

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

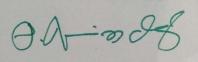
(Autonomous)
Kokapet (Village), Gandipet, Hyderabad, Telangana – 500075
www.cbit.ac.in

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

S.No.	Academic Year	Number of new courses introduced
1	2021-22	465
<mark>2</mark>	2020-21	<mark>676</mark>
3	2019-20	540
4	2018-19	325
5	2017-18	240
	Total	2246

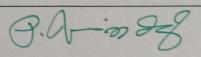
-	CHAITANYA BHAKATHI INSTIT	urses introdu	CHNOLOGY(A), HYDERABAD-500075 ced for the AY:2020-21
S.No	Name of the Course	Course Code	Name of the Programme
1	Calculus	20MTC05	B.E. Mechanical Engineering
2	Chemistry	20CYC01	B.E. Mechanical Engineering
3	Engineering Mechanics-I	20CEC01	B.E. Mechanical Engineering
	Programming for Problem Solving	20CSC01	B.E. Mechanical Engineering
5	Chemistry Lab	20CYC02	B.E. Mechanical Engineering
.6	Programming for Problem Solving Lab	20CSC02	B.E. Mechanical Engineering
7	Workshop / Manufacturing Practice	20MEC02	B.E. Mechanical Engineering
8	Engineering Exploration	20MEC03	B.E. Mechanical Engineering
9	Vector Calculus and Differential Equations	20MTC06	B.E. Mechanical Engineering
10	English	20EGC01	B.E. Mechanical Engineering
11	Mechanics and Materials Science	20PYC05	B.E. Mechanical Engineering
12	Basic Electrical Engineering	20EEC01	B.E. Mechanical Engineering
13	English lab	20EGC02	B.E. Mechanical Engineering
14	Mechanics and Materials Science Lab	20PYC08	B.E. Mechanical Engineering
15	Basic Electrical Engineering Lab	20EEC02	B.E. Mechanical Engineering
16	CAD and Drafting	20MEC01	B.E. Mechanical Engineering
17	Community Engagement	20MBC02	B.E. Mechanical Engineering
18	Dynamics of Machines	18ME C12	B.E. Mechanical Engineering
19	Applied Thermodynamics and Heat Transfer	18ME C13	B.E. Mechanical Engineering
20	Design of Machine Elements	18ME C14	B.E. Mechanical Engineering
21	Metal Cutting and Machine Tool Engineering	18PE C07	B.E. Mechanical Engineering
22	Refrigeration and Air Conditioning	18ME E01	B.E. Mechanical Engineering
23	Values, Ethics and Society	18ME E02	B.E. Mechanical Engineering
24	Plastics, Ceramics and Composite Materials	18PE E01	B.E. Mechanical Engineering
25	Product Design and Process Planning	18PE E02	B.E. Mechanical Engineering
26 1	Mechanical Vibrations	18ME E03	B.E. Mechanical Engineering
27	Automobile Engineering	18ME E04	B.E. Mechanical Engineering
28	Nano Science and Technology	18ME E05	B.E. Mechanical Engineering
29	Rights, Duties and Legislation	18ME E06	B.E. Mechanical Engineering





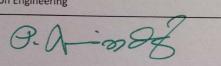
	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21				
S.No	Name of the Course	Course Code	Name of the Programme		
30	Non Destructive Testing and Evaluation	18PE E04	B.E. Mechanical Engineering		
31	Fuels, Combustion and Environment	18ME E07	B.E. Mechanical Engineering		
32	Dynamics and Vibrations Lab	18ME C15	B.E. Mechanical Engineering		
33	Applied Thermodynamics and Heat Transfer Lab	18ME C16	B.E. Mechanical Engineering		
34	Metal Cutting and Machine Tool Engineering Lab	18PE C08	B.E. Mechanical Engineering		
35	CAD/CAM	18ME C17	B.E. Mechanical Engineering		
36	Machine Design	18ME C18	B.E. Mechanical Engineering		
37	Thermal Turbo Machines	18ME C19	B.E. Mechanical Engineering		
38	Object Oriented Programming with C++	18ME E08	B.E. Mechanical Engineering		
39	Mechanics of Composite Materials	18ME E09	B.E. Mechanical Engineering		
40	Robotic Engineering	18ME E10	B.E. Mechanical Engineering		
41	Production and Operations Management	18PE E06	B.E. Mechanical Engineering		
42	Advanced IC Engines	18ME E11	B.E. Mechanical Engineering		
43	Computational Fluid Dynamics	18ME E12	B.E. Mechanical Engineering		
44	Principles of Entrepreneurship	18ME E13	B.E. Mechanical Engineering		
45	Modern Machining and Forming Methods	18PE E08	B.E. Mechanical Engineering		
46	Heat and Mass Transfer	18ME E14	B.E. Mechanical Engineering		
47	Blockchain Technology	18ME E15	B.E. Mechanical Engineering		
48	Renewable Energy Sources	18ME E17	B.E. Mechanical Engineering		
49	Control Systems Theory	18ME E18	B.E. Mechanical Engineering		
50	Artificial Intelligence	18ME E19	B.E. Mechanical Engineering		
51	Industrial Administration and Financial Management	18ME E20	B.E. Mechanical Engineering		
52	Principles and Applications of Additive Manufacturing	18PE E11	B.E. Mechanical Engineering		
	CAD/CAM LAB	18ME C20	B.E. Mechanical Engineering		
54	Thermal Engineering Lab	18ME C21	B.E. Mechanical Engineering		
55	Dynamics of Machines .	18ME C12	B.E. Production Engineering		
56	Applied Thermodynamics and Heat Transfer	18ME C13	B.E. Production Engineering		
57	Design of Machine Elements	18ME C14	B.E. Production Engineering		
58	Metal Forming Technology	18PE C05	B.E. Production Engineering		





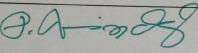


,	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
S.No	Name of the Course	Course Code	Name of the Programme	
59	Refrigeration and Air Conditioning	18ME E01	B.E. Production Engineering	
60	Values, Ethics and Society	18ME E02	B.E. Production Engineering	
61	Plastics, Ceramics and Composite Materials	18PE E01	B.E. Production Engineering	
62	Product Design and Process Planning	18PE E02	B.E. Production Engineering	
63	Powder Processing	18PE E03	B.E. Production Engineering	
64	Automobile Engineering	18ME E04	B.E. Production Engineering	
65	Nano Science and Technology	18ME E05	B.E. Production Engineering	
66	Rights, Duties and Legislation	18ME E06	B.E. Production Engineering	
67	Non Destructive Testing and Evaluation	18PE E04	B.E. Production Engineering	
68	Surface Engineering	18PE E05	B.E. Production Engineering	
69	Dynamics and Vibrations Lab	18ME C15	B.E. Production Engineering	
70	Applied Thermodynamics and Heat Transfer Lab	18ME C16	B.E. Production Engineering	
71	Metal Forming Technology Lab	18PE C06	B.E. Production Engineering	
72	CAD/CAM	18ME C17	B.E. Production Engineering	
73	Machine Design	18ME C18	B.E. Production Engineering	
74	Machine Tool Engineering	18PE C09	B.E. Production Engineering	
75	Object Oriented Programming with C++	18ME E08	B.E. Production Engineering	
76	Mechanics of Composite Materials	18ME E09	B.E. Production Engineering	
77	Robotic Engineering	18ME E10	B.E. Production Engineering	
78	Production and Operations Management	18PE E06	B.E. Production Engineering	
79	Principles of Industrial Engineering	18PE E07	B.E. Production Engineering	
80	Computational Fluid Dynamics	18ME E12	B.E. Production Engineering	
81	Principles of Entrepreneurship	18ME E13	B.E. Production Engineering	
82	Modern Machining and Forming Methods	18PE E08	B.E. Production Engineering	
83	Finite Element Methods	18ME E16	B.E. Production Engineering	
84	Blockchain Technology	18ME E15	B.E. Production Engineering	
85	Renewable Energy Sources	18ME E17	B.E. Production Engineering	
86	Control Systems Theory	18ME E18	B.E. Production Engineering	
87	Artificial Intelligence .	18ME E19	B.E. Production Engineering	



