



## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous)

Kokapet (Village), Gandipet, Hyderabad, Telangana – 500075

[www.cbit.ac.in](http://www.cbit.ac.in)

### 1.1.3.1 List of courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years.

S.No.	Academic Year	Number of Courses having focus on employability/ entrepreneurship/ skill development year wise during the last five years.
1	2021-22	1196
2	2020-21	1106
3	2019-20	983
4	2018-19	922
5	2017-18	984

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Calculus	20MTC05	B.E. Mechanical Engineering	Employability
2	Chemistry	20CYC01	B.E. Mechanical Engineering	Employability
3	Engineering Mechanics-I	20CEC01	B.E. Mechanical Engineering	Employability
4	Programming for Problem Solving	20CSC01	B.E. Mechanical Engineering	Employability
5	Chemistry Lab	20CYC02	B.E. Mechanical Engineering	Skill development
6	Programming for Problem Solving Lab	20CSC02	B.E. Mechanical Engineering	Skill development
7	Workshop / Manufacturing Practice	20MEC02	B.E. Mechanical Engineering	Skill development
8	Engineering Exploration	20MEC03	B.E. Mechanical Engineering	Skill development
9	Vector Calculus and Differential Equations	20MTC06	B.E. Mechanical Engineering	Employability
10	English	20EGC01	B.E. Mechanical Engineering	Employability
11	Mechanics and Materials Science	20PYC05	B.E. Mechanical Engineering	Employability
12	Basic Electrical Engineering	20EEC01	B.E. Mechanical Engineering	Employability
13	English lab	20EGC02	B.E. Mechanical Engineering	Skill development
14	Mechanics and Materials Science Lab	20PYC08	B.E. Mechanical Engineering	Skill development
15	Basic Electrical Engineering Lab	20EEC02	B.E. Mechanical Engineering	Skill development
16	CAD and Drafting	20MEC01	B.E. Mechanical Engineering	Skill development
17	Community Engagement	20MBC02	B.E. Mechanical Engineering	Entrepreneurship
18	Material Science And Metallurgy	20MEC04	B.E. Mechanical Engineering	Employability
19	Strength of Materials	20MEC05	B.E. Mechanical Engineering	Employability
20	Manufacturing Processes	20MEC06	B.E. Mechanical Engineering	Employability
21	Partial Differential Equations And Statistics	20MTC08	B.E. Mechanical Engineering	Employability
22	Basics Of Data Structures	20CSC06	B.E. Mechanical Engineering	Employability
23	Universal Human Values II- Understanding Harmony	20EGM03	B.E. Mechanical Engineering	Employability
24	Environmental Science	20CEM01	B.E. Mechanical Engineering	Employability
25	Material Science and Metallurgy Lab	20MEC07	B.E. Mechanical Engineering	Entrepreneurship
26	Strength of Materials Lab	20MEC08	B.E. Mechanical Engineering	Entrepreneurship
27	Manufacturing Processes Lab	20MEC09	B.E. Mechanical Engineering	Entrepreneurship
28	Basic data structures Lab	20CSC07	B.E. Mechanical Engineering	Entrepreneurship
29	Kinematics of Machines	20MEC10	B.E. Mechanical Engineering	Employability
30	Thermodynamics	20MEC11	B.E. Mechanical Engineering	Employability
31	Fluid Principles and Hydraulic Machines	20MEC12	B.E. Mechanical Engineering	Employability
32	Metal Cutting and Machine Tool Engineering	20MEC13	B.E. Mechanical Engineering	Employability



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List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
33	Indian Constitution and Fundamental Principles	20EGM01	B.E. Mechanical Engineering	Employability
34	Indian Traditional Knowledge	20EGM02	B.E. Mechanical Engineering	Employability
35	Power Plant Engineering	20MEE01	B.E. Mechanical Engineering	Employability
36	Production and Operations Management	20MEE02	B.E. Mechanical Engineering	Employability
37	Entrepreneurship	20MEE03	B.E. Mechanical Engineering	Entrepreneurship
38	Mechatronics and Automation	20MEE04	B.E. Mechanical Engineering	Employability
39	Fluid Principles and Hydraulic Machines Lab	20MEC14	B.E. Mechanical Engineering	Skill development
40	Metal Cutting and Machine Tool Engineering Lab	20MEC15	B.E. Mechanical Engineering	Skill development
41	Dynamics of Machines	18ME C12	B.E. Mechanical Engineering	Employability
42	Applied Thermodynamics and Heat Transfer	18ME C13	B.E. Mechanical Engineering	Employability
43	Design of Machine Elements	18ME C14	B.E. Mechanical Engineering	Employability
44	Metal Cutting and Machine Tool Engineering	18PE C07	B.E. Mechanical Engineering	Employability
45	Refrigeration and Air Conditioning 1	18ME E01	B.E. Mechanical Engineering	Employability
46	Values, Ethics and Society	18ME E02	B.E. Mechanical Engineering	Employability
47	Plastics, Ceramics and Composite Materials	18PE E01	B.E. Mechanical Engineering	Employability
48	Product Design and Process Planning	18PE E02	B.E. Mechanical Engineering	Employability
49	Mechanical Vibrations	18ME E03	B.E. Mechanical Engineering	Employability
50	Automobile Engineering	18ME E04	B.E. Mechanical Engineering	Employability
51	Nano Science and Technology	18ME E05	B.E. Mechanical Engineering	Employability
52	Rights, Duties and Legislation	18ME E06	B.E. Mechanical Engineering	Employability
53	Non Destructive Testing and Evaluation	18PE E04	B.E. Mechanical Engineering	Employability
54	Fuels, Combustion and Environment	18ME E07	B.E. Mechanical Engineering	Employability
55	Dynamics and Vibrations Lab	18ME C15	B.E. Mechanical Engineering	Employability
56	Applied Thermodynamics and Heat Transfer Lab	18ME C16	B.E. Mechanical Engineering	Employability
57	Metal Cutting and Machine Tool Engineering Lab	18PE C08	B.E. Mechanical Engineering	Employability
58	CAD/CAM	18ME C17	B.E. Mechanical Engineering	Employability
59	Machine Design	18ME C18	B.E. Mechanical Engineering	Employability
60	Thermal Turbo Machines	18ME C19	B.E. Mechanical Engineering	Employability
61	Object Oriented Programming with C++	18ME E08	B.E. Mechanical Engineering	Employability
62	Mechanics of Composite Materials	18ME E09	B.E. Mechanical Engineering	Employability
63	Robotic Engineering	18ME E10	B.E. Mechanical Engineering	Employability
64	Production and Operations Management	18PE E06	B.E. Mechanical Engineering	Employability



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List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
65	Advanced IC Engines	18ME E11	B.E. Mechanical Engineering	Employability
66	Computational Fluid Dynamics	18ME E12	B.E. Mechanical Engineering	Employability
67	Principles of Entrepreneurship	18ME E13	B.E. Mechanical Engineering	Entrepreneurship
68	Modern Machining and Forming Methods	18PE E08	B.E. Mechanical Engineering	Employability
69	Heat and Mass Transfer	18ME E14	B.E. Mechanical Engineering	Employability
70	Blockchain Technology	18ME E15	B.E. Mechanical Engineering	Employability
71	Renewable Energy Sources	18ME E17	B.E. Mechanical Engineering	Employability
72	Control Systems Theory	18ME E18	B.E. Mechanical Engineering	Employability
73	Artificial Intelligence	18ME E19	B.E. Mechanical Engineering	Employability
74	Industrial Administration and Financial Management	18ME E20	B.E. Mechanical Engineering	Employability
75	Principles and Applications of Additive Manufacturing	18PE E11	B.E. Mechanical Engineering	Employability
76	CAD/CAM LAB	18ME C20	B.E. Mechanical Engineering	Skill development
77	Thermal Engineering Lab	18ME C21	B.E. Mechanical Engineering	Skill development
78	Metrology and Instrumentation	18ME C22	B.E. Mechanical Engineering	Employability
79	Operations Research	18ME C23	B.E. Mechanical Engineering	Employability
80	Finite Element Analysis	18ME C24	B.E. Mechanical Engineering	Employability
81	Power Plant Engineering	18ME E21	B.E. Mechanical Engineering	Employability
82	Engineering Research Methodology	18ME E22	B.E. Mechanical Engineering	Employability
83	Data Analytics	18ME E23	B.E. Mechanical Engineering	Employability
84	Innovation and Intellectual Property Rights	18ME E24	B.E. Mechanical Engineering	Employability
85	Supply Chain Management	18PE E12	B.E. Mechanical Engineering	Employability
86	Object Oriented Programming using JAVA	18IT O01	B.E. Mechanical Engineering	Employability
87	History of Science & Technology	18PY O01	B.E. Mechanical Engineering	Employability
88	Gender Sensitization	18EG O02	B.E. Mechanical Engineering	Skill development
89	Principles of Internet of Things	18IT O03	B.E. Mechanical Engineering	Employability
90	Basics of Artificial Intelligence	18CS O09	B.E. Mechanical Engineering	Employability
91	Metrology and Instrumentation Lab	18ME C25	B.E. Mechanical Engineering	Skill development
92	Computer Aided Engineering Lab	18ME C26	B.E. Mechanical Engineering	Skill development
93	Project: Part – 1	18ME C27	B.E. Mechanical Engineering	Skill development
94	Remote Sensing and GIS	18EC O01	B.E. Mechanical Engineering	Employability
95	Decision Theory	18MT O01	B.E. Mechanical Engineering	Employability
96	Energy Auditing	18EE O03	B.E. Mechanical Engineering	Employability



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
97	Basics of Cyber Security	18CS 004	B.E. Mechanical Engineering	Employability
98	MEMS and Its Applications	18EC 005	B.E. Mechanical Engineering	Employability
99	Technical Writing Skills	18EG 001	B.E. Mechanical Engineering	Skill development
100	Basics of Biology	18BT 001	B.E. Mechanical Engineering	Skill development
101	Disaster Mitigation and Management	18CE 002	B.E. Mechanical Engineering	Skill development
102	Waste Management	18EE 005	B.E. Mechanical Engineering	Employability
103	Systems Automation & Control	18EC 007	B.E. Mechanical Engineering	Employability
104	Technical Seminar	18ME C28	B.E. Mechanical Engineering	Skill development
105	Project Part - 2	18ME C29	B.E. Mechanical Engineering	Skill development
106	Dynamics of Machines	18ME C12	B.E. Production Engineering	Employability
107	Applied Thermodynamics and Heat Transfer	18ME C13	B.E. Production Engineering	Employability
108	Design of Machine Elements	18ME C14	B.E. Production Engineering	Employability
109	Metal Forming Technology	18PE C05	B.E. Production Engineering	Employability
110	Refrigeration and Air Conditioning	18ME E01	B.E. Production Engineering	Employability
111	Values, Ethics and Society	18ME E02	B.E. Production Engineering	Employability
112	Plastics, Ceramics and Composite Materials	18PE E01	B.E. Production Engineering	Employability
113	Product Design and Process Planning	18PE E02	B.E. Production Engineering	Employability
114	Powder Processing	18PE E03	B.E. Production Engineering	Employability
115	Automobile Engineering	18ME E04	B.E. Production Engineering	Employability
116	Nano Science and Technology	18ME E05	B.E. Production Engineering	Employability
117	Rights, Duties and Legislation	18ME E06	B.E. Production Engineering	Employability
118	Non Destructive Testing and Evaluation	18PE E04	B.E. Production Engineering	Employability
119	Surface Engineering	18PE E05	B.E. Production Engineering	Employability
120	Dynamics and Vibrations Lab	18ME C15	B.E. Production Engineering	skill development
121	Applied Thermodynamics and Heat Transfer Lab	18ME C16	B.E. Production Engineering	skill development
122	Metal Forming Technology Lab	18PE C06	B.E. Production Engineering	skill development
123	CAD/CAM	18ME C17	B.E. Production Engineering	Employability
124	Machine Design	18ME C18	B.E. Production Engineering	Employability
125	Machine Tool Engineering	18PE C09	B.E. Production Engineering	Employability
126	Object Oriented Programming with C++	18ME E08	B.E. Production Engineering	Employability
127	Mechanics of Composite Materials	18ME E09	B.E. Production Engineering	Employability
128	Robotic Engineering	18ME E10	B.E. Production Engineering	Employability

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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
129	Production and Operations Management	18PE E06	B.E. Production Engineering	Employability
130	Principles of Industrial Engineering	18PE E07	B.E. Production Engineering	Employability
131	Computational Fluid Dynamics	18ME E12	B.E. Production Engineering	Employability
132	Principles of Entrepreneurship	18ME E13	B.E. Production Engineering	entrepreneurship
133	Modern Machining and Forming Methods	18PE E08	B.E. Production Engineering	Employability
134	Finite Element Methods	18ME E16	B.E. Production Engineering	Employability
135	Blockchain Technology	18ME E15	B.E. Production Engineering	Employability
136	Renewable Energy Sources	18ME E17	B.E. Production Engineering	Employability
137	Control Systems Theory	18ME E18	B.E. Production Engineering	Employability
138	Artificial Intelligence	18ME E19	B.E. Production Engineering	Employability
139	Industrial Administration and Financial Management	18ME E20	B.E. Production Engineering	Employability
140	Total Quality Management	18PE E10	B.E. Production Engineering	Employability
141	CAD/CAM LAB	18ME C20	B.E. Production Engineering	skill development
142	Machine Tool Engineering Lab	18PE C10	B.E. Production Engineering	skill development
143	Metrology and Instrumentation	18ME C22	B.E. Production Engineering	Employability
144	Operations Research	18ME C23	B.E. Production Engineering	Employability
145	Additive Manufacturing Technologies	18PE C11	B.E. Production Engineering	Employability
146	Power Plant Engineering	18ME E21	B.E. Production Engineering	Employability
147	Engineering Research Methodology	18ME E22	B.E. Production Engineering	Employability
148	Data Analytics	18ME E23	B.E. Production Engineering	Employability
149	Innovation and Intellectual Property Rights	18ME E24	B.E. Production Engineering	Employability
150	Supply Chain Management	18PE E12	B.E. Production Engineering	Employability
151	Object Oriented Programming using JAVA	18IT O01	B.E. Production Engineering	Employability
152	History of Science & Technology	18PY O01	B.E. Production Engineering	Employability
153	Gender Sensitization	18EG O02	B.E. Production Engineering	Employability
154	Principles of Internet of Things	18IT O03	B.E. Production Engineering	Employability
155	Basics of Artificial Intelligence	18CS O09	B.E. Production Engineering	Employability
156	Metrology and Instrumentation Lab	18ME C25	B.E. Production Engineering	skill development
157	Additive Manufacturing Lab	18PE C12	B.E. Production Engineering	skill development
158	Project: Part - 1	18PE C13	B.E. Production Engineering	skill development
159	Remote Sensing and GIS	18EC O01	B.E. Production Engineering	Employability
160	Applied Operations Research	18MT O01	B.E. Production Engineering	Employability



