

## 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	No
Institute has Action Plans for Implementation of the I&E Policy	Yes

#### Contact:

Faculty Name:	Dr. Anil Kumar Puppala
Designation:	Professor

## 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)	1,2,3
IIC 2.0 (2019-20)	2
IIC 3.0 (2020-21)	4
IIC 4.0 (2021-22)	3

### Contact:

IIC President of the Institute:	Dr. Udaya Kumar Susarla
Designation:	Principal and Professor

## 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	Preeti Prasada	Advance	0
2	Y.V.N. Phani Kishore	Advance	0
3	OVPR Siva Kumar	Advance	2
4	Ms. Preethi Prasada	Basic	2
5	Dr. Anil Kumar Puppala	Advance	0

<b>Sr. No.</b>	<b>Name of the Faculty IA</b>	<b>Level of Training</b>	<b>No of I&amp;E Expert Talks/Sessions Conducted</b>
6	Sudarshan Rikka	Basic	0
7	Dr. Madhuri Bayya	Basic	0
8	Dr. S. Vallisree	Basic	3
9	Mr. Sandeep	Basic	0
10	A. RAGHU RAMA CHANDRA	Basic	0
11	Dr. Anurag Gautam	Basic	0
12	Dr. Sita Madhavi	Basic	0
13	Mr. M. Anand	Basic	10
14	Odnala Srinivas	Advance	0
15	Dr. Ch. Suresh Vidyasagar	Advance	3
16	SriLakshmi Kamatham	Advance	2
17	M. Shiva Prasad	Basic	0
18	Ms. Madhuri Gupta	Basic	12
19	K Satish Babu	Basic	2
20	Mr. Pradeep Kumar N	Basic	0
21	Dr. Nagamani	Basic	7
22	Dr. Gagan Deep Arora	Basic	0

### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-19593	Yes
HEI Participated in the Smart India Hackathon (2022)	C-19593	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 Number of Contact Hours the Course
1	Design thinking	20EC22P01	2021-22	Core Course	Bachelor	ECE	2	17-01-2022 00:00:00	25-05-2022 00:00:00	129	60
2	Entrepreneurship	20MB02006	2021-22	Core Course	Bachelor, Master	Management Studies	4	02-05-2022 00:00:00	01-10-2022 00:00:00	153	64
3	ElectronicSensors	18EC3204	2020-21	Elective Course	Bachelor	ECE	3	08-03-2021 00:00:00	14-07-2021 00:00:00	129	53

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 Number of Contact Hours the Course
4	Industrial Safety and Hazards	18EE3222	2020-21	Elective Course	Bachelor	EEE	3	08-03-2021 00:00:00	14-07-2021 00:00:00	129	78
5	Machine Learning	18CS4102	2021-22	Elective Course	Bachelor	CSE	3	09-08-2021 00:00:00	22-12-2021 00:00:00	136	52
6	Energy Conservation and Management	16EE4133	2021-22	Elective Course	Bachelor	EEE	3	09-08-2021 00:00:00	22-12-2021 00:00:00	136	52
7	Internet of Things (IoT)	18CS4103	2021-22	Elective Course	Bachelor	CSE	3	09-08-2021 00:00:00	22-12-2021 00:00:00	136	54
8	Management and Organization Behavior	20MB01001	2021-22	Core Course	Master	Department of Management Studies	4	06-12-2021 00:00:00	30-04-2022 00:00:00	145	64
9	Project and Finance Management	16MB4201	2020-21	Core Course	Bachelor	Humanities and Social Sciences	3	01-03-2021 00:00:00	03-07-2021 00:00:00	125	64
10	Big Data Analytics	16CS4201	2020-21	Elective Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	01-03-2021 00:00:00	03-07-2021 00:00:00	125	64

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 Number of Contact Hours the Course
11	Machine Learning	16CS4202	2020-21	Elective Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	01-03-2021 00:00:00	03-07-2021 00:00:00	125	64
12	Entrepreneurship	16MB4251	2020-21	Core Course	,Bachelor	Humanities and Social Sciences including Management courses	3	01-03-2021 00:00:00	03-07-2021 00:00:00	125	64
13	Mobile Application Development	16CS4103	2020-21	Core Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	17-08-2020 00:00:00	06-02-2021 00:00:00	174	64
14	Cloud Computing Security and Analytics	16CS4104	2020-21	Core Course	Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	17-08-2020 00:00:00	06-02-2021 00:00:00	174	64
15	Soft Computing	16CS4108	2020-21	Elective Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	17-08-2020 00:00:00	06-02-2021 00:00:00	174	64
16	Management Organization Behavior	20MB01001	2020-21	Core Course	Master	Management Studies	4	28-12-2020 00:00:00	12-05-2021 00:00:00	135	64