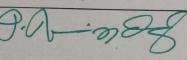
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S.No	Name of the Course	Course Code	Name of the Programme		
88	Industrial Administration and Financial Management	18ME E20	B.E. Production Engineering		
89	Total Quality Management	18PE E10	B.E. Production Engineering		
90	CAD/CAM LAB	18ME C20	B.E. Production Engineering		
91	Machine Tool Engineering Lab	18PE C10	B.E. Production Engineering		
92	Computer Aided Modeling and Design	20MEC 101	M.E. CAD-CAM		
93	Computer Integrated Manufacturing	20MEC 102	M.E. CAD-CAM		
94	Research Methodology and IPR	20MEC 103	M.E. CAD-CAM		
95	Advanced Machine Design	20MEE 101	M.E. CAD-CAM		
96	Advanced Vibrations and Acoustics	20MEE 102	M.E. CAD-CAM		
97	Optimization Techniques	20MEE 103	M.E. CAD-CAM		
98	Automation	20MEE 104	M.E. CAD-CAM		
99	Design for Manufacturing and Assembly	20MEE 105	M.E. CAD-CAM		
100	Industrial Robotics	20MEE 106	M.E. CAD-CAM		
101	Integrated Design and Manufacturing Lab	20MEC 104	M.E. CAD-CAM		
102	Vibrations and Acoustics Lab	20MEC 105	M.E. CAD-CAM		
103	Value Education	20ECA 101	M.E. CAD-CAM		
104	Pedagogy Studies	20ITA 101	M.E. CAD-CAM		
105	Disaster Mitigation and Management	20CEA 101	M.E. CAD-CAM		
106	Sanskrit for Technical Knowledge	20EEA 101	M.E. CAD-CAM		
107	Finite Element Techniques	20MEC 106	M.E. CAD-CAM		
108	Mechanical Design and Analysis	20MEC 107	M.E. CAD-CAM		
109	Computational Fluid Dynamics .	20MEE 206	M.E. CAD-CAM		
110	Mechanics of Composite Materials	20MEE 107	M.E. CAD-CAM		
111	Fracture Mechanics	20MEE 108	M.E. CAD-CAM		
112	Multibody Dynamics	20MEE 109	M.E. CAD-CAM		
113	Tribology in Design	20MEE 110	M.E. CAD-CAM		
114	Failure Analysis and Design	20MEE 111	M.E. CAD-CAM		
115	Computer Aided Engineering Lab	20MEC 108	M.E. CAD-CAM		
116	Computational Fluid Dynamics Lab	20MEC 206	M.E. CAD-CAM		





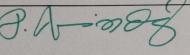
,	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
S.No	Name of the Course	Course Code	Name of the Programme	
117	Mini Project with Seminar	20MEC 109	M.E. CAD-CAM	
118	English for Research Paper Writing	20EGA 101	M.E. CAD-CAM	
119	Indian Constitution and Fundamental Rights	20EGA 102	M.E. CAD-CAM	
120	Stress Management by Yoga	20EGA 103	M.E. CAD-CAM	
121	Personality Development through Life's Enlightenment Skills	20EGA 104	M.E. CAD-CAM	
122	Advanced Finite Element Method	19MEE 112	M.E. CAD-CAM	
123	Product Design and Process Planning	19MEE 113	M.E. CAD-CAM	
124	Theory of Elasticity and Plasticity	19MEE 114	M.E. CAD-CAM	
125	Industrial Safety	19MEO 101	M.E. CAD-CAM	
126	Introduction to Optimization Techniques	19MEO 102	M.E. CAD-CAM	
127	Composite Materials	19MEO 103	M.E. CAD-CAM	
128	Cost Management of Engineering Projects	19CEO 101	M.E. CAD-CAM	
129	Waste to Energy	19EEO 101	M.E. CAD-CAM	
130	Dissertation Phase - I	19MEC 110	M.E. CAD-CAM	
131	DISSERTATION PHASE - II	19MEC 111	M.E. CAD-CAM	
132	Thermodynamics and Combustion	20ME C201	M.E. Thermal Engineering	
133	Advanced Fluid Dynamics	20ME C202	M.E. Thermal Engineering	
134	Research Methodology and IPR	20ME M103	M.E. Thermal Engineering	
135	Thermal and Nuclear Power Plants	20ME E201	M.E. Thermal Engineering	
136	Environmental Engineering and Pollution Control	20ME E202	M.E. Thermal Engineering	
137	Optimization Techniques	20ME E103	M.E. Thermal Engineering	
138	Air Conditioning System Design	20ME E203	M.E. Thermal Engineering	
139	Design of Solar and Wind Systems	20ME E205	M.E. Thermal Engineering	
140	Disaster Mitigation and Management	20CE A101	M.E. Thermal Engineering	
141	English for Research Paper Writing	20EG A101	M.E. Thermal Engineering	
142	Indian Constitution and Fundamental Rights	20EG A102	M.E. Thermal Engineering	
143	Energy Conservation and Management	20ME E204	M.E. Thermal Engineering	
144	Personality Development through Life's Enlightenment Skills	20EG A104	M.E. Thermal Engineering	
145	Thermal Systems Lab	20ME C203	M.E. Thermal Engineering	





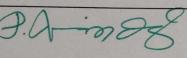
•	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
	Name of the Course	Course Code	Name of the Programme	
146	Design of Solar and Wind Systems Lab	20ME C204	M.E. Thermal Engineering	
147	Finite Element Techniques	20ME C106	M.E. Thermal Engineering	
148	Advanced Heat and Mass Transfer	20ME C205	M.E. Thermal Engineering	
149	Computational Fluid Dynamics	20ME E206	M.E. Thermal Engineering	
150	Refrigeration and Cryogenics	20ME E207	M.E. Thermal Engineering	
151	Design of Heat Exchangers	20ME E208	M.E. Thermal Engineering	
152	Turbo Machines	20ME E209	M.E. Thermal Engineering	
153	Gas Turbines	20ME E210	M.E. Thermal Engineering	
154	Power Plant Control and Instrumentation	20ME E211	M.E. Thermal Engineering	
155	Sanskrit for Technical Knowledge	20EE A101	M.E. Thermal Engineering	
156	Value Education	20EC A101	M.E. Thermal Engineering	
157	Pedagogy Studies	20IT A101	M.E. Thermal Engineering	
158	Stress Management by Yoga	20EG A103	M.E. Thermal Engineering	
159	Computer Aided Engineering Lab	20ME C108	M.E. Thermal Engineering	
160	Computational Fluid Dynamics Lab	20ME C206	M.E. Thermal Engineering	
161	Mini Project with Seminar	20ME C207	M.E. Thermal Engineering	
162	Advances in IC Engines	19MEE 212	M.E. Thermal Engineering	
163	Convective Heat Transfer .	19MEE 213	M.E. Thermal Engineering .	
164	Heat Pipe	19MEE 214	M.E. Thermal Engineering	
165	Cost Management of Engineering Projects	19CEO 101	M.E. Thermal Engineering	
166	Waste to Energy	19EEO 101	M.E. Thermal Engineering	
167	Industrial Safety	19MEO 101	M.E. Thermal Engineering	
168	Introduction to Optimization Techniques	19MEO 102	M.E. Thermal Engineering	
169	Composite Materials	19MEO 103	M.E. Thermal Engineering .	
170	Dissertation Phase - I	19MEC 208	M.E. Thermal Engineering	
171	Dissertation Phase - II	19MEC 209	M.E. Thermal Engineering	
172	Mathematics-I	20MT C21	B.Tech Biotechnology	
173	Basics of Biology-1	20BT C01	B.Tech Biotechnology	
174	English	20 EG C01	B.Tech Biotechnology	





