

CRITERION 1

CURRICULAR ASPECTS

1.3: Curriculum Enrichment

List of Courses Including Experiential Learning 2017-18

S N	Program Code	Total Courses that Include in experienced learning through projects/internships/Field Works in the Year 2017- 18	Course Code
1	0	MANAGEMENT THEORY & ORGANIZATION BEHAVIOR	MB1311
2	0	MANAGERIAL ECONOMICS	MB1312
3	0	ACCOUNTING FOR MANAGERS	MB1313
4	0	MANAGERIAL COMMUNICATION & SOFT SKILLS	MB1314
5	0	BUSINESS ENVIRONMENT	MB1315
6	0	QUANTITATIVE ANALYSIS FOR BUSINESS DECISION	MB1316
7	0	IT LAB	MB1317
8	0	FINANCIAL MANAGEMENT	MB1321
9	0	HUMAN RESOURCE MANAGEMENT	MB1322
10	0	MARKETING MANAGEMENT	MB1323
11	0	PRODUCTION AND OPERATIONS MANAGEMENT	MB1324
12	0	BUSINESS RESEARCH METHODS	MB1325
13	0	BUSINESS ETHICS AND CORPORATE GOVERNANCE	MB1326
14	0	SEMINAR	MB1327
15	0	MINI PROJECT	MB1328
16	0	STRATEGIC MANAGEMENT	MB1330
17	0	LEGAL ASPECTS OF BUSINESS	MB1331
18	0	RETAIL MANAGEMENT	MB1332
19	0	PRODUCT MANAGEMENT	MB1333
20	0	PROMOTION AND DISTRIBUTION MANAGEMENT	MB1334
21	0	INVESTMENT MANAGEMENT	MB1335
22	0	BANKING AND INSURANCE	MB1336
23	0	COMPENSATION AND PERFORMANCE MANAGEMENT	MB1337
24	0	MANAGEMENT OF INDUSTRIAL RELATIONS	MB1338
25	0	E-BUSINESS	MB1339
26	0	ENTERPRISE RESOURCE PLANNING	MB133A
27	0	LOGISTIC AND SUPPLY CHAIN MANAGEMENT	MB1341
28	0	ENTREPRENEURSHIP DEVELOPMENT	MB1342
29	0	SERVICES MARKETING	MB1343

30	0	INTERNATIONAL FINANCIAL MANAGEMENT	MB1344
31	0	CONSUMER BEHAVIOR	MB1347
32	0	FINANCIAL RISK MANAGEMENT	MB1348
33	0	GLOBAL HUMAN RESOURCE MANAGEMENT	MB1345
34	0	MANAGEMENT OF CHANGE AND DEVELOPMENT	MB1349
35	0	INFORMATION SYSTEMS AUDIT & CONTROL	MB1346
36	0	SOFTWARE PROJECT MANAGEMENT	MB134A
37	0	MAJOR PROJECT & COMPREHENSIVE VIVA	MB134B
38	1	English-I	R161101
39	1	Mathematics-I	R161102
40	1	English-Communication skills Lab-I	R161114
41	1	Engineering/ Applied Chemistry Laboratory	R161118
42	1	C Programming Lab	R161119
43	1	English-II	R161201
44	1	Mathematics-II (Mathematical Methods)	R161202
45	1	Mathematics - III	R161203
46	1	Engineering Physics	R161204
47	1	Engineering Drawing	R161206
48	1	English - Communication Skills Lab - II	R161221
49	1	Engineering / Applied Physics Lab	R161222
50	1	Engg. Workshop & IT Workshop	R161224
51	1	Elements of Mechanical Engineering	R161232
52	1	PROBABILITY AND STATISTICS	R1621011
53	1	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	R1621012
54	1	STRENGTH OF MATERIALS-I	R1621013
55	1	BUILDING MATERIALS & CONSTRUCTION	R1621014
56	1	SURVEYING	R1621015
57	1	FLUID MECHANICS	R1621016
58	1	SURVEY FIELD WORK - I	R1621017
59	1	STRENGTH OF MATERIALS LAB	R1621018
60	1	Building Planning & Drawing	R1622011
61	1	Strength of Materials - II	R1622012
62	1	Hydraulics & Hydraulic Machinery	R1622013
63	1	Concrete Technology	R1622014
64	1	Structural Analysis - I	R1622015
65	1	Transportation Engineering - I	R1622016
66	1	FM & HM Lab	R1622017
67	1	Survey Field Work - II	R1622018
68	1	GEOTECHNICAL ENGINEERING-I	RT31011

