

Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 7th November 2022)	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	Yes
Institute has Action Plans for Implementation of the I&E Policy	No

Contact:

Faculty Name:	Dr.J.Krishna Chaitanya
Designation:	Associate Professor
Email ID:	deanrnd@vardhaman.org
Mobile No.	6300277115

1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	1,2
IIC 2.0 (2019-20)	3
IIC 3.0 (2020-21)	4
IIC 4.0 (2021-22)	4

Contact:

IIC President of the Institute:	Dr. M. A. Jabbar
Designation:	Professor
Email ID:	akhiljabbar.meerja@vardhaman.org
Mobile No.	9912648686

1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
1	Dr. M A Jabbar	Advance	15
2	Mr. Sai Venkata Satya Kedar Illa	Advance	30
3	Mr. Manish K Srivastava	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
4	Dr. S. Venu Gopal	Advance	5
5	Dr. K Murugaperumal	Advance	5
6	Mr. Prajwal Y Maredukonda	Advance	6
7	Dr JVR Ravindra	Advance	15
8	Dr. J. Krishna Chaithanya	Advance	15
9	P. Swetha	Basic	4
10	Ms. Koti Tejasvi	Basic	4
11	Dr.G.Krishna Kumari	Basic	4
12	Ms. C. Padmini	Basic	4
13	Mr.Mohammad Bilal J	Basic	4
14	Mr.N Praveen Kumar	Basic	0
15	Mr. B Dhan Raj	Advance	4
16	Mr. Manikanta Vangiri	Basic	0
17	Dr B Praveen Kumar	Basic	4
18	Mr. Manikanta Vangari	Basic	4

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-19650	Yes
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HEI Participated in the Smart India Hackathon (2022)

C-19650

Yes

Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
1	Advanced Data Structures	A5504	2020-21	Core Course	Bachelor	Computer Science and Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
2	Basics of IoT and Robotics	A5510	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	70	Offline
3	Artificial Intelligence	A4552	2020-21	Core Course	Bachelor	Computer Science and Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
4	Information Security	A4605	2020-21	Elective Course	Bachelor	Information Technology	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	48	Blended Mo

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
5	Fuzzy Logic and Neural Networks	A4551	2020-21	Elective Course	Bachelor	Computer Science and Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	48	Blended Mo
6	Robotic Process Automation Design and Development	A4553	2020-21	Elective Course	Bachelor	Computer Science and Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	48	Offline
7	Routing and Switching Networks	A4554	2020-21	Elective Course	Bachelor	Computer Science and Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	48	Offline
8	Numerical Techniques	A4031	2020-21	Elective Course	Bachelor	Humanities and Science	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	48	Offline
9	Fundamentals of IoT	A4431	2020-21	Elective Course	Bachelor	Electronics and Communication Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	48	Offline
10	Open Source Technologies	A3604	2020-21	Core Course	,Bachelor	Information Technology	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	64	Blended Mo
11	Cloud Computing	A3525	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	64	Blended Mo

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
12	Mobile Application Development	A3611	2020-21	Core Course	,Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	64	Blended Mo
13	Management Sciences	A3014	2020-21	Core Course	,Bachelor	Humanities and Science	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	48	Blended Mo
14	Web Technologies	A4602	2020-21	Core Course	,Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
15	Data Analytics using R	A4519	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	21-07-2021 00:00:00	20-11-2021 00:00:00	123	96	Offline
16	Agile Project Management	A4520	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	48	Offline
17	Management Science	A4026	2021-22	Core Course	Bachelor	Humanities and Science	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
18	Digital Forensics	A4659	2021-22	Elective Course	Bachelor	Information Technology	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
19	Block Chain Technology	A4657	2021-22	Elective Course	Bachelor	Information Technology	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
20	Fundamentals of Cyber Security	A4633	2021-22	Elective Course	Bachelor	Information Technology	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
21	Fundamentals of Robotics	A4333	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
22	Distributed Operating Systems	A4655	2021-22	Elective Course	Bachelor	Information Technology	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
23	Machine Learning with Python	A5512	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	27-07-2021 00:00:00	20-11-2021 00:00:00	117	70	Offline
24	Software Engineering	A5605	2021-22	Core Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	20-11-2021 00:00:00	117	70	Offline
25	Web Technologies	A5603	2021-22	Core Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	20-11-2021 00:00:00	117	70	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
26	Mobile Application Development	A5606	2021-22	Core Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	20-11-2021 00:00:00	117	70	Offline
27	Network Security and Cryptography	A5551	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
28	Fuzzy Logic and Neural Networks	A5552	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
29	Big Data Analytics	A5514	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	27-12-2021 00:00:00	29-04-2022 00:00:00	124	70	Offline
30	Foundations of Deep Learning	A5515	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	27-12-2021 00:00:00	29-04-2022 00:00:00	124	70	Offline
31	Cloud Computing and Virtualization	A5516	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	27-12-2021 00:00:00	29-04-2022 00:00:00	124	70	Offline
32	Robotic Process Automation Design and Development	A5553	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
33	Routing and Switching Networks	A5554	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
34	Compiler Design	A5555	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
35	Fundamentals of Cyber Security	A5633	2021-22	Elective Course	Bachelor	Information Technology	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
36	Discrete Mathematical Structures	A6503	2021-22	Core Course	Bachelor	Computer Science and Engineering	3	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Offline
37	Fundamentals of IoT and Robotics	A6504	2021-22	Core Course	Bachelor	Computer Science and Engineering	4	01-11-2021 00:00:00	07-03-2022 00:00:00	127	70	Offline
38	Advanced Data Structures	B4202	2020-21	Core Course	Master	Computer Science and Engineering	2	08-01-2021 00:00:00	17-04-2021 00:00:00	100	42	Online
39	Research Methodology and Intellectual Property Rights	B4905	2020-21	Core Course	Master	Humanities and Science	2	08-01-2021 00:00:00	17-04-2021 00:00:00	100	28	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
40	Advanced Data Structures Laboratory	B4204	2020-21	Core Course	Master	Computer Science and Engineering	2	08-01-2021 00:00:00	17-04-2021 00:00:00	100	56	Offline
41	Advanced Algorithms	B4205	2020-21	Core Course	Master	Computer Science and Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline
42	Cloud Computing	B4206	2020-21	Core Course	Master	Computer Science and Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline
43	Advanced Algorithms Laboratory	B4207	2020-21	Core Course	Master	Computer Science and Engineering	2	19-05-2021 00:00:00	28-08-2021 00:00:00	102	56	Offline
44	Cloud Computing Laboratory	B4208	2020-21	Core Course	Master	Computer Science and Engineering	2	19-05-2021 00:00:00	28-08-2021 00:00:00	102	56	Offline
45	Machine Learning	B4261	2020-21	Elective Course	Master	Computer Science and Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline
46	Cloud Computing and Virtualization	B5501	2021-22	Core Course	Master	Computer Science and Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Blended Mo

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
47	Advanced Data Structures	B5502	2021-22	Core Course	Master	Computer Science and Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
48	Cloud Computing and Virtualization Laboratory	B5503	2021-22	Core Course	Master	Computer Science and Engineering	2	13-12-2021 00:00:00	09-04-2022 00:00:00	118	56	Offline
49	Advanced Data Structures Laboratory	B5504	2021-22	Core Course	Master	Computer Science and Engineering	2	13-12-2021 00:00:00	09-04-2022 00:00:00	118	56	Offline
50	Research Methodology and IPR	B5001	2021-22	Core Course	Master	Humanities and Science	2	13-12-2021 00:00:00	09-04-2022 00:00:00	118	28	Offline
51	Design of Machine Elements	A4315	2020-21	Core Course	Bachelor	Mechanical Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	56	Online
52	Applied Thermodynamics	A4316	2020-21	Core Course	Bachelor	Mechanical Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	56	Online
53	Automobile Engineering	A4352	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	43	Online

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
54	Machine Design	A4318	2020-21	Core Course	Bachelor	Mechanical Engineering	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	56	Online
55	CAD CAM	A4320	2020-21	Core Course	Bachelor	Mechanical Engineering	5	15-02-2021 00:00:00	29-05-2021 00:00:00	104	70	Online
56	Composite Materials	A4354	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Online
57	Tribology	A4356	2020-21	Elective Course	Bachelor	Mechanical Engineering	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Online
58	Finite Element Methods	A3329	2020-21	Core Course	Bachelor	Mechanical Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Online
59	Computer Aided Design and Manufacturing	A3334	2020-21	Core Course	Bachelor	Mechanical Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Online
60	Entrepreneurship Development	A3076	2020-21	Elective Course	Bachelor	Freshman Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Online

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
61	NDT Techniques	A3361	2020-21	Elective Course	Bachelor	Mechanical Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Online
62	Entrpreneurship Development	C4018	2020-21	Core Course	Master	MBA	4	24-08-2020 00:00:00	06-01-2021 00:00:00	136	60	Offline
63	Robotics	A3365	2020-21	Elective Course	Bachelor	Mechanical Engineering	1	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Online
64	Securities Analysis and Portfolio Management	C4023	2020-21	Elective Course	Master	MBA	4	24-08-2020 00:00:00	06-01-2021 00:00:00	136	60	Offline
65	Financial Institutions Markets and Services	C4024	2020-21	Elective Course	Master	MBA	4	24-08-2020 00:00:00	06-01-2021 00:00:00	136	60	Offline
66	Compensation and Reward Management	C4026	2020-21	Elective Course	Master	MBA	4	24-08-2020 00:00:00	06-01-2021 00:00:00	136	60	Offline
67	Peformance Management	C4027	2020-21	Elective Course	Master	MBA	4	24-08-2020 00:00:00	06-01-2021 00:00:00	136	60	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
68	Industrial Relations	C4028	2020-21	Elective Course	Master	MBA	4	24-08-2020 00:00:00	06-01-2021 00:00:00	136	60	Offline
69	Logistics and Supply Chain Mangement	C4036	2020-21	Elective Course	Master	MBA	4	08-02-2021 00:00:00	22-05-2021 00:00:00	104	60	Offline
70	Risk Management and Derivatives	C4040	2020-21	Elective Course	Master	MBA	4	08-02-2021 00:00:00	22-05-2021 00:00:00	104	60	Offline
71	International Financial Management	C4041	2020-21	Elective Course	Master	MBA	4	08-02-2021 00:00:00	22-05-2021 00:00:00	104	60	Offline
72	Organisation Development	C4044	2021-22	Elective Course	Master	MBA	4	08-02-2021 00:00:00	22-05-2021 00:00:00	104	60	Offline
73	Computer Aided Design and Manufacturing Lab	A3335	2020-21	Core Course	Bachelor	Mechanical Engineering	2	24-08-2020 00:00:00	12-01-2021 00:00:00	142	14	Online
74	Production Drawing Practice and Instrumentation lab	A3336	2020-21	Core Course	Bachelor	Mechanical Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	14	Online

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75	Refrigeration and Air Conditioning	A3337	2020-21	Core Course	Bachelor	Mechanical Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Online
76	Solar Energy and Applications	A3278	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Online
77	Mechanical Measurements and Instrumentation	A3378	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Online
78	Mechatronics	A3370	2020-21	Elective Course	Bachelor	Mechanical Engineering	1	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Online
79	Design of Machine Elements	A5311	2021-22	Core Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	56	Offline
80	Applied Thermodynamics	A5313	2021-22	Core Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	56	Offline
81	Automobile Engineering	A5352	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline

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82	Operations Research	A5354	2021-22	Elective Course	Bachelor	Mechanical Engineering	2	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
83	Machine Design	A5316	2021-22	Core Course	Bachelor	Mechanical Engineering	2	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
84	CAD CAM	A5318	2021-22	Core Course	Bachelor	Mechanical Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	56	Offline
85	Numerical Simulation laboratory	A5319	2021-22	Core Course	Bachelor	Mechanical Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	28	Offline
86	Project Planning and Management	A5131	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
87	Energy Conservation and Renewable Energy Resources	A5358	2021-22	Elective Course	Bachelor	Mechanical Engineering	2	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
88	Finite Element Methods	A4322	2021-22	Core Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	56	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
89	Robotics	A4323	2021-22	Core Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
90	Logistics and Supply Chain Management	A4036	2021-22	Elective Course	Bachelor	Freshman Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
91	Operation Research	A4532	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
92	Automation in Manufacturing	A4357	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
93	Power Plant Engineering	A4358	2021-22	Elective Course	Bachelor	Mechanical Engineering	2	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Offline
94	Management Science	A4026	2021-22	Core Course	Bachelor	Freshman Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
95	Entrepreneurship Development	A4034	2021-22	Elective Course	Bachelor	Freshman Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
96	Disaster Management	A4133	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
97	Total Quality Management	A4360	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
98	Advanced Mechanics of Solids	B4701	2020-21	Core Course	Master	Mechanical Engineering	3	08-01-2021 00:00:00	17-05-2021 00:00:00	130	42	Offline
99	Analysis and synthesis of Mechanisms	B4702	2020-21	Core Course	Master	Mechanical Engineering	3	08-01-2021 00:00:00	17-05-2021 00:00:00	130	42	Offline
100	Advanced Computer Aided Modeling Lab	B4703	2020-21	Core Course	Master	Mechanical Engineering	3	08-01-2021 00:00:00	17-05-2021 00:00:00	130	28	Offline
101	Kinematics and Dynamics Lab	B4704	2020-21	Core Course	Master	Mechanical Engineering	2	08-01-2021 00:00:00	17-05-2021 00:00:00	130	28	Offline
102	Research Methodology and IPR	B4905	2020-21	Core Course	Master	Mechanical Engineering	2	08-01-2021 00:00:00	17-05-2021 00:00:00	130	28	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
103	Finite Element Analysis	B4705	2020-21	Core Course	Master	Mechanical Engineering	3	19-05-2021 00:00:00	25-09-2021 00:00:00	130	42	Offline
104	Computer Aided Design	B4706	2020-21	Core Course	Master	Mechanical Engineering	3	19-05-2021 00:00:00	25-09-2021 00:00:00	130	42	Offline
105	Numerical Methods and Analysis Lab	B4707	2020-21	Core Course	Master	Mechanical Engineering	2	19-05-2021 00:00:00	25-09-2021 00:00:00	130	28	Offline
106	Advanced Design Lab	B4708	2020-21	Core Course	Master	Mechanical Engineering	2	19-05-2021 00:00:00	25-09-2021 00:00:00	130	28	Offline
107	Advanced Mechanics of Solids	B5701	2021-22	Core Course	Master	Mechanical Engineering	3	13-12-2021 00:00:00	01-05-2022 00:00:00	140	42	Offline
108	Geometric Modeling Laboratory	B5703	2021-22	Core Course	Master	Mechanical Engineering	2	13-12-2021 00:00:00	01-05-2022 00:00:00	140	28	Offline
109	Machine Dynamics and Analysis Laboratory	B5704	2021-22	Core Course	Master	Mechanical Engineering	2	13-12-2021 00:00:00	01-05-2022 00:00:00	140	28	Offline

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110	Banking and Insurance	C4042	2020-21	Core Course	Master	MBA	4	08-02-2021 00:00:00	22-05-2021 00:00:00	104	60	Offline
111	Accounting for Managers	C4004	2021-22	Core Course	Master	MBA	4	08-01-2021 00:00:00	17-04-2021 00:00:00	100	60	Offline
112	Marketing Management	C4010	2021-22	Core Course	Master	MBA	4	26-04-2021 00:00:00	24-09-2021 00:00:00	152	60	Offline
113	Business Research Methods	C4014	2021-22	Core Course	Master	MBA	4	26-04-2021 00:00:00	24-09-2021 00:00:00	152	60	Offline
114	Industry Analysis and Report Presentation	C4016	2021-22	Elective Course	Master	MBA	1	26-04-2021 00:00:00	24-09-2021 00:00:00	152	60	Offline
115	Securities Analysis and Portfolio Management	C4023	2021-22	Elective Course	Master	MBA	4	01-11-2021 00:00:00	28-02-2022 00:00:00	120	60	Offline
116	Financial Institutions Markets and Services	C4024	2021-22	Elective Course	Master	MBA	4	01-11-2021 00:00:00	28-02-2022 00:00:00	120	60	Offline

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117	Summer Internship	C4035	2021-22	Core Course	Master	MBA	2	01-11-2021 00:00:00	28-02-2022 00:00:00	120	60	Offline
118	Compensation and Reward Management	C4026	2021-22	Elective Course	Master	MBA	4	01-11-2021 00:00:00	28-02-2022 00:00:00	120	60	Offline
119	Peformance Management	C4027	2021-22	Elective Course	Master	MBA	4	01-11-2021 00:00:00	28-02-2022 00:00:00	120	60	Offline
120	Industrial Relations	C4028	2021-22	Elective Course	Master	MBA	4	01-11-2021 00:00:00	28-02-2022 00:00:00	120	60	Offline
121	Disaster Management	A4133	2020-21	Core Course	Bachelor	Civil Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
122	Project Planning and Management	A5131	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
123	Air Pollution and Control	A5132	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline

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124	Disaster Management	A5133	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
125	Building Materials Planning and Drawing	A6103	2021-22	Core Course	Bachelor	Civil Engineering	3	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Blended Mo
126	Surveying	A6104	2021-22	Core Course	Bachelor	Civil Engineering	3	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Blended Mo
127	Estimation and costing	A5113	2021-22	Core Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
128	Green building and sustainability	A5157	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
129	Construction management	A5153	2021-22	Elective Course	Bachelor	Civil Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
130	Building Materials Planning and Drawing	A5101	2020-21	Core Course	Bachelor	Civil Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline

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131	Surveying	A5104	2020-21	Core Course	Bachelor	Civil Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
132	Concrete technology	A5106	2020-21	Core Course	Bachelor	Civil Engineering	3	15-01-2021 00:00:00	29-05-2021 00:00:00	135	42	Offline
133	Repair and Rehabilitation of Structures	A4106	2021-22	Elective Course	Bachelor	Civil Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
134	Disaster Management	B4912	2020-21	Elective Course	Master	Structural Engineering	1	08-01-2021 00:00:00	17-04-2021 00:00:00	100	14	Offline
135	Disaster Management	B5901	2021-22	Elective Course	Master	Structural Engineering	1	13-12-2021 00:00:00	09-04-2022 00:00:00	118	14	Offline
136	Advanced concrete technology	B5851	2021-22	Elective Course	Master	Structural Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
137	Repair and Rehabilitation of Structures	B5856	2021-22	Elective Course	Master	Structural Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline