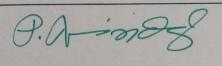
	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
S.No	Cot. Course	Course	Name of the Programme	
175	Physics	20PY C02	B.Tech Biotechnology	
176	Programming for Problem Solving	20CS C01	B.Tech Biotechnology	
177	Physics lab	20PY C04	B.Tech Biotechnology	
178	English lab	20EG C02	B.Tech Biotechnology	
179	Programming for Problem Solving lab	20CS C02	B.Tech Biotechnology	
180	Mathematics –II	20MT C22	B.Tech Biotechnology	
181	Basics Of Biology-II	20BT C02	B.Tech Biotechnology	
182	Process Principles and Reaction Engineering	20BT C03	B.Tech Biotechnology	
183	Basic Electrical Engineering lab	20EE C02	B.Tech Biotechnology	
184	Workshop/Manufacturing Practices	20ME C02	B.Tech Biotechnology	
185	Engineering Exploration	20ME C03	B.Tech Biotechnology	
186	Community Engagement	20MBC02	B.Tech Biotechnology	
187	Fluid Mechanics and Heat Transfer	18BT C15	B.Tech Biotechnology	
188	Enzyme Technology	18BT C16	B.Tech Biotechnology	
189	Genetic Engineering and rDNA Technology	18BT C17	B.Tech Biotechnology	
190	Virology	18BT E01	B.Tech Biotechnology	
191	Phytochemicals and Herbal Products	18BT E02	B.Tech Biotechnology	
192	Introduction to Anatomy and Physiology of Humans	18BT E03	B.Tech Biotechnology	
193	Environmental Biotechnology	18BT E04	B.Tech Biotechnology	
194	Developmental Biology	18BT E05	B.Tech Biotechnology	
195	Metabolic Engineering .	18BT E06	B.Tech Biotechnology	
L96 E	Engineering Economics and Accountancy	18MB C01	B.Tech Biotechnology	
L97 F	Fluid Mechanics and Heat Transfer Lab	18BT C18	B.Tech Biotechnology	
198 E	Enzyme Technology Lab	18BT C19	B.Tech Biotechnology	
199	Genetic Engineering Lab	18BT C20	B.Tech Biotechnology	
200 F	ermentation Technology	18BT C21	B.Tech Biotechnology	
201 E	Bioinformatics	18BT C22	B.Tech Biotechnology	
202	Mass Transfer Operations	18BT C23	B.Tech Biotechnology	
203 1	Medical Biotechnology	18BT E07	B.Tech Biotechnology	





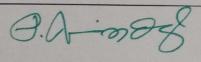
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S.No	Name of the Course	Course Code	Name of the Programme	
204	Food Biotechnology	18BT E08	B.Tech Biotechnology	
205	Bioprocess Dynamics and Control	18BT E09	B.Tech Biotechnology	
206	Artificial Intelligence in Biology	18BT E10	B.Tech Biotechnology	
207	Pharmaceutical Biotechnology	18BT E11	B.Tech Biotechnology	
208	Intellectual Property Rights Regulatory Affairs and Clinical Trials	18BT E12	B.Tech Biotechnology	
209	Nanobiotechnology	18BT E13	B.Tech Biotechnology	
210	Biomedical Instrumentation	18EC 002	B.Tech Biotechnology	
211	Research Methodologies	18ME 003	B.Tech Biotechnology	
212	Fermentation Lab	18BT C24	B.Tech Biotechnology	
213	Bioinformatics Lab	18BT C25	B.Tech Biotechnology	
214	Computer Programming using 'C'	20MCC101	Master of Computer Applications	
215	Computer Organization and Architecture	20MCC102	Master of Computer Applications	
13	Software Engineering	20MCC103	Master of Computer Applications	
217	Mathematical Foundations for Computer Applications	20MCC104	Master of Computer Applications	
	Probability& Statistics	20MTC27	Master of Computer Applications	
219	Computer Programming Lab using 'C'	20MCC105	Master of Computer Applications	
220	Python Programming Lab	20MCC106	Master of Computer Applications	
221	Professional Communication in English Lab	20EG101	Master of Computer Applications	
222	Data Structures and Algorithms	20MCC107	Master of Computer Applications	
223	Artificial Intelligence	20MCC108	Master of Computer Applications	
224	Object Oriented Programming using Java	20MCC109	Master of Computer Applications	
225	Entrepreneurship	20MCE102	Master of Computer Applications	
226	Business Intelligence & Analytics	20MCE103	Master of Computer Applications	
27	Data Structures Lab using C++	20MCC111	Master of Computer Applications	
228	Object Oriented Programming Lab using Java	20MCC112	Master of Computer Applications	
229	Linear Algebra & Calculus	20MT C01	B.EComputer Science and Engineering	
230	English	20EG C01	B.EComputer Science and Engineering	
231	Optics and Semiconductor Physics	20PY C01	B.EComputer Science and Engineering	
232	Programming for Problem Solving	20CS C01	B.EComputer Science and Engineering	





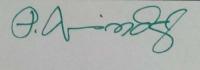
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S.No	Name of the Course	Course Code	Name of the Programme	
233	Linear Algebra & Calculus Lab	20MT C02	B.EComputer Science and Engineering	
234	English lab	20EG C02	B.EComputer Science and Engineering	
235	Optics and Semiconductor Physics Lab	20PY C03	B.EComputer Science and Engineering	
236	Programming for problem Solving Lab	20CS C02	B.EComputer Science and Engineering	
237	CAD AND DRAFTING	20ME C01	B.EComputer Science and Engineering	
238	Community Engagement	20MB C02	B.EComputer Science and Engineering	
239	Differential Equations & Transform Theory	20MT C03	B.EComputer Science and Engineering	
240	Chemistry	20CYC01	B.EComputer Science and Engineering	
241	Industry 4.0	20CS C05	B.EComputer Science and Engineering	
242	Object Oriented Programming	20CS C03	B.EComputer Science and Engineering	
243	Differential Equations & Transform Theory Lab	20MT C04	B.EComputer Science and Engineering	
244	Chemistry Lab	20CYC02	B.EComputer Science and Engineering	
245	Object Oriented Programming Lab	20CSC04	B.EComputer Science and Engineering	
246	Workshop / Manufacturing Practice	20ME C02	B.EComputer Science and Engineering	
247	Engineering Exploration	20ME C03	B.EComputer Science and Engineering	
248	Formal Language and Automata Theory	18CSC17	B.EComputer Science and Engineering	
249	Operating System .	18CSC18	B.EComputer Science and Engineering	
250	Design and Analysis of Algorithms	18CSC19	B.EComputer Science and Engineering	
251	Web and Internet Technologies	18CSE01	B.EComputer Science and Engineering	
252	Mobile Application Development	18CSE04	B.EComputer Science and Engineering	
253	Graph Theory	18MTO 02	B.EComputer Science and Engineering	
254	Number Theory and Cryptography	18MTO 03	B.EComputer Science and Engineering	
255	Decision Theory	18MTO 05	B.EComputer Science and Engineering	
256	Operating System Lab	18CSC20	B.EComputer Science and Engineering	
257	Design and Analysis of Algorithms Lab	18CSC21	B.EComputer Science and Engineering	
258	Mini Project-II	18CSC22	B.EComputer Science and Engineering	
259	Web and Internet Technologies Lab	18CSE05	B.EComputer Science and Engineering	
260	Mobile Application Development Lab	18CSE08	B.EComputer Science and Engineering	
261	Data communication and computer networks	18CSC23	B.EComputer Science and Engineering	