69	1	STRUCTURAL ANALYSIS-II	RT31012
70	1	DESIGN AND DRAWING OF REINFORCED CONCRETE STRUCTURES	RT31013
71	1	ENGINEERING GEOLOGY	RT31014
72	1	TRANSPORTATION ENGINEERING-I	RT31015
73	1	GEOTECHNICAL ENGINEERING LAB	RT31017
74	1	ENGINEERING GEOLOGY LAB	RT31018
75	1	ENVIRONMENTAL ENGINEERING I	RT32011
76	1	GEOTECHNICAL ENGINEERING II	RT32012
77	1	DESIGN AND DRAWING OF STEEL STRUCTURES	RT32013
78	1	WATER RESOURCES ENGINEERING I	RT32014
79	1	TRANSPORTATION ENGINEERING II	RT32015
80	1	INDUSTRIAL WATER & WASTE WATER MANAMENT	RT32016C
81	1	COMPUTER AIDED ENGINEERING DRAWING	RT32017
82	1	TRANSPORTATION ENGINEERING LAB	RT32018
83	2	English-I	R161101
84	2	Mathematics-I	R161102
85	2	Computer Programming	R161107
86	2	Engineering Mechanics	R161111
87	2	English-Communication skills Lab-I	R161114
88	2	C Programming Lab	R161119
89	2	English-II	R161201
90	2	Mathematics-II (Mathematical Methods)	R161202
91	2	Mathematics - III	R161203
92	2	Electrical Circuit Analysis - I	R161208
93	2	English - Communication Skills Lab - II	R161221
94	2	Engg. Workshop & IT Workshop	R161224
95	2	ELECTRICAL CIRCUIT ANALYSIS - II	R1621021
96	2	ELECTRICAL MACHINES-I	R1621022
97	2	BASIC ELECTRONICS AND DEVICES	R1621023
98	2	ELECTRO MAGNETIC FIELDS	R1621024
99	2	ELECTRICAL CIRCUITS LABORATORY	R1621028
100	2	Electrical Measurements	R1622021
101	2	Electrical Machines-II	R1622022
102	2	Switching Theory and Logic Design	R1622023
103	2	Control Systems	R1622024
104	2	Power Systems-I	R1622025
105	2	Electrical Machines -I Laboratory	R1622027
106	2	Electronic Devices & Circuits Laboratory	R1622028

107	2	ELECTRICAL MEASUREMENTS	RT31021
108	2	POWER SYSTEMS-II	RT31023
109	2	ELECTRICAL MACHINES-III	RT31024
110	2	POWER ELECTRONICS	RT31025
111	2	LINEAR & DIGITAL IC APPLICATIONS	RT31026
112	2	ELECTRICAL MACHINES-II LAB	RT31027
113	2	CONTROL SYSTEMS LAB	RT31028
114	2	MICROPROCESSORS & MICROCONTROLLERS	RT32021
115	2	SWITCHGEAR AND PROTECTION	RT32022
116	2	UTILIZATION OF ELECTRICAL ENERGY	RT32023
117	2	POWER SYSTEM ANALYSIS	RT32024
118	2	POWER SEMICONDUCTOR DRIVES	RT32026
119	2	POWER ELECTRONICS LAB	RT32027
120	2	ELECTRICAL MEASUREMENTS LAB	RT32028
121	4	English-I	R161101
122	4	Mathematics-I	R161102
123	4	Computer Programming	R161107
124	4	Mathematics-II (Numerical Methods and Complex variables)	R161110
125	4	English-Communication skills Lab-I	R161114
126	4	Engineering Workshop & IT Workshop	R161117
127	4	English-II	R161201
128	4	Mathematics - III	R161203
129	4	Electrical and Mechanical Technology	R161214
130	4	English - Communication Skills Lab - II	R161221
131	4	Computer Programming Lab	R161228
132	4	ELECTRONIC DEVICES AND CIRCUITS	R1621041
133	4	SWITCHING THEORY AND LOGIC DESIGN	R1621042
134	4	SIGNALS AND SYSTEMS	R1621043
135	4	NETWORK ANALYSIS	R1621044
136	4	ELECTRONIC DEVICES AND CIRCUITS LAB	R1621046
137	4	NETWORKS & ELECTRICAL TECHNOLOGY LAB	R1621047
138	4	Electronic Circuit Analysis	R1622041
139	4	Control Systems	R1622042
140	4	Electromagnetic Waves and Transmission Lines	R1622043
141	4	Analog Communications	R1622044
142	4	Pulse and Digital Circuits	R1622045
143	4	Electronic Circuit Analysis Lab	R1622046
144	4	Analog Communications Lab	R1622047