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 Number of Contact Hours the Course
17	Managerial Economics	20MB01003	2021-22	Core Course	Master	Management Studies	4	06-12-2021 00:00:00	30-04-2022 00:00:00	145	64
18	Financial Accounting and Analysis	20MB01004	2020-21	Core Course	Master	Management Studies	4	28-12-2020 00:00:00	12-05-2021 00:00:00	135	64
19	Data Analytics	20MB01005	2020-21	Core Course	Master	Management Studies	4	28-12-2020 00:00:00	12-05-2021 00:00:00	135	64
20	Business Data Analysis Lab	20MB01L01	2020-21	Core Course	Master	Management Studies	3	28-12-2020 00:00:00	22-04-2021 00:00:00	116	64
21	Human Resource Management	20MB02001	2020-21	Core Course	Master	Management Studies	4	12-05-2021 00:00:00	17-09-2021 00:00:00	129	64
22	Marketing Management	20MB02002	2020-21	Core Course	Master	Management Studies	4	12-05-2021 00:00:00	17-09-2021 00:00:00	129	64
23	Financial Management	20MB02003	2020-21	Core Course	Master	Management Studies	4	12-05-2021 00:00:00	17-09-2021 00:00:00	129	64

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 Number of Contact Hours the Course
24	MIS and ERP	20MB02004	2020-21	Core Course	Master	Management Studies	4	12-05-2021 00:00:00	29-09-2021 00:00:00	141	64
25	Quantitative Analysis For Business Decisions	20MA02005	2020-21	Core Course	Master	Management Studies	4	12-05-2021 00:00:00	17-09-2021 00:00:00	129	64
26	Entrepreneurship	20MB02006	2020-21	Core Course	Master	Management Studies	4	12-05-2021 00:00:00	17-09-2021 00:00:00	129	64
27	Research Methodology and Statistical Analysis	20MB03001	2021-22	Core Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
28	Operations Management	20MB03002	2021-22	Core Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
29	Strategic Management	20MB04001	2021-22	Core Course	Master	Management Studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64
30	Managerial Economics	20MB01003	2020-21	Core Course	Master	Management Studies	4	28-12-2020 00:00:00	12-05-2021 00:00:00	135	64



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 Number of Contact Hours the Course
31	Financial Accounting and Analysis	20MB01004	2021-22	Core Course	Master	Management Studies	4	06-12-2021 00:00:00	30-04-2022 00:00:00	145	64
32	Data Analytics	20MB01005	2021-22	Core Course	Master	Management Studies	4	06-12-2021 00:00:00	30-04-2022 00:00:00	145	64
33	Design Thinking	20CE12P01	2021-22	Core Course	Bachelor	Department of Civil Engineering	2	25-04-2022 00:00:00	08-09-2022 00:00:00	137	64
34	Design Thinking	20CE12P01	2020-21	Core Course	Bachelor	Department of Civil Engineering	2	26-03-2021 00:00:00	13-09-2021 00:00:00	172	64
35	Web Technologies	20CS22004	2021-22	Core Course	Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	27-01-2022 00:00:00	23-05-2022 00:00:00	117	64
36	Design Thinking	20CS22P01	2021-22	Core Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	27-01-2022 00:00:00	01-05-2022 00:00:00	95	64
37	Artificial Intelligence	18CS3103	2021-22	Core Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	27-01-2022 00:00:00	01-05-2022 00:00:00	95	64

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 Number of Contact Hours the Course
38	Internet of Things	18CS4103	2021-22	Core Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	09-08-2021 00:00:00	10-12-2021 00:00:00	124	64
39	Data Analytics	18CS4101	2021-22	Core Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	09-08-2021 00:00:00	10-12-2021 00:00:00	124	64
40	Deep Learning	18CS4111	2021-22	Elective Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	09-08-2021 00:00:00	10-12-2021 00:00:00	124	64
41	Project Management and Finance	18MB4204	2021-22	Elective Course	Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	17-01-2022 00:00:00	13-05-2022 00:00:00	117	64
42	Supply chain Management	18MB3236	2021-22	Elective Course	,Bachelor	Humanities and Social Sciences including Management courses	3	30-08-2021 00:00:00	30-12-2021 00:00:00	123	64
43	Entrepreneurship	18MB4246	2021-22	Core Course	,Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	17-01-2022 00:00:00	01-05-2022 00:00:00	105	64

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 Num of Conta Hours the Cours
44	Research Methodology and Statistical Analysis	18MB0301	2020-21	Core Course	Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
45	Operations Management	18MB0302	2020-21	Core Course	,Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
46	Intellectual Property Rights	18MB0306	2020-21	Core Course	Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
47	Risk management	18MB0310	2020-21	Elective Course	Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
48	Performance management	18MB0313	2020-21	Elective Course	Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
49	Financial institutions Markets and Services	18MB0312	2020-21	Elective Course	Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
50	Learning and Development	18MB0314	2020-21	Elective Course	,Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64