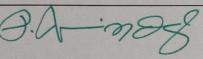
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S.No	Name of the Course	Course Code	Name of the Programme	
262	Software Engineering	18CSC24	B.EComputer Science and Engineering	
263	Artificial Intelligence	18CSC25	B.EComputer Science and Engineering	
264	Engineering economics and accountancy	18MBC01	B.EComputer Science and Engineering	
265	Indian Traditional Knowledge	18EEM01	B.EComputer Science and Engineering	
266	Internet of Things	18CSE09	B.EComputer Science and Engineering	
267	Cloud Computing	18CSE11	B.EComputer Science and Engineering	
268	Soft Computing	18CSE13	B.EComputer Science and Engineering	
269	Network and System Administration	18CSE14	B.EComputer Science and Engineering	
270	Free and Open Source Software	18CSE16	B.EComputer Science and Engineering	
271	DCCN Lab	18CSC26	B.EComputer Science and Engineering	
272	Case Study(AI/SE and PE-II Lab)	18CSC27	B.EComputer Science and Engineering	
273	Programming for Problem Solving	20CS C01	B.ECSE(Artificial Intelligence & Machine Learning)	
274	Programming for problem Solving Lab	20CS C02	B.ECSE(Artificial Intelligence & Machine Learning)	
275	Industry 4.0	20CS C05	B.ECSE(Artificial Intelligence & Machine Learning)	
276	Object Oriented Programming	20CS C03	B.ECSE(Artificial Intelligence & Machine Learning)	
277	Object Oriented Programming Lab	20CSC04	B.ECSE(Artificial Intelligence & Machine Learning)	
278	Basics of Electrical Engineering	20EEC01	B.ECSE(Artificial Intelligence & Machine Learning)	
279	Basic Electronics	20ECC35	B.ECSE(Artificial Intelligence & Machine Learning)	
280	Data Structures	20CSC08	B.ECSE(Artificial Intelligence & Machine Learning)	
281	Discrete Mathematics .	20CSC09	B.ECSE(Artificial Intelligence & Machine Learning)	
282	Digital Logic Design	20CSC10	B.ECSE(Artificial Intelligence & Machine Learning)	
283	Fundamentals of Data Science	20CAC01	B.ECSE(Artificial Intelligence & Machine Learning)	
284	Basics of Electrical Engineering Lab	20EEC02	B.ECSE(Artificial Intelligence & Machine Learning)	
285	Basic Electronics Lab	20ECC36	B.ECSE(Artificial Intelligence & Machine Learning)	
286	Data Structures Lab	20CSC11	B.ECSE(Artificial Intelligence & Machine Learning)	
287	Fundamentals of Data Science Lab	20CAC02	B.ECSE(Artificial Intelligence & Machine Learning)	
288	Mathematical Foundation for Data Science & Security	20MTC13	B.ECSE(Artificial Intelligence & Machine Learning)	
	Computer Architecture and Microprocessor	20CSC13	B.ECSE(Artificial Intelligence & Machine Learning)	
290	Data Base Management Systems	20CSC14	B.ECSE(Artificial Intelligence & Machine Learning)	





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S.No	Name of the Course	Course Code	Name of the Programme	
291	Internet & Web Technologies	20CSC15	B.ECSE(Artificial Intelligence & Machine Learning)	
292	Artificial Intelligence	20CAC03	B.ECSE(Artificial Intelligence & Machine Learning)	
293	Engineering Economics & Accountancy	20MBC01	B.ECSE(Artificial Intelligence & Machine Learning)	
294	Mathematical Foundation for Data Science & Security Lab	20MTC14	B.ECSE(Artificial Intelligence & Machine Learning)	
295	Data Base Management Systems Lab	20CSC17	B.ECSE(Artificial Intelligence & Machine Learning)	
296	Internet & Web Technologies Lab	20CSC18	B.ECSE(Artificial Intelligence & Machine Learning)	
297	Linear Algebra & Calculus	20MT C01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
298	English	20EG C01	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
299	Optics and Semiconductor Physics	20PY C01	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
300	Programming for Problem Solving	20CS C01	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
301	Linear Algebra & Calculus Lab	20MT C02	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
302	English lab	20EG C02	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
303	Optics and Semiconductor Physics Lab	20PY C03	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
304	Programming for problem Solving Lab	20CS C02	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
305	CAD AND DRAFTING	20ME C01	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
306	Community Engagement	20MB C02	B.E-CSE (Internet of Things and Cyber Security including Blockchair Technology)	
307	Differential Equations & Transform Theory	20MT C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
308	Chemistry	20CYC01	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
309	Industry 4.0	20CS C05	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
310	Object Oriented Programming	20CS C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
311	Differential Equations &Transform Theory Lab	20MT C04	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
312	Chemistry Lab	20CYC02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
313	Object Oriented Programming Lab	20CSC04	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
314	Workshop / Manufacturing Practice	20ME C02	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
315	Engineering Exploration	20ME C03	B.E-CSE (Internet of Things and Cyber Security including Blockchain Technology)	
316	Mathematical Foundation of Computer Science	20CSC 101	M.Tech-Computer Science and Engineering	
317	Advanced Data Structures	20CSC 102	M.Tech-Computer Science and Engineering	
318	Research Methodology and IPR	20MEC 103	M.Tech-Computer Science and Engineering	
319	Machine Learning	20CSE101	M.Tech-Computer Science and Engineering	

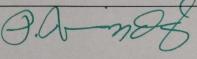






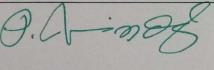
,	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21				
CNO	Name of the Course	Course	Name of the Programme		
S.No		Code			
320	Data Science & Big Data Analytics	20CSE113	M.Tech-Computer Science and Engineering		
321	ENGLISH FOR RESEARCH PAPER WRITING	20EGA101	M.Tech-Computer Science and Engineering		
322	Laboratory 1 (Advanced Data Structures)	20CSC 103	M.Tech-Computer Science and Engineering		
323	Machine Learning Lab	20CSE107	M.Tech-Computer Science and Engineering		
324	Advanced Algorithms	20CSC 104	M.Tech-Computer Science and Engineering		
325	Soft Computing	20CSC105	M.Tech-Computer Science and Engineering		
326	Disaster mitigation and management	20CEA101	M.Tech-Computer Science and Engineering		
327	Value Education	20ECA101	M.Tech-Computer Science and Engineering		
328	Data Preparation and Analysis	20CSE104	M.Tech-Computer Science and Engineering		
329	Human and Computer Interaction	20CSE116	M.Tech-Computer Science and Engineering		
330	Laboratory 3(AA& Soft Computing)	20CSC 106	M.Tech-Computer Science and Engineering		
331	Data Preparation and Analysis Lab	20CSE110	M.Tech-Computer Science and Engineering		
332	Mini Projects with seminar	20CSC 107	M.Tech-Computer Science and Engineering		
333	Linear Algebra & Calculus	20MT C01	B.E Information Technology		
334	English	20EG C01	B.E Information Technology		
335	Optics and Semiconductor Physics	20PY C01	B.E Information Technology		
336	Programming for Problem Solving	20CS C01	B.E Information Technology		
337	inear Algebra & Calculus Lab	20MT C02	B.E Information Technology		
338 E	English lab	20EG C02	B.E Information Technology		
339	Optics and Semiconductor Physics Lab	20PY C03	B.E Information Technology		
340 P	Programming for problem Solving Lab	20CS C02	B.E Information Technology		
841	AD and Drafting	20ME C01	B.E Information Technology		
342	Community Engagement	20MB C02	B.E Information Technology		
343 D	offerential Equations & Transform Theory	20MT C01	B.E Information Technology		
344 C	hemistry	20EG C01	B.E Information Technology		
345 D	Pata Structures and Algorithms	20PY C01	B.E Information Technology		
346	Object Oriented Programming using Python	20CS C01	B.E Information Technology		
347	Differential Equations & Transform Theory Lab	20MT C02	B.E Information Technology		
348	Chemistry Lab	20EG C02	B.E Information Technology		
			A . ()		