145	4	MANAGEMENT SCIENCE	PT31042
146	4	PULSE & DIGITAL CIRCUITS	RT31041
147	4	LINEAR IC APPLICATIONS	RT31042
148	4	CONTROL SYSTEMS	RT31043
149	4	DIGITAL SYSTEM DESIGN & DICA	RT31044
150	4	ANTENNAS AND WAVE PROPAGATION	RT31045
151	4	IPR & PATENTS	RT31016
152	4	PULSE & DIGITAL CIRCUITS LAB	RT31047
153	4	LIC APPLICATIONS LAB	RT31048
154	4	DIGITAL SYSTEM DESIGN & DICA LAB	RT31049
155	4	DATA STRUCTURES	PT31041
156	4	DIGITAL SYSTEM DESIGN & DICA LAB	PT32042
157	4	MICROPROCESSORS AND MICROCONTROLLERS	RT32041
158	4	DIGITAL SIGNAL PROCESSING	RT32042
159	4	MICROWAVE ENGINEERING	RT32044
160	4	BIO MEDICAL ENGINEERING	RT32045A
161	4	MICROPROCESSORS AND MICROCONTROLLERS LAB	RT32046
162	4	DIGITAL SIGNAL PROCESSING LAB	RT32048
163	4	SEMINAR	RT32049
164	4	MANAGEMENT SCIENCE	PT32041
165	4	DIGITAL SIGNAL PROCESSING LAB	RT32048
166	4	DIGITAL COMMUNICATIONS LAB	RT32047
167	4	DIGITAL COMMUNICATIONS	RT32043
168	4	MICROPROCESSORS AND MICROCONTROLLERS	RT32041
169	5	English-I	R161101
170	5	Mathematics-I	R161102
171	5	Computer Programming	R161107
172	5	Mathematics-II (Mathematical Methods)	R161109
173	5	English-Communication skills Lab-I	R161114
174	5	C Programming Lab	R161119
175	5	English-II	R161201
176	5	Mathematics - III	R161203
177	5	Object Oriented Programming through C++	R161215
178	5	English - Communication Skills Lab - II	R161221
179	5	Object Oriented Programming Lab	R161229
180	5	STATISTICS WITH R PROGRAMMING	R1621051
181	5	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	R1621052
182	5	DIGITAL LOGIC DESIGN	R1621053