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 Number of Contact Hours the Course
51	Strategic investment and financial decisions	18MB0409	2020-21	Elective Course	Master	Management Studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
52	Talent and Knowledge Management	20MB04006	2021-22	Elective Course	Master	Management Studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64
53	Talent and Knowledge Management	18MB0412	2020-21	Elective Course	Master	Management Studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
54	International financial management	18MB0410	2020-21	Elective Course	Master	Management Studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
55	International Human Resource Management	18MB0413	2020-21	Elective Course	Master	Management Studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
56	Financial derivatives	18MB0411	2020-21	Elective Course	Master	Management studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
57	Leadership and Change Management	18MB0414	2020-21	Elective Course	Master	Mangement studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64

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 Number of Contact Hours the Course
58	Strategic Management Accounting	20MB03007	2021-22	Elective Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
59	Performance Management	20MB03010	2021-22	Elective Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
60	Security Analysis and Portfolio Management	20MB03008	2021-22	Elective Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
61	Learning and Development	20MB03011	2021-22	Elective Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
62	Financial Institutions Markets and Services	20MB03009	2021-22	Elective Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
63	Employee Relations	20MB03012	2021-22	Elective Course	Master	Management Studies	4	20-09-2021 00:00:00	19-01-2022 00:00:00	122	64
64	Strategic Investment and Financing decisions	20MB04003	2021-22	Elective Course	Master	Management Studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64

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 Number of Contact Hours the Course
65	Security Analysis and Portfolio Management	18MB0311	2020-21	Elective Course	Master	Management Studies	4	01-09-2020 00:00:00	20-02-2021 00:00:00	173	64
66	Strategic Management	18MB0401	2020-21	Core Course	Master	Management Studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
67	Supply Chain Management	18MB0405	2020-21	Core Course	Master	Management Studies	4	22-02-2021 00:00:00	19-07-2021 00:00:00	147	64
68	Business Law and Environment	20MB01002	2020-21	Core Course	Master	Management Studies	4	28-12-2020 00:00:00	12-05-2021 00:00:00	135	64
69	Indian Ethos and Management Ethics	20MB01006	2020-21	Core Course	Master	Management Studies	3	28-12-2020 00:00:00	12-05-2021 00:00:00	135	48
70	Functional English	20EN01007	2020-21	Core Course	Master	Management Studies	3	28-12-2020 00:00:00	12-05-2021 00:00:00	135	48
71	Business Communication Lab	20EN02L01	2021-22	Core Course	Master	Management Studies	2	02-05-2022 00:00:00	01-10-2022 00:00:00	153	32

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 Number of Contact Hours the Course
72	Business Communication Lab	20EN02L01	2020-21	Core Course	Master	Management Studies	2	12-05-2021 00:00:00	29-09-2021 00:00:00	141	32
73	International Business	20MB03004	2021-22	Core Course	Master	Management Studies	3	20-09-2021 00:00:00	19-01-2022 00:00:00	122	48
74	International Business	20MB03004	2021-22	Core Course	Master	Management Studies	3	20-09-2021 00:00:00	19-01-2022 00:00:00	122	48
75	International Financial Management	20MB04004	2021-22	Elective Course	Master	Management Studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64
76	Intentional Human Resource Management	20MB04007	2021-22	Elective Course	Master	Management Studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64
77	Financial Derivatives	20MB04005	2021-22	Elective Course	Master	Management Studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64
78	Leadership and Change Management	20MB04008	2021-22	Elective Course	Master	Management studies	4	20-01-2022 00:00:00	02-07-2022 00:00:00	163	64

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 Number of Contact Hours the Course
79	Business Law and Environment	20MB01002	2021-22	Core Course	Master	Management Studies	4	06-12-2021 00:00:00	30-04-2022 00:00:00	145	64
80	Indian Ethos and Management Ethics	20MB01006	2021-22	Core Course	Master	Management Studies	4	06-12-2021 00:00:00	30-04-2022 00:00:00	145	64
81	Indian Ethos and Management Ethics	20MB01006	2021-22	Core Course	Master	Management Studies	3	06-12-2021 00:00:00	30-04-2022 00:00:00	145	48
82	Human Resource Management	20MB02001	2021-22	Core Course	Master	Management Studies	4	02-05-2022 00:00:00	01-10-2022 00:00:00	153	64
83	Marketing Management	20MB02002	2021-22	Core Course	Master	Management Studies	4	02-05-2022 00:00:00	01-10-2022 00:00:00	153	64
84	Financial Management	20MB02003	2021-22	Core Course	Master	Management Studies	4	02-05-2022 00:00:00	01-10-2022 00:00:00	153	64
85	MIS and ERP	20MB02004	2021-22	Core Course	Master	Management Studies	4	02-05-2022 00:00:00	01-10-2022 00:00:00	153	64



