS OF MATERIALS	<input type="checkbox"/>
429	PH183	MATERIAL SCIENCE	PH9165	MATERIAL SCIENCE	<input type="checkbox"/>
430	PH183	MATERIAL SCIENCE	PH9166	PHYSICS FOR PRINTING TECHNOLOGY	<input type="checkbox"/>
431	PH184	PHYSICS FOR ELECTRICAL ENGINEERING	PH9167	PHYSICS OF ELECTRICAL AND ELECTRONICS MATERIALS	<input type="checkbox"/>
432	PH185	PHYSICS FOR COMMUNICATION ENGG.	PH9168	PHYSICS FOR COMMUNICATION ENGINEERING	<input type="checkbox"/>
433	PH186	PHYSICS FOR AGRICULTURAL ENGG.	PH9163	PHYSICS FOR AGRICULTURAL ENGINEERING	<input type="checkbox"/>
434	PT271	DESIGN.& PLAN.FOR PRINT PRODUCTION	PT9201	DESIGNING AND PLANNING FOR PRINT PRODUCTION	<input type="checkbox"/>
435	PT272	IMAGING TECHNOLOGY	PT9202	IMAGING TECHNOLOGY	<input type="checkbox"/>

Verified by :

CEG EQUIVALENT LIST FOR 2004 U.G FULL TIME

SL NO	SUB CODE	SUBJECT NAME	Equ. Subcode	SUBJECT NAME	
436	PT281	PRINTING INKS	PT9301	PRINTING INKS	<input type="checkbox"/>
437	PT282	FLEXOGRAPHIC PRINTING	PT9252	FLEXOGRAPHIC PRINTING	<input type="checkbox"/>
438	PT284	FILM ASSEMBLY AND PLATEMAKING	PT9254	OFFSET PLATEMAKING	<input type="checkbox"/>
439	PT371	PAPER AND BOARD	PT9352	PAPER AND BOARD	<input type="checkbox"/>
440	PT372	PRINT FINISHING	PT9304	PRINT FINISHING	<input type="checkbox"/>
441	PT373	COLOUR REPRODUCTION	PT9253	COLOUR REPRODUCTION	<input type="checkbox"/>
442	PT374	SHEETFED OFFSET TECNOLOGY	PT9251	SHEETFED OFFSET TECHNOLOGY	<input type="checkbox"/>
443	PT381	WEB OFFSET TECHNOLOGY	PT9305	WEB OFFSET TECHNOLOGY	<input type="checkbox"/>
444	PT383	PACKAGING TECHNOLOGY	PT9302	PACKAGING TECHNOLOGY	<input type="checkbox"/>
445	PT384	COST ESTIMATION	PT9353	COST ESTIMATION FOR PRINTING	<input type="checkbox"/>
446	PT471	PACKAGING MATERIALS	PT9401	PACKAGING MATERIALS	<input type="checkbox"/>
447	PT472	SCHEDULING & PLAN. FOR PRINT PRODUCTION	PT9402	SCHEDULING & PLANNING FOR PRINT PRODUCTION	<input type="checkbox"/>
448	PT481	PRINTING MACHINERY MAINTENANCE	PT9027	PRINTING MACHINERY MAINTENANCE	<input type="checkbox"/>
449	PT501	COLOUR MANAGEMENT	PT9026	COLOUR MANAGEMENT	<input type="checkbox"/>
450	PT502	ADVERTISING TECHNIQUES	PT9025	ADVERTISING TECHNIQUES	<input type="checkbox"/>
451	PT504	QUALITY CONTROL IN PRINTING	PT9028	QUALITY CONTROL IN PRINTING	<input type="checkbox"/>
452	PT505	VISUAL COMMUNICATION	PT9021	VISUAL COMMUNICATION	<input type="checkbox"/>
453	PT508	NEWSPAPER AND PERIODICAL PUBLISHING	PT9023	NEWSPAPER AND PERIODICAL PUBLISHING	<input type="checkbox"/>
454	PT509	MASS COMMUNICATION	PT9022	MASS COMMUNICATION	<input type="checkbox"/>
455	PT514	BOOK PUBLISHING	PT9024	BOOK PUBLISHING	<input type="checkbox"/>

Verified by :