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138	Problem Solving with Python	A6501	2020-21	Core Course	Bachelor	Information Technology	3	02-12-2020 00:00:00	20-03-2021 00:00:00	109	42	Offline
139	Data Structures	A6502	2020-21	Core Course	Bachelor	Information Technology	4	08-04-2021 00:00:00	25-09-2021 00:00:00	171	42	Offline
140	MANAGERIAL ECONOMICS AND FINANACIAL ANALYSIS	A5015	2020-21	Core Course	Bachelor	Information Technology	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
141	DATABASE MANAGEMENT SYSTEMS	A5506	2020-21	Core Course	Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
142	OBJECT ORIENTED PROGRAMMING	A5601	2021-22	Core Course	Bachelor	Information Technology	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
143	BASICS OF IOT AND ROBOTICS	A5510	2020-21	Core Course	Bachelor	Information Technology	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
144	OPERATING SYSTEMS	A5507	2020-21	Core Course	Bachelor	Information Technology	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline

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145	SOFTWARE ENGINEERING	A4603	2020-21	Core Course	Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
146	COMPUTER NETWORKS	A4511	2020-21	Core Course	Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
147	MACHINE LEARNING	A4515	2020-21	Core Course	Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
148	BIGDATA ANALYTICS	A4513	2020-21	Core Course	Bachelor	Information Technology	5	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
149	C sharp AND dotNET FRAMEWORK	A4652	2020-21	Elective Course	Bachelor	Information Technology	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
150	ROBOTICS PROCESS AUTOMATION DESIGN AND DEVELOPMENT	A4533	2020-21	Elective Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
151	BLOCK CHAIN TECHNOLOGY	A4657	2020-21	Elective Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline

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152	DEVOPS	A4556	2020-21	Elective Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
153	DATA MINING	A4557	2020-21	Core Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
154	DEEP LEARNING	A4661	2020-21	Elective Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
155	SOFTWARE PROJECT MANAGEMENT	A4662	2020-21	Elective Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
156	FUNDAMENTAL OF ROBOTICS	A4333	2020-21	Core Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
157	CLOUD COMPUTING AND BIG DATA	A3610	2020-21	Core Course	Bachelor	Information Technology	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
158	SOFTWARE TESTING METHODOLOGY	A3612	2020-21	Core Course	Bachelor	Information Technology	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline

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159	Microprocessors and Microcontrollers	A4409	2020-21	Core Course	Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
160	SOFTWARE REQUIREMENT ENGINEERING	A3651	2020-21	Core Course	Bachelor	Information Technology	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
161	Digital Communications	A4410	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
162	WEB SERVICES	A3654	2020-21	Elective Course	Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
163	PYTHON FOR MACHINE LEARNING	A3656	2020-21	Elective Course	Bachelor	Information Technology	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
164	Digital Design through Verilog HDL	A4411	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
165	SOFT COMPUTING	A3659	2020-21	Elective Course	Bachelor	Information Technology	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline

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166	Antennas and Wave Propagation	A4412	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
167	PYTHON FOR DATA SCIENCE	A3680	2020-21	Elective Course	Bachelor	Information Technology	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
168	CPLD and FPGA Architectures and Applications	A4451	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
169	ENTERPRENEURSHIP DEVELOPMENT	A3076	2020-21	Elective Course	Bachelor	Information Technology	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Offline
170	PROBLEM SOLVING THROUGH C	A7501	2021-22	Core Course	Bachelor	Information Technology	3	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Offline
171	Design of ARM Based Systems	A4452	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
172	Computer Communication Networks	A4453	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo

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173	DISCRETE MATHEMATICAL STRUCTURES	A6503	2021-22	Core Course	Bachelor	Information Technology	3	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Offline
174	Smart antennas	A4454	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
175	FUNDAMENTALS OF IOT	A6504	2021-22	Core Course	Bachelor	Information Technology	4	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Offline
176	Engineering Design Thinking	A4018	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	32	Blended Mo
177	OBJECT ORIENTED PROGRAMMING	A6601	2021-22	Core Course	Bachelor	Information Technology	4	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Offline
178	CMOS VLSI Design	A4413	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
179	OPERATING SYSTEMS	A6507	2021-22	Core Course	Bachelor	Information Technology	3	01-11-2021 00:00:00	07-03-2022 00:00:00	127	42	Offline

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180	Product Realization	A4020	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	32	Blended Mo
181	SOFTWARE ENGINEERING	A5605	2021-22	Core Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	03-12-2021 00:00:00	130	42	Offline
182	Low Power VLSI Design	A4455	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
183	COMPUTER NETWORKS	A5509	2021-22	Core Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	03-12-2021 00:00:00	130	42	Offline
184	Real Time System Design	A4456	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
185	MACHINE LEARNING WITH PYTHON	A5512	2021-22	Elective Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	03-12-2021 00:00:00	130	42	Offline
186	Image Analysis and Visualization	A4457	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo

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187	ARTIFICIAL INTELLIGENCE	A4552	2021-22	Core Course	Bachelor	Information Technology	4	27-07-2021 00:00:00	03-12-2021 00:00:00	130	42	Offline
188	Microwave Engineering	A4458	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
189	Internet of Things	A4418	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
190	Cellular and Mobile Communications	A4419	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
191	Mixed Signal VLSI Design	A4459	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
192	Artificial Intelligence with Deep Learning	A4460	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
193	DSP Processors and Architectures	A4461	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo

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194	Advanced Communications	A4462	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
195	Disaster Management	A4133	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
196	Management Science	A4026	2020-21	Core Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
197	VLSI Physical Design Automation	A4463	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
198	Embedded Networking	A4464	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
199	Wireless Communications and Networks	A4466	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo
200	Bio Medical Instrumentation	A4465	2020-21	Elective Course	,Bachelor	Electronics and Communications Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	70	Blended Mo

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201	Embedded Control Systems	B4663	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
202	Embedded Wireless Sensor Networks	B4664	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
203	Electronic Product Design and Reliability Engineering	B4665		Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
204	Disaster Management	B4912	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
205	Artificial Intelligence	B4463	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
206	Pattern Recognition and Machine learning	B4464	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
207	Communication Network	B4465	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo

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208	Operations Research	B4903	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
209	Disaster Management	B4912	2020-21	Elective Course	,Master	Electronics and Communications Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	70	Blended Mo
210	Renewable energy systems	A4251	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Blended Mo
211	Power quality	A4255	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Blended Mo
212	Neural Networks and Fuzzy Logics	A4256	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Blended Mo
213	Fundamentals of java	A4531	2020-21	Elective Course	,Bachelor	Electrical and Electronics Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Blended Mo
214	Computer methods in power systems	A3255	2020-21	Core Course	,Bachelor	Electrical and Electronics Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
215	power semiconductor drives	A3224	2020-21	Core Course	,Bachelor	Electrical and Electronics Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
216	Power quality	A3262	2020-21	Elective Course	,Bachelor	Electrical and Electronics Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
217	High voltage engineering	A3259	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	4	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Offline
218	Environment pollution and management	A3176	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	3	24-08-2020 00:00:00	12-01-2021 00:00:00	142	42	Blended Mo
219	Management Science	A3014	2020-21	Core Course	Bachelor	Electrical and Electronics Engineering	3	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Blended Mo
220	power electronics control of DC drives	A3268	2020-21	Elective Course	Bachelor	Electrical and Electronics Engineering	4	15-02-2021 00:00:00	29-05-2021 00:00:00	104	42	Blended Mo
221	Renewable Energy systems	A5251	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Blended Mo

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
222	Electrical vehicles	A5258	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
223	Disaster Management	A5133	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
224	power semiconductor drives	A4217	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	4	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Blended Mo
225	Electrical vehicles	A4257	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Blended Mo
226	Fundamentals of DBMS	A4533	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-07-2021 00:00:00	20-11-2021 00:00:00	117	42	Blended Mo
227	Utilization of electrical energy	A4260	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
228	Management Science	A4026	2021-22	Core Course	Bachelor	Electrical and Electronics Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
229	project planning and management	A4131	2021-22	Elective Course	Bachelor	Electrical and Electronics Engineering	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
230	Modeling and Analysis of Electrical Machines	B4301	2020-21	Core Course	Master	Electrical and Electronics Engineering	3	08-01-2021 00:00:00	17-04-2021 00:00:00	100	42	Blended Mo
231	Electrical Drives System	B4302	2020-21	Core Course	Master	Electrical and Electronics Engineering	3	08-01-2021 00:00:00	17-04-2021 00:00:00	100	42	Blended Mo
232	Research Methodology and IPR	B4905	2020-21	Core Course	Master	Electrical and Electronics Engineering	2	08-01-2021 00:00:00	17-04-2021 00:00:00	100	42	Blended Mo
233	Power quality	B4353	2020-21	Elective Course	Master	Electrical and Electronics Engineering	3	08-01-2021 00:00:00	17-04-2021 00:00:00	100	42	Blended Mo
234	PWM converter and Applications	B4355	2020-21	Elective Course	Master	Electrical and Electronics Engineering	3	08-01-2021 00:00:00	17-04-2021 00:00:00	100	42	Blended Mo
235	Power Electronic Converters	B4351	2020-21	Core Course	Master	Electrical and Electronics Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
236	Digital Control of Power Electronic and Drive Systems	B4355	2020-21	Core Course	Master	Electrical and Electronics Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline
237	Switched Mode and Resonant Converters	B4357	2020-21	Elective Course	Master	Electrical and Electronics Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline
238	Advanced Microcontroller based systems	B4360	2020-21	Elective Course	Master	Electrical and Electronics Engineering	3	19-05-2021 00:00:00	28-08-2021 00:00:00	102	42	Offline
239	FACTS and Custom Power Devices	B4364	2020-21	Elective Course	Master	Electrical and Electronics Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	42	Blended Mo
240	Operations research	B4903	2020-21	Elective Course	Master	Electrical and Electronics Engineering	3	24-08-2020 00:00:00	06-01-2021 00:00:00	136	42	Blended Mo
241	Power Electronic Converters	B5301	2021-22	Core Course	Master	Electrical and Electronics Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
242	Electrical Drives System	B5302	2021-22	Core Course	Master	Electrical and Electronics Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
243	Research Methodology and IPR	B5303	2021-22	Core Course	Master	Electrical and Electronics Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
244	PWM Converter and Applications	B5351	2021-22	Elective Course	Master	Electrical and Electronics Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
245	Electric and Hybrid Vehicles	B5355	2021-22	Elective Course	Master	Electrical and Electronics Engineering	3	13-12-2021 00:00:00	09-04-2022 00:00:00	118	42	Offline
246	FACTS and Custom Power Devices	B4364	2021-22	Elective Course	Master	Electrical and Electronics Engineering	3	01-11-2021 00:00:00	28-02-2022 00:00:00	120	42	Offline
247	Operations research	B4903	2021-22	Elective Course	Master	Electrical and Electronics Engineering	3	01-11-2021 00:00:00	28-02-2022 00:00:00	120	42	Offline
248	Social Innovation	A6021	2020-21	Core Course	Bachelor	EPICS	1	02-12-2020 00:00:00	20-03-2021 00:00:00	109	28	Blended Mo
249	Engineering Exploration	A6022	2020-21	Core Course	Bachelor	EPICS	1	08-04-2021 00:00:00	25-09-2021 00:00:00	171	28	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
250	Managerial Economics and Financial Analysis	A5015	2020-21	Core Course	Bachelor	MBA	3	24-08-2020 00:00:00	25-01-2021 00:00:00	155	42	Blended Mo
251	Managerial Economics and Financial Analysis	A5015	2020-21	Core Course	Bachelor	MBA	3	15-02-2021 00:00:00	07-06-2021 00:00:00	113	42	Offline
252	Engineering Design Thinking	A4018	2020-21	Core Course	Bachelor	EPICS	1	24-08-2020 00:00:00	25-01-2021 00:00:00	155	28	Blended Mo
253	Product Realization	A4020	2020-21	Core Course	Bachelor	EPICS	1	15-02-2021 00:00:00	07-06-2021 00:00:00	113	28	Offline
254	Management Science	A3014	2020-21	Core Course	Bachelor	MBA	3	15-02-2021 00:00:00	07-06-2021 00:00:00	113	42	Offline
255	Social Innovation	A7021	2021-22	Core Course	Bachelor	EPICS	1	13-12-2021 00:00:00	19-04-2022 00:00:00	128	28	Blended Mo
256	Engineering Design Thinking	A6023	2021-22	Core Course	Bachelor	EPICS	1	01-11-2021 00:00:00	07-03-2022 00:00:00	127	28	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
257	Engineering Design Thinking	A5016	2021-22	Core Course	Bachelor	EPICS	1	27-07-2021 00:00:00	20-11-2021 00:00:00	117	28	Offline
258	Product Realization	A5017	2021-22	Core Course	Bachelor	EPICS	1	27-12-2021 00:00:00	29-04-2022 00:00:00	124	28	Offline
259	Management Science	A4026	2021-22	Core Course	Bachelor	MBA	3	27-12-2021 00:00:00	29-04-2022 00:00:00	124	42	Offline
260	Advanced Stress Analysis	B4758	2020-21	Elective Course	Master	Mechanical Engineering	3	19-05-2021 00:00:00	25-09-2021 00:00:00	130	42	Offline
261	Mechanical Vibrations	B4760	2020-21	Elective Course	Master	Mechanical Engineering	3	19-05-2021 00:00:00	25-09-2021 00:00:00	130	42	Offline
262	Design for Manufacturing	B4765	2020-21	Elective Course	Master	Mechanical Engineering	3	14-08-2020 00:00:00	04-02-2021 00:00:00	175	42	Offline
263	Operations Research	B4903	2020-21	Elective Course	Master	Mechanical Engineering	3	24-08-2020 00:00:00	04-02-2021 00:00:00	165	42	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
264	Robotics	B5752	2021-22	Elective Course	Master	Mechanical Engineering	3	13-12-2021 00:00:00	01-05-2022 00:00:00	140	42	Offline
265	Applied Elasticity and Plasticity	B5754	2021-22	Elective Course	Master	Mechanical Engineering	3	13-12-2021 00:00:00	01-05-2022 00:00:00	140	42	Offline

2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
1	Soft Computing Techniques in Geotechnical Engineering with Emphasis on Pile Foundations	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Civil Engineering	14-03-2022 00:00:00	26-03-2022 00:00:00	13	91
2	One Week Online Faculty Development Program on State-of-the-art Modelling Techniques in Civil Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Civil Engineering	20-10-2021 00:00:00	26-10-2021 00:00:00	7	42
3	Wireless Sensor Network Simulation using NS2	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of ECE Vardhaman College of Engineering	10-05-2021 00:00:00	15-05-2021 00:00:00	6	36
4	3D Modeling visualizing and illustrating	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	26-12-2020 00:00:00	29-12-2020 00:00:00	4	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
5	System design Methodologies for Embedded IoT AI HPC using Intel FPGA	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	19-04-2021 00:00:00	30-04-2021 00:00:00	12	72
6	MS Office Soft Skills for Non Teaching Staff	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	30-03-2021 00:00:00	03-04-2021 00:00:00	5	30
7	5G Design Journey from Devices to Circuits		Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	01-03-2021 00:00:00	12-03-2021 00:00:00	12	72
8	Advanced Communication and Antennas	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	15-02-2021 00:00:00	26-02-2021 00:00:00	12	72
9	Digital tools for writing authoring and reviewing Manuscripts	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	21-09-2020 00:00:00	02-10-2020 00:00:00	12	72
10	Demystifying 5G RF ASICs	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	24-08-2020 00:00:00	04-09-2020 00:00:00	12	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
11	ICT Tools for Teaching Learning process Institutes	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	10-08-2020 00:00:00	21-08-2020 00:00:00	12	72
12	Machine Learning and Deep Learning for Real Time Applications	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of	10-08-2020 00:00:00	17-08-2020 00:00:00	8	48
13	Wireless communication Machine Learning Algorithms	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of ECE Vardhaman College of Engineering	27-07-2020 00:00:00	01-08-2020 00:00:00	6	36
14	Wireless Communications Future IOT	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of ECE Vardhaman College of Engineering	20-07-2020 00:00:00	25-07-2020 00:00:00	6	36
15	Embedded UVM open source Emulation Functional Verification	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Department of ECE Vardhaman College of Engineering	13-07-2020 00:00:00	24-07-2020 00:00:00	12	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
16	Recent Advances in Wireless Communications Future Challenges	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of ECE Vardhaman College of Engineering	13-07-2020 00:00:00	18-07-2020 00:00:00	6	36
17	Data Analytics with Python	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	The Code Scholar	21-06-2021 00:00:00	26-06-2021 00:00:00	6	36
18	NI LabVIEW Data Acquisition Sensor Interface myDAQ Module 2	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering Vardhaman College of Engineering	01-06-2020 00:00:00	05-06-2020 00:00:00	5	40
19	NI LabVIEW Data Acquisition Sensor Interface myRIO and Refreshment course Module 3 4	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering Vardhaman College of Engineering	24-02-2020 00:00:00	03-03-2020 00:00:00	9	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
20	Machine Learning on Recent trends and applications Phase IV	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Srinivasa Ramanujan Institute of Technology Ananthapuramu	21-06-2021 00:00:00	26-06-2021 00:00:00	6	36
21	Exploring ideas to scalable product design skills	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Gujarath Technological University	21-06-2021 00:00:00	25-06-2021 00:00:00	5	30
22	System design for Healthcare and Assistive Technologies	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Sri Sivasubramaniya Nadar College of Engineering Kalavakkam	14-06-2021 00:00:00	18-06-2021 00:00:00	5	30
23	Machine Learning Based Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	SREEYAS Institute of Engineering and Technology Hyderabad	31-05-2021 00:00:00	06-06-2021 00:00:00	7	42
24	Recent Trends in Embedded Systems	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Kavikluguru Institute of Technology and Science Ramtek	27-05-2021 00:00:00	02-06-2021 00:00:00	7	42