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 Num of Conta Hours the Cours
86	Quantitative Analysis For Business Decisions	20MA02005	2021-22	Core Course	Master	Management Studies	4	02-05-2022 00:00:00	01-10-2022 00:00:00	153	64
87	Machine Learning	18CS4102	2021-22	Core Course	Bachelor	COMPUTER SCIENCE AND ENGGINERING	3	09-08-2021 00:00:00	10-12-2021 00:00:00	124	64
88	Business Data Analysis Lab	20MB01L01	2021-22	Core Course	Master	Management Studies	2	06-12-2021 00:00:00	30-04-2022 00:00:00	145	32
89	Machine Learning	20MCS104	2020-21	Elective Course	,Master	COMPUTER SCIENCE AND ENGINEERING	3	16-12-2020 00:00:00	03-04-2021 00:00:00	109	48
90	Data Analytics	20MCS205	2020-21	Elective Course	,Master	COMPUTER SCIENCE AND ENGINEERING	3	26-04-2021 00:00:00	14-08-2021 00:00:00	111	48
91	Business Analytics	20MOE301	2020-21	Elective Course	,Master	COMPUTER SCIENCE AND ENGINEERING	3	16-12-2020 00:00:00	03-04-2021 00:00:00	109	48

## 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	Machine Learning Algorithms for Dead Time Systems	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Department of ECE GCET	01-01-2021 00:00:00	08-01-2021 00:00:00	8	40
2	REVIT Software	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Short term training program	19-05-2021 00:00:00	28-05-2021 00:00:00	10	60
3	ETABS Software	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Department of Civil Engineering	19-07-2021 00:00:00	28-07-2021 00:00:00	10	60
4	REVIT Software	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Department of Civil Engineering	04-07-2022 00:00:00	14-07-2022 00:00:00	11	60
5	Training Program on IBM Analytics Tools	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	26-03-2021 00:00:00	30-03-2021 00:00:00	5	30
6	FDP on Deep Learning and AI Applications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	02-08-2021 00:00:00	10-08-2021 00:00:00	9	54

<b>Srno</b>	<b>Title of Course</b>	<b>Academic Year</b>	<b>Type of Certificate Program</b>	<b>Certificate Program/MDP/FDP/EDP Sponsored/Supported by</b>	<b>Certificate Program Offering Department/ Centre/ Unit Name</b>	<b>Program Start Date</b>	<b>Program End Date</b>	<b>Total Duration of the Course (in Days)</b>	<b>Total Numbers of Contact Hours of the Course</b>
7	FDP on Big Data Analytics	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	08-11-2021 00:00:00	13-11-2021 00:00:00	6	36
8	FDP on Design Thinking	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	24-01-2022 00:00:00	29-01-2022 00:00:00	6	36
9	Bridging the gap between strategy design and delivery	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	26-04-2020 00:00:00	17-05-2020 00:00:00	22	30
10	Electronic CKT Analysis with MATLAB	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	DEPARTMENT OF PHYSICS	27-12-2021 00:00:00	01-01-2022 00:00:00	6	30
11	Role of Statistics in Machine Learning and Data Science	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	DEPARTMENT OF MATHEMATICS	29-11-2021 00:00:00	04-12-2021 00:00:00	6	36
12	Qualitative Research Methods	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	07-06-2020 00:00:00	28-06-2020 00:00:00	22	30

<b>Srno</b>	<b>Title of Course</b>	<b>Academic Year</b>	<b>Type of Certificate Program</b>	<b>Certificate Program/MDP/FDP/EDP Sponsored/Supported by</b>	<b>Certificate Program Offering Department/ Centre/ Unit Name</b>	<b>Program Start Date</b>	<b>Program End Date</b>	<b>Total Duration of the Course (in Days)</b>	<b>Total Numbers of Contact Hours of the Course</b>
13	e-Learning Ecologies Innovative Approaches to Teaching and Learning for the Digital Age	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	22-10-2020 00:00:00	12-11-2020 00:00:00	22	30
14	Introduction to Search Engine Optimization	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	14-11-2020 00:00:00	05-12-2020 00:00:00	22	30
15	Social Media Advertising	2021-22	Short-term Certificate Program	Self Sponsored/Supported	GCET	01-06-2021 00:00:00	20-06-2021 00:00:00	20	30
16	Organizational Happyness Crystallization of self by integrating- Body Mind and Soul	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	GCET	07-12-2020 00:00:00	11-12-2020 00:00:00	5	30
17	Design Thinking	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	GCET	14-12-2020 00:00:00	18-12-2020 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
18	Advance and Innovative approaches in Management	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	GCET	05-07-2021 00:00:00	09-07-2021 00:00:00	5	30
19	Enabling Entrepreneurship and Start-Up Mindset	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	GCET	19-07-2021 00:00:00	23-07-2021 00:00:00	5	30
20	Digital Marketing	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	GCET	26-07-2021 00:00:00	30-07-2021 00:00:00	5	30
21	National Level Workshop in Advanced Excel	2021-22	Short-term Certificate Program	Self Sponsored/Supported	GCET	02-07-2022 00:00:00	16-07-2022 00:00:00	15	30
22	Impressing Venture Capitalists	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Management Studies	01-08-2021 00:00:00	06-08-2021 00:00:00	6	30
23	The Language and Tools of Financial Analysis	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	16-08-2020 00:00:00	20-10-2020 00:00:00	66	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
24	Firm Level Economics Consumer and Producer Behavior	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	22-06-2020 00:00:00	27-10-2020 00:00:00	128	30
25	Understanding Financial Markets	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	29-10-2020 00:00:00	12-11-2020 00:00:00	15	30
26	Quantitative Methods	2020-21	Short-term Certificate Program	Self Sponsored/Supported	GCET	16-06-2020 00:00:00	30-06-2020 00:00:00	15	30
27	Financial Markets	2021-22	Short-term Certificate Program	Self Sponsored/Supported	GCET	07-06-2020 00:00:00	28-10-2020 00:00:00	144	30
28	Understanding Financial Markets	2021-22	Short-term Certificate Program	Self Sponsored/Supported	GCET	29-10-2020 00:00:00	11-11-2020 00:00:00	14	30
29	Five-Day FDP on NAAC accreditation process	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	MS Ramaiah Institute of Technology Bengaluru	04-06-2020 00:00:00	08-06-2020 00:00:00	5	30