,	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21				
S.No	Name of the Course	Course Code	Name of the Programme		
349	Data Structures and Algorithms Lab	20PY C03	B.E Information Technology		
350	Object Oriented Programming using Python Lab	20CS C02	B.E Information Technology		
351	Workshop / Manufacturing Practice	20ME C01	B.E Information Technology		
352	Engineering Exploration	20MB C02	B.E Information Technology		
353	Operating Systems	18IT C15	B.E Information Technology		
354	Theory of Automata	18IT C16	B.E Information Technology		
355	Computer Networks	18IT C17	B.E Information Technology		
356	Software Engineering	18IT C18	B.E Information Technology		
357	Data Warehousing and Data Mining	18IT E01	B.E Information Technology		
358	UNIX and Shell Programming	18IT E04	B.E Information Technology		
359	Predictive Analytics with _R'	18IT E05	B.E Information Technology		
360	Operating Systems and Computer Networks Lab	18IT C19	B.E Information Technology		
361	Software Engineering Lab	18IT C20	B.E Information Technology		
362	Mini Project - III	18IT C21	B.E Information Technology		
363	Artificial Intelligence	18IT C22	B.E Information Technology		
364	Information Security	18IT C23	B.E Information Technology		
365	Social Media Analytics	18IT E09	B.E Information Technology		
366	Mobile Commerce	18IT E12	B.E Information Technology		
367	Data Science with Python	18IT E13	B.E Information Technology		
368	Cyber Security	18IT E16	B.E Information Technology		
369	Engineering Economics and Accountancy	18MB C01	B.E Information Technology		
370	Gender Sensitization	18EG 002	B.E Information Technology		
371	Indian Traditional Knowledge	18EE M01	B.E Information Technology		
372	Artificial Intelligence Lab	18IT C24	B.E Information Technology		
373	Information Security Lab	18IT C25	B.E Information Technology		
374	Mini Project - IV	18IT C26	B.E Information Technology		
375	Linear Algebra & Calculus	20MT C01	B.E Artificial Intelligence and Data Science		
376	English	20EG C01	B.E Artificial Intelligence and Data Science		
377	Optics and Semiconductor Physics	20PY C01	B.E Artificial Intelligence and Data Science		





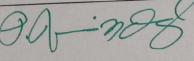
,	CHAITANYA BHAKATHI INSTIT	urses introdu	CHNOLOGY(A), HYDERABAD-500075 ced for the AY:2020-21
S.No	Name of the Course	Course Code	Name of the Programme
378	Programming for Problem Solving	20CS C01	B.E Artificial Intelligence and Data Science
379	Linear Algebra & Calculus Lab	20MT C02	B.E Artificial Intelligence and Data Science
380	English lab	20EG C02	B.E Artificial Intelligence and Data Science
381	Optics and Semiconductor Physics Lab	20PY C03	B.E Artificial Intelligence and Data Science
382	Programming for problem Solving Lab	20CS C02	B.E Artificial Intelligence and Data Science
383	CAD and Drafting	20ME C01	B.E Artificial Intelligence and Data Science
384	Community Engagement	20MB C02	B.E Artificial Intelligence and Data Science
385	Differential Equations & Transform Theory	20MT C03	B.E Artificial Intelligence and Data Science
386	Chemistry	20CY C01	B.E Artificial Intelligence and Data Science
387	Data Structures and Algorithms	20IT C01	B.E Artificial Intelligence and Data Science
388	Object Oriented Programming using Python	20IT C02	B.E Artificial Intelligence and Data Science
389	Differential Equations & Transform Theory Lab .	20MT C04	B.E Artificial Intelligence and Data Science
390	Chemistry Lab	20CYC02	B.E Artificial Intelligence and Data Science
391	Data Structures and Algorithms Lab	20IT C03	B.E Artificial Intelligence and Data Science
392	Object Oriented Programming using Python Lab	20IT C04	B.E Artificial Intelligence and Data Science
393	Workshop / Manufacturing Practice	20ME C02	B.E Artificial Intelligence and Data Science
394	Engineering Exploration	20ME C03	B.E Artificial Intelligence and Data Science
395	Mathematical Foundations of Data Science	20MTC101	M.Tech - Artificial Intelligence and Data Science
396	Artificial Intelligence	20ITC101	M.Tech - Artificial Intelligence and Data Science
397	Social Network Analytics	20ITE105	M.Tech - Artificial Intelligence and Data Science
398	Digital Image Processing and Analysis	20ITE112	M.Tech - Artificial Intelligence and Data Science
399	Research Methodology and IPR	20MEM103	M.Tech - Artificial Intelligence and Data Science
400	English for Research Paper Writing	20EGA101	M.Tech - Artificial Intelligence and Data Science
401	Mathematical Foundations of Data Science Lab	20MTC102	M.Tech - Artificial Intelligence and Data Science
402	Artificial Intelligence Lab	20ITC104	M.Tech - Artificial Intelligence and Data Science
403	Digital Image Processing and Analysis Lab	20ITE122	M.Tech - Artificial Intelligence and Data Science
404	ntroduction to data science	20ITC102	M.Tech - Artificial Intelligence and Data Science
405	Machine Learning	20ITC103	M.Tech - Artificial Intelligence and Data Science
406	Information Retrieval System	20ITE103	M.Tech - Artificial Intelligence and Data Science





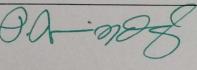
,	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21				
S.No	Name of the Course	Course Code	Name of the Programme		
407	Deep Learning	20ITE119	M.Tech - Artificial Intelligence and Data Science		
408	Value Education	20ECA101	M.Tech - Artificial Intelligence and Data Science		
409	Introduction to data science Lab	20ITC105	M.Tech - Artificial Intelligence and Data Science		
410	Machine Learning Lab	20ITC106	M.Tech - Artificial Intelligence and Data Science		
411	Deep Learning Lab	20ITE129	M.Tech - Artificial Intelligence and Data Science		
112	Mini Project with Seminar	20ITC107	M.Tech - Artificial Intelligence and Data Science		
113	Intrusion Detection (Program Elective-V)	19IT E107	M.Tech - Computer Networks and Information Security		
114	Business Analytics (Open Elective)	19CSO101	M.Tech - Computer Networks and Information Security		
15	Dissertation Phase-I	19IT C107	M.Tech - Computer Networks and Information Security		
116	Project Work and Dissertation	19IT C108	M.Tech - Computer Networks and Information Security		
117	Calculus	20MT C05	B.E. Electrical and Electronics Engineering		
118	Chemistry	20CY C01	B.E. Electrical and Electronics Engineering		
119	Engineering Mechanics-I	20CE C01	B.E. Electrical and Electronics Engineering		
120	Programming for Problem Solving	20CS C01	B.E. Electrical and Electronics Engineering		
121	Chemistry Lab	20CY C02	B.E. Electrical and Electronics Engineering		
122	Programming for Problem Solving Lab	20CS C02	B.E. Electrical and Electronics Engineering		
123	Workshop/ Manufacturing Practice	20ME C02	B.E. Electrical and Electronics Engineering		
124	Engineering Exploration	20ME C03	B.E. Electrical and Electronics Engineering		
125	Vector Calculus and Differential Equations	20MT C06	B.E. Electrical and Electronics Engineering		
126	English	20EG C01	B.E. Electrical and Electronics Engineering		
127	Electromagnetic Theory and Quantum Mechanics	20PY C06	B.E. Electrical and Electronics Engineering		
	Basic Electrical Engineering	20EE C01	B.E. Electrical and Electronics Engineering		
	English lab	20EG C02	B.E. Electrical and Electronics Engineering		
430	Electromagnetic Theory and Quantum Mechanics	20PY C09	B.E. Electrical and Electronics Engineering		
431	Basic Electrical Engineering Lab	20EE C02	B.E. Electrical and Electronics Engineering		
	CAD and Drafting	20ME C01	B.E. Electrical and Electronics Engineering		
433	Community Engagement	20MB C02	B.E. Electrical and Electronics Engineering		
434	Electrical Machines-II	18EEC14	B.E. Electrical and Electronics Engineering		
435	Power Systems-II	18EEC15	B.E. Electrical and Electronics Engineering		