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
25	Machine Learning Recent trends and Applications Phase-II	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Srinivasa RamanujanInstitute of Technology	24-05-2021 00:00:00	29-05-2021 00:00:00	6	36
26	Research Perspectives on AI ML Data Science IoT	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	KL University	17-05-2021 00:00:00	05-06-2021 00:00:00	20	120
27	Modern Techniques for Wireless Communication	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Madhav Institute of Technology Science Gwalior	17-05-2021 00:00:00	21-05-2021 00:00:00	5	30
28	Practical Exposure on Machine Learning and Data Science	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GPREC	26-04-2021 00:00:00	01-05-2021 00:00:00	6	36
29	Latest Advancements Of Meta materials In Wireless Applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	B V Raju Institute Of Technology	26-04-2021 00:00:00	01-05-2021 00:00:00	6	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
30	MIMO and Beamforming Antennas for Wireless and Satellite Applications	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	IEEE Delhi Section Antenna Propagation Society APS Chapter	26-04-2021 00:00:00	30-04-2021 00:00:00	5	30
31	Empowering the Moral values Ethics Behavioral attitude in teaching skills among teachers	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of ECE Dr N G P Institute of Technology	19-04-2021 00:00:00	24-04-2021 00:00:00	6	36
32	Recent Developments in Power Electronics and its Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	vardhaman college of engineering	31-08-2020 00:00:00	05-09-2020 00:00:00	6	30
33	Fractional Order Robust Control System Design (Series-I)	2020-21	Short-term Certificate Program	Central Govt. Agency	VARDHAMAN COLLEGE OF ENGINEERING	26-10-2020 00:00:00	31-10-2020 00:00:00	6	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
34	Fractional Order Robust Control System Design (Series-II)	2020-21	Short-term Certificate Program	Central Govt. Agency	AICTE	23-11-2020 00:00:00	28-11-2020 00:00:00	6	32
35	Fractional Order Robust Control System Design (Series-III)	2020-21	Short-term Certificate Program	Central Govt. Agency	AICTE	15-03-2021 00:00:00	20-03-2021 00:00:00	6	32
36	Electric Vehicle Battery Charging System With Renewable Energy Sources	2020-21	Short-term Certificate Program	Central Govt. Agency	Kakatiya Institute of Technology and Science	02-11-2020 00:00:00	07-11-2020 00:00:00	6	30
37	Electric Vehicle Battery Charging System With Renewable Energy Sources (phase-II)	2020-21	Short-term Certificate Program	Central Govt. Agency	Kakatiya Institute of Technology and Science	14-12-2020 00:00:00	19-12-2020 00:00:00	6	30
38	Recent Advancements in Electric Vehicle Technologies	2020-21	Short-term Certificate Program	Self Sponsored/Supported	SRM Institute of Science and Technology	08-12-2020 00:00:00	14-12-2020 00:00:00	7	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
39	Emerging Trends in Networks IoT	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Infinity Management and Engineering College	16-04-2021 00:00:00	22-04-2021 00:00:00	7	42
40	Recent Developments and Entrepreneurship in Sustainable Green Energy Technologies and Smart Grids	2020-21	Short-term Certificate Program	Central Govt. Agency	BV Raju Institute of Technology	19-12-2020 00:00:00	24-12-2020 00:00:00	6	30
41	Internet of Things	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	A G PATIL institute of Technology	07-04-2021 00:00:00	12-04-2021 00:00:00	6	36
42	Electric Vehicle (EV) Components Technologies Challenges and Future Development (SERIES-A)	2020-21	Short-term Certificate Program	Central Govt. Agency	BV Raju Institute of Technology	07-12-2020 00:00:00	19-12-2020 00:00:00	13	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
43	Outcome based education and NBA accreditation for Tier II colleges	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Sagi Rama Krishnam Raju Engineering College	29-03-2021 00:00:00	03-04-2021 00:00:00	6	36
44	Teaching Pedagogical Intelligence	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Malla Reddy Engineering College	15-03-2021 00:00:00	27-03-2021 00:00:00	13	78
45	Electric Vehicle (EV) Components Technologies Challenges and Future Development	2020-21	Short-term Certificate Program	Central Govt. Agency	BV Raju Institute of Technology	18-01-2021 00:00:00	30-01-2021 00:00:00	13	35
46	Mixed signal design approaches for Artificial intelligence Processors	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	LBRCE college of Engineering	01-03-2021 00:00:00	06-03-2021 00:00:00	6	36
47	Renewable Energy Systems	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Sairam Engineering College	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
48	Image Processing Using OpenCV Python	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Finland Labs A Unit of Revert Technology	22-02-2021 00:00:00	26-02-2021 00:00:00	5	30
49	Teaching and Learning of Power Converters and Control Techniques for Renewable Energy Systems	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	NIT Warangal	08-03-2021 00:00:00	13-03-2021 00:00:00	6	32
50	Free and Open Source Software FOSS Tools for Effective Teaching Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Electronics and Communication Engineering Department NITTTR	15-02-2021 00:00:00	19-02-2021 00:00:00	5	30
51	Recent Trends in Circuits and Communication	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Jaipur Engineering College and Research Centre	19-02-2021 00:00:00	23-02-2021 00:00:00	5	30
52	Research Initiatives in Advanced Control Systems	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Muthoot Institute of Technology and Science	22-02-2021 00:00:00	26-02-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
53	Trends Challenges in power converters and control	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Anna University	09-02-2021 00:00:00	23-02-2021 00:00:00	15	90
54	Ensuring Universal Human Values through Education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	VARDHAMAN COLLEGE OF ENGINEERING	19-10-2020 00:00:00	23-10-2020 00:00:00	5	30
55	Flexible and Wearable Antennas and Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Rajasthan Technical University	09-02-2021 00:00:00	13-02-2021 00:00:00	5	30
56	Recent trends in Operation and planning of Distribution system and Microgrid	2020-21	Short-term Certificate Program	Self Sponsored/Supported	PARC in Association with Hongkong Polytechnic University	04-01-2021 00:00:00	08-01-2021 00:00:00	5	30
57	Internet of Things	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of ECE I T S Engineering College	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
58	Sustainable Power Systems	2020-21	Short-term Certificate Program	Self Sponsored/Supported	PARC in Association with Hongkong Polytechnic University	07-06-2021 00:00:00	11-06-2021 00:00:00	5	31
59	Artificial Intelligence	2020-21	Short-term Certificate Program	Self Sponsored/Supported	MLR Institute of Technology Management	01-02-2021 00:00:00	06-02-2021 00:00:00	6	36
60	Implementation of OBE and Online teaching	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	NITTTR Chennai	01-02-2021 00:00:00	05-02-2021 00:00:00	5	30
61	Artificial Intelligence	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Sri Jayachamareajendra College of Engineering	27-01-2021 00:00:00	31-01-2021 00:00:00	5	30
62	Hands on Project-Based Approach for Biomedical Signal Analysis using MATLAB (Phase-1 Online)	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Kakatiya Institute of Technology and Science Warangal	28-12-2020 00:00:00	10-01-2021 00:00:00	14	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
63	Empowering the Moral values Ethics and Behavioral Attitude in Teaching skills among Teachers	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Dr N G P Institute of Technology Coimbatore	18-01-2021 00:00:00	23-01-2021 00:00:00	6	36
64	Renewable Energy Development in Deregulated Power Market Future Scenario	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Jayamukhi Institute of Technology Warangal	12-10-2020 00:00:00	17-10-2020 00:00:00	6	30
65	Applications of NI Labview Phase 2	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Nagarjuna College of Engineering and Technology	25-01-2021 00:00:00	01-02-2021 00:00:00	8	48
66	Recent Advances in EV Technologies Series A	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Matrusri Engineering College Hyderabad	26-04-2021 00:00:00	01-05-2021 00:00:00	6	30
67	Lab on Chip	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	SRM Institute of Science and Technology	18-01-2021 00:00:00	22-01-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
68	Advancement in Renewable Energy	2020-21	Short-term Certificate Program	Central Govt. Agency	Government College of Engineering Nagpur Maharashtra	17-03-2021 00:00:00	23-03-2021 00:00:00	7	35
69	Hands on Project Based Approach of 5G Design and Development	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Kakatiya Institute of Technology Science	18-01-2021 00:00:00	23-01-2021 00:00:00	6	36
70	LaTeX	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	IIT Bombay	11-07-2021 00:00:00	17-07-2021 00:00:00	7	35
71	Artificial Intelligence in Electronic Chip Design Technology	2020-21	Short-term Certificate Program	Self Sponsored/Supported	ACE Engineering College	18-01-2021 00:00:00	23-01-2021 00:00:00	6	36
72	Electric Vehicles	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	National Institute of Technology Puducherry	05-10-2020 00:00:00	10-10-2020 00:00:00	6	30
73	Product Design	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	ATAL Academy College of Engineering Trivandrum	04-01-2021 00:00:00	08-01-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
74	Communication Skills and Ethics	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Gandhinagar Institute of Technology	28-12-2020 00:00:00	02-01-2021 00:00:00	6	36
75	IOT for Biomedical and healthcare Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	VNR Vignana Jyothi Institute of Engineering and Technology	28-12-2020 00:00:00	31-12-2020 00:00:00	4	32
76	Recent Trends in Electric Vehicles	2021-22	Short-term Certificate Program	Central Govt. Agency	Vardhaman College of Engineering Hyderabad	17-02-2022 00:00:00	23-02-2022 00:00:00	7	35
77	IISF 2020	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Ministry of Science and Technology CSIR	22-12-2020 00:00:00	25-12-2020 00:00:00	4	32
78	Machine Learning and its Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	KL University	14-12-2020 00:00:00	24-12-2020 00:00:00	11	66
79	Recent Advancements and Research Opportunities in Energy Sector	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Aditya Engineering College Surampalem Andhra Pradesh	29-11-2021 00:00:00	03-12-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
80	Latest advancements of Metamaterials in wireless applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	B V Raju Institute Of Technology	12-12-2020 00:00:00	17-12-2020 00:00:00	6	36
81	Planning and Operation of Smart Grids Recent Trends and Developments	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	TKM College of Engineering Kerala	06-12-2021 00:00:00	10-12-2021 00:00:00	5	30
82	Challenges and opportunities in Electric Vehicle Technology	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	AITS Hyderabad	28-12-2021 00:00:00	03-01-2022 00:00:00	7	35
83	Current Trends and Emerging Advances in Marine Navigation and Communication	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Chaitanya Bharathi Institute of Technology	07-12-2020 00:00:00	12-12-2020 00:00:00	6	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
84	Exploring Ideas to scalable product design skills	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Gujarat Technological University	21-06-2021 00:00:00	25-06-2021 00:00:00	5	30
85	Internet of Things	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Geethanjali College of Engineering and Technology	01-12-2020 00:00:00	05-12-2020 00:00:00	5	30
86	Electric Vehicle Design to Product Development	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	A P SHAH INSTITUTE OF TECHNOLOGY THANE	01-09-2021 00:00:00	05-09-2021 00:00:00	5	30
87	IoT powered solutions for healthcare Innovations	2020-21	Short-term Certificate Program	Self Sponsored/Supported	KCG College of Technology	30-11-2020 00:00:00	05-12-2020 00:00:00	6	36
88	3D Printing and Design	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NIT Warangal	06-12-2021 00:00:00	10-12-2021 00:00:00	5	30

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89	Current Trends and Emerging Advances in Marine Navigation and Communication	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Chaitanya Bharathi Institute of Technology	23-11-2020 00:00:00	28-11-2020 00:00:00	6	36
90	Research Trends in Design and Control of Electric Vehicles	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	College of Engineering Perumon	17-01-2022 00:00:00	21-01-2022 00:00:00	5	30
91	Design approaches in Analog and Digital VLSI	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Sasi Institute of Technology and engineering Tadepalligudem	16-11-2020 00:00:00	21-11-2020 00:00:00	6	36
92	Recent Advancements in Generation and Control in Modern Power Systems	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	GMRIT AP	07-03-2022 00:00:00	12-03-2022 00:00:00	6	35
93	A Scalable Approach	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	AICTE Quality Improvement Scheme	16-11-2020 00:00:00	27-11-2020 00:00:00	12	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
94	Fundamentals of Electric Vehicle Technology	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	IIIT Bhagalpur	06-12-2021 00:00:00	10-12-2021 00:00:00	5	30
95	Millimeterwave and massive MIMO Applications for 5G Wireless networks using AI	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	GRIET	16-11-2020 00:00:00	21-11-2020 00:00:00	6	36
96	POWER ELECTRONIC CONVERTERS AND CONTROL FOR RENEWABLE POWER AND MICROGRID SYSTEMS	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Indian Institute of Technology Goa	14-12-2021 00:00:00	18-12-2021 00:00:00	5	30
97	Renewable Energies and Plug-In Vehicles Integration in Microgrid	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	National Institute of Technology Rourkela	26-11-2021 00:00:00	30-11-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
98	Deep Learning Techniques for Electronic health record Analysis	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Malla Reddy Engineering College for Women	16-11-2020 00:00:00	21-11-2020 00:00:00	6	36
99	Wearable Devices	2020-21	Short-term Certificate Program	Central Govt. Agency	AICTE Training And Learning	16-11-2020 00:00:00	20-11-2020 00:00:00	5	30
100	FDP on Hands-on Big Data Analysis	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30
101	Modern Trends in Manufacturing and Thermal Science	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	National Institute of Technology Delhi	05-04-2022 00:00:00	10-04-2022 00:00:00	6	30
102	Advanced Design in RF	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	HMRITM	16-11-2020 00:00:00	20-11-2020 00:00:00	5	30
103	AI Techniques-Electrical Engineering	2021-22	Short-term Certificate Program	Central Govt. Agency	AICTE	22-11-2021 00:00:00	04-12-2021 00:00:00	13	40

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
104	Internet of Things	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	ATAL Academy JNTUA College of Engineering	09-11-2020 00:00:00	13-11-2020 00:00:00	5	30
105	Machine Learning and its Applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Lendi Institute of Engineering and Technology	02-11-2020 00:00:00	07-11-2020 00:00:00	6	36
106	Electric Vehicles and Energy Storage Systems integrated with Renewable Energy Sources	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Sri Vasavi engineering college	23-08-2021 00:00:00	28-08-2021 00:00:00	6	30
107	Antenna design and Analysis using Mathematical Solvers	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Aditya Institute of Technology and Management	29-10-2020 00:00:00	03-11-2020 00:00:00	6	36
108	Smart Cities	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Indian Institute of Information Technology Dharwad	08-11-2021 00:00:00	12-11-2021 00:00:00	5	30

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109	Ensuring Universal Human Values through Education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Freshman Engineering Vardhaman College of Engineering	19-10-2020 00:00:00	23-10-2020 00:00:00	5	30
110	Smart grid future intelligent electricity distribution grids	2021-22	Short-term Certificate Program	Central Govt. Agency	SCHEME FOR PROMOTION OF ACADEMIC AND RESEARCH COLLABORATION	04-02-2022 00:00:00	14-02-2022 00:00:00	11	30
111	Quantum Computing	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	CDAC	05-10-2020 00:00:00	09-10-2020 00:00:00	5	30
112	Basics of Electric Vehicles	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Thapar Institute of Engineering and Technology	25-02-2022 00:00:00	01-03-2022 00:00:00	5	30
113	Electrical Computer Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	University College of Engineering	05-10-2020 00:00:00	09-10-2020 00:00:00	5	30
114	FDP on Blockchain Technology and Cryptocurrency	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-04-2021 00:00:00	23-04-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
115	Latest Technological Developments in Electronics Communication Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	KL Deemed To be University	05-10-2020 00:00:00	17-10-2020 00:00:00	13	78
116	FDP on Machine Learning Concepts and Its Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	14-06-2021 00:00:00	18-06-2021 00:00:00	5	30
117	Workshop on Deep Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-08-2020 00:00:00	26-08-2020 00:00:00	5	30
118	FDP on AI and Deep Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	17-08-2020 00:00:00	28-08-2020 00:00:00	12	60
119	Coursera Course on Achieving Advanced Insight with Big Query	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	11-01-2021 00:00:00	11-02-2021 00:00:00	32	120

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
120	One week FDP on Blockchain Architecture Ethereum and Hyperledger	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	08-07-2020 00:00:00	12-07-2020 00:00:00	5	30
121	Coursera Course on Applying Machine Learning to your Data with GCP	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	13-01-2021 00:00:00	13-02-2021 00:00:00	32	150
122	One week Short Term course on Supply Chain Management Challenges and Strategies	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	13-07-2020 00:00:00	17-07-2020 00:00:00	5	32
123	Machine Learning and IOT Technologies for Environmental Issues	2020-21	Short-term Certificate Program	Self Sponsored/Supported	P V P Siddhartha Institute of Technology	21-09-2020 00:00:00	26-09-2020 00:00:00	6	36
124	Augmented Reality and Virtual Reality	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	VNR VJIET	07-09-2020 00:00:00	11-09-2020 00:00:00	5	30

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125	Sensor Technology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Meerut Institute of Engineering Technology	07-09-2020 00:00:00	11-09-2020 00:00:00	5	30
126	Data Sciences	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	NITA	07-09-2020 00:00:00	11-09-2020 00:00:00	5	30
127	Introduction To Industry 4 and Industrial Internet of Things	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	IIT Madras	01-09-2020 00:00:00	31-12-2020 00:00:00	122	78
128	Advanced Deep Learning Techniques with Python	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Anurag Group Of Institutions	31-08-2020 00:00:00	05-09-2020 00:00:00	6	36
129	Quantum Computing	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Ministry of Electronics IT (MeitY) Govt of India	24-08-2020 00:00:00	29-08-2020 00:00:00	6	36
130	Internet of Things	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	National Power Training Institute	24-08-2020 00:00:00	28-08-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
131	FDP on AI Deep Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	360 DigiTMG	17-08-2020 00:00:00	28-08-2020 00:00:00	12	72
132	Energy Efficient Techniques for 5G Wireless Communications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Pune Institute of Computer Technology	17-08-2020 00:00:00	22-08-2020 00:00:00	6	36
133	Machine Learning and Deep Learning for Real time Applications	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	NIT Warangal	10-08-2020 00:00:00	17-08-2020 00:00:00	8	48
134	5G Technologies with Applications for IoT	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	VKR VNB AGK College of Engineering	10-08-2020 00:00:00	16-08-2020 00:00:00	7	42
135	Open Source Tools For Research	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Priyadarshini Institute of Science Technology for Women	10-08-2020 00:00:00	15-08-2020 00:00:00	6	36
136	Computer networks simulation using NS2	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	MGIT	10-08-2020 00:00:00	14-08-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
137	Scheme of financial assistance for setting up of Electronics and ICT Academies	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Ministry of Electronics and Information Technology	10-08-2020 00:00:00	21-08-2020 00:00:00	12	72
138	Recent trends in Wireless Sensor Networks and Applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Malla Reddy Engineering College for Women	03-08-2020 00:00:00	08-08-2020 00:00:00	6	36
139	Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science Information Technology	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	IIIT Allahabad	03-08-2020 00:00:00	07-08-2020 00:00:00	5	30
140	Simulation and Modeling of Data Communications Networks	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	MGIT	27-07-2020 00:00:00	31-07-2020 00:00:00	5	30