<b>Srno</b>	<b>Title of Course</b>	<b>Academic Year</b>	<b>Type of Certificate Program</b>	<b>Certificate Program/MDP/FDP/EDP Sponsored/Supported by</b>	<b>Certificate Program Offering Department/ Centre/ Unit Name</b>	<b>Program Start Date</b>	<b>Program End Date</b>	<b>Total Duration of the Course (in Days)</b>	<b>Total Numbers of Contact Hours of the Course</b>
30	Universal Human Values- by AICTE (India) Incorporating Universal Human Values in Education	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	GCET	23-07-2020 00:00:00	27-07-2020 00:00:00	5	30
31	UGC-HRDC SPPU (Pune University) on Development Delivery and Evaluations of E-contents	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	GCET	03-08-2020 00:00:00	07-08-2020 00:00:00	5	30
32	FDP on Innovation Management	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	GCET	10-10-2020 00:00:00	14-10-2020 00:00:00	5	30
33	Faculty Development Program on Social Enterprise Management	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	GCET	19-10-2020 00:00:00	23-10-2020 00:00:00	5	30
34	FDP on Demystifying Financial Risk Management	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	GCET	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
35	Universal Human Values II- by AICTE (India) Incorporating Universal Human Values in Education	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	GCET	23-05-2022 00:00:00	28-05-2022 00:00:00	6	30
36	New Challenges In Business Management Post Covid Pandemic Scenario	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	GCET	25-05-2020 00:00:00	01-06-2020 00:00:00	8	30
37	one week online refresher course on Bahartiya Chaitanyam	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	GCET	29-06-2020 00:00:00	05-07-2020 00:00:00	7	30
38	FDP on Research Methodology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	GCET	13-07-2020 00:00:00	17-07-2020 00:00:00	5	30
39	Management Euphoria- Student led 1 week online event	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	GCET	24-05-2021 00:00:00	31-05-2021 00:00:00	8	30



<b>Srno</b>	<b>Title of Course</b>	<b>Academic Year</b>	<b>Type of Certificate Program</b>	<b>Certificate Program/MDP/FDP/EDP Sponsored/Supported by</b>	<b>Certificate Program Offering Department/ Centre/ Unit Name</b>	<b>Program Start Date</b>	<b>Program End Date</b>	<b>Total Duration of the Course (in Days)</b>	<b>Total Numbers of Contact Hours of the Course</b>
40	workshop on Machine Learning	2020-21	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	27-08-2020 00:00:00	01-10-2020 00:00:00	36	35
41	Virtusa Training Programme	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	06-11-2021 00:00:00	30-03-2022 00:00:00	145	100
42	Cognizant Specific Training by SixPhrase	2020-21	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	01-10-2020 00:00:00	10-10-2021 00:00:00	375	50
43	DXC Training by SixPhrase	2020-21	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	26-07-2020 00:00:00	04-08-2020 00:00:00	10	50
44	VIRTUSA Ambassador	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	04-02-2022 00:00:00	06-04-2022 00:00:00	62	40
45	Skill development Training for placements and innovation	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	17-01-2022 00:00:00	25-04-2022 00:00:00	99	150

## 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	Govt. Schemes
1	IEDC	IEDC	Ms. Preeti Prasada	
2	New Gen IEDC	New Gen IEDC	Dr. Ch. Suresh Vidyasagar	null
3	Startup Cell	Startup Cell	Dr. G. Vallathan	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a
4	Tinkering Lab	Tinkering Lab	Mr. Anand	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
5	Innovation Cell	Industry Institute Interaction Cell	OVRP Siva Kumar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
6	EDC	Entrepreneurship Development Cell	Preeti Prasada	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