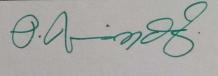
	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21				
,	List of New Co	1	ced for the AY:2020-21		
S.No	Name of the Course	Course Code	Name of the Programme		
436	Power Electronics	18EEC16	B.E. Electrical and Electronics Engineering		
437	Engineering Economics and Accountancy	18MBC01	B.E. Electrical and Electronics Engineering		
438	Wind and Solar Energy	18EEE01	B.E. Electrical and Electronics Engineering		
439	Optimization Techniques	18EEE02	B.E. Electrical and Electronics Engineering		
440	Electrical Engineering Materials	18EEE03	B.E. Electrical and Electronics Engineering		
441	Simulation Techniques in Electrical Engineering	18EEE05	B.E. Electrical and Electronics Engineering		
442	Industrial Electrical Systems	18EEE07	B.E. Electrical and Electronics Engineering		
443	Electrical Machines-II Lab	18EEC17	B.E. Electrical and Electronics Engineering		
444	Power Systems-I Lab	18EEC18	B.E. Electrical and Electronics Engineering		
445	Power Electronics Lab	18EEC19	B.E. Electrical and Electronics Engineering		
446	Control Systems	18EEC20	B.E. Electrical and Electronics Engineering		
447	Microprocessors and Microcontrollers	18EEC21	B.E. Electrical and Electronics Engineering		
448	Power Systems Operation and control	18EEC22	B.E. Electrical and Electronics Engineering		
449	Power Quality	18EEE09	B.E. Electrical and Electronics Engineering		
450	Electrical Distribution Systems	18EEE11	B.E. Electrical and Electronics Engineering		
451	HVDC Transmission Systems	18EEE12	B.E. Electrical and Electronics Engineering		
452 1	AI Techniques In Electrical Engineering	18EEE13	B.E. Electrical and Electronics Engineering		
453	Electric Hybrid Vehicles	18EEE14	B.E. Electrical and Electronics Engineering		
454	Special Electrical Machines	18EEE16	B.E. Electrical and Electronics Engineering		
455 E	Basics of Cyber Security	18CSO 07	B.E. Electrical and Electronics Engineering		
456 H	History of Science and Technology	18 PYO 01	B.E. Electrical and Electronics Engineering		
457	Control Systems Lab	18EEC23	B.E. Electrical and Electronics Engineering		
458 N	Microprocessors Lab	18EEC24	B.E. Electrical and Electronics Engineering		
159 R	Real Time Applications for Power systems	20EEC101	M.E. Power Systems and Power Electronics		
160 P	Power Electronic Converters	20EEC102	M.E. Power Systems and Power Electronics		
161 A	artificial Intelligence Techniques	20EEE108	M.E. Power Systems and Power Electronics		
162 P	lower Quality	20EEE110	M.E. Power Systems and Power Electronics		
463 R	lesearch Methodology and IPR	20MEC103	M.E. Power Systems and Power Electronics		
164 E	inglish for Research Paper Writing	20EGA101	M.E. Power Systems and Power Electronics		





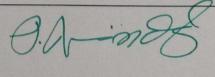
,	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
S.No	Name of the Course	Course Code	Name of the Programme	
465	Power Systems Lab	20EEC103	M.E. Power Systems and Power Electronics	
466	Power Electronics Simulation Lab	20EEC104	M.E. Power Systems and Power Electronics	
467	Power System dynamics	20EEC105	M.E. Power Systems and Power Electronics	
468	Advanced Power Electronic Circuits	20EEC106	M.E. Power Systems and Power Electronics	
469	Renewable Energy System	20EEE107	M.E. Power Systems and Power Electronics	
470	Energy Auditing & Management	20EEE113	M.E. Power Systems and Power Electronics	
471	Disaster Mitigation and Management	20CEA101	M.E. Power Systems and Power Electronics	
472	Power Electronics Lab	20EEC107	M.E. Power Systems and Power Electronics	
473	Power Systems Simulation Lab	20EEC108	M.E. Power Systems and Power Electronics	
474	Mini Project with Seminar	20EEC109	M.E. Power Systems and Power Electronics	
475	Electric and Hybrid Vehicles	19EEE116	M.E. Power Systems and Power Electronics	
476	Introduction to Optimization Techniques	19MEO102	M.E. Power Systems and Power Electronics	
477	Industrial Project/Dissertation Phase I	19EEC110	M.E. Power Systems and Power Electronics	
478	Dissertation Phase II	19EEC111	M.E. Power Systems and Power Electronics	
479	Calculus	20MTC05	B.E-Electronics and Communication Engineering	
480	Chemistry	20CYC01	B.E-Electronics and Communication Engineering	
481	Engineering Mechanics-I	20CEC01	B.E-Electronics and Communication Engineering	
482	Programming for Problem Solving	20CSC01	B.E-Electronics and Communication Engineering	
483	Chemistry Lab	20CYC02	B.E-Electronics and Communication Engineering	
184	Programming for Problem Solving Lab	20CSC02	B.E-Electronics and Communication Engineering	
185	Workshop/ Manufacturing Practice	20MEC02	B.E-Electronics and Communication Engineering .	
186	Engineering Exploration	20MEC03	B.E-Electronics and Communication Engineering	
187	Vector Calculus and Differential Equations	20MTC06	B.E-Electronics and Communication Engineering	
188	English	20EGC01	B.E-Electronics and Communication Engineering	
189	Electromagnetic Theory and Quantum Mechanics	20PYC06	B.E-Electronics and Communication Engineering	
190	Basic Electrical Engineering	20EEC01	B.E-Electronics and Communication Engineering	
191	English lab	20EGC02	B.E-Electronics and Communication Engineering	
192	Electromagnetic Theory and Quantum Mechanics	20PYC09	B.E-Electronics and Communication Engineering	
493	Basic Electrical Engineering Lab	20EEC02	B.E-Electronics and Communication Engineering	