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141	Industry 4 Technologies for Non-Computing Disciplines	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	BHARATHIAR University	27-07-2020 00:00:00	31-07-2020 00:00:00	5	30
142	Recent Trends in technology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	MGIT	20-07-2020 00:00:00	25-07-2020 00:00:00	6	36
143	Recent Advances in Biomedical Applications and Communications Networks	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	GMR Institute of Technology	13-07-2020 00:00:00	18-07-2020 00:00:00	6	36
144	Recent Trends in Nano Electronic Devices	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Anurag University	13-07-2020 00:00:00	17-07-2020 00:00:00	5	30
145	MATLAB and its applications in Engineering using Machine Learning and Deep Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	GPREC	13-07-2020 00:00:00	17-07-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
146	Signal processing techniques for radar applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Institute Of Aeronautical Engineering	10-07-2020 00:00:00	14-07-2020 00:00:00	5	30
147	Image Processing and Computer Vision-Industrial Scope	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Malineni Lakshmaiah Womens Engineering College	08-07-2020 00:00:00	12-07-2020 00:00:00	5	30
148	Wireless Communications and Mobile Technologies	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	BVRIT College of Engineering for Women	06-07-2020 00:00:00	10-07-2020 00:00:00	5	30
149	Future Nano electronic devices circuits	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	MGIT	06-07-2020 00:00:00	10-07-2020 00:00:00	5	30
150	Introduction To RADAR Signal Processing	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	RISE Krishna Sai Prakasam Group of Institutions	01-07-2020 00:00:00	18-07-2020 00:00:00	18	108

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
151	Advancement in Communication Engineering Technologies with Simulation Tools	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Vishnu Institute of Technology	01-07-2020 00:00:00	05-07-2020 00:00:00	5	30
152	Developing Potentials Emerging Technologies of Computer Science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Vidya Jyothi Institute of Technology	01-07-2020 00:00:00	07-07-2020 00:00:00	7	42
153	Faculty Development Program on Data Science	2020-21	Faculty Development Program (FDP)	State Govt. Agency	ExcelR TASK Hyderabad	01-07-2020 00:00:00	24-07-2020 00:00:00	24	144
154	Online ICT Tools for Effective Teaching Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Priyadarshini Institute of Science Technology for Women	30-06-2020 00:00:00	04-07-2020 00:00:00	5	30
155	Satellite Photogrammetry and its Application	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Indian Institute of Remote Sensing	29-06-2020 00:00:00	03-07-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
156	Natural Language Processing	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Vardhaman College of Engineering	07-02-2022 00:00:00	18-02-2022 00:00:00	12	72
157	Recent Trends in Intelligent Systems	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Vardhaman College of Engineering	27-01-2022 00:00:00	02-02-2022 00:00:00	7	42
158	Machine Learning Application in Signal Processing and Communication Engineering	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Vardhaman College of Engineering	03-01-2022 00:00:00	08-01-2022 00:00:00	6	36
159	Trends and Challenges in Advanced VLSI System Design	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	27-12-2021 00:00:00	31-12-2021 00:00:00	5	30
160	Digital Transformations IIoT	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	04-10-2021 00:00:00	09-10-2021 00:00:00	6	36
161	Deep Learning for Image Analysis	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	04-10-2021 00:00:00	09-10-2021 00:00:00	6	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
162	Wireless Sensor Network Simulation Using NS2	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	27-09-2021 00:00:00	02-10-2021 00:00:00	6	36
163	Artificial Intelligence Machine Learning and Deep Learning using MATLAB	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	27-09-2021 00:00:00	02-10-2021 00:00:00	6	36
164	Design and analysis of Advanced Antenna Systems	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	IEEE MTT S Vardhaman Student Chapter	23-08-2021 00:00:00	28-08-2021 00:00:00	6	36
165	One Week Orientation Program For Newly Recruited Faculty	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	16-08-2021 00:00:00	21-08-2021 00:00:00	6	36
166	Digital Tools for Writing Authoring and Reviewing Manuscripts	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	12-07-2021 00:00:00	23-07-2021 00:00:00	12	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
167	Wireable Devices Antenna Technologies for IoT Mobile and Telemedicine Applications	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Saveetha School of Engineering	05-07-2021 00:00:00	09-07-2021 00:00:00	5	30
168	Machine Learning and Computer Vision	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vignan s foundation for Science Technology and Research	05-07-2021 00:00:00	09-07-2021 00:00:00	5	30
169	Deep Learning using Medical Data	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	FinLand labs	12-07-2021 00:00:00	16-07-2021 00:00:00	5	30
170	Product Design and Prototype Development	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Engineering College Bikaner	12-07-2021 00:00:00	16-07-2021 00:00:00	5	30
171	Digital Tools for Writing Authoring and Reviewing Manuscripts	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering	12-07-2021 00:00:00	23-07-2021 00:00:00	12	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
172	A Pedagogy for Effective use of 5G Communication Networks for Cloud Applications	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Jawaharlal Nehru National College of Engineering	13-07-2021 00:00:00	17-07-2021 00:00:00	5	30
173	Recent Advances and Trends in Lightweight Cryptography for IoT Security and Blockchain Technologies	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	University Institute of Technology Rajiv Gandhi Proudhyogiki Vishwavidyalaya	27-07-2021 00:00:00	31-07-2021 00:00:00	5	30
174	Reliability and Security of VLSI Circuits Systems for IoT	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	ATAL Academy	02-08-2021 00:00:00	06-08-2021 00:00:00	5	30
175	Artificial intelligence in Electronic Design Automation	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	GITAM Deemed to be University	09-08-2021 00:00:00	13-08-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
176	Artificial intelligence in electronic design automation	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training and learning academy	09-08-2021 00:00:00	13-08-2021 00:00:00	5	30
177	5G and Emerging Technologies	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CVR College of Engineering	09-08-2021 00:00:00	14-08-2021 00:00:00	6	36
178	Design Week 2021	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Online training	10-08-2021 00:00:00	19-08-2021 00:00:00	10	60
179	Recent Trends in Next Generation Communication Technologies	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Bapatla Engineering College	16-08-2021 00:00:00	20-08-2021 00:00:00	5	30
180	Millimeter Wave Frequencies Phase III	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Gudlavalleru Engineering College	16-08-2021 00:00:00	21-08-2021 00:00:00	6	36
181	Deep Learning	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NITTTR Chandigarh	23-08-2021 00:00:00	27-08-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
182	Deep learning for computer vision	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	ATAL	23-08-2021 00:00:00	27-08-2021 00:00:00	5	30
183	Deep Learning Applications Parallel Architectures	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Electronics ICT Academies	23-08-2021 00:00:00	03-09-2021 00:00:00	12	72
184	Current Research Trends in VLSI Design And Device Modelling	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Atria Institute of Technology	24-08-2021 00:00:00	28-08-2021 00:00:00	5	30
185	Signal Processing Using Machine Learning Applications Hands On	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VIT AP	28-08-2021 00:00:00	01-09-2021 00:00:00	5	30
186	Modeling of RF Front-end Circuitry for 5G Communication using ADS Software	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vasavi College of Engineering	08-09-2021 00:00:00	11-09-2021 00:00:00	4	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
187	5G and Beyond	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NITTTR Chandigarh	13-09-2021 00:00:00	17-09-2021 00:00:00	5	30
188	Devices for Modern Wireless Communication System	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya	20-09-2021 00:00:00	24-09-2021 00:00:00	5	30
189	Effective Curriculum Implementation	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NITTTR Chandigarh	20-09-2021 00:00:00	24-09-2021 00:00:00	5	30
190	Tools for Research Scientific Communication	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Institute of Aeronautical Engineering	20-09-2021 00:00:00	24-09-2021 00:00:00	5	30
191	High Speed Optical Links and Photonic Devices for Next Generation Data Transmission	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Indian Institute of Information Technology	11-10-2021 00:00:00	15-10-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
192	Outcome Based Education Curriculum and Examination Reforms	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	B V V S Polytechnic	25-10-2021 00:00:00	29-10-2021 00:00:00	5	30
193	Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing Applications	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering Technology	22-11-2021 00:00:00	26-11-2021 00:00:00	5	30
194	Train the trainer program on Internet of Things	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	GRIET	22-11-2021 00:00:00	26-11-2021 00:00:00	5	30
195	Role of Machine Learning in VLSI Design	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Anurag University	06-12-2021 00:00:00	11-12-2021 00:00:00	6	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
196	Design Thinking Pedagogical Training	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	GokarajuRangaraju Institute of Engineering and Technology	16-12-2021 00:00:00	22-12-2021 00:00:00	7	42
197	IEEE SPS Hybrid Seasonal School on Recent advances in Artificial Intelligence for Signal Processing	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VNRVJIET	28-12-2021 00:00:00	31-12-2021 00:00:00	4	30
198	Machine Learning Application in Signal Processing and Communication Engineering	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Indian Institute of Technology Guwahati	03-01-2022 00:00:00	08-01-2022 00:00:00	6	36
199	Technical trends and recent advances in industrial Robotics Applications	2021-22	Short-term Certificate Program	Central Govt. Agency	Velagapudi Ramakrishna Siddhartha Engineering College	24-01-2022 00:00:00	30-01-2022 00:00:00	7	42

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
200	Advances in optical communication	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	IIT Madras	27-01-2022 00:00:00	02-02-2022 00:00:00	7	42
201	SCILAB and XCOS FOSS Alternatives for MATLAB and SIMULINK	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CMR institute of Technology	07-02-2022 00:00:00	11-02-2022 00:00:00	5	30
202	Recent Trends in Electric Vehicles	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Vardhaman College of Engineering	17-02-2022 00:00:00	23-02-2022 00:00:00	7	42
203	Application of Artificial Intelligent on VLSI and Communication Technology	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Swami Keshvanand Institute of Technology Management Gramothan	07-03-2022 00:00:00	11-03-2022 00:00:00	5	30
204	AI Machine Learning for IoT EDA	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	NIT Patna	07-03-2022 00:00:00	17-03-2022 00:00:00	11	66
205	Designing with FPGA Intel	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Swami Keshvanand Institute of Technology	12-03-2022 00:00:00	17-03-2022 00:00:00	6	36

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206	Practical Challenges and Theoretical Approaches in learning English	2021-22	Short-term Certificate Program	Central Govt. Agency	IIT Madras	21-03-2022 00:00:00	26-03-2022 00:00:00	6	36
207	Creating Future Path of Scientific Development in 75th Year of Independence	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NITTTR Chandigarh	18-04-2022 00:00:00	22-04-2022 00:00:00	5	30
208	NEP 2020 Implementation in Higher Education Institutes	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NITTTR Chandigarh	09-05-2022 00:00:00	13-05-2022 00:00:00	5	30
209	Designing and modelling of IoT AI ML Systems	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE arm Education and STMicroelectronics	01-08-2022 00:00:00	05-08-2022 00:00:00	5	30
210	Web Application Development	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	IARE College of Engineering	11-07-2022 00:00:00	22-07-2022 00:00:00	12	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
211	Curriculum Development in the light of NEP 2020	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	E ICT Academies MNIT Jaipur	08-08-2022 00:00:00	19-08-2022 00:00:00	12	72
212	Ensuring Universal Human Values through Education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Freshman Engineering	19-10-2020 00:00:00	23-10-2020 00:00:00	5	30
213	Recent Trends in Smart materials and their applications	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Freshman Engineering	07-02-2022 00:00:00	11-02-2022 00:00:00	5	30
214	Tableau Data Challenge 2021	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Freshman Engineering	14-04-2020 00:00:00	18-04-2020 00:00:00	5	30
215	Python Fundamentals and Personality Development	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Freshman Engineering	12-04-2021 00:00:00	16-04-2021 00:00:00	5	30

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216	FDP on Foregrounding the Spectrum of Character Building in Modern Human Life	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	25-06-2021 00:00:00	03-07-2021 00:00:00	9	50
217	FDP on Outcome Based Education and Accreditation Process	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	23-08-2021 00:00:00	28-08-2021 00:00:00	6	60
218	Coursera Course on Achieving Advanced Insight with Big Query	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	01-11-2021 00:00:00	02-12-2021 00:00:00	32	120
219	Coursera Course on Applying Machine Learning to your Data with GCP	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	13-01-2021 00:00:00	13-02-2021 00:00:00	32	150

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
220	FDP on Python Application in Real World and NVME Storage Introduction	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	06-06-2020 00:00:00	10-06-2020 00:00:00	5	30
221	Coursera course on Machine Learning Foundations A case study approach	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-12-2021 00:00:00	19-01-2022 00:00:00	32	120
222	FDP on Data Science	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	18-01-2021 00:00:00	22-01-2021 00:00:00	5	30
223	FDP on Hands on Big Data Analysis	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30
224	ATAL FDP on Artificial Intelligence	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
225	Advanced Optimization Techniques and hands-on with MATLAB or SCILAB	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Electronics and ICT Academies MNIT Jaipur Guwahati	06-09-2021 00:00:00	17-09-2021 00:00:00	12	90
226	FDP on Quality Education through OBE	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	13-07-2020 00:00:00	17-07-2020 00:00:00	5	30
227	Fracture Mechanics in concrete structures	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy OSMANIA UNIVERSITY	06-12-2021 00:00:00	10-12-2021 00:00:00	5	40
228	Deterioration Damage Assessment and Strengthening of Structures (DDASS)	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Sardar Vallabhbhai National Institute of Technology Surat	27-12-2021 00:00:00	31-12-2021 00:00:00	5	35
229	FDP and Online Training on Java Programming	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-11-2020 00:00:00	11-11-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
230	Recent Trends on Smart Materials and their Applications	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Civil Engineering Department VCE	07-02-2022 00:00:00	11-02-2022 00:00:00	5	35
231	STTP on Data Science Unfolded Layer of Knowledge	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	30-11-2020 00:00:00	05-12-2020 00:00:00	6	36
232	Materials in Civil Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vignan Institute of Technology and Science	21-03-2022 00:00:00	26-03-2022 00:00:00	6	40
233	Two-Week online FDP on Professional Morals Work Ethics and Accountability for Teachers in Technical Education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	19-10-2020 00:00:00	31-10-2020 00:00:00	13	72

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
234	The Eruptive Concrete Technologies for Sustainable Habits to the Civil Engineering Graduates	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Marwadi University Rajkot	04-04-2022 00:00:00	08-04-2022 00:00:00	5	35
235	Coursera course on Google Cloud Platform Fundamentals Core Infrastructure	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-09-2020 00:00:00	19-10-2020 00:00:00	31	140
236	Advanced Technologies in Concrete and Precast Concrete	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	OP Jindal University Raigarh	06-04-2022 00:00:00	09-04-2022 00:00:00	4	32
237	FDP on Computer Science and Biology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-09-2020 00:00:00	23-09-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
238	Behavior of structures subjected to Extreme events (Fire or Blast or Earthquake or Wind)	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Vellore Institute of Technology Chennai	20-09-2021 00:00:00	24-09-2021 00:00:00	5	35
239	National IP Literacy	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	15-10-2020 00:00:00	23-10-2020 00:00:00	9	80
240	FDP on RPA Design and Development V10 Educator Readiness Program	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	20-07-2020 00:00:00	29-07-2020 00:00:00	10	80
241	Inculcating Universal Human Values in Technical Education	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	All India Council for Technical Education (AICTE)	08-11-2021 00:00:00	12-11-2021 00:00:00	5	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
242	FDP on Machine Learning and Its Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	02-11-2020 00:00:00	07-11-2020 00:00:00	6	36
243	Advanced Design of Deep Foundations for Seismic Bridge and Offshore Applications	2021-22	Short-term Certificate Program	Central Govt. Agency	NIT WARANGAL	23-08-2021 00:00:00	27-08-2021 00:00:00	5	35
244	FDP on Deep Learning in Image and Computer Vision and its Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	28-10-2020 00:00:00	10-11-2020 00:00:00	14	74
245	Innovative Contactless Investigation Techniques in Civil Engineering	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	06-09-2021 00:00:00	10-09-2021 00:00:00	5	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
246	State of the art modeling Techniques in civil Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Civil Engineering Department VCE	20-09-2021 00:00:00	25-09-2021 00:00:00	6	40
247	FDP on Data Analytics Artificial Machine Business Intelligence for Engineering and Science Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	07-12-2020 00:00:00	19-12-2020 00:00:00	13	72
248	Earthquake Analysis and Design using latest Civil Engineering softwares	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy Online Elementary Coimbatore Institute of Technology	18-10-2021 00:00:00	22-10-2021 00:00:00	5	35
249	Effective teaching and learning of Geotechnics for infrastructure development	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	NIT WARANGAL	25-10-2021 00:00:00	30-10-2021 00:00:00	6	40

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
250	Quantity Surveying in Civil Engineering	2021-22	Short-term Certificate Program	Self Sponsored/Supported	CIVIL Edu	01-05-2022 00:00:00	04-05-2022 00:00:00	4	32
251	Outcome Based Education(OBE) and Accreditation Process	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VARDHAMAN COLLEGE OF ENGINEERING	23-08-2021 00:00:00	28-08-2021 00:00:00	6	40
252	Seismic Safety of Structures	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy Z H College of Engg and Tech Aligarh Muslim University Aligarh	04-10-2021 00:00:00	08-10-2021 00:00:00	5	35
253	FDP onData Science for Big Data Analytics in Cloud using advanced tools	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	23-11-2020 00:00:00	28-11-2020 00:00:00	6	72
254	Earthquake resistant design and construction practice	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy University Institute of Technology RGPV	29-11-2021 00:00:00	03-12-2021 00:00:00	5	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
255	International Workshop on Deep Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-08-2020 00:00:00	26-08-2020 00:00:00	5	36
256	FDP On Data Science and its Applications in STEM	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	09-07-2020 00:00:00	21-07-2020 00:00:00	13	80
257	Faculty induction program under GURU DAKSHTA	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VARDHAMAN COLLEGE OF ENGINEERING	14-12-2021 00:00:00	18-12-2021 00:00:00	5	35
258	Mechanical Behavior of Materials Failure Analysis of Materials and its Preventions	2021-22	Short-term Certificate Program	Self Sponsored/Supported	IIT Indore	24-04-2022 00:00:00	30-04-2022 00:00:00	7	40
259	Geospatial Applications in Civil Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Presidency University Bangalore	16-08-2021 00:00:00	20-08-2021 00:00:00	5	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
260	Sustainable development through BAMBOOS	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	AICTE Training And Learning (ATAL) Academy Alamuri Ratanmala Institute Of Engineering And Technology Shahapur	17-09-2021 00:00:00	21-09-2021 00:00:00	5	33
261	Environment and Sustainability Need of the Day	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	AICTE Training And Learning (ATAL) Academy Sree Vidyanikethan Engineering College	13-09-2021 00:00:00	17-09-2021 00:00:00	5	33
262	Cyber Security	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy National Institute of Technology Nagaland	04-10-2021 00:00:00	08-10-2021 00:00:00	5	32
263	Intelligent Metro Rail Transport System for Indian Cities	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	AICTE Training And Learning (ATAL) Academy Nitte Meenakshi Institute of Technology-NMIT Bangalore	20-09-2021 00:00:00	24-09-2021 00:00:00	5	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
264	Foundations of cyber security and digital forensics	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	AICTE Training And Learning (ATAL) Academy V R Siddhartha Engineering college (Autonomous)	25-10-2021 00:00:00	29-10-2021 00:00:00	5	35
265	Sustainable Materials and Resilient Buildings Philosophy Design Implementation and Performance	2020-21	Short-term Certificate Program	Central Govt. Agency	sponsored by AICTE and organized by Department of Civil Engineering Kakatiya Institute of Technology and Science Warangal	23-11-2020 00:00:00	28-11-2020 00:00:00	6	40
266	Developments in Concrete and Construction	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Civil Engineering SRM Institute of Science and Technology Ramapuram Chennai	23-07-2020 00:00:00	29-07-2020 00:00:00	7	45
267	Sustainable Development in Structural Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	CVR Global University	20-07-2020 00:00:00	24-07-2020 00:00:00	5	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
268	Innovation in Civil Engineering and Concrete Technology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	SRMIET ICI Ultratech Cement Ltd	13-07-2020 00:00:00	17-07-2020 00:00:00	5	33
269	STAAD Pro	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	APSSDC	13-07-2020 00:00:00	26-07-2020 00:00:00	14	100
270	Structural analysis using E TABS	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	APSSDC	13-07-2020 00:00:00	26-07-2020 00:00:00	14	100
271	Advanced applications of structural concrete in civil engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	K L deemed to be University	07-06-2020 00:00:00	12-06-2020 00:00:00	6	40
272	Innovative technology in civil Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Easwari Engineering College	12-05-2020 00:00:00	19-05-2020 00:00:00	8	50
273	integrated Waste Management Program 1	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Angadi institute of Technology and Management Belagavi (Karnataka)	04-11-2020 00:00:00	10-11-2020 00:00:00	7	45