<b>Sr. No.</b>	<b>Type of the Unit</b>	<b>Name of Unit</b>	<b>In-charge Name</b>	<b>Govt. Schemes</b>
7	Innovation Cell	Centre of Excellence in VLSI Design	G. Sree Lakshmi	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a
8	Innovation Cell	Centre of Excellence in IoT and Embedded Systems	Prof. K. Somasekhara Rao	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a
9	Innovation Cell	Centre for Advancement of Career Guidance and Human Excellence (CACHE)	Dr.Madhuri Bayya	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a
10	Innovation Cell	GNSS and LIDAR - SERB Sponsored Lab	Dr. V. Satya Srinivas	Mentoring Support,Seed Grant Support
11	Innovation Cell	Embedded Systems Lab	Ch. Sandeep	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
12	Innovation Cell	Nanotechnology Lab - DRDO Sponsored	Dr. S. Udaya Kumar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
13	Innovation Cell	Virtusa Centre of Excellence	Dr.G. Kalyani	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

<b>Sr. No.</b>	<b>Type of the Unit</b>	<b>Name of Unit</b>	<b>In-charge Name</b>	<b>Govt. Schemes</b>
14	Innovation Cell	Design Thinking club	Dr. B. Nagamani	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
15	Innovation Cell	Creative Club	M. Vijay Bhasker Reddy	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
16	Innovation Cell	Srujanastra Club	M. Laxmi	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
17	Innovation Cell	Cyber Security Club	K.Vijay Kumar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
18	Innovation Cell	Data Science Club	P.Sangeetha	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
19	Innovation Cell	Internet of Things Club	G.Y.Vybhavi	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
20	Innovation Cell	Coding Club	M. Keerthi	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

<b>Sr. No.</b>	<b>Type of the Unit</b>	<b>Name of Unit</b>	<b>In-charge Name</b>	<b>Govt. Schemes</b>
21	Innovation Cell	Robotics Club	G. Praveen Kumar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
22	Start-Up Cell	Solar Club	M. Prashanth Kumar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
23	Innovation Cell	IEEE SB	S. Jyothirmayee	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
24	Innovation Cell	IETE SB	Dr. U. Appalaraju	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
25	Innovation Cell	ISTE SB	Dr. J. Shankar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
26	Innovation Cell	IBM Software Lab for Emerging Technologies	Dr. A. Sri Lakshmi	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
27	Innovation Cell	AI & ML club	Shaik Akbar	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Govt. Schemes
28	Innovation Cell	Code Warrriors Club	K. Padmaja	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

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

Sr. No.	Name of Unit	In-charge Name	Govt. Schemes
1	GEENOVATE FOUNDATION	Dr. Anil Kumar Puppala	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	Govt. Schemes
1	IPR Cell	IPR Cell	Dr. V. Satya Srinivas	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage),Investment - Angel a

## 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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
1	Fall Detection System for the Elderly	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Vaishnavi Varaganti	Alumni	0	0
2	VEHICLE NUMBER PLATE RECOGNITION USING EXISTING SURVEILLANCE CCTV CAMERAS	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	T. Shailendra Sainath	Student	0	0
3	MULTIPLE AXIS GRAB CUM MAGNETIC CRANE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	A. Lithun Reddy	Student	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
4	Magnetic crawler for Visual Inspection	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	P. Tharun	Student	0	0
5	MARK XX EXOSKELETON	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	MANDAPALLI TEJA APOORVA	Student	0	0
6	SOLAR GRASS CUTTING MACHINE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	p.sai shiva kumar	Student	0	0



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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
7	REDESIGNING OF SIGNAL NEAR ECIL CROSSROADS WITH THE AID OF 'C' PROGRAMMING USING THE WEBSTER METHOD"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	AKELLA N S V S L KRISHNAJA	Alumni	0	0
8	FOOD RECYCLING MACHINE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	V.Keshav Reddy	Student	0	0
9	Surgical Robot	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	ANCHURI HARISH KUMAR GUPTA	Student	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
10	Pneumatic Drive based Vehicle	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	PAGIDOJU PREM CHAND	Student	0	0
11	PRIO	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	T. Dharma Nithin	Student	0	0
12	KNEE EXOSKELETON	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	VEMPATI ARAVIND	Student	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
13	BRAKE PAD AND BELT DRIVE LIFE MONITORING SYSTEM FOR AUTOMOBILES	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	GVVS Murthy	Student	0	0
14	SANITARY PADS VENDING MACHINE	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Balne saketh	Student	0	0
15	WIFI & BLUETOOTH CONTROLLED SANITIZER ROBOT	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	U. LIKITH KUMAR	Student	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
16	Identification of online fake content	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sri Kirthana N	Student	0	0
17	Biometric authentication and security with aerial surveillance system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Lakshmi Shreya Ivaturi	Student	30760	30760
18	Train Accident Avoidance Using Piezo Sensors	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	KANAKARI AKASH	Student	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
19	Development of nano-composite materials for EMI applications	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prof Dr. Udaya Kumar Susarla	Faculty	45.81	0
20	Biometric authentication with aerial surveillance	Academic Requirement/Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	J Manish	Student	0	0
21	SMART DOOR LOCK SYSTEM CONTROL USING FACIAL RECOGNITION	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Jaya Vamsi Krishna	Alumni	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
22	AI Chat Bot	Independent Assignment/Non-academic Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Nandini Laxmi Priya G	Student	0	0
23	Viper 10S	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Myson Sunny Raj	Student	70000	70000
24	Biometric Authentication Voting Machine	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Lakshmi Shreya Ivaturi	Student	0	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
25	unbio smart dustbin	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	N S Praneeth	Student	0	0
26	AUTOMATED SEED SOWING MACHINE	Academic Requirement/Study Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	ADDA AAHLAAD	Student	0	0
27	RED MUD	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	ARAVELLI SRI CHARAN	Alumni	10000	0