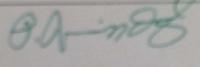
,			CHNOLOGY(A), HYDERABAD-500075 used for the AY:2020-21
S.No	Name of the Course	Course Code	Name of the Programme
494	CAD and Drafting	20MEC01	B.E-Electronics and Communication Engineering
495	Community Engagement	20MBC02	B.E-Electronics and Communication Engineering
496	Computer Architecture and Microprocessors	18ECC15	B.E-Electronics and Communication Engineering
497	Digital Communication	18ECC16	B.E-Electronics and Communication Engineering
498	Linear and Digital Integrated Circuits	18ECC17	B.E-Electronics and Communication Engineering
199	Principles of Management	18MEC09	B.E-Electronics and Communication Engineering
500	Electronic Measurements and Instrumentation	18ECE01	B.E-Electronics and Communication Engineering
501	Optical Communication	18ECE03	B.E-Electronics and Communication Engineering
02	Telecommunications Switching Systems	18ECE04	B.E-Electronics and Communication Engineering
03 F	Fundamentals of Virtual Reality	18CSO05	B.E-Electronics and Communication Engineering
04	Object Oriented Programming Using Java	18ITO01	B.E-Electronics and Communication Engineering
05	Quantum Computing	18MTO04	B.E-Electronics and Communication Engineering
06	Digital Communication Lab	18ECC18	B.E-Electronics and Communication Engineering
07 L	inear and Digital Integrated Circuits Lab	18ECC19	B.E-Electronics and Communication Engineering
08	Digital Signal Processing	18ECC20	B.E-Electronics and Communication Engineering
09 1	Microcontrollers	18ECC21	B.E-Electronics and Communication Engineering
10 N	Microwave and Radar Engineering	18ECC22	B.E-Electronics and Communication Engineering
11 N	Mobile Cellular Communication	18ECE06	B.E-Electronics and Communication Engineering
L2 P	rinciples and Applications of Al	18ECE07	B.E-Electronics and Communication Engineering
L3 C	PLD and FPGA Architectures	18ECE11	B.E-Electronics and Communication Engineering
4 D	ata Analytics for signal processing	18ECE12	B.E-Electronics and Communication Engineering
.5 Sa	atellite Communication	18ECE13	B.E-Electronics and Communication Engineering
.6 Er	ngineering Economics and Accountancy	18MBC01	B.E-Electronics and Communication Engineering
.7 Di	igital Signal Processing Lab	18ECC23	B.E-Electronics and Communication Engineering .
.8 M	licrocontrollers Lab	18ECC24	B.E-Electronics and Communication Engineering
.9 M	licrowave Engineering Lab	18ECC25	B.E-Electronics and Communication Engineering
0 A	dvanced Digital Signal Processing	20EC C102	M.E-Communication Engineering
21 W	/ireless and Mobile Communication	20EC C104	M.E-Communication Engineering
22 R	esearch Methodology and IPR	20ME C103	M.E-Communication Engineering





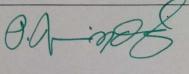
and the last		A Contract of the Contract of	The second secon
.No	Name of the Course	Course Code	Name of the Programme
528	Global Navigation Satellite Systems	206C E329	M.ECommunication Engineering
524	Software Defined and Cognitive Radio	306C E113	M.E-Communication Engineering
525	English for Research Paper Writing	206E-8301	M.E. Communication Engineering
125	Advanced Digital Signal Processing Lak	3060 0386	M.E. Communication Engineering
127	Mireless and Mobile Communication Lab	200C C108	M.E. Communication Engineering
128	Advanced Communication Nationalis	200E C101	W.E. Communication Engineering
129	Antennas and Radiating Springs	200E C103	N.E. Communication Engineering
130)	Signal Intelligence Sociems	2060 0121	W.E. Communication Engineering
33	Internet of Things	2005 5306	W.S. Communication Engineering
	Value Education	3000 4000	W.E. Communication Engineering
133	Advanced Communication fedworks Lab	200EE C1005	W.E. Communication Engineering
134	American and failuting Systems Lak	20000 03007	W.E. Communication Engineering
	Mins Project with Isenman	200E C1090	W.E. Communication Engineering
1.56	hatlet) Window (ammunications	1000 6100	W.5 Communication Engineering
137	East Management of Engineering Projects	1005 (0100)	W.S. Communication Engineering
138	Project work - Project Servinor	1965 C153	W.E.Communication Engineering
	Proper work. Dissertation	1965 CH13	W.E.Communication Engineering
	rending and Digital CNCS II.S Design	300C C303	W.E. Entimetrine Systems & V.S. Design
SKE.	Interconnection and Engineerable Digital Signal	200C C203	W.E. Embedded Systems & V.S. Design
140	Special Statements and PS	30WE W103	W.E. Enthelider Systems & V.S. Sinsign
583	Advanced Companie Digardation	3000 5300	W.E. Embedder Systems & V.S. Design
188	U.S. Sectionships and Property Storage Referention	30000 6203	W.E. Sintoepier Systems & W.S. Design
145	English to Sources Face Writing	2000 K(00)	W.S. Cimbooker Systems & W.S. Steinger
188	trateg and Digital CHES VI.S Swings (46)	3965 CWS	W.E. Smoothed Systems & VLS Steinger
143	Microsophian and Programmatic Digital Signal Processors Lab	2000 0206	No. 2 Sentential Services & W.S. Services
148	Embedded System Design using 870%	385.586	N.E. Embedded Symens & V.S. Design
143 143	U.S Design terrification and Testing	3955 C396	M 5 Simbusided Systems & W.S. Sweige
	Low Power V.S Swige	3962 6305	Set 2 Embeddel Systems & VCS Design
	Seef Design	3882, 5238	al 2 Columbus Systems & V.S Songe





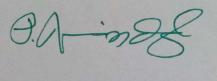
	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
S.No	Name of the Course	Course Code	Name of the Programme	
552	Value Education .	20EC A101	M.E-Embedded Systems & VLSI Design	
553	RTL Simulation and Synthesis with PLDs Lab	20EC C207	M.E-Embedded Systems & VLSI Design	
554	RTOS and VLSI Design Verification Lab	20EC C208	M.E-Embedded Systems & VLSI Design	
555	Mini Project with Seminar	20EC C209	M.E-Embedded Systems & VLSI Design	
556	FPGA & CPLD Architectures	19EC E204	M.E-Embedded Systems & VLSI Design	
557	Cost Management of Engineering Projects	19CE 0101	M.E-Embedded Systems & VLSI Design	
558	Industrial Project /Dissertation Phase I	19EC C210	M.E-Embedded Systems & VLSI Design	
559	Industrial Project /Dissertation Phase II	19EC C211	M.E-Embedded Systems & VLSI Design	
560	Management and Organization Behaviour	20MBC101	Master of Bussiness Administration	
561	Managerial Economics	20MBC102	Master of Bussiness Administration	
562	Financial Accounting for Management	20MBC103	Master of Bussiness Administration	
563	Marketing Management	20MBC104	Master of Bussiness Administration	
564	Statistics for Management	20MBC105	Master of Bussiness Administration	
565	Digital Technology	20MBC106	Master of Bussiness Administration	
566	Business Communication Lab	20MBC107	Master of Bussiness Administration	
567	Statistics Lab	20MBC108	Master of Bussiness Administration	
568	Business Environment	20MBO101	Master of Bussiness Administration	
569	Corporate Social Responsibility	20MBO102	Master of Bussiness Administration	
570	Business Law and Ethics	20MBO103	Master of Bussiness Administration	
571	Human Resource Management	20MBC201	Master of Bussiness Administration	
572	Financial Management	20MBC202	Master of Bussiness Administration	
573 E	Business Research Methods	20MBC203	Master of Bussiness Administration	
574	Operations Research	20MBC204	Master of Bussiness Administration	
575	Operations Management	20MBC205	Master of Bussiness Administration	
576 E	Business Analytics	20MBC206	Master of Bussiness Administration	
577 L	ogistics and Supply Chain Management	20MBC207	Master of Bussiness Administration	
578 F	Personality Development and Career Guidance	20MBSD201	Master of Bussiness Administration	
579	E-Business	20MBO201	Master of Bussiness Administration	
580	Banking Management	20MBO202	Master of Bussiness Administration	