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
274	Repair and Rehabilitation of Structures	2020-21	Short-term Certificate Program	Self Sponsored/Supported	RVR and JC College of Engineering Guntur AP	16-11-2020 00:00:00	21-11-2020 00:00:00	6	40
275	Advance Construction Techniques in Low Cost Civil Structures For Modern Living	2020-21	Short-term Certificate Program	Self Sponsored/Supported	KKR and KSR institute of Technology Guntur AP	07-12-2020 00:00:00	12-12-2020 00:00:00	6	40
276	Seismic Risk Mitigation and Vibration Control of Structures	2020-21	Short-term Certificate Program	Self Sponsored/Supported	School of Engineering RK University Rajkot Gujarat	09-11-2020 00:00:00	13-11-2020 00:00:00	5	35
277	Ensuring universal human values through education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	vardhaman clg of engg	19-10-2020 00:00:00	23-10-2020 00:00:00	5	35
278	interactive Design in Geotechnical Engineering Theory of Practice	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Vardhaman Clg of Engineering	24-09-2020 00:00:00	02-10-2020 00:00:00	9	50

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
279	FDP on Data Analytics Artificial Machine Business Intelligence for Engineering and Science Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	07-12-2020 00:00:00	19-12-2020 00:00:00	13	110
280	one week STTP on Data Science for Bigdata Analytics in Cloud using advance tools	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	14-12-2020 00:00:00	19-12-2020 00:00:00	6	35
281	Coursera Introduction to Big data	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	05-09-2020 00:00:00	10-09-2020 00:00:00	6	35
282	Coursera Programming for everybody getting started with python	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	01-09-2020 00:00:00	05-09-2020 00:00:00	5	30

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283	Workshop on Accelerated Research	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-09-2020 00:00:00	26-09-2020 00:00:00	5	35
284	STTP on Wipro certified faculty program	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	31-08-2020 00:00:00	18-09-2020 00:00:00	19	120
285	FDP on Data Science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	02-12-2020 00:00:00	06-12-2020 00:00:00	5	35
286	FDP on Blockchain technology and crypto currency	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-04-2020 00:00:00	23-04-2020 00:00:00	5	35
287	FDP on Kalam program for IP literacy and awareness	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	15-10-2020 00:00:00	23-10-2020 00:00:00	9	56

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
288	Course on Programming for everybody	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	28-03-2020 00:00:00	28-04-2020 00:00:00	32	150
289	FDP on IoT	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-09-2020 00:00:00	11-09-2020 00:00:00	5	35
290	FDP on Network simulation tool	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	10-08-2020 00:00:00	14-08-2020 00:00:00	5	35
291	FDP on Recent trends on computer science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	24-08-2020 00:00:00	28-08-2020 00:00:00	5	35
292	STTP on Deep learning in image and Computer Vision applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	28-10-2020 00:00:00	11-11-2020 00:00:00	15	89

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
293	STTP on ML techniques for medical and health care	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	21-09-2020 00:00:00	26-09-2020 00:00:00	6	50
294	STTP on Machine learning and its applications AI and deep learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	23-11-2020 00:00:00	28-11-2020 00:00:00	6	40
295	FDP on Artificial intelligence using Python	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	14-09-2020 00:00:00	19-09-2020 00:00:00	6	35
296	FDP on Serverless IoT for Societal products	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	24-05-2020 00:00:00	28-05-2020 00:00:00	5	35
297	FDP on quality education through OBE	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	13-07-2020 00:00:00	17-07-2020 00:00:00	5	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
298	FDP on Full stack ai and deep learning prectitionet approach	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	06-07-2020 00:00:00	19-07-2020 00:00:00	14	120
299	Training Program on Android development with kotlin	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	31-08-2020 00:00:00	05-09-2020 00:00:00	6	35
300	Course on Programming with IoT boards	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	26-07-2020 00:00:00	26-08-2020 00:00:00	32	180
301	FDP on Emerging technologies like cloud ai mland data analysis	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	22-06-2020 00:00:00	26-06-2020 00:00:00	5	32
302	FDP on Data science using R programming	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	12-06-2020 00:00:00	17-06-2020 00:00:00	6	35

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303	FDP on data science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	01-07-2020 00:00:00	24-07-2020 00:00:00	24	150
304	FDP on research opportunities in image processing and machine Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	29-06-2020 00:00:00	03-07-2020 00:00:00	5	32
305	FDP on Future wireless communication standards and technologies	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	24-05-2020 00:00:00	29-05-2020 00:00:00	6	34
306	FDP on ML concepts and its Appllicationss	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	14-06-2020 00:00:00	18-06-2020 00:00:00	5	32
307	FDP on Artificial intelligence and robotics	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	18-01-2020 00:00:00	22-01-2020 00:00:00	5	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
308	STTP on Outcome based Pedagogy	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-03-2021 00:00:00	27-03-2021 00:00:00	6	35
309	FDP on the role of science and spirituality for a harmonial an fulfilling human community	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	15-03-2021 00:00:00	19-03-2021 00:00:00	5	35
310	Block chain-under Technology and its applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	25-01-2021 00:00:00	29-01-2021 00:00:00	5	32
311	Workshop on API development	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-04-2021 00:00:00	22-04-2021 00:00:00	15	90
312	FDP on Human center computing	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	15-02-2021 00:00:00	19-02-2021 00:00:00	5	31

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
313	FDP on Research challenges and emerging trends in ontology and data science for deep learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	01-03-2021 00:00:00	06-03-2021 00:00:00	6	34
314	FDP on Computer science and biology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	10-01-2021 00:00:00	14-01-2021 00:00:00	5	30
315	FDP on Block chain ATAL	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	04-01-2021 00:00:00	08-01-2021 00:00:00	5	30
316	STTP on Deep learning for Computer Vision medical Applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	30-11-2020 00:00:00	05-12-2020 00:00:00	6	30

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317	FDP on the role of science and spirituality for a harmonial an fulfilling human community	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	15-03-2021 00:00:00	19-03-2021 00:00:00	5	30
318	Block chain-under Technology and its applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	25-01-2021 00:00:00	29-01-2021 00:00:00	5	30
319	FDP onCyber security	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-03-2021 00:00:00	26-03-2021 00:00:00	5	30
320	STTP on Research challenges and emerging trends in ontology and data science for deep learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	01-03-2021 00:00:00	06-03-2021 00:00:00	6	30

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321	FDP on Block chain	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	04-01-2021 00:00:00	08-01-2021 00:00:00	5	30
322	FDP on Artificial intelligence	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30
323	Two Day Workshop on Cyber Security	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30
324	FDP on Hands on Big Data Analysis	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-02-2021 00:00:00	12-02-2021 00:00:00	5	30
325	Block chain technology and crypto currency	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-04-2021 00:00:00	23-04-2021 00:00:00	5	30

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326	Coursera course on creating New Big-Query Datasets and Visualizing Insights	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	01-08-2021 00:00:00	02-09-2021 00:00:00	33	150
327	FDP on Blockchain	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	04-01-2021 00:00:00	08-01-2021 00:00:00	5	30
328	FDP on Digital Teaching Techniques	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-12-2020 00:00:00	12-12-2020 00:00:00	6	30
329	FDP on Artificial Intelligence and Deep Learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	03-02-2021 00:00:00	09-02-2021 00:00:00	7	35
330	IoT Simulation by fog Computing and computing using open sources tools	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	15-02-2021 00:00:00	20-02-2021 00:00:00	6	31

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
331	Mat lab for engineering and Scientific computation	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-02-2021 00:00:00	26-02-2021 00:00:00	5	30
332	STTP on Data Science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	01-07-2020 00:00:00	24-07-2020 00:00:00	24	120
333	FDP on AI powered solutions for health care innovations research perspective	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	27-01-2021 00:00:00	31-01-2021 00:00:00	5	30
334	FDP on Data Science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	01-02-2021 00:00:00	05-02-2021 00:00:00	5	30
335	FDP on Big data analytics	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	25-01-2021 00:00:00	29-01-2021 00:00:00	5	30

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336	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	IIT KANPUR	26-07-2021 00:00:00	08-09-2021 00:00:00	45	60
337	FDP on Machine Learning based Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	31-05-2021 00:00:00	06-06-2021 00:00:00	7	35
338	FDP on Data Science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	21-09-2020 00:00:00	25-09-2020 00:00:00	5	30
339	FDP on cyber security analytics	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	17-05-2021 00:00:00	21-05-2021 00:00:00	5	30
340	Course on Python data structures	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	15-04-2020 00:00:00	15-05-2020 00:00:00	31	150
341	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	IIT KANPUR	26-07-2021 00:00:00	08-09-2021 00:00:00	45	60

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
342	FDP on Sensor networks internet of things and internet of everything	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	31-05-2021 00:00:00	05-06-2021 00:00:00	6	30
343	FDP on Outcome based education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	29-03-2021 00:00:00	03-04-2021 00:00:00	6	30
344	FDP on Future wireless communication standards and technologies	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	24-05-2021 00:00:00	29-05-2021 00:00:00	6	30
345	Climate resilient precision agriculture to enhance the natural capital in developing countries An inclusive wealth approach	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-03-2021 00:00:00	12-03-2021 00:00:00	5	30

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346	Durability of Concrete (IWODOC 2020)	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Civil Engineering NIT Karnataka Surathkal	26-10-2020 00:00:00	30-10-2020 00:00:00	5	32
347	FDP on Recent Trends and advancements in Computer Science by eminent academicians	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-07-2021 00:00:00	28-07-2021 00:00:00	7	32
348	Opportunities and Challenges in Sustainable Construction Practices	2020-21	Short-term Certificate Program	Self Sponsored/Supported	IIT (BHU) Varanasi	01-02-2021 00:00:00	06-02-2021 00:00:00	6	40
349	Numerical and Seismic Analysis of Typical Structures	2020-21	Short-term Certificate Program	Self Sponsored/Supported	SrinivasaRamanujan institute of Technology Ananthapuramu	14-12-2020 00:00:00	19-12-2020 00:00:00	6	40
350	FDP on Deep learning and Computer Vision	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-06-2021 00:00:00	11-06-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
351	Advance Construction Techniques in Low Cost Civil Structures For Modern Living	2020-21	Short-term Certificate Program	Self Sponsored/Supported	KKR and KSR institute of Technology Guntur AP	07-12-2020 00:00:00	12-12-2020 00:00:00	6	40
352	FDP on Introduction to cloud identity	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	12-05-2021 00:00:00	12-06-2021 00:00:00	32	150
353	Repair and Rehabilitation of Structures	2020-21	Short-term Certificate Program	Self Sponsored/Supported	RVR and JC College of Engineering Guntur AP	16-11-2020 00:00:00	20-11-2020 00:00:00	5	35
354	FDP on Embedding AI in smart sensor technologies	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	07-06-2021 00:00:00	11-06-2021 00:00:00	5	30
355	Course Certificate on Digital Teaching technologies	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-12-2020 00:00:00	12-12-2020 00:00:00	6	32

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
356	Mechanics of Materials Deflections Buckling Combined Loading and Failure Theories	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Georgia institute of Technology Coursera	08-09-2020 00:00:00	30-09-2020 00:00:00	23	120
357	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	IIT Kanpur	26-07-2021 00:00:00	08-08-2021 00:00:00	14	60
358	Modern Trends in Transportation System	2020-21	Short-term Certificate Program	Central Govt. Agency	National institute of Technology Silchar India	25-07-2020 00:00:00	29-07-2020 00:00:00	5	30
359	FDP on Wireless sensor network simulation using ns2	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	10-05-2021 00:00:00	15-05-2021 00:00:00	6	30
360	PYTHON PROGRAMMING	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
361	Trends in Transportation	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Gayatri Vidya Parishad College For Degree and PG Courses	06-07-2020 00:00:00	10-07-2020 00:00:00	5	30
362	FDP on Internet of things	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-09-2021 00:00:00	11-09-2021 00:00:00	5	30
363	FDP on Data Analitcs and R studio Software	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	14-06-2021 00:00:00	27-06-2021 00:00:00	14	65
364	Software Testing	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	NPTEL	17-01-2021 00:00:00	13-02-2021 00:00:00	28	140
365	Recent advances in Pavement Material Testing and Design	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Misrimal Navajee Munoth Jain Engineering College	14-12-2020 00:00:00	19-12-2020 00:00:00	6	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
366	Emerging Tools for Design and Analysis of Sustainable Roads(ETDASR 2020)	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Vallurupalli Nageswara Rao Vignana Jyothi Institute Of Engineering And Technology Hyderabad	24-08-2020 00:00:00	29-08-2020 00:00:00	6	36
367	ADVANCEMENTS IN SECURITY USING DEEP LEARNING	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	21-03-2021 00:00:00	25-03-2021 00:00:00	5	30
368	Road Safety Issues and Challenges	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	National Institute of Technology Warangal	07-12-2020 00:00:00	11-12-2020 00:00:00	5	30
369	Teaching and Learning of Green Chemistry Nurturing A New Generation of Chemists	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	National institute of Technology Warangal	26-02-2021 00:00:00	03-03-2021 00:00:00	6	35

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
370	Role of Transportation Engineer Towards Sustainable Roads and Traffic Safety	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Shri Vishnu Engineering College Andhra Pradesh	22-02-2021 00:00:00	27-02-2021 00:00:00	6	40
371	IMPORTANCE OF RESEARCH METRICS AN OVERVIEW OF WEB OF SCIENCE AND SCOPUS DATA BASE	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	28-07-2021 00:00:00	24-08-2021 00:00:00	28	140
372	Outcome Based Pedagogic Principles For Effective Teaching in Engineering	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GMB Polytechnic Gujarat	17-03-2021 00:00:00	23-03-2021 00:00:00	7	40
373	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
374	Current Developments in Civil Engineering	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Lingayas institute of Management and Technology Vijayawada	06-08-2020 00:00:00	10-08-2020 00:00:00	5	32
375	Developments in Civil Engineering	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Lingayas institute of Management and Technology Vijayawada	06-08-2020 00:00:00	10-08-2020 00:00:00	5	32
376	FOUNDATION OF MODERN CRYPTOGRAPHY	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	15-11-2021 00:00:00	19-11-2021 00:00:00	5	30
377	Advances in geo technical engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Bheemanna Khandre institute of Technology Bhalki	15-07-2020 00:00:00	20-07-2020 00:00:00	6	35
378	RECENT TRENDS AND CHALLENGES IN COMPUTER AND ENGINEERING	2020-21	Short-term Certificate Program	Self Sponsored/Supported	CSE	05-07-2021 00:00:00	09-07-2021 00:00:00	5	30
379	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
380	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60
381	One week FDP on Blockchain Architecture Ethereum and Hyperledger	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	08-07-2021 00:00:00	12-07-2021 00:00:00	5	30
382	MULTI TECHNOLOGY	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	28-06-2021 00:00:00	03-07-2021 00:00:00	6	30
383	INTELLIGENT SYSTEM FOR SUSTAINABLE DEVELOPMENT	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	08-06-2021 00:00:00	12-06-2021 00:00:00	5	30
384	Two Week online FDP on Professional Morals Work Ethics and Accountability for Teachers in Technical Education	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	19-12-2020 00:00:00	31-12-2020 00:00:00	13	60

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
385	WIRELESS SENSOR NETWORK SIMULATIONS USING NS2	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	10-05-2021 00:00:00	15-05-2021 00:00:00	6	30
386	INTELLIGENT SYSTEMS FOR SUSTAINABLE DEVELOPMENT	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	08-06-2021 00:00:00	12-06-2021 00:00:00	5	30
387	MULTI TECHNOLOGY	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	28-06-2021 00:00:00	03-07-2021 00:00:00	6	30
388	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60
389	INTELLIGENT SYSTEMS FOR SUSTAINABLE DEVELOPMENT	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering and Information Technology	08-06-2021 00:00:00	12-06-2021 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
390	FDP on Data Analytics Artificial Machine Business Intelligence for Engineering and Science Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-12-2020 00:00:00	19-12-2020 00:00:00	13	65
391	5 COURSES ON ASSOCIATE CLOUD ENGINEER	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	COURSERA	29-03-2021 00:00:00	20-04-2021 00:00:00	23	115
392	FDP on Data Analytics Artificial Machine Business Intelligence for Engineering and Science Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	12-07-2020 00:00:00	19-07-2020 00:00:00	8	40
393	MULTI TECHNOLOGY	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	CSE	28-06-2021 00:00:00	03-07-2021 00:00:00	6	30

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394	FDP on Current Research trends in computer science	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	29-07-2020 00:00:00	02-08-2020 00:00:00	5	30
395	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60
396	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60
397	FDP on Embedding AI in smart sensor technologies	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	07-06-2021 00:00:00	11-06-2021 00:00:00	5	30
398	PYTHON PROGRAMMING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	26-07-2021 00:00:00	06-08-2021 00:00:00	12	60
399	STTP on Machine learning and its applications AI and deep learning	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	23-11-2020 00:00:00	28-11-2020 00:00:00	6	30