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
161	Energy Auditing	18EE 003	B.E. Production Engineering	Employability
162	Basics of Cyber Security	18CS 004	B.E. Production Engineering	Employability
163	MEMS and Its Applications	18EC 005	B.E. Production Engineering	Employability
164	Technical Writing Skills	18EG 001	B.E. Production Engineering	Employability
165	Basics of Biology	18BT 001	B.E. Production Engineering	Employability
166	Disaster Mitigation and Management	18CE 002	B.E. Production Engineering	Employability
167	Waste Management	18EE 005	B.E. Production Engineering	Employability
168	Systems Automation & Control	18EC 007	B.E. Production Engineering	Employability
169	Technical Seminar (On the latest trends and other than Project)	18PE C14	B.E. Production Engineering	skill development
170	Project Part - 2	18PE C15	B.E. Production Engineering	skill development
171	Computer Aided Modeling and Design	20MEC 101	M.E. CAD-CAM	Employability
172	Computer Integrated Manufacturing	20MEC 102	M.E. CAD-CAM	Employability
173	Research Methodology and IPR	20MEC 103	M.E. CAD-CAM	Entrepreneurship
174	Advanced Machine Design	20MEE 101	M.E. CAD-CAM	Employability
175	Advanced Vibrations and Acoustics	20MEE 102	M.E. CAD-CAM	Employability
176	Optimization Techniques	20MEE 103	M.E. CAD-CAM	Employability
177	Automation	20MEE 104	M.E. CAD-CAM	Employability
178	Design for Manufacturing and Assembly	20MEE 105	M.E. CAD-CAM	Employability
179	Industrial Robotics	20MEE 106	M.E. CAD-CAM	Employability
180	Integrated Design and Manufacturing Lab	20MEC 104	M.E. CAD-CAM	Skill development
181	Vibrations and Acoustics Lab	20MEC 105	M.E. CAD-CAM	Skill development
182	Value Education	20ECA 101	M.E. CAD-CAM	Employability
183	Pedagogy Studies	20ITA 101	M.E. CAD-CAM	Employability
184	Disaster Mitigation and Management	20CEA 101	M.E. CAD-CAM	Employability
185	Sanskrit for Technical Knowledge	20EEA 101	M.E. CAD-CAM	Employability
186	Finite Element Techniques	20MEC 106	M.E. CAD-CAM	Employability
187	Mechanical Design and Analysis	20MEC 107	M.E. CAD-CAM	Employability
188	Computational Fluid Dynamics	20MEE 206	M.E. CAD-CAM	Employability
189	Mechanics of Composite Materials	20MEE 107	M.E. CAD-CAM	Employability
190	Fracture Mechanics	20MEE 108	M.E. CAD-CAM	Employability
191	Multibody Dynamics	20MEE 109	M.E. CAD-CAM	Employability
192	Tribology in Design	20MEE 110	M.E. CAD-CAM	Employability



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List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
193	Failure Analysis and Design	20MEE 111	M.E. CAD-CAM	Employability
194	Computer Aided Engineering Lab	20MEC 108	M.E. CAD-CAM	Skill development
195	Computational Fluid Dynamics Lab	20MEC 206	M.E. CAD-CAM	Skill development
196	Mini Project with Seminar	20MEC 109	M.E. CAD-CAM	Skill development
197	English for Research Paper Writing	20EGA 101	M.E. CAD-CAM	Skill development
198	Indian Constitution and Fundamental Rights	20EGA 102	M.E. CAD-CAM	Employability
199	Stress Management by Yoga	20EGA 103	M.E. CAD-CAM	Skill development
200	Personality Development through Life's Enlightenment Skills	20EGA 104	M.E. CAD-CAM	Skill development
201	Advanced Finite Element Method	20ME E112	M.E. CAD-CAM	Employability
202	Digital Manufacturing and Design	20ME E113	M.E. CAD-CAM	Employability
203	Waste to Energy	20EE O101	M.E. CAD-CAM	Employability
204	Theory of Elasticity and Plasticity	20ME E114	M.E. CAD-CAM	Employability
205	Cost Management of Engineering Projects	20CE O101	M.E. CAD-CAM	Employability
206	Business Analytics	20CSO101	M.E. CAD-CAM	Entrepreneurship
207	Industrial Project / Dissertation Phase - I	20MEC 110	M.E. CAD-CAM	Skill development
208	DISSERTATION PHASE - II	20MEC 111	M.E. CAD-CAM	Skill development
209	Thermodynamics and Combustion	20ME C201	M.E. Thermal Engineering	Employability
210	Advanced Fluid Dynamics	20ME C202	M.E. Thermal Engineering	Employability
211	Research Methodology and IPR	20ME M103	M.E. Thermal Engineering	Entrepreneurship
212	Thermal and Nuclear Power Plants	20ME E201	M.E. Thermal Engineering	Employability
213	Environmental Engineering and Pollution Control	20ME E202	M.E. Thermal Engineering	Employability
214	Optimization Techniques	20ME E103	M.E. Thermal Engineering	Employability
215	Air Conditioning System Design	20ME E203	M.E. Thermal Engineering	Employability
216	Design of Solar and Wind Systems	20ME E205	M.E. Thermal Engineering	Employability
217	Disaster Mitigation and Management	20CE A101	M.E. Thermal Engineering	Employability
218	English for Research Paper Writing	20EG A101	M.E. Thermal Engineering	Skill development
219	Indian Constitution and Fundamental Rights	20EG A102	M.E. Thermal Engineering	Employability
220	Personality Development through Life's Enlightenment Skills	20EG A104	M.E. Thermal Engineering	Employability
221	Thermal Systems Lab	20ME C203	M.E. Thermal Engineering	Skill development
222	Design of Solar and Wind Systems Lab	20ME C204	M.E. Thermal Engineering	Skill development
223	Energy Conservation and Management	20ME E204	M.E. Thermal Engineering	Skill development
224	Finite Element Techniques	20ME C106	M.E. Thermal Engineering	Employability



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
225	Advanced Heat and Mass Transfer	20ME C205	M.E. Thermal Engineering	Employability
226	Computational Fluid Dynamics	20ME E206	M.E. Thermal Engineering	Employability
227	Refrigeration and Cryogenics	20ME E207	M.E. Thermal Engineering	Employability
228	Design of Heat Exchangers	20ME E208	M.E. Thermal Engineering	Employability
229	Turbo Machines	20ME E209	M.E. Thermal Engineering	Employability
230	Gas Turbines	20ME E210	M.E. Thermal Engineering	Employability
231	Power Plant Control and Instrumentation	20ME E211	M.E. Thermal Engineering	Employability
232	Sanskrit for Technical Knowledge	20EE A101	M.E. Thermal Engineering	Employability
233	Value Education	20EC A101	M.E. Thermal Engineering	Employability
234	Pedagogy Studies	20IT A101	M.E. Thermal Engineering	Employability
235	Stress Management by Yoga	20EG A103	M.E. Thermal Engineering	Skill development
236	Computer Aided Engineering Lab	20ME C108	M.E. Thermal Engineering	Skill development
237	Computational Fluid Dynamics Lab	20ME C206	M.E. Thermal Engineering	Skill development
238	Mini Project with Seminar	20ME C207	M.E. Thermal Engineering	Skill development
239	Experimental Methods in Thermal Engineering	20ME E212	M.E. Thermal Engineering	Employability
240	Fluid Power Systems	20ME E213	M.E. Thermal Engineering	Employability
241	Engine Emissions and Pollution Control	20ME E214	M.E. Thermal Engineering	Employability
242	Cost Management of Engineering Projects	20CE O101	M.E. Thermal Engineering	Employability
243	Waste to Energy	20EE O101	M.E. Thermal Engineering	Employability
244	Business Analytics	20CS O101	M.E. Thermal Engineering	Employability
245	Industrial Project / Dissertation Phase - I	20ME C208	M.E. Thermal Engineering	Skill development
246	Industrial Project / Dissertation Phase - II	20ME C209	M.E. Thermal Engineering	Skill development
247	Basics of Biology-1	20BT C01	B.Tech.- Biotechnology	Skill development
248	English	20 EG C01	B.Tech.- Biotechnology	Skill development
249	Physics	20PY C02	B.Tech.- Biotechnology	Skill development
250	Programming for Problem Solving	20CS C01	B.Tech.- Biotechnology	Skill development
251	Physics lab	20PY C04	B.Tech.- Biotechnology	Skill development
252	English lab	20EG C02	B.Tech.- Biotechnology	Skill development
253	Programming for Problem Solving lab	20CS C02	B.Tech.- Biotechnology	Skill development
254	CAD & Drafting	20ME C01	B.Tech.- Biotechnology	Skill development
255	Mathematics –II	20MT C22	B.Tech.- Biotechnology	Skill development
256	Basics Of Biology-II	20BT C02	B.Tech.- Biotechnology	Skill development



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
257	Chemistry	20CY C01	B.Tech.- Biotechnology	Skill development
258	Basic Electrical Engineering	20EE C01	B.Tech.- Biotechnology	Skill development
259	Process Principles and Reaction Engineering	20BT C03	B.Tech.- Biotechnology	Skill development
260	Chemistry lab	20CY C02	B.Tech.- Biotechnology	Skill development
261	Basic Electrical Engineering lab	20EE C02	B.Tech.- Biotechnology	Skill development
262	Workshop/Manufacturing Practices	20ME C02	B.Tech.- Biotechnology	Skill development
263	Engineering Exploration	20ME C03	B.Tech.- Biotechnology	Skill development
264	OOPS using Python	20CSC34	B.Tech.- Biotechnology	Skill development
265	Biochemistry	20BTC04	B.Tech.- Biotechnology	Skill development
266	Microbiology	20BTC05	B.Tech.- Biotechnology	Skill development
267	Thermodynamics for Biotechnologists	20BTC06	B.Tech.- Biotechnology	Skill development
268	Cell and Molecular Biology	20BTC07	B.Tech.- Biotechnology	Skill development
269	Genetics	20BTC08	B.Tech.- Biotechnology	Skill development
270	OOPS using python LAB	20CSE35	B.Tech.- Biotechnology	Skill development
271	Biochemistry Lab	20BTC09	B.Tech.- Biotechnology	Skill development
272	Microbiology Lab	20BTC10	B.Tech.- Biotechnology	Skill development
273	MOOCs/ Training /internship/ (90hrs)	20BT101	B.Tech.- Biotechnology	Skill development
274	Engineering Mathematics for Biotechnologists	20MTC23	B.Tech.- Biotechnology	Skill development
275	Bioprocess Engineering	20BTC12	B.Tech.- Biotechnology	Skill development and Employability
276	Immunology & Immunotechnology	20BTC13	B.Tech.- Biotechnology	Skill development and Employability
277	Instrumental Methods in Biotechnology	20BTC14	B.Tech.- Biotechnology	Skill development and Employability
278	Environmental Science	20CEM01	B.Tech.- Biotechnology	Skill development
279	Environmental Biotechnology	20BTE01	B.Tech.- Biotechnology	Skill development
280	Process Dynamics and Control for Biotechnologists	20BTE02	B.Tech.- Biotechnology	Skill development
281	Intellectual Property Rights and Bioethics	20BTE03	B.Tech.- Biotechnology	Skill development
282	Enzyme technology	20BTE04	B.Tech.- Biotechnology	Skill development
283	Industrial Biotechnology	20BTE05	B.Tech.- Biotechnology	Skill development
284	Bioprocess Engineering Lab	20BTC15	B.Tech.- Biotechnology	Skill development and Employability
285	Immunology Lab	20BTC16	B.Tech.- Biotechnology	Skill development and Employability
286	Instrumentation Lab	20BTC17	B.Tech.- Biotechnology	Skill development and Employability
287	Fluid Mechanics and Heat Transfer	18BT C15	B.Tech.- Biotechnology	Skill development and Employability
288	Enzyme Technology	18BT C16	B.Tech.- Biotechnology	Skill development and Employability



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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the Institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
289	Genetic Engineering and rDNA Technology	18BT C17	B.Tech.- Biotechnology	Skill development and Employability
290	Virology	18BT E01	B.Tech.- Biotechnology	Skill development and Employability
291	Phytochemicals and Herbal Products	18BT E02	B.Tech.- Biotechnology	Skill development and Employability
292	Introduction to Anatomy and Physiology of Humans	18BT E03	B.Tech.- Biotechnology	Skill development and Employability
293	Environmental Biotechnology	18BT E04	B.Tech.- Biotechnology	Skill development and Employability
294	Developmental Biology	18BT E05	B.Tech.- Biotechnology	Skill development and Employability
295	Metabolic Engineering	18BT E06	B.Tech.- Biotechnology	Skill development and Employability
296	Engineering Economics and Accountancy	18MB C01	B.Tech.- Biotechnology	Skill development and Employability
297	Fluid Mechanics and Heat Transfer Lab	18BT C18	B.Tech.- Biotechnology	Skill development and Employability
298	Enzyme Technology Lab	18BT C19	B.Tech.- Biotechnology	Skill development and Employability
299	Genetic Engineering Lab	18BT C20	B.Tech.- Biotechnology	Skill development and Employability
300	Fermentation Technology	18BT C21	B.Tech.- Biotechnology	Skill development and Employability
301	Bioinformatics	18BT C22	B.Tech.- Biotechnology	Skill development and Employability
302	Mass Transfer Operations	18BT C23	B.Tech.- Biotechnology	Skill development and Employability
303	Medical Biotechnology	18BT E07	B.Tech.- Biotechnology	Skill development and Employability
304	Food Biotechnology	18BT E08	B.Tech.- Biotechnology	Skill development and Employability
305	Bioprocess Dynamics and Control	18BT E09	B.Tech.- Biotechnology	Skill development and Employability
306	Artificial Intelligence in Biology	18BT E10	B.Tech.- Biotechnology	Skill development and Employability
307	Pharmaceutical Biotechnology	18BT E11	B.Tech.- Biotechnology	Skill development and Employability
308	Intellectual Property Rights Regulatory Affairs And Clinical Trials	18BT E12	B.Tech.- Biotechnology	Skill development and Employability
309	Nanobiotechnology	18BT E13	B.Tech.- Biotechnology	Skill development and Employability
310	Numerical Methods	18MT O01B	B.Tech.- Biotechnology	Skill development and Employability
311	Biomedical Instrumentation	18EC O02	B.Tech.- Biotechnology	Skill development and Employability
312	Research Methodologies	18ME O03	B.Tech.- Biotechnology	Skill development and Employability
313	Fermentation Lab	18BT C24	B.Tech.- Biotechnology	Skill development and Employability
314	Bioinformatics Lab	18BT C25	B.Tech.- Biotechnology	Skill development and Employability
315	Downstream Processing	18BT C26	B.Tech.- Biotechnology	Skill development and Employability
316	Plant Biotechnology	18BT C27	B.Tech.- Biotechnology	Skill development and Employability
317	Biostatistics	18MT C08	B.Tech.- Biotechnology	Skill development and Employability
318	Animal Biotechnology	18BT E14	B.Tech.- Biotechnology	Skill development and Employability
319	Cancer Biology	18BT E15	B.Tech.- Biotechnology	Skill development and Employability
320	Computer Applications in Bioprocess	18BT E16	B.Tech.- Biotechnology	Skill development and Employability