183	5	PYTHON PROGRAMMING	R1621054
184	5	DATA STRUCTURES THROUGH C++	R1621055
185	5	COMPUTER GRAPHICS	R1621056
186	5	DATA STRUCTURES THROUGH C++ LAB	R1621057
187	5	PYTHON PROGRAMMING LAB	R1621058
188	5	Software Engineering	R1622051
189	5	Java Programming	R1622052
190	5	Advanced Data Structures	R1622053
191	5	Computer Organization	R1622054
192	5	Formal Languages and Automata Theory	R1622055
193	5	Principles of Programming Languages	R1622056
194	5	Advanced Data Structures Lab	R1622057
195	5	Java Programming Lab	R1622058
196	5	COMPUTER GRAPHICS	PT31054
197	5	DATABASE MANAGEMENT SYSTEMS LAB	RT31058
198	5	OBJECT ORIENTED PROGRAMMING THROUGH C++	PT31052
199	5	OBJECT ORIENTED PROGRAMMING LAB	PT31055
200	5	SEMINAR	RT31059
201	5	COMPILER DESIGN LAB	RT31056
202	5	OPERATING SYSTEMS	RT31055
203	5	DATABASE MANAGEMENT SYSTEMS	RT31054
204	5	PRINCIPLES OF PROGRAMMING LANGUAGES	RT31053
205	5	DATA COMMUNICATION	RT31052
206	5	COMPILER DESIGN	RT31051
207	5	OPERATING SYSTEM & LINUX PROGRAMMING LAB	RT31057
208	5	ADVANCED DATA STRUCTURES	PT31051
209	5	ADVANCED DATA STRUCTURES LAB	PT31053
210	5	COMPUTER NETWORKS AND NETWORK PROGRAMMING LAB	RT32057
211	5	SOFTWARE ENGINEERING	RT32051
212	5	DATA WARE HOUSING AND MINING	RT32052
213	5	COMPUTER NETWORKS	RT32053
214	5	DESIGN AND ANALYSIS OF ALGORITHMS	RT32054
215	5	WEB TECHNOLOGIES	RT32055
216	5	SOFTWARE ENGINEERING LAB	RT32058
217	5	WEB TECHNOLOGIES LAB	RT32059
218	42	ELECTRICAL MACHINE MODELING & ANALYSIS	I4301
219	42	ANALYSIS OF POWER ELECTRONIC CONVERTERS	I4302
220	42	POWER ELECTRONIC CONTROL OF DC DRIVES	I4303

221	42	FLEXIBLE AC TRANSMISSION SYSTEMS	I4304
222	42	POWER QUALITY	I4305
223	42	SIMULATION LAB	I4309
224	42	HVDC TRANSMISSION	I5602
225	42	SWITCHED MODE POWER CONVERSION	J4301
226	42	POWER ELECTRONIC CONTROL OF AC DRIVES	J4302
227	42	DIGITAL CONTROLLERS	J4303
228	42	CUSTOM POWER DEVICES	J4304
229	42	ELECTRICAL DISTRIBUTION SYSTEMS ELECTIVEIII	J4307
230	42	SPECIAL MACHINES ELECTIVEIV	J4308
231	42	POWER CONVERTERS & DRIVES LABORATORY	J4310
232	45	CODING THEORY AND APPLICATIONS	I4501
233	45	TRANSFORM TECHNIQUES	I4502
234	45	ADVANCED DIGITAL SIGNAL PROCESSING	I4503
235	45	DIGITAL DATA COMMUNICATIONS	I4504
236	45	STATISTICAL SIGNAL PROCESSING ELECTIVE 1	I4505
237	45	SPEECH PROCESSING ELECTIVE 2	I4507
238	45	SIGNAL PROCESSING LABORATORY	I4509
239	45	ADAPTIVE SIGNAL PROCESSING	J4501
240	45	IMAGE AND VIDEO PROCESSING	J4502
241	45	DETECTION AND ESTIMATION THEORY	J4503
242	45	WIRELESS COMMUNICATIONS AND NETWORKS ELECTIVEIV	J4508
243	45	ADVANCED SIGNAL PROCESSING LABORATORY	J4509
244	45	EMBEDDED SYSTEM DESIGN ELECTIVEIII	J6801
245	45	DSP PROCESSORS AND ARCHITECTURES	J6805
246	58	ADVANCED OPERATING SYSTEMS	I0504
247	58	ADVANCED DATA STRUCTURES AND ALGORITHM ANALYSIS	I4001
248	58	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	I5801
249	58	COMPUTER ORGANIZATION AND ARCHITECTURE	I5802
250	58	DATABASE MANAGEMENT SYSTEMS	I5803
251	58	DATA WAREHOUSING AND DATA MINING	I0505
252	58	CSE LAB 1	I5805
253	58	SOFTWARE ENGINEERING ELECTIVE I	J0502
254	58	CYBER SECURITY	J2503
255	58	CLOUD COMPUTING ELECTIVE II	J2510
256	58	ADVANCED UNIX PROGRAMMING	J4001
257	58	BIG DATA ANALYTICS	J4002

258	58	COMPUTER NETWORKS	J5801
259	58	CSE LAB 2	J5803