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400	AI MACHINE LEARNING FOR IOT EDA	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	07-03-2021 00:00:00	17-03-2021 00:00:00	11	40
401	Course on AI for everyone	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	09-06-2020 00:00:00	09-07-2020 00:00:00	31	140
402	FDP on Cloud computing with AWS	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	30-06-2020 00:00:00	04-07-2020 00:00:00	5	30
403	INTERNET OF THINGS MASTER CLASS	2021-22	Short-term Certificate Program	Industry/Non-Govt.	PANTECH E LEARNING	19-09-2021 00:00:00	18-10-2021 00:00:00	30	150
404	FDP on Emerging technologies like cloud ai ml and data analysis	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Computer Science and Engineering - VCE	22-06-2020 00:00:00	26-06-2020 00:00:00	5	30
405	MACHINE LEARNING MASET CLASS	2021-22	Short-term Certificate Program	Industry/Non-Govt.	PANTECH E LEARNING	15-11-2021 00:00:00	14-12-2021 00:00:00	30	150

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406	FOUNDATION MODERN CRYPTOGRAPHY	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	15-11-2021 00:00:00	19-11-2021 00:00:00	5	30
407	SOFTWARE ROBOTIC PROCESS AUTOMATION	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	20-09-2021 00:00:00	10-10-2021 00:00:00	21	105
408	SOFTWARE ROBOTIC PROCESS AUTOMATION	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	CSE	20-09-2021 00:00:00	10-10-2021 00:00:00	21	105
409	CLOUD COMPUTING	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	NPTEL	02-08-2021 00:00:00	29-08-2021 00:00:00	28	140
410	Quantum Computing and Quantum Algorithm for CFD	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Mechanical Engineering	05-10-2020 00:00:00	09-10-2020 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
411	Advanced and Futuristic Manufacturing Process (AFMP 2020)	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	25-09-2020 00:00:00	29-09-2020 00:00:00	5	30
412	Frontier of 3D Printing Technology and Its Industrial Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	07-12-2020 00:00:00	12-12-2020 00:00:00	6	36
413	Research Aspects Of Powder Metallurgy Based Direct Digital Manufacturing	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	02-11-2020 00:00:00	07-11-2020 00:00:00	6	36
414	Finite Elements for Engineering Applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	05-10-2020 00:00:00	10-10-2020 00:00:00	6	36
415	Software Tools used in Finite Element Analysis	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	10-08-2020 00:00:00	15-08-2020 00:00:00	6	36

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416	Sustainable Mobility Solutions in the Indian Context	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	27-07-2020 00:00:00	30-07-2020 00:00:00	4	32
417	Multi Scale Computational Fluid Dynamics and Fundamentals and Applications	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	21-09-2020 00:00:00	25-09-2020 00:00:00	5	30
418	Digital Technologies in Design and Smart Manufacturing	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	07-12-2020 00:00:00	12-12-2020 00:00:00	6	36
419	ICT Tools for Teaching Learning Process and Institute	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	10-08-2020 00:00:00	21-08-2020 00:00:00	12	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
420	ADVANCED VIBRATIONS VARIOUS ENGINEERING APPLICATIONS WITH HANDS ON SESSIONS	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	JNTUKAKINADA	08-02-2021 00:00:00	13-02-2021 00:00:00	6	36
421	Advances in Mechanical Engineering with an Emphasis on AI	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Gokaraju Rangaraju Institute of Engineering and Technology	15-03-2021 00:00:00	20-03-2021 00:00:00	6	36
422	OTP on Digital Tools for Writing Authoring and Reviewing Manuscripts	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Electronics and ICT Academy	12-07-2021 00:00:00	22-07-2021 00:00:00	11	36
423	Advanced Materials and Manufacturing Technology	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Eswari Engineering College Chennai Tamilnadu	27-09-2021 00:00:00	08-10-2021 00:00:00	12	36

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
424	Application of Artificial Intelligence and Machine Learning in Mechanical Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	MVSR Engineering College Hyderabad	18-10-2021 00:00:00	23-10-2021 00:00:00	6	36
425	Mechatronics and Manufacturing Automation	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NIT Arunachal Pradesh	04-10-2021 00:00:00	08-10-2021 00:00:00	5	30
426	Design Thinking and Product Development	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	NIT Arunachal Pradesh	23-08-2021 00:00:00	28-08-2021 00:00:00	6	36
427	Robotics and Artificial Intelligence	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Lakki Reddy Bal Reddy College of Engineering Vijayawada	07-02-2022 00:00:00	11-02-2022 00:00:00	5	30
428	LaTeX101x LaTeX for Students Engineers and Scientists	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Mechanical Engineering	02-08-2021 00:00:00	21-11-2021 00:00:00	112	62

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
429	Outcome Based Education and Accreditation Process	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Vardhaman College of Engineering Hyderabad	23-08-2021 00:00:00	28-08-2021 00:00:00	6	30
430	Emerging trends in Automotive and Energy Systems	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Sri Vidya Nikethan Tirupathi	23-08-2021 00:00:00	27-08-2021 00:00:00	5	30
431	Additive Manufacturing Current Trends And Prospects Towards Developing AM Research	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Mechanical Engineering	22-08-2021 00:00:00	26-08-2021 00:00:00	5	30
432	Applications of 3D Printing Technology in Engineering Education	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Dayananda Sagar College of Engineering	20-09-2021 00:00:00	24-09-2021 00:00:00	5	30
433	Recent advances in Metal alloy Design and Processing	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Malaviya National Institute of Technology Jaipur Rajasthan	01-10-2021 00:00:00	05-10-2021 00:00:00	5	30

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434	Digital Additive Manufacturing 3D Printing	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of Mechatronics Engineering ICFAI Foundation for Higher Education Deemed-to-be University Hyderabad	06-09-2021 00:00:00	10-09-2021 00:00:00	5	30
435	3D Printing and Design	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Osmania University Mechanical Engineering Department Hyderabad	25-10-2021 00:00:00	29-10-2021 00:00:00	5	30
436	Recent developments in Thermal Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Malla Reddy College of Engineering Hyderabad Department of Mechanical Engineering	28-06-2021 00:00:00	03-07-2021 00:00:00	6	30
437	Progressive Trends In Mechanical Engineering	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Andhra Loyola Institute of Engineering and Technology Vijayawada	28-03-2022 00:00:00	01-04-2022 00:00:00	5	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
438	Recent Advances in Materials and Challenges in Manufacturing Techniques	2021-22	Faculty Development Program (FDP)	State Govt. Agency	Department of Mechanical Engineering	07-02-2022 00:00:00	19-02-2022 00:00:00	13	36
439	Electric Vehicles Opportunities and Challenges	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	Department of Mechanical Engineering	16-08-2021 00:00:00	27-08-2021 00:00:00	12	60
440	Advanced Vibrations Various Engineering Applications With Hands On Sessions	2021-22	Short-term Certificate Program	State Govt. Agency	Department of Mechanical Engineering	27-09-2021 00:00:00	02-10-2021 00:00:00	6	30
441	Lean Manufacturing in Industry 4	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Raja Rajeswari College of Engineering Belgaum	24-01-2022 00:00:00	28-01-2022 00:00:00	5	30
442	HUMAN VALUES AND INTELLECTUAL PROPERTY RIGHTS	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	VCE-MBA	26-04-2021 00:00:00	24-09-2021 00:00:00	152	60

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
443	Entrepreneurship Development	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	VCE-MBA	14-09-2021 00:00:00	18-09-2021 00:00:00	5	50
444	Issues and Challenges in Business Management	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	22-07-2021 00:00:00	27-07-2021 00:00:00	6	40
445	The Art of Teaching on Problem-Solving Skills	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	03-06-2022 00:00:00	09-06-2022 00:00:00	7	60
446	Effective Communication Strategies for Teachers	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	29-04-2022 00:00:00	05-05-2022 00:00:00	7	50
447	AICTE recognized Short Term Course	2021-22	Entrepreneurship Development Program (EDP)	Central Govt. Agency	VCE-MBA	21-03-2021 00:00:00	25-03-2021 00:00:00	5	40
448	Principles of Management	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	01-07-2021 00:00:00	01-10-2021 00:00:00	93	250

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
449	NPTEL FDP	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	VCE-MBA	01-01-2021 00:00:00	01-03-2021 00:00:00	60	100
450	Promoting Innovations in Business Management	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	26-05-2022 00:00:00	31-05-2022 00:00:00	6	30
451	Research Essentials	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	31-01-2022 00:00:00	05-02-2022 00:00:00	6	30
452	Management Information System	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	04-01-2021 00:00:00	08-01-2021 00:00:00	5	30
453	Business Dynamics in new normal	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	26-04-2021 00:00:00	01-05-2021 00:00:00	6	30
454	Business Dynamics in new normal	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	26-04-2021 00:00:00	01-05-2021 00:00:00	6	30
455	INDIAS FINANCIAL MARKET	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	28-03-2022 00:00:00	02-04-2022 00:00:00	6	30

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
456	Data Analysis with R Programming	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	26-03-2022 00:00:00	29-03-2022 00:00:00	4	30
457	Data Analytics Tools AND Techniques UoH	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	20-09-2021 00:00:00	24-09-2021 00:00:00	5	60
458	The Role of Central Banks and Financial Supervisory Authorities in Governing Sustainable Finance Asian Development Bank	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	10-06-2021 00:00:00	12-09-2021 00:00:00	95	100

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course
459	AICTE SPONSORED FACULTY DEVELOPMENT PROGRAMME Participated online FDP on Participative Teaching Learning Methods Case Study Analysis	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	15-03-2021 00:00:00	20-03-2021 00:00:00	6	30
460	ATAL Academy online elementary FDP on DATA ANALYTICS TOOLS AND TECHNIQUES	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	20-09-2021 00:00:00	24-09-2021 00:00:00	5	30
461	ATAL Academy online elementary FDP ON DATA ANALYSIS USING SPSS	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	VCE-MBA	03-01-2022 00:00:00	07-01-2022 00:00:00	5	30

Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Start-Up Cell	Center for Innovation and Entrepreneurship (CIE)	Dr M A Jabbar	9912648686	akhiljabbar.meerja@vardhaman.org	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
2	Tinkering Lab	Vardhaman Tinkering Lab	Dr. S. Venu Gopal	9441030645	s.venugopal@vardhaman.org	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
3	Innovation Cell	Vardhaman Innovation Cell	Dr. J. Krishna Chaithanya	9885052980	j.krishnachaitanya@vardhaman.org	Mentoring Support
4	EDC	Entrepreneureship Development Cell	Mr. Prajwal Y Maredukonda	9885052980	prajwal@vardhaman.org	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
5	IEDC	Innovation and Entrepreneurship Development Cell	Mr. Sai Venkata Satya Kedar Illa	8143645625	satyailla@vardhaman.org	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	V-hub Incubation Center	I. S. V. Satya Kedar	8143645625	satyailla@vardhaman.org	MSME,Own Resource

3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	R&D Centre for Excellence	Dr. J. Krishna Chaithanya	9885052980	j.krishnachaitanya@vardhaman.org	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
2	Technology Transfer Centre /TTO	Vardhaman Technology Transfer Cell	Ms. C. Padmini	9100940551	c.padmini@vardhaman.org	Mentoring Support

Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022)

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
1	SECURING CLASSIFIED DOCUMENT USING BLOCKCHAIN AND TSA AUTHORITIES	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	SUDEEP BANERJEE CHOPRA	Student		choprasudeepbanerje
2	SMART HANDWASH BY FOG DISINFECTION	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	ANCHI RAHUL KUSHAL	Student		anchirahulkushal19ec

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
3	VISION	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	SHAIK ASHIK ALI	Student		shaikashikali19ec@va
4	ELECTRONIC MOSQUITO REPELLENT	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	B.NIKHILA	Student		bandi.nikhila29@gmai
5	Electronic Mosquito Repellent	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	B.NIKHILA	Student		bandi.nikhila29@gmai

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
6	ENHANCING FUTURE ENGINEERS	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	M Avinash	Student		mavinash20cse@vard
7	DIETITIAN	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	B. shiva rama krishna varma	Student		bollamshivaramakrish
8	VCE Shell- A complete app for students	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	G Umadevi	Student		gumadevi20cse@vard

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
9	Automatic Water Filling Tank	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	M Harikrishna	Student		mudduharikrishna20e
10	Anti sleep aLarm	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	PANDI ASHRITHA REDDY	Student		pandiashrithareddy20
11	SMART SOLAR GRASS CUTTER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Banuka Manoj Kumar	Student		banukamanojkumar20

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
12	ENGINE LOCK SYSTEM WITH ALERT NOTIFICATION	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Gudipati Sneha	Student		gudipatisneha21ec@s
13	Over Speed Limit Alert	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	P Naveenkumar Reddy	Student		panthulanaveenkuma
14	Instant Cooler using Peltier Effect	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Richa Singh	Student		richasingh20ece@var

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
15	instant cooler	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	prerana	Student		preranareddykota20e
16	POWER GENERATION FROM TRASH	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	SIGINAM VINEETH KUMAR	Student		signamvineethkumar
17	Advance Medical Conduct	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	T BhanuPrakash	Student		tammalibhanuprakas

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
18	Advance Medical Conduct	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	T BhanuPrakash	Student		tammalibhanuprakasht
19	Replacement of cement by Sugarcane Bagasse Ash in Concrete	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nalla Indu	Student		nallaindu21ce@stude
20	EMERGENCY CHARGER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	brungikamalbabu	Student		brungikamalbabu19ee

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
21	AQUABYTE	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Mtv pranay chanikya	Student		Maddlaitirumalavenka
22	Social Moisture Detector	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Ganipisetty Virajitha	Student		ganipisettyvirajitha19
23	SPRAYING OF PESTICIDES WITHOU ANY DIRECT CONTACT	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Kalyan Talari	Student	9505729324	Kalyantalari001@gma

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
24	Application of GA and PSO in finding the Optimal parameters in Aluminum Turning Process	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prathi Harshith	Student		prathiharshith19me@
25	AUTOMACTIC STREET LIGHT SYSTEM	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	K VIJAYA BHARADVAJ	Student		kvijayabharadvaj19ee@
26	Anti Suicidal Fan rod	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	K ABHIRAM	Student		abhiramvishwakarma@

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
27	Link-Up	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Valishetti Shiva Ganesh	Student		valishettishivaganesh;
28	Child security system	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Artham Naveen Kumar	Student		arthamnaveenkumar2
29	v-welfare	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Donga Umesh	Student		dongaumesh20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
30	Face Recognition Door Lock	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Varakala Dheeraj Kumar	Student		cometmeteor7@gmail
31	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
32	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
33	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
34	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
35	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
36	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
37	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
38	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
39	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
40	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
41	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
42	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
43	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
44	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
45	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
46	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
47	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
48	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
49	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
50	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
51	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
52	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
53	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
54	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
55	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
56	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
57	Power theft detective system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Anumula Rajini	Student		anumularajini20cse@v
58	Modified Hacksaw	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mantha Siddharth	Student		manthasid@gmail.com
59	Wave Tank Demostration	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	mohammed khaja nawaz	Student		mohammedkhajanawaz

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
60	1 BHK MODEL BY SHEAR WALL TECHNOLOGY	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	BACHU SUKUMAR	Student		bachusukumar19ce@v
61	Low-cost roof tiles using agricultural wastes	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Kongadi Anuradha	Student	9963434928	kongadianuradha21ce
62	wireless charger	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	sanam abhishek	Student		sabhishek20ece@varc

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
63	Travel and Adventure website	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Rashmi Kondaparthi	Student		rashmikondaparthi20i
64	Children monitoring system	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Gorre Srikanth	Student		gorresrikanth20ece@
65	Smart Pen	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Divija Gopika Pamarthy	Student		divijagopikapamarthy.

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
66	Low-cost roof tiles using agricultural wastes	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Kongadi Anuradha	Student	9963434928	kongadianuradha21ce
67	UTILIZATION OF WASTE PLASTIC IN MANUFACTURING OF PAVER BLOCKS	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	EDULA AKHILA	Student		edulaakhila20ce@var
68	WASTE PLASTIC CONCRETE	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	M. KIRAN TEJ REDDY	Student		mkirantejreddy20ce@

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
69	UNDERWATER WIRELESS COMMUNICATION SYSTEM-FOR THE SAFETY OF DIVERS	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	G.MANOJ KUMAR	Student		gangurumanojkumar2
70	Humidit Controlling System On Street lights	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Azmath Noorain	Student		noorainazmath@gmai
71	Aquaculture Monitoring System	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	BAYYARAM HARSHATH KUMAR	Student		bayyaramharshathkun

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
72	ROAD ACCIDENT PREVENTION DUE TO DROWSINESS	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MOHAMMED ABDUL FAISAL HUSSAIN	Student		mohammedabdufaisa
73	Footstep Power Generation	Academic Requirement/Study Project	2021-22	TRL 8 : First of a kind commercial system. Manufacturing issues solved	R. Sindhuja	Student		sindhujaramala@gmail
74	TheRapidBlood	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	U.Yogeeshwar	Student		uppulayogeshwar@gr

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
75	Aspire Services	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sajida Sheikh	Student		captsajidaanjum@gmail.com
76	Aspire Services	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sajida Sheikh	Student		captsajidaanjum@gmail.com
77	GSM HOME SECURITY SYSTEM	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MOHAMMED ADNAN	Student		mohammedadnan20it@gmail.com

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
78	Brake failure indicator	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	BAYYA MOUNIKA	Student		bayyamounika19ee@v
79	Weather station	Independent Assignment/Non-academic Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	ADITYA SREE CHARAN LAMBADI	Student		adityasreecharanlamb
80	linkit marketing	Independent Assignment/Non-academic Study Project	2021-22	TRL 9 : Full commercial application, technology available for consumers	Kommu Cyril	Entrepreneur		kommucyrilrahul@gm

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
81	Renewable Pod (A two way of mini power generation)	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Tumaju Sai Aravind	Student		tumajusaiaaravind20ee
82	women safety device	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	veda manogna nanduri	Student		nandurivedamanogna
83	100 Days of Code	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Sri Harshini	Student		sriharshini20it@vardh

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
84	MULTIPURPOSE AUTOMATED PRODUCTION MACHINE	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	SIGINAM VINEETH KUMAR	Student		signamvineethkumar
85	PICK AND PLACE ROBOT	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Danampally Kishor Kumar Chary	Student		kishordanampally@gr
86	SMART FIRE EXTINGUISHER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	krishna chethan ramadasu	Student		krishnachethanramad

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
87	SMART FIRE EXTINGUISHER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	krishna chethan ramadasu	Student		krishnachethanramad
88	SMART FIRE EXTINGUISHER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	krishna chethan ramadasu	Student		krishnachethanramad
89	SMART FIRE EXTINGUISHER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	krishna chethan ramadasu	Student		krishnachethanramad

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
90	SMART FIRE EXTINGUISHER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	krishna chethan ramadasu	Student		krishnachethanramad
91	SEISMIC ANALYSIS OF HORIZONTALLY IRREGULAR BUILDINGS USING STAAD-PRO SOFTWARE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	A Raghu Vamshidhar Reddy	Student		raghuvamshidhar24@
92	MECHANICAL BEHAVIOUR OF SELF COMPACTING CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH FLY ASH AND GGBS	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Arumulla Bhanu Prasad	Student		arumullabhanuprasad

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
93	SEISMIC ANALYSIS OF HORIZONTALLY IRREGULAR BUILDINGS USING STAAD-PRO SOFTWARE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	A Raghu Vamshidhar Reddy	Student		atheliraghuvamshidha
94	DESIGN AND FABRICATION OF AUTOMATIC WATER TANK CLEANER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	KANDUKURI PRASHANTHKUMAR	Student		kandukuriprashanthku
95	SEISMIC ANALYSIS OF VERTICALLY IRREGULAR STRUCTURE	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	GAALLA SAI KIRAN	Student		gaallasaikiran19ce@v.