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
321	Principles of data analytics	18BT E17	B.Tech.- Biotechnology	Skill development and Employability
322	Block chain technologies	18 CS O13	B.Tech.- Biotechnology	Skill development and Employability
323	Basics of Data Science Using R	18CS O04	B.Tech.- Biotechnology	Skill development and Employability
324	Technical Writing	18EG O01	B.Tech.- Biotechnology	Employability
325	Waste Management	18EE O05	B.Tech.- Biotechnology	Employability
326	Downstream Processing Lab	18BT C28	B.Tech.- Biotechnology	Skill development and Employability
327	Tissue Culture Lab	18BT C29	B.Tech.- Biotechnology	Skill development and Employability
328	Project Part 1	18BT C30	B.Tech.- Biotechnology	Skill development and Employability
329	Tissue Engineering	18BT E18	B.Tech.- Biotechnology	Skill development and Employability
330	Immunodiagnostics	18BT E19	B.Tech.- Biotechnology	Skill development and Employability
331	Genomics and Proteomics	18BT E20	B.Tech.- Biotechnology	Skill development and Employability
332	Entrepreneurship	18ME O04	B.Tech.- Biotechnology	Entrepreneurship skills
333	Open Source Technology	18CS O08	B.Tech.- Biotechnology	Employability and Entrepreneurship skills
334	Python for Bioinformatics	18CS O01	B.Tech.- Biotechnology	Employability
335	Technical Seminar (On the latest trends and other than project)	18BT C31	B.Tech.- Biotechnology	Employability
336	Project Part II	18BT C32	B.Tech.- Biotechnology	Skill development and Employability
337	Computer Programming using 'C'	20MCC101	Master of Computer Applications	Skill Development-Practical exposure of the real world problems
338	Computer Organization and Architecture	20MCC102	Master of Computer Applications	Skill Development-Exposure of assembly and operation of CPU and Associated Chip sets
339	Software Engineering	20MCC103	Master of Computer Applications	Skill Development&Employability-Design of Software project models
340	Mathematical Foundations for Computer Applications	20MCC104	Master of Computer Applications	Skill Development-NPTEL Course
341	Probability& Statistics	20MTC27	Master of Computer Applications	Skill Development-Problem solving of real world problems
342	Computer Programming Lab using 'C'	20MCC105	Master of Computer Applications	Skill Development-Practical exposure of the real world problems
343	Python Programming Lab	20MCC106	Master of Computer Applications	Skill Development&Employability-Practical exposure of the real world problems
344	Professional Communication in English Lab	20EG101	Master of Computer Applications	Skill Development-phonetics Lab to improve there speaking skills
345	Data Structures and Algorithms	20MCC107	Master of Computer Applications	Skill Development-Problems solving of Algorithms
346	Artificial Intelligence	20MCC108	Master of Computer Applications	Skill Development&Employability-NPTEL Course
347	Object Oriented Programming using Java	20MCC109	Master of Computer Applications	Skill Development&Employability-Exposure of OOPs Concepts and finding solutions to real world problems
348	Database Management Systems Lab	20MCC110	Master of Computer Applications	Skill Development&Employability-Programs related to data base design
349	Entrepreneurship	20MCE102	Master of Computer Applications	Entrepreneurship-Workshop on Entrepreneurship
350	Business Intelligence & Analytics	20MCE103	Master of Computer Applications	Skill Development&Employability-NPTEL courses
351	Software Project Management	20MCE104	Master of Computer Applications	Skill Development&Employability-Assigments
352	Data Structures Lab using C++	20MCC111	Master of Computer Applications	Skill Development-practical Soluitons for Algorithms



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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
353	Object Oriented Programming Lab using Java	20MCC112	Master of Computer Applications	Skill Development&Employability-Practical exposure of the real world problems
354	Database Management Systems Lab	20MCC113	Master of Computer Applications	Skill Development&Employability-Programs related to data base design
355	Data Communications and Computer Networks	20MCC114	Master of Computer Applications	Skill Development-Assigments
356	Data Science and Machine Learning	20MCC115	Master of Computer Applications	Skill Development&Employability-Workshop on data science
357	Operating Systems	20MCC116	Master of Computer Applications	Skill Development-Assigments
358	Web Technologies	20MCC117	Master of Computer Applications	Skill Development&Employability-Application deveplment
359	Cloud Computing	20MCE105	Master of Computer Applications	Skill Development&Employability-Workshop on Cloud Computing
360	Intellectual Property rights and Professional Ethics.	20MCA101	Master of Computer Applications	Entrepreneurship-Guset lecture on IPR
361	Object Oriented System Development Lab	20MCC118	Master of Computer Applications	Software Analysis and Desgin using UML Tools
362	Machine Learning Lab using Python	20MCC118	Master of Computer Applications	Skill Development&Employability-practical exposure of Machine Learning conceptes usng Python
363	Web Technologies Lab	20MCC120	Master of Computer Applications	Skill Development&Employability-Appcaiaon programs for the design of front end
364	Cyber Security	20MCE109	Master of Computer Applications	Skill Development&Employability-Work shop on cyber security
365	Deep Learning	20MCE112	Master of Computer Applications	Skill Development&Employability-Work shop on Deep Learning
366	Internet of Things	20MCE115	Master of Computer Applications	Skill Development&Employability-Implement IOT devices
367	Natural Language Processing	20MCE116	Master of Computer Applications	Skill Development&Employability-NPTEL Course
368	Major Project Work	20MCC121	Master of Computer Applications	Employability-Bulid a Project based on the specifications
369	Object Oriented System Development(OOSD)	16MCC126	Master of Computer Applications	Skill Development&Employability-Software Analysis and Desgin
370	Machine Learning	16MCC127	Master of Computer Applications	Skill Development&Employability-NPTEL Course
371	Cryptography & Network Security	16MCC128	Master of Computer Applications	Skill Development&Employability-Design Secure system
372	Object Oriented System Development Lab	16MCC129	Master of Computer Applications	Skill Development&Employability-Software Analysis and Desgin using UML Tools
373	Machine Learning Lab using Python	16MCC130	Master of Computer Applications	Skill Development&Employability-Practical exposure of Machine Learning conceptes
374	Seminar	16MCC131	Master of Computer Applications	Skill Development-Present ppts on Emenging Technologies
375	Internet of Things	16MCE110	Master of Computer Applications	Skill Development-Implement IOT devices
376	Business Intelligence and Analytics	16MC E111	Master of Computer Applications	Skill Development-NPTEL courses
377	Big Data Analytics	16MC E113	Master of Computer Applications	Skill Development&Employability-Assigments
378	E-Commerce	16MC E114	Master of Computer Applications	Skill Development-Exposure of E-Commerce transactions
379	MAJOR PROJECT WORK	16MC C132	Master of Computer Applications	Employability-Bulid a Project based on the specifications
380	Linear Algebra & Calculus	20MT C01	B.E.-Computer Science and Engineering	Skill development-MATLAB training to solve Complex Engineering Problems
381	English	20EG C01	B.E.-Computer Science and Engineering	Skill development-Seminars and Group Discussions
382	Optics and Semiconductor Physics	20PY C01	B.E.-Computer Science and Engineering	Skill development-Problem Solving Exercises through Assignments
383	Programming for Problem Solving	20CS C01	B.E.-Computer Science and Engineering	Employability-Critical Thinking
384	Linear Algebra & Calculus Lab	20MT C02	B.E.-Computer Science and Engineering	Skill development-MATLAB training to solve Complex Engineering Problems





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List of courses having focus on employability/ entrepreneurship / skill development offered by the Institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
385	English lab	20EG C02	B.E.-Computer Science and Engineering	Skill development-Conducted Business English Certificate (BEC) for students before practice sessions.
386	Optics and Semiconductor Physics Lab	20PY C03	B.E.-Computer Science and Engineering	Skill development-Problem Solving Exercises through Assignments
387	Programming for problem Solving Lab	20CS C02	B.E.-Computer Science and Engineering	Employability/Skill development-Programming Skills through Critical Thinking
388	CAD AND DRAFTING	20ME C01	B.E.-Computer Science and Engineering	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
389	Community Engagement	20MB C02	B.E.-Computer Science and Engineering	Skill development-Projects executed to serve the community
390	Differential Equations & Transform Theory	20MT C03	B.E.-Computer Science and Engineering	Skill development-MATLAB training to solve Complex Engineering Problems
391	Chemistry	20CYC01	B.E.-Computer Science and Engineering	Skill development-Assignments
392	Industry 4.0	20CS C05	B.E.-Computer Science and Engineering	Employability-Fundamentals of Latest Technology like Blockchain,AR,VR etc.
393	Object Oriented Programming	20CS C03	B.E.-Computer Science and Engineering	Employability-Programs for real time problems
394	Differential Equations & Transform Theory Lab	20MT C04	B.E.-Computer Science and Engineering	Skill development-MATLAB training to solve Complex Engineering Problems
395	Chemistry Lab	20CYC02 C	B.E.-Computer Science and Engineering	Skill development-Lab Experiments conducted to enhance the practical knowledge
396	Object Oriented Programming Lab	20CSC04	B.E.-Computer Science and Engineering	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
397	Workshop / Manufacturing Practice	20ME C02	B.E.-Computer Science and Engineering	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
398	Engineering Exploration	20ME C03	B.E.-Computer Science and Engineering	Employability/Skill development-Course end projects two solve the practical problems
399	Basics of Electrical Engineering	20EEC01	B.E.-Computer Science and Engineering	Employability-Assignments
400	Basic Electronics	20ECC35	B.E.-Computer Science and Engineering	Employability-Assignments
401	Data Structures	20CSC08	B.E.-Computer Science and Engineering	Employability-Quiz/Handson Session
402	Discrete Mathematics	20CSC09	B.E.-Computer Science and Engineering	Employability-Problem Solving Exercises through Assignments
403	Digital Logic Design	20CSC10	B.E.-Computer Science and Engineering	Employability-Problem Solving Exercises through Assignments
404	Indian Traditional Knowledge	20EGM02	B.E.-Computer Science and Engineering	Skill development-In Depth knowledge of Indian Traditions
405	Basics of Electrical Engineering Lab	20EEC02	B.E.-Computer Science and Engineering	Employability/Skill development-Exposure to real world circuits and electrical devices
406	Basic Electronics Lab	20ECC36	B.E.-Computer Science and Engineering	Employability/Skill development-Exposure to real world circuits and electrical devices
407	Data Structures Lab	20CSC11	B.E.-Computer Science and Engineering	Employability/Skill development-Exposure to data structures implementation and coding
408	Mathematical Foundation for Data Science & Security	20MTC13	B.E.-Computer Science and Engineering	Employability-In Depth knowledge of Mathematics required for Data Science&Security
409	Design and Analysis of Algorithms	20CSC12	B.E.-Computer Science and Engineering	Employability-Exposure on different algorithms
410	Computer Architecture and Microprocessor	20CSC13	B.E.-Computer Science and Engineering	Employability-Assignments
411	Data Base Management Systems	20CSC14	B.E.-Computer Science and Engineering	Employability-ER Diagram Charts for applications/QUIZ
412	Internet & Web Technologies	20CSC15	B.E.-Computer Science and Engineering	Employability-Static and Dynamic Website design
413	Engineering Economics & Accountancy	20MBC01	B.E.-Computer Science and Engineering	Employability-Fundamentals of Economics and Finance
414	Mathematical Foundation for Data Science & Security Lab	20MTC14	B.E.-Computer Science and Engineering	Employability/Skill development-In Depth knowledge of Mathematics required for Data Science&Security
415	Design and Analysis of Algorithms Lab	20CSC16	B.E.-Computer Science and Engineering	Employability/Skill development-Problem Solving Exercises through Assignments
416	Data Base Management Systems Lab	20CSC17	B.E.-Computer Science and Engineering	Employability/Skill development-Debugging Queries / Design database



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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
417	Internet & Web Technologies Lab	20CSC18	B.E.-Computer Science and Engineering	Employability/Skill development-Developing Simple Web Sites
418	Activity Points	20ACT	B.E.-Computer Science and Engineering	Skill development-Extra-Curricular and co-curricular activities
419	Formal Language and Automata Theory	18CSC17	B.E.-Computer Science and Engineering	Employability-Assignments
420	Operating System	18CSC18	B.E.-Computer Science and Engineering	Employability-Assignments
421	Design and Analysis of Algorithms	18CSC19	B.E.-Computer Science and Engineering	Employability-Exposure on different algorithms
422	Web and Internet Technologies	18CSE01	B.E.-Computer Science and Engineering	Skill development-Static and Dynamic Website design
423	Mobile Application Development	18CSE04	B.E.-Computer Science and Engineering	Skill development-Indepth Knowledge of Mobile Development Environment
424	Number Theory and Cryptography	18MT03	B.E.-Computer Science and Engineering	Skill development-Assignments
425	Decision Theory	18MT05	B.E.-Computer Science and Engineering	Skill development-Assignments
426	Operating System Lab	18CSC20	B.E.-Computer Science and Engineering	Employability/Skill development-Simulation of UNIX System calls in C
427	Design and Analysis of Algorithms Lab	18CSC21	B.E.-Computer Science and Engineering	Employability/Skill development-Problem Solving Exercises through Assignments
428	Mini Project	18CSC22	B.E.-Computer Science and Engineering	Employability/Skill development-Implementing Problem based learning
429	Web and Internet Technologies Lab	18CSE05	B.E.-Computer Science and Engineering	Employability/Skill development-Developing Simple Web Sites
430	Mobile Application Development Lab	18CSE08	B.E.-Computer Science and Engineering	Employability/Skill development-Developing mobile apps
431	Data Communication and Computer Networks	18CSC23	B.E.-Computer Science and Engineering	Employability-Developing Routing Algorithms, Error correction methods
432	Software Engineering	18CSC24	B.E.-Computer Science and Engineering	Employability-Assignments
433	Artificial Intelligence	18CSC25	B.E.-Computer Science and Engineering	Employability-Insight Sessions on Expert Systems
434	Engineering Economics and Accountancy	18MB01	B.E.-Computer Science and Engineering	Entrepreneurship/Skill development-Fundamentals of Economics and Finance
435	Indian Traditional Knowledge	18EEM01	B.E.-Computer Science and Engineering	Skill development-In Depth knowledge of Indian Traditions
436	Cloud Computing	18CSE11	B.E.-Computer Science and Engineering	Skill development-Exposure to various Cloud platforms
437	Soft Computing	18CSE13	B.E.-Computer Science and Engineering	Skill development-Exposure of various neural networks and fuzzy logic
438	Free and Open-Source Software	18CSE16	B.E.-Computer Science and Engineering	Skill development-Assignments
439	Data Communication and Computer Networks Lab	18CSC26	B.E.-Computer Science and Engineering	Employability/Skill development-Developing Routing Algorithms, Error correction methods
440	Case Study Lab	18CSC27	B.E.-Computer Science and Engineering	Employability/Skill development-Case studies
441	Basics of Biology	18BTO01	B.E.-Computer Science and Engineering	Employability-Inter disciplinary Knowledge
442	Compiler Design	18CSC28	B.E.-Computer Science and Engineering	Employability-Different phases and working of a compiler
443	Data Science and Big Data Analytics	18CSE17	B.E.-Computer Science and Engineering	Skill development-Assignments
444	Machine Learning	18CSE18	B.E.-Computer Science and Engineering	Skill development-Fundamental Machine Learning Concepts
445	Cyber Security	18CSE20	B.E.-Computer Science and Engineering	Skill development-Intrusion Detection System - Algorithm design
446	Human Computer Interaction	18CSE22	B.E.-Computer Science and Engineering	Skill development-Assignments
447	Neural Networks and Deep Learning	18CSE23	B.E.-Computer Science and Engineering	Skill development-Exposure of various neural networks and fuzzy logic
448	DevOps	18CSE24	B.E.-Computer Science and Engineering	Skill development-Assignments