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	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubatic
28	OrderHood	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	D Sree Sai Soujanya	Student	0	0
29	FOLDABLE ELECTRIC GO KART	Academic Requirement/Study Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	PRASHANTH GAJAM	Student	0	0

## 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	SAMYAGDRUSHTI SURVEILLANCE PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U31900TG2022PTC161236  <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201">https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201</a> )
2	AUTOMOTIVE WHEELS PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U31904TG2021PTC150207  <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201">https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201</a> )
3	RETRO-E VEHICLES PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U29190TG2021PTC149993  <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201">https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201</a> )
4	ZWEIRAD ELECTRIC PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U29190TG2021PTC149993  <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201">https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201</a> )

## 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
1	Virtusa Consulting Services Pvt.Ltd	Corporate/Industry Association	3	Active	01-10-2021
2	BRAINOVISION SOLUTIONS PVT LTD	Corporate/Industry Association	3Y	Active	12-05-2022
3	Entuple Technologies Private Limited	Non Govt. Agency	3	Active	09-08-2021
4	ABTECHVILLELLP	Corporate/Industry Association	1Y	Active	17-08-2022
5	Canter CADD	Corporate/Industry Association	3	Active	18-08-2022
6	ACCELQ Inc	Corporate/Industry Association	3	Active	18-06-2022
7	EPAM System India Private Ltd.	Corporate/Industry Association	1	Active	12-05-2022
8	Nilaya Architects, Structural Consultants & Constructions Hyderabad	Corporate/Industry Association	3	Active	23-03-2022

<b>Sr. No.</b>	<b>Collaborated Agency Name</b>	<b>Collaborated Agency Type</b>	<b>Period of Collaboration (No. of Years)</b>	<b>Current Status of Collaboration</b>	<b>Date of MOU / Agreement Signed on</b>
9	Indian Railways Institute of signal Engineering and Telecommunication	Govt. Agency (Central)	5	Active	19-07-2022
10	THub	Incubation Unit	1	Active	01-08-2021
11	Oracle Academy	Corporate/Industry Association	1	Active	31-10-2021
12	Design Labs	Corporate/Industry Association	3	Active	18-08-2022
13	Hanbit Automation Technologies Private Limited	Non Govt. Agency	5	Active	08-04-2020
14	Data Security Council of India (DSCI)	Corporate/Industry Association	3	Active	09-12-2020
15	Wipro Talent Next	Corporate/Industry Association	1	Active	05-11-2020
16	Data Control and solution Private Limited	Non Govt. Agency	5	Active	01-08-2022
17	LED Chip Indus Private Limited	Non Govt. Agency	5	Active	01-08-2022
18	AMZ Automotive	Corporate/Industry Association	3	Active	20-08-2020
19	Deccan Engineers	Corporate/Industry Association	3	Active	03-08-2020
20	Reliable Environmental Services	Non Govt. Agency	3	Active	07-02-2020

## 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?
No Data Found					

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	MRI BRAIN SEGMENTATION -IMAGE PROCESSING PROJECT- MATLAB	202141059185	18-12-2021
2	THE AUTOMATED TITRATOR	202141061676	30-12-2021

### 7.3 & 7.4) 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
1	202141057461	SMART DRINKING WATER SYSTEM	12-10-2021	Published	2021	
2	202141055962	FOOD ADULTERATION DETECTION SYSTEM USING MACHINE LEARNING, IOT AND GSM MODULE	12-02-2021	Published	2021	