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
96	Solar panel cleaning by using car wiper mechanism	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Vadla Sateesh	Student		sathish8991ssk@gmail
97	Effect of Coal Ash on compaction behaviour of clay soil	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Katikem Manasa	Student		katikemmanasa20ce@
98	MODELLING OF PVC GOKART	Academic Requirement/Study Project	2021-22	TRL 9 : Full commercial application, technology available for consumers	CHILAKA NIKHIL	Student		chilakanikhil20me@v

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
99	Android based graphical user interface	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mtv pranay chanikya	Student		Maddlaitirumalavenka
100	A STUDY ON MECHANICAL PROPERTIES OF CONCRETE USING NANO SILICA AS PARTIAL REPLACEMENT OF CEMENT	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Gadiga Sailikitha	Student		gadigasailikitha19ce@
101	VCE Events Management Application	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Umamaheshwar Reddy Baridula	Student		umamaheshwarbaridu

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
102	Lung Cancer Detection using Deep Learning	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Sai Kiran Kotala	Student		saikirankotala@gmail.
103	Power generation through exhaust gases	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Janugani Sainath	Student		januganisainath20mei
104	Density Based Traffic Congestion Control System and Emergency Vehicle Clearance	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Kamuni Drushya	Student		kamunidrushya19ec@

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
105	Flow Meter Sensors for Water Usage Telemetry	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Papishetty SaiSree	Student		PSAISREE19ec@vardh
106	QUESTION PAPER LEAKAGE DETECTION AND ALERT SYSTEM	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	VODNALA PRANITHA	Student		vodnalapranitha20ece
107	AUTO SELECTION OF ANY AVAILABLE PHASE, IN 3 PHASE SUPPLY SYSTEM	Academic Requirement/Study Project	2021-22	TRL 9 : Full commercial application, technology available for consumers	kakileti satya siva	Student		satyasiva949@gmail.c

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
108	Microcontroller based Anaesthesia device	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	pgnanaprasuna	Student		pgnanaprasuna19ec@
109	Temperature controlled fan speed control using Arduino	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Thonta Pavani	Student		thontapavani19ee@v:
110	SMART AGRICULTURAL SYSTEM .This system is used to reduce the usage of pesticides and system notifies values moisture , temperature.	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Kavali varshini	Student		kavalivarshini20ece@

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
111	SMART AGRICULTURE SYSTEM . The system is used to reduce the usage of pesticides and values like moisture, temperature known.	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Kavali varshini	Student		kavalivarshini20ece@
112	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
113	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
114	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
115	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
116	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
117	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
118	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
119	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
120	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
121	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
122	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
123	EPS BEEDS CONCRETE	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Katikem Manasa	Student		Manasagoud8672@gr
124	EPS CONCRETE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	V.SAI PRANITH GOUD	Student		vadlurisaipranithgoud
125	EPS CONCRETE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	V.SAI PRANITH GOUD	Student		vadlurisaipranithgoud

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
126	Automation lightup led strips	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Ata ali khan	Student		obedalikhan12011004
127	Smart shed	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Kandukamula HarshaVardhan Goud	Student		kandukamulaharshav
128	MODULAR SAFETY CIRCUIT FOR SAFE SWITCHING ON OF ROTARY OUTPUT MACHINES AND APPLIANCES	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
129	MINI MOUNTAIN SPRAYER	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	E Ravi Kumar	Faculty		ravikumar.e@vardhan
130	Saline bottle with air vent closure cap	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co
131	Saline bottle with air vent closure cap	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
132	Saline bottle with air vent closure cap	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co
133	Phone case with camera protector	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co
134	Mobile phone case with safety tools holder	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co
135	Stretcher cum bed	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
136	TECHNIQUE AND METHOD FOR POWER ENHANCEMENT OF SOLAR PV SYSTEM WITH AUGMENTATION OF DISTILLED WATER PRODUCTION AND THEREOF	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Dr. B. Praveen Kumar	Faculty		praveenkumar.b@varc
137	VLSI Architecture: Advance and High-Performance VLSI Architecture for Montgomery Modular Multiplication Using CMOS VLSI.	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PramodKumar Aylapogu	Faculty		pramodkumar@vardh
138	Evaluation of Academic Performance in Engineering College using DeepLearning	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Ganesh Bhaiyya Regulwar	Faculty		ganeshregulwar@varc

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
139	Plantation Tool	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nikhila Kathirisetty	Faculty		nikhila@vardhaman.o
140	The Smart Non-Invasive ventilation System for Acute Respiratory Distress Syndrome	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MURUGAPERUMAL KRISHNAMOORTHY	Faculty		murugae@gmail.com
141	UPGRADING FAN FOR POWER GENERATION	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MURUGAPERUMAL KRISHNAMOORTHY	Faculty		murugae@gmail.com

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
142	INTELLIGENT SYSTEM & METHOD TO PROTECT AND SECURE ENVIRONMENT OF PREMISES USING IOT NETWORK	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Dr. MANNAVA YESUBABU	Faculty		mannavababu@vardh
143	PREDICTION OF COMPRESSIVE STRENGTH OF FLY ASHBASED GEOPOLYMER CONCRETE USING ARTIFICIAL INTELLIGENCE (AI) APPROACH	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Dr. G. Mallikarjuna Rao	Faculty		hodcivil@vardhaman.
144	Method of Concrete Production with the Inclusion of Hypo Sludge	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Dr. G. Mallikarjuna Rao	Faculty		hodcivil@vardhaman.

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
145	Single Electron Transistor Intelligent logic for High Reliability of Moore's low power Advanced VLSI.	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr S Karunakaran	Faculty		s.karunakaran@vardh
146	DESIGN AND DEVELOPMENT OF IOT BASED FLYING AND JUMPING LOCOMOTIVE ROBOT FOR KILLING LOCUSTS	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PramodKumar Aylapogu	Faculty		pramodkumar@vardh
147	A Generic Framework for Social Feedback Analysis for organizational growth	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Dr. MANNAVA YESUBABU	Faculty		mannavababu@vardh

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
148	SMART ENERGY HARVESTING THROUGH RECHARGEABLE AND NON RECHARGEABLE SOURCES OF ELECTRICITY BASED ON WSN APPLICATION	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Karuppiah N	Faculty		natarajankaruppiah@
149	A GENERIC FRAMEWORK FOR BUSINESS INNOVATION THROUGH SOCIAL NETWORKS	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Dr. MANNAVA YESUBABU	Faculty		mannavababu@vardh
150	IoT Based Smart Health Monitoring System for Armed Forces	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PramodKumar Aylapogu	Faculty		pramodkumar@vardh

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
151	DESIGN AND DEVELOPMENT OF SMART SECURITY AND SURVEILLANCE SYSTEM	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Ravivarman Shanmugasundaram	Faculty		ravivarman@vardham
152	IOT BASED OPTIMIZATION OF SOLAR POWER GENERATION FOR EFFICIENT MANAGEMENT OF SMART CITIES	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PramodKumar Aylapogu	Faculty		pramodkumar@vardh
153	IOT BASED OPTIMIZATION OF SOLAR POWER GENERATION FOR EFFICIENT MANAGEMENT OF SMART CITIES	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PramodKumar Aylapogu	Faculty		pramodkumar@vardh

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
154	K??l: Vivifying the Modern Agriculture comprising:	Independent Assignment/Non-academic Study Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Dr.G.Suryanarayana	Faculty		suryanarayana_g@var
155	K??l: Vivifying the Modern Agriculture comprising:	Independent Assignment/Non-academic Study Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Dr.G.Suryanarayana	Faculty		suryanarayana_g@var
156	Duster with Chalk holder	Academic Requirement/Study Project	2020-21	TRL 6 : Prototype system tested in intended environment close to expected performance	P Srinivasa Rao	Faculty		professorpsrao@gma

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
157	Face mask with ear muffler	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	P Srinivasa Rao	Faculty		professorpsrao@gma
158	Intelligent Cloud Bursting Scheduling using Machine Learning	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Muni Sekhar Velpuru	Faculty		munisek@vardhaman.
159	Hand Gripper with Army Knife Attachment	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	P Srinivasa Rao	Faculty		professorpsrao@gma

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
160	Cigarette Lighter with Mouth Freshener	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	P Srinivasa Rao	Faculty		professorpsrao@gma
161	Water glass with slider cap	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co
162	Syrup bottle with slider cap	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
163	Coffee Cup with Detachable Handle	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	P Srinivasa Rao	Faculty		professorpsrao@gmail.com
164	FOLDABLE STAIR CLIMBING TROLLEY	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	NATUKULA KALYAN	Student	9912163935	natukulakalyan20me@gmail.com
165	SCALP COOLING SYSTEM	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr J Krishna Chaithanya	Faculty		janapatikrishnachaithanya@gmail.com

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
166	SCALP COOLING SYSTEM	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr J Krishna Chaithanya	Faculty		janapatikrishnachaitha
167	SCALP COOLING SYSTEM	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr J Krishna Chaithanya	Faculty		janapatikrishnachaitha
168	INTELLIGENT MOBILE AAPS: DETECT FACE, FINGER PRINT, VOICE THEN PROVIDE AGE, GENDER, COUNTRY NAME, FULL PROFILE WITH IMAGE	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Muni Sekhar Velpuru	Faculty		munisek@vardhaman.

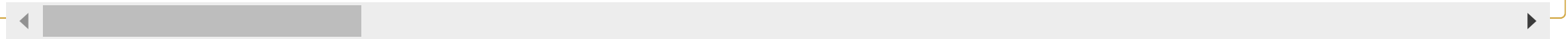
Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
169	TWIN CHAMBER STORAGE DEVICE	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Pathapalli Venkateshwar Reddy	Faculty		mr.pvreddy@gmail.co
170	Cigarette Box with Inbuilt Match Sticks Arrangement	Independent Assignment/Non-academic Study Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	P Srinivasa Rao	Faculty		professorpsrao@gma
171	HOUSE CONSTRUCTION WITH HOME AUTOMATION	Academic Requirement/Study Project	2020-21	TRL 8 : First of a kind commercial system. Manufacturing issues solved	Siddharth Myakala	Student		myakalasiddharth19ce

Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
1	Vstorehub Private Limited	Private Limited Firm (Pvt. Ltd.)	U72901TG2022PTC161560 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810797_ci Innovation7521826.PDF)
2	Rejolt Edtech	Private Limited Firm (Pvt. Ltd.)	U72900TG2022PTC161432 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810797_ci
3	Vra Agri Tech Private Limited	Private Limited Firm (Pvt. Ltd.)	U72200TG2022PTC161810 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810797_ci Place,Business/Management Innovation8151516.pdf)
4	RentEra - The Modern way of Renting	Private Limited Firm (Pvt. Ltd.)	U72200TG2022PTC162097 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810797_ci Place2224328.PDF)

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
5	Yayin AI Lab	Private Limited Firm (Pvt. Ltd.)	U72900TG2020PTC140248 View Document (https://api.mic.gov.in//uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810797_ciPlace7006769.PDF)



Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
1	TRAX S. Society	Corporate/Industry Association	3y	Active	22-10-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
2	Scientech Technology Pvt Ltd	Corporate/Industry Association	3y	Active	09-04-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
3	Hansa Solutions	Corporate/Industry Association	3Y	Active	22-09-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
4	International Blockchain Congress	Corporate/Industry Association	3yrs	Active	03-08-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
5	EPAM Systems India Pvt Ltd	Corporate/Industry Association	3YRS	Active	12-05-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
6	Skill Dzire Technologies Private Limited	Corporate/Industry Association	3Y	Active	22-03-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
7	INFISUM MODELING PVT LTD	Corporate/Industry Association	5	Active	21-09-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
8	Crypto University	Corporate/Industry Association	3yrs	Active	05-05-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
9	Vaanahaa Education and Innovation labs	Educational Institute	3y	Active	03-02-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
10	Bridge Port University	Educational Institute	5yrs	Active	04-03-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
11	Pupilfirst Private Limited	Corporate/Industry Association	3y	Active	12-08-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
12	Spanav EdTech private limited	Corporate/Industry Association	3y	Active	13-09-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
13	RTTC-BSNL, Hyderabad	Govt. Agency (Central)	3y	Active	09-04-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
14	IQZ Designs Pvt. Ltd	Corporate/Industry Association	3Y	Active	16-03-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
15	Maark Civil Engineering Services Pvt. Ltd.	Corporate/Industry Association	3yrs	Active	10-05-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
16	Talent sprint Pvt Ltd	Corporate/Industry Association	3Y	Active	18-12-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
17	KIWIS Eco Laboratories Pvt Ltd	Corporate/Industry Association	3yrs	Active	25-03-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
18	Aarshanano Composite Technologies Private Limited	Corporate/Industry Association	3YRS	Active	21-08-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
19	Coding Ninjas	Corporate/Industry Association	3y	Active	08-06-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
20	R K Engineers	Corporate/Industry Association	3y	Active	29-01-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
21	Google Cloud	Corporate/Industry Association	3y	Active	16-04-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
22	Reliable Environmental Services	Corporate/Industry Association	3Y	Active	14-03-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
23	Cyber Security Centre of Excellence Telangana	Govt. Agency (State)	3yrs	Active	06-06-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
24	Edu Skills	Corporate/Industry Association	3Y	Active	08-04-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
25	Banka Biolo	Corporate/Industry Association	3Y	Active	06-03-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
26	Jadcherla Expressways Pvt. Ltd.	Corporate/Industry Association	4yrs	Active	21-07-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
27	Advance Auto Parts (AAP) Global Capability Centre	Corporate/Industry Association	3yrs	Active	23-06-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
28	DRE Motors	Corporate/Industry Association	3yrs	Active	02-08-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
29	Thakur College of engineering and Technology	Educational Institute	3Y	Active	10-08-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
30	MassMutual	Corporate/Industry Association	3y	Active	23-09-2021	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal
31	GITHUB Campus	Corporate/Industry Association	3y	Active	01-12-2020	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
32	Indian Services Pvt Ltd	Corporate/Industry Association	3yrs	Active	10-02-2022	View (/Uploads/Institute/ARI-C-19650/2021-22/CollaboratExternal

Section 7: Intellectually Property (IP) Generated and Commercialization

7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Internet of Things (IoT) enabled secure smart city application	Copy Right	L-105142/2021	06-07-2021	No
2	CIGARETTE BOX WITH INBUILT MATCH STICKS ARRANGEMENT	Design	342361-001	13-04-2021	No
3	CIGARETTE LIGHTER WITH MOUTH FRESHENER	Design	342362-001	01-04-2022	No
4	COFFEE CUP WITH DETACHABLE HANDLE	Design	342363-001	13-04-2021	No
5	DUSTER WITH CHALK HOLDER	Design	342364-001	13-04-2021	No

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
6	HAND GRIPPER WITH ARMY KNIFE ATTACHMENT	Design	342365-001	05-08-2022	No
7	FACE MASK WITH EAR MUFFLER	Design	342366-001	06-05-2022	No
8	MOBILE PHONE CASE WITH SAFETY TOOLS HOLDER	Design	342367-001	13-04-2021	No
9	PHONE CASE WITH CAMERA PROTECTOR	Design	342368-001	20-05-2022	No
10	SALINE BOTTLE WITH AIR VENT CLOSURE CAP	Design	342369-001	06-05-2022	No
11	STRETCHER CUM BED	Design	342370-001	01-04-2022	No
12	SYRUP BOTTLE WITH SLIDER CAP	Design	342371-001	18-02-2022	No
13	WATER GLASS WITH SLIDER CAP	Design	342372-001	20-05-2022	No
14	Test setup attachment	Design	358642-001	16-02-2022	No