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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the Institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
449	Disaster Mitigation and Management	18CE002	B.E. Computer Science and Engineering	Skill development-Fundamentals
450	Technical Writing Skills	18EG001	B.E. Computer Science and Engineering	Skill development-Fundamentals
451	Compiler Design Lab	18CSC29	B.E. Computer Science and Engineering	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
452	Project : PART-1	18CSC30	B.E. Computer Science and Engineering	Employability/Skill development-Identifying Problem Statement and conducting through Research
453	Data Science and Big Data Analytics Lab	18CSE26	B.E. Computer Science and Engineering	Employability/Skill development-Problem Solving Exercises through Assignments
454	Machine Learning Lab	18CSE27	B.E. Computer Science and Engineering	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
455	Cyber Security Lab	18CSE29	B.E. Computer Science and Engineering	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
456	Social Networking and its Impact	18CSE32	B.E. Computer Science and Engineering	Employability-Group Discussions and Interactions
457	Blockchain Technology	18CSE33	B.E. Computer Science and Engineering	Employability-Assignments
458	Entrepreneurship	18ME004	B.E. Computer Science and Engineering	Entrepreneurship/Skill development-Working on Ideas
459	Technical Seminar	18CSC31	B.E. Computer Science and Engineering	Employability/Skill development-Improving and focus on communications skills
460	Project : PART2	18CSC32	B.E. Computer Science and Engineering	Employability/Skill development-Implementation of Ideas
461	Linear Algebra & Calculus	20MT C01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Assignments
462	English	20EG C01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Conducted Business English Certificate (BEC) for students beyond practice sessions
463	Optics and Semiconductor Physics	20PY C01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Problem Solving Exercises through Assignments
464	Programming for Problem Solving	20CS C01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Critical Thinking
465	Linear Algebra & Calculus Lab	20MT C02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-MATLAB training to solve Complex Engineering Problems
466	English lab	20EG C02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Conducted Business English Certificate (BEC) for students beyond practice sessions
467	Optics and Semiconductor Physics Lab	20PY C03	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Problem Solving Exercises through Assignments
468	Programming for problem Solving Lab	20CS C02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Programming Skills through Critical Thinking
469	CAD AND DRAFTING	20ME C01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
470	Community Engagement	20MB C02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Projects executed to serve the community
471	Differential Equations & Transform Theory	20MT C03	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-MATLAB training to solve Complex Engineering Problems
472	Chemistry	20CYC01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Assignments
473	Industry 4.0	20CS C05	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Fundamentals of Latest Technology like Blockchain,AR,VR etc.
474	Object Oriented Programming	20CS C03	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Programs for real time problems
475	Differential Equations & Transform Theory Lab	20MT C04	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-MATLAB training to solve Complex Engineering Problems
476	Chemistry Lab	20CYC02 C	B.E.-CSE(Artificial Intelligence & Machine Learning)	Skill development-Lab Experiments conducted to enhance the practical knowledge
477	Object Oriented Programming Lab	20CSC04	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
478	Workshop / Manufacturing Practice	20ME C02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
479	Engineering Exploration	20ME C03	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Course end projects two solve the practical problems
480	Basics of Electrical Engineering	20EEC01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Assignments





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
481	Basic Electronics	20ECC35	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Assignments
482	Data Structures	20CSC08	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Quiz/Handson Session
483	Discrete Mathematics	20CSC09	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Problem Solving Exercises through Assignments
484	Digital Logic Design	20CSC10	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Problem Solving Exercises through Assignments
485	Fundamentals of Data Science	20CAC01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-In Depth knowledge of Mathematics required for Data Science&Security
486	Basics of Electrical Engineering Lab	20EEC02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Exposure to real world circuits and electrical devices
487	Basic Electronics Lab	20ECC36	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Exposure to real world circuits and electrical devices
488	Data Structures Lab	20CSC11	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Exposure to data structures implementation and coding
489	Fundamentals of Data Science Lab	20CAC02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Problem Solving Exercises through Assignments
490	Mathematical Foundation for Data Science & Security	20MTC13	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-In Depth knowledge of Mathematics required for Data Science&Security
491	Computer Architecture and Microprocessor	20CSC13	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Assignments
492	Data Base Management Systems	20CSC14	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-ER Diagram Charts for applications/QUIZ
493	Internet & Web Technologies	20CSC15	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Static and Dynamic Website design
494	Artificial Intelligence	20CAC03	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Insight Sessions on Expert Systems
495	Engineering Economics & Accountancy	20MBC01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Entrepreneurship/Skill development-Fundamentals of Economics and Finance
496	Mathematical Foundation for Data Science & Security Lab	20MTC14	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Problem Solving Exercises through Assignments
497	Data Base Management Systems Lab	20CSC17	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Debugging Queries / Design database
498	Internet & Web Technologies Lab	20CSC18	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Developing Simple Web Sites
499	Linear Algebra & Calculus	20MT C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Assignments
500	English	20EG C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Conducted Buisness Englis Certificate (BEC) for students beyond practice sessions
501	Optics and Semiconductor Physics	20PY C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Problem Solving Exercises through Assignments
502	Programming for Problem Solving	20CS C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Critical Thinking
503	Linear Algebra & Calculus Lab	20MT C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-MATLAB training to solve Complex Engineering Problems
504	English lab	20EG C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Conducted Buisness Englis Certificate (BEC) for students beyond practice sessions
505	Optics and Semiconductor Physics Lab	20PY C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Problem Solving Exercises through Assignments
506	Programming for problem Solving Lab	20CS C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Programming Skills through Critical Thinking
507	CAD AND DRAFTING	20ME C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
508	Community Engagement	20MB C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Projects executed to serve the community
509	Differential Equations & Transform Theory	20MT C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-MATLAB training to solve Complex Engineering Problems
510	Chemistry	20CYC01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Assignments
511	Industry 4.0	20CS C05	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Fundamentals of Latest Technology like Blockchain,AR,VR etc.
512	Object Oriented Programming	20CS C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Programs for real time problems





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
481	Basic Electronics	20ECC35	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Assignments
482	Data Structures	20CSC08	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Quiz/Handson Session
483	Discrete Mathematics	20CSC09	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Problem Solving Exercises through Assignments
484	Digital Logic Design	20CSC10	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Problem Solving Exercises through Assignments
485	Fundamentals of Data Science	20CAC01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-In Depth knowledge of Mathematics required for Data Science&Security
486	Basics of Electrical Engineering Lab	20EEC02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Exposure to real world circuits and electrical devices
487	Basic Electronics Lab	20ECC36	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Exposure to real world circuits and electrical devices
488	Data Structures Lab	20CSC11	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Exposure to data structures implementation and coding
489	Fundamentals of Data Science Lab	20CAC02	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Problem Solving Exercises through Assignments
490	Mathematical Foundation for Data Science & Security	20MTC13	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-In Depth knowledge of Mathematics required for Data Science&Security
491	Computer Architecture and Microprocessor	20CSC13	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Assignments
492	Data Base Management Systems	20CSC14	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-ER Diagram Charts for applications/QUIZ
493	Internet & Web Technologies	20CSC15	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Static and Dynamic Website design
494	Artificial Intelligence	20CAC03	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability-Insight Sessions on Expert Systems
495	Engineering Economics & Accountancy	20MBC01	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Entrepreneurship/Skill development-Fundamentals of Economics and Finance
496	Mathematical Foundation for Data Science & Security Lab	20MTC14	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Problem Solving Exercises through Assignments
497	Data Base Management Systems Lab	20CSC17	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Debugging Queries / Design database
498	Internet & Web Technologies Lab	20CSC18	B.E.-CSE(Artificial Intelligence & Machine Learning)	Employability/Skill development-Developing Simple Web Sites
499	Linear Algebra & Calculus	20MT C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Assignments
500	English	20EG C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Conducted Buisness Englisg Certificate (BEC) for students beyond practice sessions
501	Optics and Semiconductor Physics	20PY C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Problem Solving Exercises through Assignments
502	Programming for Problem Solving	20CS C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Critical Thinking
503	Linear Algebra & Calculus Lab	20MT C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-MATLAB training to solve Complex Engineering Problems
504	English lab	20EG C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Conducted Buisness Englisg Certificate (BEC) for students beyond practice sessions
505	Optics and Semiconductor Physics Lab	20PY C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Problem Solving Exercises through Assignments
506	Programming for problem Solving Lab	20CS C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Programming Skills through Critical Thinking
507	CAD AND DRAFTING	20ME C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
508	Community Engagement	20MB C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Projects executed to serve the community
509	Differential Equations & Transform Theory	20MT C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-MATLAB training to solve Complex Engineering Problems
510	Chemistry	20CYC01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Assignments
511	Industry 4.0	20CS C05	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Fundamentals of Latest Technology like Blockchain,AR,VR etc.
512	Object Oriented Programmng	20CS C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Programs for real time problems





# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
513	Differential Equations & Transform Theory Lab	20MT C04	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-MATLAB training to solve Complex Engineering Problems
514	Chemistry Lab	20CYC02 C	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Lab Experiments conducted to enhance the practical knowledge
515	Object Oriented Programming Lab	20CSC04	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
516	Workshop / Manufacturing Practice	20ME C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
517	Engineering Exploration	20ME C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Course end projects two solve the practical problems
518	Basic Electrical Engineering	20EEC01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Assignments
519	Basic Electronics	20ECC35	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Assignments
520	Data Structures	20CSC08	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Quiz/Handson Session
521	Discrete Mathematics	20CSC09	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Problem Solving Exercises through Assignments
522	Digital Logic Design	20CSC10	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Exposure to digital logic circuits and implementation
523	Fundamentals of Cyber Security and Tools	20CIC01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Intrusion Detection System - Algorithm design
524	Basic Electrical Engineering Lab	20EEC02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Exposure to real world circuits and electrical devices
525	Data Structures Lab	20CSC11	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Exposure to data structures implementation and coding
526	Fundamentals of Cyber Security and Tools Lab	20CIC02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Intrusion Detection System - Algorithm design
527	MOOCs / Training / Internship	20CII01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Implementation of Real World problems
528	Activity Points	20ACT	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Extra-Curricular and co-curricular activities
529	Mathematical Foundation for Data Science & Security	20MTC13	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-In Depth knowledge of Mathematics required for Data Science&Security
530	Computer Architecture and Microprocessor	20CSC13	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Assignments
531	Data Base Management Systems	20CSC14	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-ER Diagram Charts for applications/QUIZ
532	Internet & Web Technologies	20CSC15	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Static and Dynamic Website design
533	Introduction to AI Tools, Techniques and Applications	20CSC36	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability-Insight Sessions on Expert Systems
534	Engineering Economics & Accountancy	20MBC01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Entrepreneurship/Skill development-Fundamentals of Economics and Finance
535	Mathematical Foundation for Data Science & Security Lab	20MTC14	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Problem Solving Exercises through Assignments
536	Data Base Management Systems Lab	20CSC17	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Debugging Queries / Design database
537	Internet & Web Technologies Lab	20CSC18	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Developing Simple Web Sites
538	Introduction to AI Tools, Techniques and Applications Lab	20CSC37	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Employability/Skill development-Insight Sessions on Expert Systems
539	Activity Points	20ACT	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	Skill development-Extra-Curricular and co-curricular activities
540	Linear Algebra & Calculus	20MT C01	B.E-Artificial Intelligence & Machine Learning	Skill development-MATLAB training to solve Complex Engineering Problems
541	English	20EG C01	B.E-Artificial Intelligence & Machine Learning	Skill development-Conducted Buisness Englisg Certificate (BEC) for students beyond practice sessions
542	Optics and Semiconductor Physics	20PY C01	B.E-Artificial Intelligence & Machine Learning	Skill development-Problem Solving Exercises through Assignments
543	Programming for Problem Solving	20CS C01	B.E-Artificial Intelligence & Machine Learning	Employability-Critical Thinking
544	Linear Algebra & Calculus Lab	20MT C02	B.E-Artificial Intelligence & Machine Learning	Skill development-MATLAB training to solve Complex Engineering Problems