<b>Sr. No.</b>	<b>Patent Registration Application No</b>	<b>Patent Title</b>	<b>Patent Application Date</b>	<b>Status of Patent Applications</b>	<b>Patent Published / Granted Calendar Year</b>	<b>Institute applied the Patent as</b>
3	202141055443	ALGORITHMS FOR IMPROVING THE COMPUTING POWER OF NEXT GENERATION WIRELESS RECEIVERS	30-11-2021	Published	2021	
4	202141054774	A DEEP LEARNING FRAMEWORK WITH SLIC ALGORITHM AND U NET CNN FOR BRAIN TUMOR DETECTION	26-11-2021	Published	2021	
5	202121041051	CYBER THREAT IDENTIFICATION USING DEEP LEARNING.	09-10-2021	Published	2021	
6	202141030581	A NOVEL SOLAR POWERED MULTIPURPOSE AGRICULTURAL ROBOT FOR EFFICIENT FARMING	07-07-2021	Published	2021	
7	202141027587	AUTOMATIC INTELLIGENT DETECTION OF CANCER USING MACHINE LEARNING	21-06-2021	Published	2021	
8	202141020989	CROWD DETECTION CAMERA TO SPEKE THE MAINTAIN AND IDENTIFY THE SUSPECT USING AI-BASED PROGRAMMING.	05-10-2021	Published	2021	
9	202141019699	IOT ENABLED AIR COOLER (IOT E-A.C)	29-04-2021	Published	2021	
10	202141018076	A FRAMEWORK FOR INTELLIGENT ASSESSMENT OF SENTIMENTS ON TWEETS OF INDIAN RAILWAYS	19-04-2021	Published	2021	
11	202141018064	FUZZY MULTI-ATTRIBUTE DECISION MAKING, DATA ENVELOPMENT ANALYSIS AND MACHINE LEARNING TECHNIQUES TO RANK AND CLASSIFY WEB SERVICES	19-04-2021	Published	2021	

<b>Sr. No.</b>	<b>Patent Registration Application No</b>	<b>Patent Title</b>	<b>Patent Application Date</b>	<b>Status of Patent Applications</b>	<b>Patent Published / Granted Calendar Year</b>	<b>Institute applied the Patent as</b>
12	202141018039	SMART AND TRANSPARENT MILK COLLECTION AND AUTOMATED PRICING SYSTEM FOR DAIRY FARMING	19-04-2021	Published	2021	
13	202141016525	SECURE COMPLEX EVENT PROCESSING IN IOT ENVIRONMENTS	04-08-2021	Published	2021	
14	202141015878	METHOD AND SYSTEM FOR SCHEDULING SECONDARY USERS IN A COGNITIVE RADIO NETWORKS	04-04-2021	Published	2021	
15	202141014951	A TOOL FOR CONVERTING TEXT TO BRAILLE SCRIPT TO EMPOWER READABILITY FOR BLIND PEOPLE	31-03-2021	Published	2021	
16	202141015257	MACHINE LEARNING BASED IDENTIFICATION OF TUMOR USING SIANLM AND MFCM ALGORITHM FROM MRI BRAIN IMAGES	31-03-2021	Published	2021	
17	202141014821	METHOD OF SYNTHESIZING LINIXCU0.5-XMN1.5O4 NANOMATERIAL USING MICROWAVE-ASSISTED SOL-GEL TECHNIQUE FOR LITHIUM ION BATTERY CATHODE	31-03-2021	Published	2021	
18	202141014355	METHOD OF FABRICATION OF MULTI-BEAM CATHODE PELLET USING EDM PROCESS	30-03-2021	Published	2021	
19	202141013279	ARCHITECTURAL CRYPTOGRAPHY WITH HIGH SECURE CORE	26-03-2021	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
20	202141010293	VERTICAL-BELL LABS LAYERED SPACE-TIME ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING MIMO SYSTEM FOR MULTI USER DETECTION	03-11-2021	Published	2021	
21	202141007015	ECO-FRIENDLY BLACKBOARD ERASER SYSTEM	19-02-2021	Published	2021	
22	202141005563	INTELLIGENT SYSTEM FOR OPERATION AND MAINTENANCE OF WASTE TREATMENT SYSTEMS	02-09-2021	Published	2021	
23	202041057280	ARTIFICIAL INTELLIGENCE-BASED CONTROLLER FOR BLDC MOTOR TO ACHIEVE PULSATILITY FOR VADS AND TAHS	30-12-2020	Published	2021	
24	202041043102	Method for detecting health condition in plants using an aerial device based on deep learning approach	10-05-2020	Published	2020	
25	202041041817	Automated Quantification System For Tissue In Non-Contrast CT Images Using Deep Learning	25-09-2020	Published	2020	
26	202041036196	Energy Auditing for IoT System Security by Deep Learning Convolutional Neural Networks	22-08-2020	Published	2020	
27	202041020749	Method For Heart-Diseases Classification Based On Ecg Image Analysis Through Deep Learning Model	16-05-2020	Published	2020	
28	202041030762	Method of Synthesizing Tungsten-Rhenium $\sigma$ -Phase Alloy Powder	19-07-2020	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
29	202041034753	A utility Based Speech enabled interactive voice response (SEIVR) for providing online market place for farmers.	13-08-2020	Published	2020	
30	202041053479	Design and fabrication of electric smart bike with voice recognition	12-09-2020	Published	2020	
31	202041001461	DART(Depression and Related Tracker):Identification System to Find and Prevent Depression Tendencies of Women	13-01-2020	Published	2020	
32	202041010194	Secure Data Exchange In Data Center Using AI Programming	03-09-2020	Published	2020	

### 7.5) 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						



