

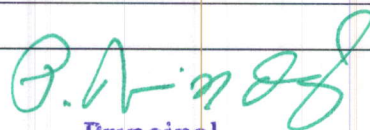
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A), HYDERABAD-500075

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2

AY:2021-2022

S.No	Name of the value added courses (with 30 or more contact hours) offered
1	preplacement training programme
2	Basics of MATLAB
3	preplacement training programme
4	Engg Geology
5	Training on _Technical Writing by LaTeX
6	SWECHA Internship
7	Community engagement
8	Fresh Man Course
9	Indian Constitutional Values
10	Environmental Impact and Monitoring
11	Universal Human Values-II: Understanding Harmony
12	Bio interface Engineering
13	Bioreactor Design and Analysis
14	Conservation economics
15	Emotional Intelligence
16	Forest and their management
17	Human Molecular Genetics
18	Introduction to Environmental Engineering and science
19	Maternal infant young child Nutrition
20	Metabolic Engineering
21	Nanotechnology in Agriculture
22	Biomedical Nanotechnology
23	Patent Law for Engineers
24	Soft Nanotechnology
25	Web Development
26	Fundamentals of computer systems
27	Java(Basics)
28	Digital marketing agency/start a social media business
29	Big data computing
30	Cyber security
31	SQL& MySQL for beginner
32	Innovation,business models and entrepreneurship
33	Technical support fundamentals



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S.No	Name of the value added courses (with 30 or more contact hours) offered
34	Problem solving using computational thinking
35	Getting started in google analytics
36	Artificial intelligence: ethics & societal challenges
37	SQL for data science
38	Getting started with AWS machine learning
39	Game theory
40	Google cloud digital learning
41	Java programming
42	Introduction to C
43	Engineering virtual program
44	Programming with C and C++
45	Internship and job preparation
46	Study webs of active learning for young aspiring minds
47	AI for everyone
48	Advanced python programming
49	Statistics for data science
50	Design and Analysis of Algorithms
51	online privacy
52	Ethical Hacking
53	Introduction to Machine learning
54	Data science for engineers
55	Social Networks
56	Cloud Computing
57	cyber security (work shop)
58	Engineering Mechanics-I
59	Programming for Problem Solving
60	Programming for Problem Solving Lab
61	A hands on practice of House wiring, carpentry and plumbing
62	Engineering Exploration
63	Basics of Data Structures
64	Basics of Data Structures Lab
65	MOOCs/Training/Internship
66	Universal Human Values II: Understanding Harmony
67	Indian Heritage and Culture
68	Fundamentals of Management

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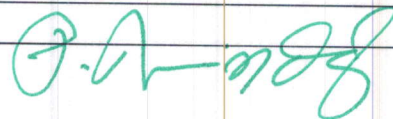
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AY:2021-2022

S.No	Name of the value added courses (with 30 or more contact hours) offered
69	Fundamentals of Virtual Reality
70	Object Oriented Programming Using Java
71	Quantum Computing
72	Engineering Economics and Accountancy
73	
74	A Journey towards Entrepreneurship
75	Fundamentals of DBMS
76	Python Programming
77	Industrial Visit
78	Gender Equality
79	Machine Learning using Python
80	Introduction to Operating Systems
81	Introduction to Internet of Things
82	Introduction to Machine Learning
83	Operating System Fundamentals
84	Cloud Computing
85	Python for Data Science
86	Software Testing
87	Data Science for Engineers
88	Introduction to Soft Computing
89	Discrete Mathematics
90	Introduction to Database Systems
91	Introduction to Industry 4.0 and Industrial Internet of Things
92	The Joy of Computing using Python
93	A basic course on research
94	Writing Research Papers
95	Business Analytics
96	Supply Chain Analytics
97	TALENT ACQUISITION AND MANAGEMENT
98	Python for Data Science
99	Data Analytics with Python
100	Ethics and Society
101	Communication Skills Lab
102	Engineering Geology
103	Communicative English
104	Basic Data Structures



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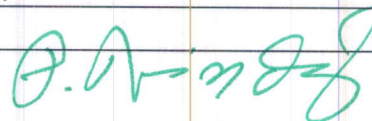
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AY:2021-2022