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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
545	English lab	20EG C02	B.E-Artificial Intelligence & Machine Learning	Skill development-Conducted Buisness Englisg Certificate (BEC) for students beyond practice sessions
546	Optics and Semiconductor Physics Lab	20PY C03	B.E-Artificial Intelligence & Machine Learning	Skill development-Problem Solving Exercises through Assignments
547	Programming for problem Solving Lab	20CS C02	B.E-Artificial Intelligence & Machine Learning	Employability/Skill development-Programming Skills through Critical Thinking
548	CAD AND DRAFTING	20ME C01	B.E-Artificial Intelligence & Machine Learning	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
549	Community Engagement	20MB C02	B.E-Artificial Intelligence & Machine Learning	Skill development-Projects executed to serve the community
550	Differential Equations & Transform Theory	20MT C03	B.E-Artificial Intelligence & Machine Learning	Employability-MATLAB training to solve Complex Engineering Problems
551	Chemistry	20CY C01	B.E-Artificial Intelligence & Machine Learning	Skill development-Assignments
552	Industry 4.0	20CS C05	B.E-Artificial Intelligence & Machine Learning	Employability-Fundamentals of Latest Technology like Blockchain,AR,VR etc.
553	Object Oriented Programming	20CS C03	B.E-Artificial Intelligence & Machine Learning	Employability-Programs for real time problems
554	Differential Equations & Transform Theory Lab	20MT C04	B.E-Artificial Intelligence & Machine Learning	Employability/Skill development-MATLAB training to solve Complex Engineering Problems
555	Chemistry Lab	20CY C02	B.E-Artificial Intelligence & Machine Learning	Skill development-Lab Experiments conducted to enhance the practical knowledge
556	Object Oriented Programming Lab	20CS C04	B.E-Artificial Intelligence & Machine Learning	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
557	Workshop / Manufacturing Practice	20ME C02	B.E-Artificial Intelligence & Machine Learning	Employability/Skill development-Lab Experiments conducted to enhance the practical knowledge
558	Engineering Exploration	20ME C03	B.E-Artificial Intelligence & Machine Learning	Employability/Skill development-Course end projects two solve the practical problems
559	Mathematical Foundation of Computer science	20CSC 101	M.Tech-Computer Science and Engineering	Employability-Assignments
560	Advanced Data Structures	20CSC 102	M.Tech-Computer Science and Engineering	Employability-Quiz/Handson Session
561	Machine Learning	20CSE101	M.Tech-Computer Science and Engineering	Employability/Skill development-Fundamental Machine Learning Concepts
562	Research Methodology and IPR	20MEC103	M.Tech-Computer Science and Engineering	Employability-Assignments
563	Data Science and big data analytics	20CSE113	M.Tech-Computer Science and Engineering	Skill development-Assignments
564	English for research paper writing	20EGA101	M.Tech-Computer Science and Engineering	Skill development-Conducted Buisness Englisg Certificate (BEC) for students beyond practice sessions
565	Laboratory 1 (Advanced Data Structures)	20CSC103	M.Tech-Computer Science and Engineering	Employability/Skill development-Exposure to data structures implementation and coding
566	Machine Learning	20CSE107	M.Tech-Computer Science and Engineering	Skill development-Fundamental Machine Learning Concepts
567	Advanced Algorithms	20CSC 104	M.Tech-Computer Science and Engineering	Employability-Exposure on different algorithms
568	Soft Computing	20CSC 105	M.Tech-Computer Science and Engineering	Employability-Exposure of various neural networkes and fuzzy logic
569	Disaster Mitigation and Management	20CEA101	M.Tech-Computer Science and Engineering	Skill development-Fundamentals
570	Data Preparation and Analysis	20CSE104	M.Tech-Computer Science and Engineering	Skill development-Fundamentals
571	Human and Computer Interaction	20CSE116	M.Tech-Computer Science and Engineering	Skill development-Fundamentals
572	Advanced algorithms and soft computing laboratory	20CSC106	M.Tech-Computer Science and Engineering	Employability-Exposure of various neural networkes and fuzzy logic
573	Data preparation and analysis lab	20CSC110	M.Tech-Computer Science and Engineering	Employability/Skill development-Implementing Problem based learning
574	Miniprojects with seminar	20CSC107	M.Tech-Computer Science and Engineering	Employability/Skill development-Implementing Problem based learning
575	Mobile Applications and services	20CSE119	M.Tech-Computer Science and Engineering	Employability-Indepth Knowledge of Mobile Development Environment
576	Introduction to optimization techniques	20MEO102	M.Tech-Computer Science and Engineering	Skill development-Efficiency of the Implementation



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List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
577	Dissertation Phase-I	20CSC109	M.Tech-Computer Science and Engineering	Employability/Skill development-Implementing a Problem
578	Dissertation phase II	20CSC109	M.Tech-Computer Science and Engineering	Employability/Skill development-Implementing a Problem
579	Linear Algebra & Calculus	20MT C01	B.E. - Information Technology	MATLAB training to solve Complex Engineering Problems
580	English	20EG C01	B.E. - Information Technology	Seminars and Group Discussions
581	Optics and Semiconductor Physics	20PY C01	B.E. - Information Technology	Assignments
582	Programming for Problem Solving	20CS C01	B.E. - Information Technology	Assignments, coding contest
583	Linear Algebra & Calculus Lab	20MT C02	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
584	English lab	20EG C02	B.E. - Information Technology	Seminars and Group Discussions
585	Optics and Semiconductor Physics Lab	20PY C03	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
586	Programming for problem Solving Lab	20CS C02	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
587	CAD and Drafting	20ME C01	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
588	Community Engagement	20MB C02	B.E. - Information Technology	Seminars and Group Discussions
589	Differential Equations & Transform Theory	20MT C03	B.E. - Information Technology	Assignments
590	Chemistry	20CY C01	B.E. - Information Technology	Assignments
591	Data Structures and Algorithms	20IT C01	B.E. - Information Technology	Problem Solving - Previous GATE Questions
592	Object Oriented Programming using Python	20IT C02	B.E. - Information Technology	Programs for real time problems
593	Differential Equations & Transform Theory Lab	20MT C04	B.E. - Information Technology	Assignments
594	Chemistry Lab	20CY C02	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
595	Data Structures and Algorithms Lab	20IT C03	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
596	Object Oriented Programming using Python Lab	20IT C04	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
597	Workshop / Manufacturing Practice	20ME C02	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
598	Engineering Exploration	20ME C03	B.E. - Information Technology	Course end projects to solve the practical problems
599	DC Circuits, Sensors and Transducers	20ECC34	B.E. - Information Technology	Course end projects to solve the practical problems
600	Digital Logic and Computer Architecture	20ITC05	B.E. - Information Technology	Course end projects
601	Discrete Mathematics and Applications	20ITC06	B.E. - Information Technology	Problem Solving - Previous GATE Questions
602	Java Programming & Enterprise Frameworks	20ITC07	B.E. - Information Technology	Programs for real time problems
603	Database Management Systems	20ITC08	B.E. - Information Technology	Programs for real time problems
604	Indian Constitution and Fundamental Principles	20EGM01	B.E. - Information Technology	Assignments
605	Indian Traditional Knowledge	20EGM02	B.E. - Information Technology	Assignments
606	Java Programming & Enterprise Frameworks Lab	20ITC09	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
607	DBMS Lab	20ITC10	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
608	IT Workshop	20ITC11	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge



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List of courses having focus on employability/ entrepreneurship / skill development offered by the Institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
609	Mini Project-1	20ITC12	B.E. - Information Technology	Seminars conducted
610	MOOCs/Training/Internship	20ITI01	B.E. - Information Technology	Seminars conducted
611	Probability and Queueing Theory	20MTC12	B.E. - Information Technology	Problem Solving Exercises through Assignments
612	Software Engineering	20MTC13	B.E. - Information Technology	Assignments
613	Automata Theory and Compiler Design	20MTC14	B.E. - Information Technology	Assignments
614	Design and Analysis of Algorithms	20MTC15	B.E. - Information Technology	Problem Solving Exercises through Assignments
615	Digital Image Processing	20ITE01	B.E. - Information Technology	Skill development/Employability
616	Data Analysis and Visualization	20ADE01	B.E. - Information Technology	Case studies
617	Engineering Economics & Accountancy	20MBC01	B.E. - Information Technology	Assignments
618	Environmental Science	20CEM01	B.E. - Information Technology	Assignments
619	Mobile Application Development with Android and Kotlin	20ITE02	B.E. - Information Technology	Assignments
620	Software Engineering Lab	20ITC16	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
621	Design and Analysis of Algorithms Lab	20ITC17	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
622	Artificial Intelligence & Machine Learning Tools, Techniques and Applications	20ADC03	B.E. - Information Technology	Case studies
623	Mini Project – II	20ITC18	B.E. - Information Technology	Seminars conducted
624	Operating Systems	18IT C15	B.E. - Information Technology	Problem Solving Exercises through Assignments
625	Theory of Automata	18IT C16	B.E. - Information Technology	Assignments
626	Computer Networks	18IT C17	B.E. - Information Technology	Problem Solving Exercises through Assignments
627	Software Engineering	18IT C18	B.E. - Information Technology	Assignments
628	Data Warehousing and Data Mining	18IT E01	B.E. - Information Technology	Problem Solving Exercises through Assignments
629	UNIX and Shell Programming	18IT E04	B.E. - Information Technology	Programs for real time problems
630	Predictive Analytics with 'R'	18IT E05	B.E. - Information Technology	Programs for real time problems
631	Web Technologies	18IT E06	B.E. - Information Technology	Developing simple web site
632	Operating Systems and Computer Networks Lab	18IT C19	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
633	Software Engineering Lab	18IT C20	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
634	Mini Project - III	18IT C21	B.E. - Information Technology	Seminars conducted
635	Artificial Intelligence	18IT C22	B.E. - Information Technology	Assignments
636	Information Security	18IT C23	B.E. - Information Technology	Problem Solving Exercises through Assignments
637	Social Media Analytics	18IT E09	B.E. - Information Technology	Case studies
638	Mobile Commerce	18IT E12	B.E. - Information Technology	Case studies
639	Data Science with Python	18IT E13	B.E. - Information Technology	Assignments
640	Cyber Security	18IT E16	B.E. - Information Technology	Case studies





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
641	Engineering Economics and Accountancy	18MB C01	B.E. - Information Technology	Assignments
642	Gender Sensitization	18EG O02	B.E. - Information Technology	Seminars and Group Discussions
643	Indian Traditional Knowledge	18EE M01	B.E. - Information Technology	Assignments
644	Artificial Intelligence Lab	18IT C24	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
645	Information Security Lab	18IT C25	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
646	Mini Project - IV	18IT C26	B.E. - Information Technology	Seminars and Group Discussions
647	Big Data Analytics	18IT C27	B.E. - Information Technology	Case studies
648	Embedded Systems	18IT C28	B.E. - Information Technology	Assignments
649	Internet of Things	18IT C29	B.E. - Information Technology	Development of an IOT Environment using ARDUINO
650	Distributed Systems	18IT C30	B.E. - Information Technology	Assignments
651	Cloud Computing	18IT E17	B.E. - Information Technology	Case studies
652	Block Chain Technology	18IT E20	B.E. - Information Technology	Case studies
653	Big Data Analytics Lab	18IT C31	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
654	Embedded Systems and IoT Lab	18IT C32	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
655	Distributed Systems Lab	18IT C33	B.E. - Information Technology	Lab Experiments conducted to enhance the practical knowledge
656	Project Part - 1	18IT C34	B.E. - Information Technology	Seminars conducted
657	Intellectual Property Rights	18ME007	B.E. - Information Technology	Assignments
658	Entrepreneurship	18ME 004	B.E. - Information Technology	Analyze startup/ideas
659	Technical Writing Skills	18EG O01	B.E. - Information Technology	Assignments
660	Technical Seminar	18IT C35	B.E. - Information Technology	Seminars conducted
661	Project Part-2	18ITC36	B.E. - Information Technology	Seminars conducted
662	Linear Algebra & Calculus	20MT C01	B.E. - Artificial Intelligence and Data Science	MATLAB training to solve Complex Engineering Problems
663	English	20EG C01	B.E. - Artificial Intelligence and Data Science	Seminars and Group Discussions
664	Optics and Semiconductor Physics	20PY C01	B.E. - Artificial Intelligence and Data Science	Assignments
665	Programming for Problem Solving	20CS C01	B.E. - Artificial Intelligence and Data Science	Assignments
666	Linear Algebra & Calculus Lab	20MT C02	B.E. - Artificial Intelligence and Data Science	MATLAB training to solve Complex Engineering Problems
667	English lab	20EG C02	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
668	Optics and Semiconductor Physics Lab	20PY C03	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
669	Programming for problem Solving Lab	20CS C02	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
670	CAD and Drafting	20ME C01	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
671	Community Engagement	20MB C02	B.E. - Artificial Intelligence and Data Science	Field Trips & Group discussions
672	Differential Equations & Transform Theory	20MT C03	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises through Assignments

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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
673	Chemistry	20CY C01	B.E. - Artificial Intelligence and Data Science	Assignments
674	Data Structures and Algorithms	20IT C01	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises through Assignments
675	Object Oriented Programming using Python	20IT C02	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
676	Differential Equations & Transform Theory Lab	20MT C04	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
677	Chemistry Lab	20CYC02	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
678	Data Structures and Algorithms Lab	20IT C03	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
679	Object Oriented Programming using Python Lab	20IT C04	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
680	Workshop / Manufacturing Practice	20ME C02	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
681	Engineering Exploration	20ME C03	B.E. - Artificial Intelligence and Data Science	Course end projects to solve the practical problems
682	DC Circuits, Sensors and Transducers	20ECC34	B.E. - Artificial Intelligence and Data Science	Course end projects to solve the practical problems
683	Probability and Statistics	20MTC09	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
684	Database Management Systems	20ITC08	B.E. - Artificial Intelligence and Data Science	Programs for real time problems with different case studies
685	Java Programming	20ADC01	B.E. - Artificial Intelligence and Data Science	Programs for real time problems
686	Digital Logic and Computer Architecture	20ITC05	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
687	Indian Constitution and Fundamental Principles	20EGM01	B.E. - Artificial Intelligence and Data Science	Assignments
688	Indian Traditional Knowledge	20EGM02	B.E. - Artificial Intelligence and Data Science	Assignments
689	DBMS Lab	20ITC10	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
690	Java Programming Lab	20ADC02	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge with real world problems
691	Artificial Intelligence & Machine Learning Tools, Techniques and Applications	20ADC03	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
692	Mini Project - I	20ITC12	B.E. - Artificial Intelligence and Data Science	Project Work Presentation
693	MOOCs/Training/Internship	20ADI01	B.E. - Artificial Intelligence and Data Science	Seminars conducted
694	Stochastic Process and Queueing Theory	20MTC10	B.E. - Artificial Intelligence and Data Science	Think-Pair and share
695	Discrete Mathematics and Applications	20ITC06	B.E. - Artificial Intelligence and Data Science	Problem Solving - Previous GATE Questions
696	Design and Analysis of Algorithms	20ITC15	B.E. - Artificial Intelligence and Data Science	Role play / Quiz/ NPTEL Assignments
697	Machine Learning	20ADC 04	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments with different data sets
698	Image Processing	20ITE01	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
699	Data Analysis and Visualization	20ADE01	B.E. - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
700	Mobile Application Development with Android and Kotlin	20ITE02	B.E. - Artificial Intelligence and Data Science	Assignments
701	Engineering Economics and Accountancy	20EGM01	B.E. - Artificial Intelligence and Data Science	Assignments, seminars
702	Environmental Science	20CEM01	B.E. - Artificial Intelligence and Data Science	Assignments
703	Stochastic Process and Queueing Theory Lab	20MTC11	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
704	Design and Analysis of Algorithms Lab	20ITC17	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge