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Hybrid depression detection system	202131031213	12-07-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
2	Artificial intelligent based automated temperature detection system integrated with smart sanitizer dispenser	202141000294	01-04-2021
3	A novel method to detect adversaries using MSOM algorithms longitudinal conjecture model in SCADA network	202141006788	18-02-2021
4	A generic framework for business innovation through social networks	202141010013	10-03-2021
5	Vivifying the modern agriculture	202141011421	17-03-2021
6	Securing human authentication system with three level multi model biometric fusion using artificial neural networks	202141016077	05-04-2021
7	Smart baby monitoring system	202141046113	09-10-2021
8	In an internet of things (IOT) system, A technique for automated wireless network authentication	202141046745	13-10-2021
9	Intelligent printer: Remove the printed text (Color, Black) and print again	202141052140	13-11-2021
10	Automated selective tea leaf bud harvesting machine	202131050477	03-11-2021
11	AOVL - Voltage load protection: Automatic over voltage under voltage load protection and distribution	202041045339	19-10-2020
12	Dis-Micro-inverter: Tetra mode electronic UPS technology	202141002127	07-01-2021
13	Design and development of smart security and surveillance system	202141003615	27-01-2021
14	Smart energy harvesting through rechargable and non rechargable sources of electricity based on WSN application	202141005906	11-02-2021
15	Intelligent mobile aaps: detect face, finger print, voice then provide age, gender, country name, full profile with image	202141005762	11-02-2021
16	Mini mountain sprayers	202141059649	21-12-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
17	Twin chamber storage device	202141007421	22-02-2021
18	A modified particle swarm optimization method to design poly phase orthogonal sequence sets in radar systems	202041000740	07-01-2020
19	5-G mobile network: manage and update IP connection in a 5G mobile network	202041020254	13-05-2020
20	Design and development of IoT based flying and jumping locomotive robot for killing locust	202041028501	04-07-2020
21	I-Side stand: Intelligent side stand for two wheelers	202041029110	08-07-2020
22	IoT based smart health monitoring system for armed forces	202041029563	11-07-2020
23	High level secured confidential data transmission system with crypto-stegano approach	202041039303	11-09-2020
24	An IoT based automatic fatigue and health monitoring system during travel	202041043131	05-10-2020
25	LBRC robotic vehicle RF controlled intelligent vehicle with laser beam arrangement	202041043970	09-10-2020
26	IoT based optimization of solar power generation for efficient management of smart cities	202041046305	23-10-2020
27	Multistage filtration of industrial waste water with automated supervisory control through IoT cloud computing sensory network system (ICCSNS)	202041057084	30-12-2020
28	Using classified text and deep learning intelligent algorithm to identify risk and provide early warning	202121020593	06-05-2021
29	Live streaming of high dynamic range videos for IPTV from IoT cloud computing hub using efficient block based codec (EBBC)	202141004394	01-02-2021
30	Performance enhancement in MIMO-OFDM system using fuzzy interface artificial neural network	202141021389	12-05-2021
31	VLSI architecture: advanced and high performance VLSI architecture for Montgomery modular multiplication using CMOS and VLSI	202141049018	27-10-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
32	Development of advanced prosthetic device for blind amputees	202141051978	12-11-2021
33	SCALP cooling system	202141056744	07-12-2021
34	A smart and painless technique for injection of IV cannula	202141056745	07-12-2021
35	Single electron transistor intelligent logic for high reliability of Moore's low powered advanced VLSI	202141059650	21-12-2021
36	MODULAR SAFETY CIRCUIT FOR SAFE SWITCHING ON OF ROTARY OUTPUT MACHINES AND APPLIANCES	202141025479	08-06-2021
37	AN AUTOMATED THERMAL SCANNER WITH SPEECH RECORDER AND AN ALERT SYSTEM TO AVOID THE TOUCH THEREOF	2020101451	23-07-2020
38	A SMART AND AUTOMATED BEDRIDDEN PATIENT MONITORING SYSTEM OVER THE CLOUD	2020101706	07-08-2020
39	Next Generation Framework for Smart building monitoring using 6LoWPAN	2020102608	06-10-2020
40	AERIAL MANIPULATIVE OMNI DIRECTIONAL DRONES FOR BUILDING CONSTRUCTION	2020102606	06-10-2020
41	AMTH- Biomedical Waste Management: Automatic Method and Technologies for Biomedical Waste Management Including Ayurveda Hospitals Using IoT- Based System	2020102665	10-10-2020
42	AMPI- Hazardous & non-Hazardous Wastes Management: Automatic Method and Process Management for Industrial Hazardous and non-Hazardous Wastes	2020102729	15-10-2020
43	AN IOT BASED LPG CYLINDER WAREHOUSE MONITORING SYSTEM ALONG WITH BOOKKEEPING OF REFILLING OF CYLINDERS	2020102832	17-10-2020
44	AN AUTOMATIC MULTI-FUNCTIONAL LIFE RESCUE FLOOD HOUSE	202041041293	23-09-2020
45	A GENERIC FRAMEWORK FOR SOCIAL FEEDBACK ANALYSIS FOR ORGANIZATIONAL GROWTH	202041055178	18-12-2020
46	SMART CITY INITIATIVES ON SECURE PUBLIC CLOUD USING OPEN HARDWARE AND SOFTWARE STANDARDS	202041008575	28-02-2020

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
47	CREDIT CARD FRAUD DETECTION: INTELLIGENT PROCESS TO CREDIT CARD FRAUD DETECTION USING DEEP LEARNING, MACHINE LEARNING	202041034119	09-08-2020
48	INDOOR AIR QUALITY MONITORING DEVICE USING INTERNET OF THINGS (IOT)	202041033147	03-08-2020
49	CNG/NATURAL GAS KIT DESIGN FOR TWO WHEELERS	202011030786	20-07-2020
50	AADHAAR TRANSPORTS SECURITY: A NOVEL APPROACH TO PROVIDE RELIABLE AND SECURE SERVICES IN PUBLIC TRANSPORTS THROUGH AADHAAR	202041026640	24-06-2020
51	ELECTRIC POWER IS GENERATED BY USING THE THERMAL ENERGY OF AN EXHAUST GAS GENERATED IN A CREMATORY	202041019361	07-05-2020
52	GENERIC, MAPPABLE AND AUTOMATICALLY CONFIGURABLE SINIFICATION SOFTWARE	202041010555	12-03-2020
53	INCREASE THE CACHE MEMORY PERFORMANCE USING NEURAL NETWORKS, MACHINE LEARNING	202011000853	08-01-2020

7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
1	202141059648	Plantation Tool	21-12-2021	Published	2021		
2	202141059649	MINI MOUNTAIN SPRAYER	21-12-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
3	202141059650	Single Electron Transistor Intelligent logic for High Reliability of Moore's low power Advanced VLSI-	21-12-2021	Published	2021		
4	202141058627	PREDICTION OF DISEASE USING A MACHINE LEARNING CLASSIFIER ON A BIG DATA ENVIRONMENT IN HEALTHCARE CO	16-12-2021	Published	2021		
5	202141056744	SCALP COOLING SYSTEM	07-12-2021	Published	2021		
6	202141056745	A SMART AND PAINLESS TECHNIQUE FOR INSERTION OF IV CANNULA	07-12-2021	Published	2021		
7	202141053261	METHOD AND SYSTEM FOR CLIENT BEHAVIOR PREDICTION AND ATTRITION ANALYSIS	19-11-2021	Published	2021		
8	202141052140	INTELLIGENT PRINTER: REMOVE THE PRINTED TEXT (COLOR, BLACK) AND PRINT AGAIN-	13-11-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
9	202141051978	DEVELOPMENT OF ADVANCED PROSTHETIC DEVICE FOR BLIND AMPUTEES	12-11-2021	Published	2021		
10	202141051519	Face Detection and Recognition Using SVM and HOG Technologies	10-11-2021	Published	2021		
11	202141049018	VLSI ARCHITECTURE: ADVANCE AND HIGH-PERFORMANCE VLSI ARCHITECTURE FOR MONTGOMERY MODULAR MULTIPLICATION USING CMOS VLSI	27-10-2021	Published	2021		
12	202141046745	IN AN INTERNET OF THINGS (IOT) SYSTEM, A TECHNIQUE FOR AUTOMATED WIRELESS NETWORK AUTHENTICATION	13-10-2021	Published	2021		
13	202131045842	MENTAL STRESS DETECTION USING IOMT DEVICE AND MACHINE LEARNING	08-10-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
14	202141043256	Smart Traffic Helmet using IoT and Image Processing-	23-09-2021	Published	2021		
15	202141042998	A Novel Method of Power Quality Enhancement in Grid Integrated System using PV-STATCOM	22-09-2021	Published	2021		
16	202111038153	A SYSTEM FOR CLOUD MONITORING AND REPAIR METHOD IN AN IOT NETWORK	23-08-2021	Published	2021		
17	202141037164	A NOVEL BLOCK BASED FEATURE LEVEL IMAGE FUSION SYSTEM USING LWT AND NEURAL NETWORKS	17-08-2021	Published	2021		
18	202121031204	GROUP SIGNATURE BASED SECURITY TECHNIQUE FOR PRIVACY IDENTITY INFORMATION PROTECTION IN BLOCKCHAIN	12-07-2021	Published	2021		
19	202141029536	A SMART AND PAINLESS INTRAVENOUS CANNULATION ASSISTING DEVICE	01-07-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
20	202111028832	IMAGE CONTRAST ENHANCEMENT SYSTEM WITH FUZZY BASED THRESHOLD HISTOGRAM EQUALIZATION	27-06-2021	Published	2021		
21	202141021389	PERFORMANCE ENHANCEMENT IN MIMO-OFDM SYSTEM USING FUZZY INFERENCE ARTIFICIAL NEURAL NETWORK	12-05-2021	Published	2021		
22	202121020593	USING CLASSIFIED TEXT AND DEEP LEARNING INTELLIGENT ALGORITHMS TO IDENTIFY RISK AND PROVIDE EARLY WARNING-	06-05-2021	Published	2021		
23	202111018782	MASSIVE MACHINE TYPE COMMUNICATION TECHNIQUE FOR INSTANT INVENTORY UPDATION IN RETAIL SHOPS USING 5G	23-04-2021	Published	2021		
24	202111017840	VERY FAST WI-FI ELECTRIC VEHICLE CHARGING TECHNOLOGY	16-04-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
25	202141016929	A STORAGE CONTAINER WITH MOVABLE BOTTOM CLOSURE	11-04-2021	Published	2021		
26	202141016519	MOTORIZED ANKLE FOOT DRIVEN CUSTOMIZED PROSTHETIC LEG WITH EXOSKELETON	08-04-2021	Published	2021		
27	202141016077	SECURE HUMAN AUTHENTICATION SYSTEM WITH THREE LEVEL MULTI MODEL BIOMETRIC FUSION USING ARTIFICIAL NEURAL NETWORKS	05-04-2021	Published	2021		
28	202141011421	K??I: VIVIFYING THE MODERN AGRICULTURE	17-03-2021	Published	2021		
29	202141010839	MODULAR CLAMPING DEVICE	15-03-2021	Published	2021		
30	202141010836	SOLAR THERMAL AND PV-T SYSTEMS FOR DOMESTIC APPLICATIONS	15-03-2021	Published	2021		
31	202141010013	A GENERIC FRAMEWORK FOR BUSINESS INNOVATION THROUGH SOCIAL NETWORKS	10-03-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
32	202141009376	AN INTELLIGENT EARPHONE FOR REMOTE HEALTH MONITORING USING ARTIFICIAL INTELLIGENCE	05-03-2021	Published	2021		
33	202141007421	TWIN CHAMBER STORAGE DEVICE	22-02-2021	Published	2021		
34	202141006788	A NOVEL METHOD TO DETECT ADVERSARIES USING MSOM ALGORITHM'S LONGITUDINAL CONJECTURE MODEL IN SCADA NETWORK	18-02-2021	Published	2021		
35	202141006425	A NOVEL METHOD OF POWER REDUCTION IN MODIFIED AES USING BIT ENCRYPTION AND DECRYPTION TRANSITION SCHEME ON FPGA	16-02-2021	Published	2021		
36	202141006165	A SYSTEM AND METHOD FOR ERADICATING THE ACCIDENTS AT STEEP CURVED PATHS	13-02-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
37	202141005906	SMART ENERGY HARVESTING THROUGH RECHARGEABLE AND NON RECHARGEABLE SOURCES OF ELECTRICITY BASED ON WSN APPLICATION	11-02-2021	Published	2021		
38	202141005762	INTELLIGENT MOBILE AAPS: DETECT FACE, FINGER PRINT, VOICE THEN PROVIDE AGE, GENDER, COUNTRY NAME, FULL PROFILE WITH IMAGE-	11-02-2021	Published	2021		
39	202141004394	LIVE STREAMING OF HIGH DYNAMIC RANGE VIDEOS FOR IPTV FROM IOT CLOUD COMPUTING HUB USING EFFICIENT	01-02-2021	Published	2021		
40	202141003615	DESIGN AND DEVELOPMENT OF SMART SECURITY AND SURVEILLANCE SYSTEM	27-01-2021	Published	2021		
41	202141002127	DIS- MICRO-INVERTER: TETRA MODE ELECTRONIC UPS TECHNOLOGY-	17-01-2021	Published	2021		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
42	202141000294	ARTIFICIAL INTELLIGENCE BASED AUTOMATED TEMPERATURE DETECTION SYSTEM INTEGRATED WITH SMART SANITIZER DISPENSER	04-01-2021	Published	2021		
43	202041055801	METHOD FOR PROVIDING ENCRYPTED SECURE COMMUNICATIONS IN NETWORKED INTERNET OF THINGS (IOT) DEVICES	22-12-2020	Published	2020		
44	202041041293	AN AUTOMATIC MULTI-FUNCTIONAL LIFE RESCUE FLOOD HOUSE	23-09-2020	Granted	2020		
45	2020101451	AN AUTOMATED THERMAL SCANNERWITH SPEECH RECORDER AND AN ALERT SYSTEM TO AVOID THE TOUCH THEREOF	23-07-2020	Granted	2020		
46	2020101706	A SMART AND AUTOMATED BEDRIDDEN PATIENT MONITORING SYSTEM OVER THE CLOUD	07-08-2020	Granted	2020		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
47	2020102608	NEXT GENERATION FRAMEWORK FOR SMART BUILDING MONITORING USING 6LoWPAN	06-10-2020	Granted	2020		
48	2020102606	AERIAL MANIPULATIVE OMNI DIRECTIONAL DRONES FOR BULIDING CONSTRUCTION	06-10-2020	Granted	2020		
49	2020102832	AN IoT BASED LPG CYLINDER WAREHOUSE MONITORING SYSTEM ALONG WITH BOOK KEEPING OF REFILLING OF CYLINDERS	17-10-2020	Granted	2020		
50	201941024755	SMART ADVERTISEMENT SYSTEM USING IMAGE PROCESSING AND DEEP LEARNING	21-06-2019	Published	2020		
51	202041055178	A GENERIC FRAMEWORK FOR SOCIAL FEEDBACK ANALYSIS FOR ORGANIZATIONAL GROWTH	18-12-2020	Published	2020		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
52	202041046305	IOT BASED OPTIMIZATION OF SOLAR POWER GENERATION FOR EFFICIENT MANAGEMENT OF SMART CITIES	23-10-2020	Published	2020		
53	202041043970	LBRC- ROBOTIC VEHICLE: RF CONTROLLED INTELLIGENT ROBOTIC VEHICLE WITH LASER BEAM ARRANGEMENT	09-10-2020	Published	2020		
54	202041045339	AOVL- VOLTAGE LOAD PROTECTION: AUTOMATIC OVER VOLTAGE UNDER VOLTAGE LOAD PROTECTION AND DISTRIBUTION-	19-10-2020	Published	2020		
55	202041043131	AN IOT BASED AUTOMATIC FATIGUE AND HEALTH MONITORING SYSTEM DURING TRAVEL	05-10-2020	Published	2020		
56	202041008575	SMART CITY INITIATIVES ON SECURE PUBLIC CLOUD USING OPEN HARDWARE AND SOFTWARE STANDARDS	28-02-2020	Published	2020		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
57	202041039303	HIGH LEVEL SECURED CONFIDENTIAL DATA TRANSMISSION SYSTEM WITH CRYPTO-STEGANO APPROACH	11-09-2020	Published	2020		
58	202041034119	CREDIT CARD FRAUD DETECTION: INTELLIGENT PROCESS TO CREDIT CARD FRAUD DETECTION USING DEEP LEARNING, MACHINE LEARNING-	09-08-2020	Published	2020		
59	202041033147	INDOOR AIR QUALITY MONITORING DEVICE USING INTERNET OF THINGS (IOT)-	03-08-2020	Published	2020		
60	202011030786	CNG-NATURAL GAS KIT DESIGN FOR TWO WHEELERS-	20-07-2020	Published	2020		
61	202041026640	AADHAAR TRANSPORTS SECURITY: A NOVEL APPROACH TO PROVIDE RELIABLE AND SECURE SERVICES IN PUBLIC TRANSPORTS THROUGH AADHAAR-	24-06-2020	Published	2020		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
62	202041029563	IOT BASED SMART HEALTH MONITORING SYSTEM FOR ARMED FORCES	11-07-2020	Published	2020		
63	201841017425	COMPACT LOW POWER AND HIGH SPEED 5:2 COMPRESSOR	09-05-2018	Published	2020		
64	202041028501	DESIGN AND DEVELOPMENT OF IOT BASED FLYING AND JUMPING LOCOMOTIVE ROBOT FOR KILLING LOCUST	04-07-2020	Published	2020		
65	202041019361	ELECTRIC POWER IS GENERATED BY USING THE THERMAL ENERGY OF AN EXHAUST GAS GENERATED IN A CREMATORY	07-05-2020	Published	2020		
66	201841037721	A METHOD FOR THE ANALYSIS OF DYNAMIC BEHAVIOR OF ANCHORED STRUCTURES TO EARTHQUAKE EXCITATIONS	05-10-2018	Published	2020		

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
67	202041010555	GENERIC, MAPPABLE AND AUTOMATICALLY CONFIGURABLE SINIFICATION SOFTWARE	12-03-2020	Published	2020		
68	201841035375	AN ARTIFICIAL INTELLIGENCE (AI) AND INTERNET OF THING (IOT) BASED AUTOMATED AGRICULTURE SYSTEM AND METHOD OF MONITORING	19-09-2018	Published	2020		
69	201841025962	A SYSTEM AND METHOD FOR VEHICLE SPEED CONTROL	12-07-2018	Published	2020		
70	202131031213	Hybrid depression detection system	12-07-2021	Published	2021	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
71	202141046113	Smart baby monitoring system	09-10-2021	Published	2021	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
72	202131050477	Automated selective tea leaf bud harvesting machine	03-11-2021	Published	2021	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
73	202041000740	A modified particle swarm optimization method to design poly phase orthogonal sequence sets in radar systems	07-01-2020	Published	2020	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
74	202041020254	5-G mobile network: manage and update IP connection in a 5G mobile network	13-05-2020	Published	2020	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
75	202041029110	I-Side stand: Intelligent side stand for two wheelers	08-07-2020	Published	2020	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
76	202141025479	MODULAR SAFETY CIRCUIT FOR SAFE SWITCHING ON OF ROTARY OUTPUT MACHINES AND APPLIANCES	08-06-2021	Granted	2021	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
77	202011000853	INCREASE THE CACHE MEMORY PERFORMANCE USING NEURAL NETWORKS, MACHINE LEARNING	08-01-2020	Published	2020	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
78	2020102665	AMTH- Biomedical Waste Management: Automatic Method and Technologies for Biomedical Waste Management Including Ayurveda Hospitals Using IoT- Based System	10-10-2020	Granted	2020	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
79	2020102729	AMPI- Hazardous & non-Hazardous Wastes Management: Automatic Method and Process Management for Industrial Hazardous and non-Hazardous Wastes	15-10-2020	Granted	2020	Co-Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19
80	201741000499	A NOVEL PROCESS FOR SYNTHESIZING HIGH TEMPERATURE LEAD-FREE PIEZOCERAMICS-	01-05-2017	Granted	2021	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-19

7.4) IP Commercialized and Transferred to Industry/Startup

Sr. No.	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Patent/Licence Holder name (Institute Co-ownership is Must)	Technology Transferred to	Name of Licensee	Date of Transferred Technology
No Data Found						

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. JVR Ravindra** (Head of Institute) and **Mr. Sai Venkata Satya Kedar Illa** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute



Dr. JVR Ravindra,
Head of the Institution,
VARDHAMAN COLLEGE OF ENGINEERING,
Hyderabad, Telangana

Nodal officer



Mr. Sai Venkata Satya Kedar Illa ,
Nodal Officer,
VARDHAMAN COLLEGE OF ENGINEERING,
Hyderabad, Telangana