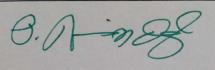
*	LIST OF INCW C	ourses meroda.	ced for the AY:2020-21
S.No	Name of the Course	Course Code	Name of the Programme
581	Customer Relationship Management	20MBO203	Master of Bussiness Administration
582	Calculus	20MTC05	B.Tech - Chemical Engineering
583	Chemistry	20CYC01	B.Tech - Chemical Engineering
584	Engineering Mechanics-I	20CE C01	B.Tech - Chemical Engineering
585	Programming for Problem Solving	20CS C01	B.Tech - Chemical Engineering
\$86	Chemistry Lab	20CYC02	B.Tech - Chemical Engineering
587	Programming for Problem Solving Lab	20CS C02	B.Tech - Chemical Engineering
588	Workshop/ Manufacturing Practice	20MEC02	B.Tech - Chemical Engineering
589	Engineering Exploration	20MEC03	B.Tech - Chemical Engineering
590	Vector Calculus and Differential Equations	20MT C06	B.Tech - Chemical Engineering
591	English	20EG C01	B.Tech - Chemical Engineering
592	Physics	20PY C07	B.Tech - Chemical Engineering
593	Basic Electrical Engineering	20EEC01	B.Tech - Chemical Engineering
594	English lab	20EG C02	B.Tech - Chemical Engineering
595	Physics Lab	20PY C10	B.Tech - Chemical Engineering
596	Basic Electrical Engineering Lab	20EEC02	B.Tech - Chemical Engineering
597	CAD and Drafting	20ME C01	B.Tech - Chemical Engineering
598	Community Engagement	20MB C02	B.Tech - Chemical Engineering
599	Chemical Reaction Engineering I	18CH C 10	B.Tech - Chemical Engineering
500	Mass Transfer I	18CH C 11	B.Tech - Chemical Engineering
501	Heat Transfer	18CH C 12	B.Tech - Chemical Engineering
502	Particle and Fluid Particle Processing	18CH C 13	B.Tech - Chemical Engineering
503	Water Conservation and Management .	18CH E 01	B.Tech - Chemical Engineering
504	Renewable Energy	18CH E 02	B.Tech - Chemical Engineering
505	Experimental and Analytical Techniques	18CH E 03	B.Tech - Chemical Engineering
506	Polymer Science and Technology	18CH E 04	B.Tech - Chemical Engineering
507	Green Technology	18CH E 05	B.Tech - Chemical Engineering
508	Catalysis	18CH E 06	B.Tech - Chemical Engineering
609	Chemical Engineering Lab IA - MUO	18CH C 14	B.Tech - Chemical Engineering





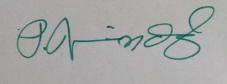
4	List of New Co	ourses introdu	iced for the AY:2020-21
S.No	Name of the Course	Course Code	Name of the Programme
610	Chemical Engineering Lab IB - FM and HT	18CH C 15	B.Tech - Chemical Engineering
611	Chemical Reaction Engineering II	18CH C 16	B.Tech - Chemical Engineering
612	Mass Transfer II	18CH C 17	B.Tech - Chemical Engineering
613	Process Control	18CH C 18	B.Tech - Chemical Engineering
614	Fluidization Engineering	18CH E 07	B.Tech - Chemical Engineering
615	Petrochemical Technology	18CH E 08	B.Tech - Chemical Engineering
516	Biochemical Engineering	18CH E 09	B.Tech - Chemical Engineering
517	Sugar Technology	18CH E 10	B.Tech - Chemical Engineering
518	Pulp and Paper Technology	18CH E 11	B.Tech - Chemical Engineering
519	Food Technology	18CH E 12	B.Tech - Chemical Engineering
20	Waste Management	18EE O 05	B.Tech - Chemical Engineering
21	Enterpreneurship	18ME O 04	B.Tech - Chemical Engineering
22	Basics Of Artificial Intelligence	18CS O 09	B.Tech - Chemical Engineering
23 1	Nanomaterials and Technology	18ME O 06	B.Tech - Chemical Engineering
24	ntellectual Property Rights	18ME O 07	B.Tech - Chemical Engineering
25 (Chemical Engineering Lab IIA - CRE	18CH C 19	B.Tech - Chemical Engineering
26	Chemical Engineering Lab IIB - MTO and TD	18CH C 20	B.Tech - Chemical Engineering
27 T	ransportation Engineering	18CE C13	B.E. Civil Engineering
28	Geotechnical Engineering	18CE C14	B.E. Civil Engineering
29 S	tructural Analysis-II	18CE C15	B.E. Civil Engineering
30 E	ngineering Economics and Accountancy	18MB C01	B.E. Civil Engineering
31 T	ransportation Engineering Lab	18CE C16	B.E. Civil Engineering
32 G	eotechnical Engineering Lab	18CE C17	B.E. Civil Engineering
3 A	uto CAD Lab	18CE C18	B.E. Civil Engineering
4 Pr	restressed Concrete	18CE E01	B.E. Civil Engineering
5 G	reen Building Technologies .	18CE E02	B.E. Civil Engineering
6 Pr	rinciples of Geographical Information Systems	18CE E03	B.E. Civil Engineering
37 M	lasonry Structures	18CE E04	B.E. Civil Engineering
8 Sc	olid and Hazardous Waste Management	18CE E05	B.E. Civil Engineering





639	Name of the Course Mechanics of Materials	Course	Name of the Programme
639		Coue	
640		18CE E06	B.E. Civil Engineering
640	Repair and Rehabilitation of Structures	18CE E07	B.E. Civil Engineering
	Concrete Technology	18CE E08	B.E. Civil Engineering
641	Design of Steel Structures-I	18CE C 19	B.E. Civil Engineering
642	Environmental Engineering	18CE C20	
643	Engineering Geology	18CE C21	B.E. Civil Engineering
644			B.E. Civil Engineering
645	Environmental Engineering Lab	18CE C22	B.E. Civil Engineering
646 E	Engineering Geology lab	18CE C23	B.E. Civil Engineering
647	Advanced Structural Analysis	18CE E09	B.E. Civil Engineering
648 F	Foundation Engineering	18CE E10	B.E. Civil Engineering
649	Water Shed Management	18CE E11	B.E. Civil Engineering
650	Urban Transportation Planning	18CE E12	B.E. Civil Engineering
651 F	Finite Element Methods	18CE E13	B.E. Civil Engineering
652 F	Reinforced Concrete Design-II	18CE E14	B.E. Civil Engineering
653 F	Railway Engineering	18CE E15	B.E. Civil Engineering
654	Ground Water	18CE E16	B.E. Civil Engineering
655 F	Fundamentals of DBMS	18CS 006	B.E. Civil Engineering
656 E	Entrepreneurship	18ME 004	B.E. Civil Engineering
657 T	Fechnical Writing Skills	18EG 001	B.E. Civil Engineering
658 E	Energy Management Systems	18EE 004	B.E. Civil Engineering
659 S	Structural Dynamics	20CE C101	ME - Structural Engineering
660 F	Finite Element Method in Structural Engineering	20CE C102	ME - Structural Engineering
561 A	Advanced Structural Analysis	20CE E104	ME - Structural Engineering
562 S	structural Health Monitoring	20CE E104	ME - Structural Engineering
663 E	English for Research Paper Writing	19EG A101	ME - Structural Engineering
564 S	Structural Design Lab	20CE C103	ME - Structural Engineering
665 A	Advanced Structural Concrete Lab	20CE C104	ME - Structural Engineering
666	Design of High Rise Structures	20CEC105	ME - Structural Engineering
667 A	Advanced Solid mechanics	20CEC106	ME - Structural Engineering





CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075 List of New Courses introduced for the AY:2020-21			
S.No	Name of the Course	Course Code	Name of the Programme
668	Repair and Retrofitting of Structures	20CEC107	ME - Structural Engineering
669	Advanced Foundation Design	20CEE110	ME - Structural Engineering
670	Disaster Mitigation and Management	20CEA101	ME - Structural Engineering
671	Model Testing Lab	20CEC107	ME - Structural Engineering
672	Numerical Analysis Lab	20CEC108	ME - Structural Engineering
673	Mini Project With Seminar	20CEC109	ME - Structural Engineering
674	Design of Prestressed Concrete Structures (DoPCS)	19CE E114	ME - Structural Engineering
675	Waste to Energy(WTE)	19EE O103	ME - Structural Engineering
676	PROJECT PRESENTATION	19CE C110	ME - Structural Engineering