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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
705	Machine Learning Lab	20ADC05	B.E. - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
706	Mini Project-II	20ITC12	B.E. - Artificial Intelligence and Data Science	Project Work Presentation
707	Mathematical Foundations of Data Science	20MTC101	M.Tech - Artificial Intelligence and Data Science	Practical exposure of the real world problems
708	Artificial Intelligence	20ITC101	M.Tech - Artificial Intelligence and Data Science	Case Studies
709	Information Retrieval Systems	20ITE103	M.Tech - Artificial Intelligence and Data Science	Data Analysis
710	Predictive Analytics with R	20ITE116	M.Tech - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
711	Research Methodology and IPR	20MEM103	M.Tech - Artificial Intelligence and Data Science	Case studies related to Research Methodology and IPR
712	English for Research Paper Writing	20EGA101	M.Tech - Artificial Intelligence and Data Science	Conducted Group discussion for the students beyond practice sessions
713	Mathematical Foundations of Data Science Lab	20MTC102	M.Tech - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
714	Artificial Intelligence Lab	20ITC104	M.Tech - Artificial Intelligence and Data Science	Lab Experiments conducted with different case studies to enhance the practical knowledge
715	Predictive Analytics with R Lab	20ITE126	M.Tech - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
716	Introduction to data science	20ITC102	M.Tech - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
717	Machine Learning	20ITC103	M.Tech - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
718	Social Network Analytics	20ITE105	M.Tech - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
719	Big Data Analytics	20ITE114	M.Tech - Artificial Intelligence and Data Science	Problem Solving Exercises Through Assignments
720	Value Education	20ECA101	M.Tech - Artificial Intelligence and Data Science	Guest Lectures on value education
721	Introduction to data science Lab	20ITC105	M.Tech - Artificial Intelligence and Data Science	Lab Experiments conducted to enhance the practical knowledge
722	Machine Learning Lab	20ITC106	M.Tech - Artificial Intelligence and Data Science	Lab Experiments conducted with different case studies to enhance the practical knowledge
723	Big Data Analytics Lab	20ITE124	M.Tech - Artificial Intelligence and Data Science	Lab Experiments conducted with different case studies to enhance the practical knowledge
724	Mini Project with Seminar	20ITC107	M.Tech - Artificial Intelligence and Data Science	Problem Identification & Implementation Work Presentation
725	Business Analytics (Open Elective)	20CSO101	M.Tech - Artificial Intelligence and Data Science	Case Studies
726	Block Chain technology	20ITE106	M.Tech - Artificial Intelligence and Data Science	Guest Lecture
727	Dissertation/Phase-I	20ITC108	M.Tech - Artificial Intelligence and Data Science	Project Work Presentation
728	Dissertation/Phase-II	20ITC109	M.Tech - Artificial Intelligence and Data Science	Project Work Presentation
729	Calculus	20MT C05	B.E. - Electrical and Electronics Engineering	Skill Development
730	Chemistry	20CY C01	B.E. - Electrical and Electronics Engineering	Skill Development
731	Engineering Mechanics-I	20CE C01	B.E. - Electrical and Electronics Engineering	Skill Development
732	Programming for Problem Solving	20CS C01	B.E. - Electrical and Electronics Engineering	Skill Development
733	Chemistry Lab	20CY C02	B.E. - Electrical and Electronics Engineering	Skill Development
734	Programming for Problem Solving Lab	20CS C02	B.E. - Electrical and Electronics Engineering	Skill Development
735	Workshop/ Manufacturing Practice	20ME C02	B.E. - Electrical and Electronics Engineering	Skill Development
736	Engineering Exploration	20ME C03	B.E. - Electrical and Electronics Engineering	Skill Development



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List of courses having focus on employability/ entrepreneurship / skill development offered by the institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
737	Vector Calculus and Differential Equations	20MT C06	B.E. - Electrical and Electronics Engineering	Skill Development
738	English	20EG C01	B.E. - Electrical and Electronics Engineering	Skill Development
739	Electromagnetic Theory and Quantum Mechanics	20PY C06	B.E. - Electrical and Electronics Engineering	Skill Development
740	Basic Electrical Engineering	20EE C01	B.E. - Electrical and Electronics Engineering	Skill Development
741	English lab	20EG C02	B.E. - Electrical and Electronics Engineering	Skill Development
742	Electromagnetic Theory and Quantum Mechanics Lab	20PY C09	B.E. - Electrical and Electronics Engineering	Skill Development
743	Basic Electrical Engineering Lab	20EE C02	B.E. - Electrical and Electronics Engineering	Skill Development
744	CAD and Drafting	20ME C01	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
745	Community Engagement	20MB C02	B.E. - Electrical and Electronics Engineering	Skill Development
746	Core- 1: Electrical Circuit Analysis	20EE C03	B.E. - Electrical and Electronics Engineering	Skill Development
747	Core- 2: Analog Electronic Circuits	20EE C04	B.E. - Electrical and Electronics Engineering	Skill Development
748	Core- 3: Electrical Measurements and Instrumentation	20EE C05	B.E. - Electrical and Electronics Engineering	Skill Development
749	Core- 4: Signals & Systems	20EE C06	B.E. - Electrical and Electronics Engineering	Skill Development
750	AEC Lab	20EE C07	B.E. - Electrical and Electronics Engineering	Skill Development
751	ECM Lab	20EE C08	B.E. - Electrical and Electronics Engineering	Skill Development
752	Digital Electronics	20EE C09	B.E. - Electrical and Electronics Engineering	Skill Development
753	Electrical Machines-I	20EE C10	B.E. - Electrical and Electronics Engineering	Skill Development
754	Electromagnetic Fields	20EE C11	B.E. - Electrical and Electronics Engineering	Skill Development
755	Power Electronics	20EE C12	B.E. - Electrical and Electronics Engineering	Skill Development
756	Power Systems-I	20EE C13	B.E. - Electrical and Electronics Engineering	Skill Development
757	Digital Electronics Lab	20EE C14	B.E. - Electrical and Electronics Engineering	Skill Development
758	Electrical Machines-I Lab	20EE C15	B.E. - Electrical and Electronics Engineering	Skill Development
759	Power Electronics Lab	20EE C16	B.E. - Electrical and Electronics Engineering	Skill Development
760	Electrical Machines-II	18EE C14	B.E. - Electrical and Electronics Engineering	Skill Development
761	Power Systems-II	18EE C15	B.E. - Electrical and Electronics Engineering	Skill Development
762	Power Electronics	18EE C16	B.E. - Electrical and Electronics Engineering	Skill Development
763	Wind and Solar Energy	18EE E01	B.E. - Electrical and Electronics Engineering	Skill Development
764	Optimization Techniques	18EE E02	B.E. - Electrical and Electronics Engineering	Skill Development
765	Electrical Engineering Materials	18EE E03	B.E. - Electrical and Electronics Engineering	Skill Development & Entrepreneurship
766	Simulation Techniques in Electrical Engineering	18EE E05	B.E. - Electrical and Electronics Engineering	Skill Development
767	Industrial Electrical Systems	18EE E07	B.E. - Electrical and Electronics Engineering	Skill Development
768	Electrical Estimation & Costing	18EE E08	B.E. - Electrical and Electronics Engineering	Skill Development & Employability





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
769	Electrical Machines-II Lab	18EEEC17	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
770	Power Systems-I Lab	18EEEC18	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
771	Power Electronics Lab	18EEEC19	B.E. - Electrical and Electronics Engineering	Skill Development
772	Control Systems	18EEEC20	B.E. - Electrical and Electronics Engineering	Skill Development
773	Microprocessors and Microcontrollers	18EEEC21	B.E. - Electrical and Electronics Engineering	Skill Development
774	Power Systems Operation and Control	18EEEC22	B.E. - Electrical and Electronics Engineering	Skill Development
775	Power Quality	18EEEE09	B.E. - Electrical and Electronics Engineering	Skill Development
776	Electrical Distribution Systems	18EEEE11	B.E. - Electrical and Electronics Engineering	Skill Development
777	HVDC Transmission Systems	18EEEE12	B.E. - Electrical and Electronics Engineering	Skill Development
778	AI Techniques in Electrical Engineering	18EEEE13	B.E. - Electrical and Electronics Engineering	Skill Development
779	Electric Hybrid Vehicles	18EEEE14	B.E. - Electrical and Electronics Engineering	Entrepreneurship, Skill Development & Employability
780	Waste Management	18EEO05	B.E. - Electrical and Electronics Engineering	Skill Development
781	Control Systems Lab	18EEEC23	B.E. - Electrical and Electronics Engineering	Skill Development
782	Microprocessors Lab	18EEEC24	B.E. - Electrical and Electronics Engineering	Skill Development
783	Power System Protection	18EEEC25	B.E. - Electrical and Electronics Engineering	Skill Development
784	Electrical Drives	18EEEC26	B.E. - Electrical and Electronics Engineering	Skill Development
785	Signals & Systems	18EEEC27	B.E. - Electrical and Electronics Engineering	Skill Development
786	Electrical Machine Design	18EEEE19	B.E. - Electrical and Electronics Engineering	Skill Development
787	High Voltage Engineering	18EEEE20	B.E. - Electrical and Electronics Engineering	Skill Development
788	Energy Management Systems	18EEO02	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
789	Energy Conservation	18EEO04	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
790	Power Systems-II Lab	18EEEC28	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
791	Electrical Drives Lab	18EEEC29	B.E. - Electrical and Electronics Engineering	Skill Development
792	Project: Part-1	18EEEC30	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
793	Digital Signal Processing	18EEEE22	B.E. - Electrical and Electronics Engineering	Skill Development
794	Smart Grid	18EEEE23	B.E. - Electrical and Electronics Engineering	Skill Development
795	Technical Seminar	18EEEC31	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
796	Project: Part-2	18EEEC32	B.E. - Electrical and Electronics Engineering	Entrepreneurship, Skill Development & Employability
797	Waste Management	18EEO05	B.E. - Electrical and Electronics Engineering	Entrepreneurship, Skill Development & Employability
798	Energy Auditing	18EEO03	B.E. - Electrical and Electronics Engineering	Skill Development & Employability
799	Real Time Applications for Power systems	20EEEC101	M.E. - Power Systems and Power Electronics	Skill Development & Employability
800	Power Electronic Converters	20EEEC102	M.E. - Power Systems and Power Electronics	Skill Development & Employability

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List of courses having focus on employability/ entrepreneurship / skill development offered by the Institution:AY:2021-22

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
801	Artificial Intelligence Techniques	20EEE108	M.E. - Power Systems and Power Electronics	Skill Development & Employability
802	Power Quality	20EEE110	M.E. - Power Systems and Power Electronics	Skill Development & Employability
803	Research Methodology and IPR	20MEC103	M.E. - Power Systems and Power Electronics	Skill Development & Employability
804	English for Research Paper Writing	20EGA101	M.E. - Power Systems and Power Electronics	Skill Development & Employability
805	Power Systems Lab	20EEC103	M.E. - Power Systems and Power Electronics	Skill Development & Employability
806	Power Electronics Simulation Lab	20EEC104	M.E. - Power Systems and Power Electronics	Skill Development & Employability
807	Power System dynamics	20EEC105	M.E. - Power Systems and Power Electronics	Skill Development & Employability
808	Advanced Power Electronic Circuits	20EEC106	M.E. - Power Systems and Power Electronics	Skill Development & Employability
809	Renewable Energy System	20EEE107	M.E. - Power Systems and Power Electronics	Skill Development & Employability
810	Energy Auditing & Management	20EEE113	M.E. - Power Systems and Power Electronics	Skill Development & Employability
811	Disaster Mitigation and Management	20CEA101	M.E. - Power Systems and Power Electronics	Skill Development & Employability
812	Power Electronics Lab	20EEC107	M.E. - Power Systems and Power Electronics	Skill Development & Employability
813	Power Systems Simulation Lab	20EEC108	M.E. - Power Systems and Power Electronics	Skill Development & Employability
814	Mini Project with Seminar	20EEC109	M.E. - Power Systems and Power Electronics	Skill Development & Employability
815	Electric and Hybrid Vehicles	20EEE116	M.E. - Power Systems and Power Electronics	Skill Development & Employability
816	Introduction to Optimization Techniques	20MEO102	M.E. - Power Systems and Power Electronics	Skill Development & Employability
817	Industrial Project/Dissertation Phase I	20EEC110	M.E. - Power Systems and Power Electronics	Entrepreneurship, Skill Development & Employability
818	Dissertation Phase II	20EEC111	M.E. - Power Systems and Power Electronics	Entrepreneurship, Skill Development & Employability
819	Calculus	20MTC05	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
820	Chemistry	20CYC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
821	Engineering Mechanics-I	20CEC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
822	Programming for Problem Solving	20CSC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development, Coding Skills for Skill development
823	Chemistry Lab	20CYC02	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
824	Programming for Problem Solving Lab	20CSC02	B.E-Electronics and Communication Engineering	Lab Tasks and Coding Skills for Skill development
825	Workshop/ Manufacturing Practice	20MEC02	B.E-Electronics and Communication Engineering	Lab Tasks for Skill development
826	Engineering Exploration	20MEC03	B.E-Electronics and Communication Engineering	Lab Tasks for Skill development
827	Vector Calculus and Differential Equations	20MTC06	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
828	English	20EGC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
829	Electromagnetic Theory and Quantum Mechanics	20PYC06	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
830	Basic Electrical Engineering	20EEC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
831	English lab	20EGC02	B.E-Electronics and Communication Engineering	Lab Tasks for Skill development
832	Electromagnetic Theory and Quantum Mechanics Lab	20PYC09	B.E-Electronics and Communication Engineering	Lab Tasks for Skill development





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
833	Basic Electrical Engineering Lab	20EEC02	B.E-Electronics and Communication Engineering	Lab Tasks for Skill development
834	CAD and Drafting	20MEC01	B.E-Electronics and Communication Engineering	Lab Tasks for Skill development
835	Community Engagement	20MBC02	B.E-Electronics and Communication Engineering	Visit to near by villages and taking up their problems to give technical solutions for Skill development
836	Applied Mathematics	20MTC07	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
837	Basics of Data Structures	20CSC06	B.E-Electronics and Communication Engineering	Home Assignment for Skill development, Coding Skills for Skill development
838	Electromagnetic Theory and Transmission Lines	20ECC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
839	Electronic Devices	20ECC02	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
840	Network Theory	20ECC03	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
841	Signals and Systems	20ECC04	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
842	Environmental Science	20CEM01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
843	Basics of Data Structures Lab	20CSC07	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
844	Electronic Devices Lab	20ECC05	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
845	Electronic Workshop and Networks Lab	20ECC06	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
846	MOOCs/Training/Internship	20ECI01	B.E-Electronics and Communication Engineering	Training for Skill development and Employability
847	Analog Circuits	20ECC07	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
848	Analog Communication	20ECC08	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
849	Antennas and Wave Propagation	20ECC09	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
850	Control Systems	20ECC10	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
851	Digital Systems Design	20ECC11	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
852	Universal Human Values II: Understanding Harmony	20EGM03	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
853	Indian Constitution and Fundamental Principles	20EGM01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
854	Indian Traditional Knowledge	20EGM02	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
855	Analog Circuits Lab	20ECC12	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
856	Analog Communication Lab	20ECC13	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
857	Digital Systems Design Lab	20ECC14	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
858	Computer Architecture and Microprocessors	18ECC15	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
859	Digital Communication	18ECC16	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
860	Linear and Digital Integrated Circuits	18ECC17	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
861	Principles of Management	18MEC09	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
862	Electronic Measurements and Instrumentation	18ECE01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
863	Optical Communication	18ECE03	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
864	Telecommunication Switching Systems	18ECE04	B.E-Electronics and Communication Engineering	Home Assignment for Skill development