S.No	Name of the value added courses (with 30 or more contact hours) offered
105	Basic Data Structures Lab
106	Engineering Economics and Accountant
107	Basics of Cyber Security (BCS)
108	Technical Presentation
109	Basics of Data Science using R
110	Disaster Mitigation and Management (DMM)
111	Introduction to Pythons
112	Overview of Artificial intelligence
113	Introduction Internet of things
114	Foundamentals of Blackchain using Python
115	Basics of Machine l
116	Introduction to Personolity Devolopment
117	Introduction to Hybrid Electric Veichle Technology
118	Overview of Solar Whater Heater
119	Principles of Python
120	Art of Learning AURDUINO
121	A-Z of Machine learning
122	C Programming Madeeasy
123	Principles of Java & Python
124	Overview of C & C++
125	Work System Design
126	Solar Energy Engineering And Technology
127	Mathematical Modelling Of Manufacturing Process
128	Manufacturing Strategy
129	Dealing With Materials Data _ Collection, Analysis And Interpretation
130	Energy Conservation And Waste Heat Recovery
131	Computer Architecture And Organization
132	System Design For Sustainability
133	Software Testing
134	Understanding Design
135	The Joy Of Computing Using Python
136	Introduction To Database Systems
137	An Introduction To Programming Through C++
138	Design Thinking - A Primer
139	Programming for Everybody (Getting started with Python)
140	Ansys-Internshala



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S.No	Name of the value added courses (with 30 or more contact hours) offered
141	Advanced Solidworks-Internshala
142	Biomechanics of Joints and Orthopaedic Implants
143	Design Technology and Innovation
144	Innovation Business models & Entrepreneurship
145	Introduction and Prgramming with IoT Boards
146	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360
147	Introduction to Operating Systems
148	Mechanics and Control of Robotic Manipulators
149	Programming with Python
150	Programming, Data Structures and Algorithms Using Python
151	C++ Basics: Selection and Iteration
152	Toyota Production System
153	Basics of Matlab for Chemical Engineers
154	Introduction to Polymer Science
155	Aspen Plus® simulation software - a basic course for beginners
156	Professional Etiquette
157	Soft Nano Technology
158	Physical and Electrochemical Characterizations in Chemical Engineering
159	Waste to Energy Conversion
160	Basics Of Artificial Intelligence
161	Waste Management
162	Application Development using Microservices and Serverless
163	Apply Generative Adversarial Networks (GANs)
164	Artificial Intelligence Ethics in Action
165	Competitive Programming for Beginners (Moscow Institute of physics and technology)
166	Design Patterns
167	Ethics of Artificial Intelligence
168	Full Stack Cloud Development Capstone Project
169	Game Design and Development 1: 2D Shooter (Michigan State University)
170	Getting Started with Competitive Programming
171	In order of preference: Algorithmic Puzzles, Algorithms Implemented, DataStructures and Competitive Programming
172	Introduction to Data Engineering (IBM)
173	Introduction to Industry 4.0 and Industrial Internet of Things
174	Introduction to Machine Learning
175	Introduction to Quantum Computing: Quantum Algorithms and Qiskit
176	Social Networks
177	Startups in Open Innovation (Saint Petersburg state university)



G. Anil
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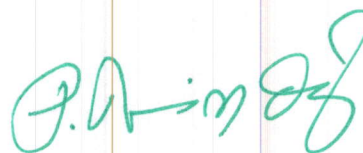
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S.No	Name of the value added courses (with 30 or more contact hours) offered
178	Agile Software Development
179	AI: Knowledge, Representation and reasoning
180	An introduction to Artificial Intelligence
181	Capstone Project in Coursera
182	Cloud computing and Distributed Systems
183	Computer Architecture Systems/Computer Architecture and Organization
184	Computer vision and image processing- Fundamentals and applications
185	Database Management System
186	Deep Learning
187	Front End Web UI Frameworks & Tools: BootStrap4
188	High Performance and parallel computing
189	Introduction to Internet of Things
190	Introduction to machine learning
191	Introduction to Operating systems
192	Introduction to programming in C++
193	Operating Systems Fundamentals
194	Programming Foundation with JavaScript HTML & CSS
195	Programming in Java
196	Software Defined Networking
197	Introduction to Database Systems
198	Social Psychology
199	Professional Etiquette



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