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
865	Fundamentals of Virtual Reality	18CSO05	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
866	Object Oriented Programming Using Java	18ITO01	B.E-Electronics and Communication Engineering	Home Assignment, Coding Skills
867	Quantum Computing	18MT004	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
868	Digital Communication Lab	18ECC18	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
869	Linear and Digital Integrated Circuits Lab	18ECC19	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
870	Digital Signal Processing	18ECC20	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
871	Microcontrollers	18ECC21	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
872	Microwave and Radar Engineering	18ECC22	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
873	Principles and Applications of AI	18ECE07	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
874	CPLD and FPGA Architectures	18ECE11	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
875	Data Analytics for signal processing	18ECE12	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
876	Satellite Communication	18ECE13	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
877	Engineering Economics and Accountancy	18MBC01	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
878	Digital Signal Processing Lab	18ECC23	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
879	Microcontrollers Lab	18ECC24	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
880	Microwave Engineering Lab	18ECC25	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
881	Computer Networks	18ECC26	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
882	VLSI Design	18ECC27	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
883	Cryptography and Blockchain Technology	18ECE15	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
884	DSP Processors and Architectures	18ECE16	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
885	Digital Image Processing	18ECE21	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
886	Embedded Systems	18ECE22	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
887	5G Communications	18ECE24	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
888	Entrepreneurship	18MEO04	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
889	Fundamentals of DBMS	18CSO06	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
890	Python Programming	18ITO02	B.E-Electronics and Communication Engineering	Home Assignment for Skill development, Coding Skills for Skill development
891	Computer Networks Lab	18ECC28	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
892	Electronic Design and Automation Lab	18ECC29	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
893	Electronics Measurement and Simulation Lab	18ECC30	B.E-Electronics and Communication Engineering	Lab Tasks, Mini Project for Skill development and Employability
894	Project: Part-1	18ECC31	B.E-Electronics and Communication Engineering	Seminar Presentation on Emerging Technologies
895	Industrial Visit	18ECC32	B.E-Electronics and Communication Engineering	Field Trip, Report Writing for Skill development and Employability
896	IoT and its Applications	18ECE25	B.E-Electronics and Communication Engineering	Home Assignment for Skill development





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**List of courses having focus on employability/ entrepreneurship / skill development offered by the Institution:AY:2021-22**

S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
897	Principles of Wireless Sensor Networks	18ECE27	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
898	Gender Sensitization	18EGO02	B.E-Electronics and Communication Engineering	Home Assignment for Skill development
899	Machine Learning using Python	18CSO10	B.E-Electronics and Communication Engineering	Home Assignment for Skill development, Coding Skills for Skill development and Employability
900	Technical Seminar	18ECC33	B.E-Electronics and Communication Engineering	Seminar Presentation on Emerging Technologies for Skill development and Employability
901	Project: Part-2	18ECC34	B.E-Electronics and Communication Engineering	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies,
902	Advanced Digital Signal Processing	20EC C102	M.E-Communication Engineering	Home Assignment for Skill development
903	Wireless and Mobile Communication	20EC C104	M.E-Communication Engineering	Home Assignment for Skill development
904	Research Methodology and IPR	20ME C103	M.E-Communication Engineering	Home Assignment for Skill development
905	Global Navigation Satellite Systems	20EC E103	M.E-Communication Engineering	Home Assignment for Skill development
906	Software Defined and Cognitive Radio	20EC E112	M.E-Communication Engineering	Home Assignment for Skill development
907	English for Research Paper Writing	20EG A101	M.E-Communication Engineering	Technical Paper writing skills for Skill development
908	Advanced Digital Signal Processing Lab Lab	20EC C106	M.E-Communication Engineering	Lab Tasks for Skill development
909	Wireless and Mobile Communication Lab	20EC C108	M.E-Communication Engineering	Lab Tasks for Skill development
910	Advanced Communication Networks	20EC C101	M.E-Communication Engineering	Home Assignment for Skill development
911	Antennas and Radiating Systems	20EC C103	M.E-Communication Engineering	Home Assignment for Skill development
912	Signal Intelligence Systems	20EC E111	M.E-Communication Engineering	Home Assignment for Skill development
913	Internet of Things	20EC E106	M.E-Communication Engineering	Home Assignment for Skill development
914	Value Education	20EC A101	M.E-Communication Engineering	Home Assignment for Skill development
915	Advanced Communication Networks lab	20EC C105	M.E-Communication Engineering	Lab Tasks for Skill development
916	Antennas and Radiating Systems Lab	20EC C107	M.E-Communication Engineering	Lab Tasks for Skill development
917	Mini Project with Seminar	20EC C109	M.E-Communication Engineering	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies for Skill
918	MIMO Wireless Communications	20EC E111	M.E-Communication Engineering	Home Assignment for Skill development
919	Business Analytics	20CS O101	M.E-Communication Engineering	Home Assignment for Skill development
920	Industrial Project / Dissertation Phase I	20EC C110	M.E-Communication Engineering	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies,
921	Industrial Project /Dissertation Phase II	20EC C111	M.E-Communication Engineering	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies,
922	Analog and Digital CMOS VLSI Design	20EC C201	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
923	Microcontrollers and Programmable Digital Signal Processors	20EC C203	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
924	Research Methodology and IPR	20ME M103	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
925	Advanced Computer Organization	20EC E201	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
926	VLSI Technology and Physical Design Automation	20EC E213	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
927	English for Research Paper Writing	20EG A101	M.E-Embedded Systems & VLSI Design	Technical Paper writing skills for Skill development
928	Analog and Digital CMOS VLSI Design Lab	20EC C205	M.E-Embedded Systems & VLSI Design	Lab Tasks for Skill development





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
929	Microcontrollers and Programmable Digital Signal Processors Lab	20EC C206	M.E-Embedded Systems & VLSI Design	Lab Tasks for Skill development
930	Embedded System Design using RTOS	20EC C202	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
931	VLSI Design Verification and Testing	20EC C204	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
932	Low Power VLSI Design	20EC E205	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
933	SoC Design	20EC E210	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
934	Value Education	20EC A101	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
935	RTL Simulation and Synthesis with PLDs Lab	20EC C207	M.E-Embedded Systems & VLSI Design	Lab Tasks for Skill development
936	RTOS and VLSI Design Verification Lab	20EC C208	M.E-Embedded Systems & VLSI Design	Lab Tasks for Skill development
937	Mini Project with Seminar	20EC C209	M.E-Embedded Systems & VLSI Design	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies for Skill
938	FPGA & CPLD Architectures	20EC E204	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
939	Business Analytics	20CS O101	M.E-Embedded Systems & VLSI Design	Home Assignment for Skill development
940	#NAME?	20EC C210	M.E-Embedded Systems & VLSI Design	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies,
941	Industrial Project /Dissertation Phase II	20EC C211	M.E-Embedded Systems & VLSI Design	Software/Hardware Implementation of an idea, Seminar Presentation on Emerging Technologies,
942	Management and Organization Behaviour	20MBC101	Master of Bussiness Administration	Employability & Entrepreneurship- Students will be able to gain knowledge on how to manage a business and
943	Managerial Economics	20MBC102	Master of Bussiness Administration	Employability & Entrepreneurship
944	Financial Accounting for Management	20MBC103	Master of Bussiness Administration	Employability & Entrepreneurship: This course will help the students to analyse the financial data of an
945	Marketing Management	20MBC104	Master of Bussiness Administration	Employability & Entrepreneurship
946	Statistics for Management	20MBC105	Master of Bussiness Administration	Employability & Skill Development: It provides a platform and skill to analyze and solve the real time
947	Digital Technology	20MBC106	Master of Bussiness Administration	Skill Development: Provides the understanding of advancements in techonogy issues in various sectors.
948	Business Communication Lab	20MBC107	Master of Bussiness Administration	Employability & Skill development: This course includes the content that focuses on the communication-LSRW
949	Statistics Lab	20MBC108	Master of Bussiness Administration	Employability & Skill development: It gives hands on experience with data analysis by applying statistical
950	Business Environment	20MBO101	Master of Bussiness Administration	Employability & Entrepreneurship
951	Corporate Social Responsibility	20MBO102	Master of Bussiness Administration	Employability & Entrepreneurship: Students become more aware of the products they use and the
952	Business Law and Ethics	20MBO103	Master of Bussiness Administration	Employability & Entrepreneurship
953	Human Resource Management	20MBC201	Master of Bussiness Administration	Employability & Skill development: Taking up this course will help the students to get an idea about the
954	Financial Management	20MBC202	Master of Bussiness Administration	Employability & Entrepreneurship and students will understand the Concept of Finance function and judge
955	Business Research Methods	20MBC203	Master of Bussiness Administration	Employability & Skill development
956	Operations Research	20MBC204	Master of Bussiness Administration	Employability & Entrepreneurship: Students will able to learn from operations research techniques to find the
957	Operations Management	20MBC205	Master of Bussiness Administration	Employability & Entrepreneurship: this course will help the students in undersatnding the way production is
958	Business Analytics	20MBC206	Master of Bussiness Administration	Employability& Entrepreneurship: This course helps students to understand the real world problems faced
959	Logistics and Supply Chain Management	20MBC207	Master of Bussiness Administration	Employability & Entrepreneurship
960	Personality Development and Career Guidance	20MBSD201	Master of Bussiness Administration	Employability & Skill development: the Students will be able to make a SWOT Analysis of themselves and





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961	E-Business	20MBO201	Master of Bussness Administration	Employability & Entrepreneurship
962	Banking Management	20MBO202	Master of Bussness Administration	Employability & Entrepreneurship : This course helps the students to get an adequate exposure to
963	Customer Relationship Management	20MBO203	Master of Bussness Administration	Employability & Skill Development
964	Strategic Management	20MBC301	Master of Bussness Administration	Employability & Skill development: The students can master the Interventions involved in Strategic
965	Investment Management	20MBE301	Master of Bussness Administration	Employability & Entrepreneurship as students can Classify various investment options with risk and return
966	Financial Markets and Services	20MBE302	Master of Bussness Administration	Employability & Entrepreneurship: Student will gain knowlegde to make a SWOT analysis about financial
967	Performance and Compensation Management	20MBE303	Master of Bussness Administration	Employability & Entrepreneurship
968	Business Data Mining	20MBE307	Master of Bussness Administration	Employability & Skill Development - Gain knowledge in core programming basics and developing algorithms
969	Python Programming	20MBE308	Master of Bussness Administration	Skill Development: Gain Knowledge in Python Programming and helps the students in understanding
970	Entrepreneurship Development	20MBC401	Master of Bussness Administration	Entrepreneurship: From this course the students again exposure to all the knowledge required to take
971	Financial Risk Management	20MBE401	Master of Bussness Administration	Employability & Entrepreneurship: Student will gain knowledge how to invest and where to invest in
972	Project Appraisal and Financing	20MBE402	Master of Bussness Administration	Employability & Entrepreneurship : the students get basic knowledge of Project Planning in addition to the
973	Industrial Relations and Labour Laws	20MBE403	Master of Bussness Administration	Employability & Skill development: The Students can update themselves with recent amendments in Labour
974	Services and Retail Marketing	20MBE406	Master of Bussness Administration	Employability & Entrepreneurship-Students learn the concepts of services, relevance, characteristics and the
975	Machine Learning and Artificial Intelligence	20MBE407	Master of Bussness Administration	Employability & Skill Development - This is an advanced course for students who would like to work in any
976	Cloud Computing	20MBE408	Master of Bussness Administration	Skill Development: Provides the necessary skills required to understand the basics of Information
977	E-Commerce Logistics	20MBE409	Master of Bussness Administration	Employability & Entrepreneurship
978	International Logistics	20MBE410	Master of Bussness Administration	Employability & Entrepreneurship
979	Calculus	20MTC05	B.Tech - Chemical Engineering	Skill development-Assignments
980	Chemistry	20CYC01	B.Tech - Chemical Engineering	Skill development-Assignments
981	Engineering Mechanics-I	20CE C01	B.Tech - Chemical Engineering	Skill development-Assignments
982	Programming for Problem Solving	20CS C01	B.Tech - Chemical Engineering	Skill development-Assignments/coding exercises
983	Chemistry Lab	20CYC02	B.Tech - Chemical Engineering	Skill development-Demo Experiments
984	Programming for Problem Solving Lab	20CS C02	B.Tech - Chemical Engineering	Employability/Skill development-Coding exercises
985	Workshop/ Manufacturing Practice	20MEC02	B.Tech - Chemical Engineering	Skill development-Demo Experiments
986	Engineering Exploration	20MEC03	B.Tech - Chemical Engineering	Skill development-Case study/Presentations
987	Vector Calculus and Differential Equations	20MT C06	B.Tech - Chemical Engineering	Skill development-Assignments
988	English	20EG C01	B.Tech - Chemical Engineering	Skill development-Assignments
989	Physics	20PY C07	B.Tech - Chemical Engineering	Skill development-Assignments
990	Basic Electrical Engineering	20EEC01	B.Tech - Chemical Engineering	Skill development-Assignments
991	English lab	20EG C02	B.Tech - Chemical Engineering	Skill development-Demo Experiments
992	Physics Lab	20PY C10	B.Tech - Chemical Engineering	Skill development-Demo Experiments





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
993	Basic Electrical Engineering Lab	20EEEC02	B.Tech - Chemical Engineering	Skill development-Demo Experiments
994	CAD and Drafting	20ME C01	B.Tech - Chemical Engineering	Skill development-Exercises
995	Community Engagement	20MB C02	B.Tech - Chemical Engineering	Skill development-Case study/Presentations
996	Mathematics III( PDE & S)	20MTC08	B.Tech - Chemical Engineering	Skill development-Assignments
997	Basics of Data Structures	20CSC06	B.Tech - Chemical Engineering	Employability/Skill development-Assignment/Coding exercises
998	Chemical Engineering Thermodynamics I	20CHC01	B.Tech - Chemical Engineering	Skill development-Assignments
999	Fluid Mechanics	20CHC02	B.Tech - Chemical Engineering	Skill development-Assignments
1000	Material and Energy Balance Calculations	20CHC03	B.Tech - Chemical Engineering	Skill development-Assignments
1001	Mechanical Unit Operations	20CHC04	B.Tech - Chemical Engineering	Skill development-Assignments
1002	Basics of Data Structures Lab	20CSC07	B.Tech - Chemical Engineering	Skill development-Coding exercises
1003	Fluid Mechanics Lab	20CHC05	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1004	Mechanical Unit Operations Lab	20CHC06	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1005	MOOCs/Training/ Internship	20CHI01	B.Tech - Chemical Engineering	Skill development-Online courses/training in industry
1006	Chemical Reaction Engineering I	20CHC07	B.Tech - Chemical Engineering	Skill development-Assignments
1007	Chemical Technology	20CHC08	B.Tech - Chemical Engineering	Skill development-Assignments
1008	Heat Transfer	20CHC09	B.Tech - Chemical Engineering	Skill development-Assignments
1009	Mass Transfer Operations I	20CHC10	B.Tech - Chemical Engineering	Skill development-Assignments
1010	Indian Constitution & Fundamental Principles	20EGM01	B.Tech - Chemical Engineering	Skill development-Assignments
1011	Indian Traditional Knowledge	20EEM01	B.Tech - Chemical Engineering	Skill development-Assignments
1012	Environmental Science	20CEM01	B.Tech - Chemical Engineering	Skill development-Assignments
1013	Energy Engineering	20CHE01	B.Tech - Chemical Engineering	Skill development-Assignments
1014	Food Processing Technology	20CHE02	B.Tech - Chemical Engineering	Skill development-Assignments
1015	Material Science for Chemical Engineers	20CHE03	B.Tech - Chemical Engineering	Skill development-Assignments
1016	Pulp and Paper Technology	20CHE04	B.Tech - Chemical Engineering	Skill development-Assignments
1017	Chemical Reaction Engineering Lab	20CHC11	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1018	Heat Transfer Lab	20CHC12	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1019	Chemical Reaction Engineering I	18CH C 10	B.Tech - Chemical Engineering	Skill development-Assignments
1020	Mass Transfer I	18CH C 11	B.Tech - Chemical Engineering	Skill development-Assignments
1021	Heat Transfer	18CH C 12	B.Tech - Chemical Engineering	Skill development-Assignments
1022	Particle and Fluid Particle Processing	18CH C 13	B.Tech - Chemical Engineering	Skill development-Assignments
1023	Water Conservation and Management	18CH E 01	B.Tech - Chemical Engineering	Skill development-Assignments
1024	Renewable Energy	18CH E 02	B.Tech - Chemical Engineering	Skill development-Assignments





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
1025	Experimental and Analytical Techniques	18CHE 03	B.Tech - Chemical Engineering	Skill development-Assignments
1026	Polymer Science and Technology	18CHE 04	B.Tech - Chemical Engineering	Skill development-Assignments
1027	Green Technology	18CHE 05	B.Tech - Chemical Engineering	Skill development-Assignments
1028	Catalysis	18CHE 06	B.Tech - Chemical Engineering	Skill development-Assignments
1029	Chemical Engineering Lab IA - MUO	18CH C 14	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1030	Chemical Engineering Lab IB - FM and HT	18CH C 15	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1031	Chemical Reaction Engineering II	18CH C 16	B.Tech - Chemical Engineering	Skill development-Assignments
1032	Mass Transfer II	18CH C 17	B.Tech - Chemical Engineering	Skill development-Assignments
1033	Process Control	18CH C 18	B.Tech - Chemical Engineering	Skill development-Assignments
1034	Fluidization Engineering	18CHE 07	B.Tech - Chemical Engineering	Skill development-Assignments
1035	Petrochemical Technology	18CHE 08	B.Tech - Chemical Engineering	Skill development-Assignments
1036	Biochemical Engineering	18CHE 09	B.Tech - Chemical Engineering	Skill development-Assignments
1037	Sugar Technology	18CHE 10	B.Tech - Chemical Engineering	Skill development-Assignments
1038	Pulp and Paper Technology	18CHE 11	B.Tech - Chemical Engineering	Skill development-Assignments
1039	Food Technology	18CHE 12	B.Tech - Chemical Engineering	Skill development-Assignments
1040	Waste Management	18EE O 05	B.Tech - Chemical Engineering	Skill development-Assignments
1041	Entrepreneurship	18ME O 04	B.Tech - Chemical Engineering	Entrepreneurship-Assignments
1042	Basics Of Artificial Intelligence	18CS O 09	B.Tech - Chemical Engineering	Skill development-Assignments
1043	Nanomaterials and Technology	18ME O 06	B.Tech - Chemical Engineering	Skill development-Assignments
1044	Intellectual Property Rights	18ME O 07	B.Tech - Chemical Engineering	Entrepreneurship-Assignments
1045	Chemical Engineering Lab IIA - CRE	18CH C 19	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1046	Chemical Engineering Lab IIB - MTO and TD	18CH C 20	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1047	Transport Phenomena	18CH C 21	B.Tech - Chemical Engineering	Skill development-Assignments
1048	Process Technology and Economics	18CH C 22	B.Tech - Chemical Engineering	Skill development-Assignments
1049	Process Instrumentation	18CH C 23	B.Tech - Chemical Engineering	Skill development-Assignments
1050	Mineral Processing Technology	18CHE 13	B.Tech - Chemical Engineering	Skill development-Assignments
1051	Corrosion Engineering	18CHE 14	B.Tech - Chemical Engineering	Skill development-Assignments
1052	Scale-up Methods	18CHE 15	B.Tech - Chemical Engineering	Skill development-Assignments
1053	Modern Manufacturing Processes	18ME O 11	B.Tech - Chemical Engineering	Skill development-Assignments
1054	Energy Management Systems	18EE O 02	B.Tech - Chemical Engineering	Skill development-Assignments
1055	Research Methodologies	18ME O 03	B.Tech - Chemical Engineering	Skill development-Assignments
1056	Disaster Mitigation and Management	18CE O 02	B.Tech - Chemical Engineering	Skill development-Assignments



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
1057	Machine Learning using Python	18CS O 10	B.Tech - Chemical Engineering	Skill development-Assignments
1058	Process Instrumentation and Control Lab	18CH C 24	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1059	Process Modeling and Simulation Lab	18CH C 25	B.Tech - Chemical Engineering	Skill development-Demo Experiments
1060	Project: Part I	18CH C 26	B.Tech - Chemical Engineering	Skill development-Presentations
1061	Chemical Process Safety	18CH E 16	B.Tech - Chemical Engineering	Skill development-Assignments
1062	Fertilizer Technology	18CH E 17	B.Tech - Chemical Engineering	Skill development-Assignments
1063	Chemical Process Synthesis	18CH E 18	B.Tech - Chemical Engineering	Skill development-Assignments
1064	Histories of Science and Technology	18PYO 01	B.Tech - Chemical Engineering	Skill development-Assignments
1065	Gender Sensitization	18EG O 02	B.Tech - Chemical Engineering	Skill development-Assignments
1066	Technical writing skills	18EG O 01	B.Tech - Chemical Engineering	Skill development-Assignments
1067	IoT and Applications	18CSO 03	B.Tech - Chemical Engineering	Skill development-Assignments
1068	Basics of Data Science using R	18CSO 04	B.Tech - Chemical Engineering	Skill development-Assignments
1069	Technical Seminar	18CH C 27	B.Tech - Chemical Engineering	Skill development-Presentations
1070	Project Part II	18CH C 28	B.Tech - Chemical Engineering	Skill development-Experiments/Modelling & simulation/Presentations
1071	Partial Differential Equations and Statistics	20MT C08	B.E. Civil Engineering	Skill development
1072	Surveying-I	20CE C03	B.E. Civil Engineering	Skill development
1073	Solid Mechanics	20CE C04	B.E. Civil Engineering	Skill development
1074	Fluid Mechanics	20CE C05	B.E. Civil Engineering	Skill development
1075	Building Construction Practices & Concrete Technology	20CE C06	B.E. Civil Engineering	Skill development
1076	Universal Human Values -II Understanding Harmony	20EG M03	B.E. Civil Engineering	Skill development
1077	Solid Mechanics Lab	20CE C07	B.E. Civil Engineering	Skill development
1078	Fluid Mechanics Lab	20CE C08	B.E. Civil Engineering	Skill development
1079	MOOCs/Training/ Internship	20CE I01	B.E. Civil Engineering	Skill development
1080	Hydraulic Engineering	20CE C09	B.E. Civil Engineering	Employability
1081	Surveying II	20CE C10	B.E. Civil Engineering	Employability
1082	Structural Analysis I	20CE C11	B.E. Civil Engineering	Skill development
1083	Reinforced Concrete Design - I	20CE C12	B.E. Civil Engineering	Skill development
1084	Hydraulic Engineering Lab	20CE C13	B.E. Civil Engineering	Skill development
1085	Surveying & Geomatics Lab	20CE C14	B.E. Civil Engineering	Skill development
1086	Computer Aided Drafting (CAD)	20CE C15	B.E. Civil Engineering	Skill development
1087	Indian Constitution & Fundamental Principles (MC)	20EG M01	B.E. Civil Engineering	Skill development
1088	Indian Traditional Knowledge (MC)	20EE M01	B.E. Civil Engineering	Skill development





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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
1089	Green Building Technologies	20CE E01	B.E. Civil Engineering	Skill development
1090	Principles of Geographical Information systems	20CE E02	B.E. Civil Engineering	Skill development
1091	Solid and Hazardous Waste Management	20CE E03	B.E. Civil Engineering	Skill development
1092	Ground Water Engineering	20CE E04	B.E. Civil Engineering	Skill development
1093	Transportation Engineering	18CE C13	B.E. Civil Engineering	Skill development
1094	Geotechnical Engineering	18CE C14	B.E. Civil Engineering	Skill development
1095	Structural Analysis-II	18CE C15	B.E. Civil Engineering	Skill development
1096	Engineering Economics and Accountancy	18MB C01	B.E. Civil Engineering	Skill development
1097	Transportation Engineering Lab	18CE C16	B.E. Civil Engineering	Skill development
1098	Geotechnical Engineering Lab	18CE C17	B.E. Civil Engineering	Skill development
1099	Auto CAD Lab	18CE C18	B.E. Civil Engineering	Skill development
1100	Prestressed Concrete	18CE E01	B.E. Civil Engineering	Skill development
1101	Green Building Technologies	18CE E02	B.E. Civil Engineering	Employability
1102	Principles of Geographical Information Systems	18CE E03	B.E. Civil Engineering	Skill development
1103	Masonry Structures	18CE E04	B.E. Civil Engineering	Skill development
1104	Solid and Hazardous Waste Management	18CE E05	B.E. Civil Engineering	Employability
1105	Mechanics of Materials	18CE E06	B.E. Civil Engineering	Skill development
1106	Repair and Rehabilitation of Structures	18CE E07	B.E. Civil Engineering	Skill development
1107	Concrete Technology	18CE E08	B.E. Civil Engineering	Skill development
1108	Design of Steel Structures-I	18CE C 19	B.E. Civil Engineering	Skill development
1109	Environmental Engineering	18CE C20	B.E. Civil Engineering	Skill development
1110	Engineering Geology	18CE C21	B.E. Civil Engineering	Employability
1111	Environmental Engineering Lab	18CE C22	B.E. Civil Engineering	Skill development
1112	Engineering Geology lab	18CE C23	B.E. Civil Engineering	Skill development
1113	Advanced Structural Analysis	18CE E09	B.E. Civil Engineering	Skill development
1114	Foundation Engineering	18CE E10	B.E. Civil Engineering	Employability
1115	Water Shed Management	18CE E11	B.E. Civil Engineering	Employability
1116	Urban Transportation Planning	18CE E12	B.E. Civil Engineering	Skill development
1117	Finite Element Methods	18CE E13	B.E. Civil Engineering	Skill development
1118	Reinforced Concrete Design-II	18CE E14	B.E. Civil Engineering	Skill development
1119	Railway Engineering	18CE E15	B.E. Civil Engineering	Skill development
1120	Ground Water	18CE E16	B.E. Civil Engineering	Skill development



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S.No	Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
1121	Fundamentals of DBMS	18CS 006	B.E. Civil Engineering	Skill development
1122	Entrepreneurship	18ME 004	B.E. Civil Engineering	Skill development
1123	Technical Writing Skills	18EG 001	B.E. Civil Engineering	Skill development
1124	Energy Management Systems	18EE 004	B.E. Civil Engineering	Skill development
1125	Construction Engineering and Management	18CE C24	B.E. Civil Engineering	Skill development
1126	Hydrology and Water Resources Engineering	18CE C25	B.E. Civil Engineering	Skill development
1127	Estimation, Specifications and Costing	18CE C26	B.E. Civil Engineering	Skill development
1128	Concrete Technology Lab	18CE C27	B.E. Civil Engineering	Skill development
1129	Computer Applications Lab	18CE C28	B.E. Civil Engineering	Skill development
1130	Project: Part 1	18CE C29	B.E. Civil Engineering	Skill development
1131	Design of Steel Structures-II	18CE E17	B.E. Civil Engineering	Skill development
1132	Airport Engineering	18CE E18	B.E. Civil Engineering	Skill development
1133	River Engineering	18CE E19	B.E. Civil Engineering	Skill development
1134	Water and Air Quality Modelling	18CE E20	B.E. Civil Engineering	Skill development
1135	Intellectual Property Rights	18ME 007	B.E. Civil Engineering	Skill development
1136	Gender Sensitization	18EG 002	B.E. Civil Engineering	Skill development
1137	Basics of Artificial Intelligence	18CS 001	B.E. Civil Engineering	Skill development
1138	Energy Conservation	18EE 004	B.E. Civil Engineering	Skill development
1139	Earthquake Resistant Design of Structures	18CE E21	B.E. Civil Engineering	Skill development
1140	Ground Improvement Techniques	18CE E22	B.E. Civil Engineering	Skill development
1141	Design of Hydraulic Structures/ Irrigation Engineering	18CE E23	B.E. Civil Engineering	Skill development
1142	Rural Water Supply and Onsite Sanitation Systems	18CE E24	B.E. Civil Engineering	Skill development
1143	Nano Materials and Technology	18ME 006	B.E. Civil Engineering	Skill development
1144	Principles of Internet of Things	18IT 003	B.E. Civil Engineering	Skill development
1145	Waste Management	18EE 005	B.E. Civil Engineering	Skill development
1146	Neural Networks and Fuzzy Logic	18EC 008	B.E. Civil Engineering	Skill development
1147	Project: Part 2	18CE C31	B.E. Civil Engineering	Skill development
1148	Structural Dynamics	20CE C101	ME - Structural Engineering	Skill development
1149	Finite Element Method in Structural Engineering	20CE C102	ME - Structural Engineering	Skill development
1150	Advanced Structural Analysis	20CE E102	ME - Structural Engineering	Skill development
1151	Structural Health Monitoring	20CE E104	ME - Structural Engineering	Skill development
1152	Research Methodology and IPR	20ME103	ME - Structural Engineering	Skill development

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1153	English for Research Paper Writing	20EG A101	ME - Structural Engineering	Skill development
1154	Structural Design Lab	20CE C103	ME - Structural Engineering	Skill development
1155	Advanced Concrete Lab	20CE C104	ME - Structural Engineering	Skill development
1156	Design of High Rise Structure	20CE C105	ME - Structural Engineering	Skill development
1157	Advanced Solid Mechanics	20CE C106	ME - Structural Engineering	Skill development
1158	Repair and Retrofitting of Structure	20CE E107	ME - Structural Engineering	Skill development
1159	Design of Advanced Concrete Structure	20CE E109	ME - Structural Engineering	Skill development
1160	Disaster Mitigation and Management	20CE A101	ME - Structural Engineering	Skill development
1161	Modal Testing Lab	20CE C107	ME - Structural Engineering	Skill development
1162	Numerical Analysis Lab	20CE C108	ME - Structural Engineering	Skill development
1163	Mini Project and Seminar	20CE C109	ME - Structural Engineering	Skill development
1164	Design of Bridges	20CEE115	ME - Structural Engineering	Skill development
1165	Business Analytics	20CS O101	ME - Structural Engineering	Skill development
1166	Waste to Energy	20EE O103	ME - Structural Engineering	Skill development

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