



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: MLR INSTITUTE OF TECHNOLOGY [ARI-C-19753]

### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Research and Development	Research Unit / Park	Engineering, Technology and Sciences	UG / PG / PhD	Both	230	52	4
MLR Education Foundation Technology Business Incubator	Incubation Unit	Multidisciplinary	At all level	Both	425	24	12
Centre for Innovation and Entrepreneurship	Pre-incubation unit	Multidisciplinary	At all level	Both	2700	72	4
Industry Institute Interaction Cell	Industry Institute Interface Unit	Multidisciplinary	At all level	Both	1025	39	3
MLR Intellectual Property Facilitation Centre	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary	UG / PG / PhD	Both	135	12	2
Livelihood Business Incubator	Incubation Unit	Food Processing Technology	At all level	Both	120	8	2
Makerspace	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	At all level	Both	240	16	4
Emebdded and Robotics	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	At all level	Both	137	14	2
NI Labview Academy	Centre of Excellence with Advance Tools & Equipment	Multidiscipline	UG / PG / PhD	Technical	170	8	2
Artificial Intelligence and Machine Learning	Academic Department with lab facility	AI & ML	UG / PG / PhD	Technical	60	6	2
Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	1080	37	14
Electronics and Commnication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Both	1080	46	16
Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	270	8	4
Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	500	27	8

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Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Both	400	32	8
Aeronautical Engineering	Academic Department with lab facility	Aeronautical Engineering	UG / PG / PhD	Technical	400	31	8
Advanced Composite Material	Centre of Excellence with Advance Tools & Equipment	Material Science & Manufacturing	UG / PG / PhD	Technical	78	6	2

### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201810206
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

### Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	INSPIRATION-2019	Innovation	Innovation Contest	Institute Lead Activity	Department of Aeronautical Engineering	15-10-2019 00:00:00	16-10-2019 00:00:00	2	Within Campus	50	4	30	3	87	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
2	Guest lecture on Aviation and Aircraft Maintenance	Innovation	Seminar	Institute Lead Activity	Department of Aeronautical Engineering	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	80	5	70	4	159	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 15000	No
3	Guest Lecture on Career readiness and ASOP	Innovation	Skill development	Institute Lead Activity	Department of Aeronautical Engineering	07-09-2019 00:00:00	07-09-2019 00:00:00	1	Within Campus	150	10	0	0	160	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

4	SAEISS ADC WORKS HOP	Innovation	Workshop	Institute Lead Activity	Department of Aeronautical Engineering	02-11-2019 00:00:00	03-11-2019 00:00:00	2	Within Campus	140	6	60	4	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70000	No						
5	SAE TIER I	Innovation	Innovation Contest	Institute Lead Activity	Department of Mechanical Engineering	27-12-2019 00:00:00	07-01-2020 00:00:00	12	Within Campus	250	10	100	7	367	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	120000	No						
6	Maker Space Acceleration Program On Artificial Intelligence and Machine Learning Phase - 1	Innovation	Workshop	Institute Lead Activity	Centre for Innovation and Entrepreneurship	29-07-2019 00:00:00	02-08-2019 00:00:00	5	Within Campus	52	6	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No						
7	24 hours Hackathon on "Intelligent Applications using Artificial Intelligence"	Innovation	Hackathon	Institute Lead Activity	Centre for Innovation and Entrepreneurship	03-08-2019 00:00:00	04-08-2019 00:00:00	2	Within Campus	45	5	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Automatic Attendance System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Automatic Attendance System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Title of Innovation / Start-up Secured the Award / Recognition	Automatic Attendance System																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
8	Maker Space Acceleration Program on "Internet of Things" Phase - 1	Innovation	Workshop	Institute Lead Activity	Centre for Innovation and Entrepreneurship	05-08-2019 00:00:00	09-08-2019 00:00:00	5	Within Campus	32	3	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No						

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9	24 hours Hackathon on "Sustainable systems for Smart Cities using Internet of Things	Innovation	Hackathon	Institute Lead Activity	Centre for Innovation and Entrepreneurship	10-08-2019 00:00:00	11-08-2019 00:00:00	2	Within Campus	30	2	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	Award / Position / Recognition Secured	Recognition Secured
																Title of Innovation / Start-up Secured the Award / Recognition	Shopping Cart	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
10	Maker Space Acceleration Program on "Embedded Systems and Robotics"	Innovation	Workshop	Institute Lead Activity	Centre for Innovation and Entrepreneurship	19-08-2019 00:00:00	23-08-2019 00:00:00	5	Within Campus	32	3	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No	
11	24 hours Hackathon on "Embedded Systems for Electric Mobility"	Innovation	Hackathon	Institute Lead Activity	Centre for Innovation and Entrepreneurship	24-08-2019 00:00:00	25-08-2019 00:00:00	2	Within Campus	32	3	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	Award / Position / Recognition Secured	Recognition Secured
																Title of Innovation / Start-up Secured the Award / Recognition	Humanoid Robot	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
12	DISRUPT – Idea Triggering Game	Entrepreneurship/Startup	Ideation	Student Lead Activity	CIE Student Council Committee	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	80	1	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	No	
13	ENVENT - Unleash the Entrepreneurial Emotion	Entrepreneurship/Startup	Ideation	Student Lead Activity	CIE Student Council Committee	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	150	0	0	0	150	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No	

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

14	WORKS HOP on DRONE DESIGN	Innovation	Workshop	Institute Lead Activity	Centre for Innovation and Entrepreneurship	03-10-2019 00:00:00	04-10-2019 00:00:00	2	Within Campus	65	2	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17000	No
15	WORKS HOP ON 3D DESIGN & PRINTING	Innovation	Workshop	Institute Lead Activity	Centre for Innovation and Entrepreneurship	30-09-2019 00:00:00	01-10-2019 00:00:00	2	Within Campus	43	2	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
16	Samasya – Problem Identification and Analysis	Entrepreneurship/Startup	Ideation	Institute Lead Activity	Centre for Innovation and Entrepreneurship	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	26	2	0	0	28	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
17	Inventron 2k19	Entrepreneurship/Startup	Innovation Contest	Institute Lead Activity	Centre for Innovation and Entrepreneurship	02-11-2019 00:00:00	03-11-2019 00:00:00	2	Within Campus	300	10	0	0	310	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	180000	No
18	Start and Improve Your Business	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Centre for Innovation and Entrepreneurship	04-11-2019 00:00:00	04-11-2019 00:00:00	1	Within Campus	30	2	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No
19	One Dollar Venture	Entrepreneurship/Startup	Start-up Yatra	Institute Lead Activity	Centre for Innovation and Entrepreneurship	13-11-2019 00:00:00	13-11-2019 00:00:00	1	Within Campus	60	1	0	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

20	Interdepartmental Project Competition	Innovation	B-Plan Competitions	Institute Lead Activity	Centre for Innovation and Entrepreneurship	23-11-2019 00:00:00	23-11-2019 00:00:00	1	Within Campus	120	10	0	0	130	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	56000	Award / Position / Recognition Secured	1,2,3
																Title of Innovation / Start-up Secured the Award / Recognition	Multiple Ideas	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
21	Expert talk on Entrepreneurship	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Centre for Innovation and Entrepreneurship	20-11-2019 00:00:00	20-11-2019 00:00:00	1	Within Campus	75	5	0	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	
22	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Centre for Innovation and Entrepreneurship	07-11-2019 00:00:00	09-11-2019 00:00:00	3	Within Campus	30	5	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	
23	Industrial Visit	Innovation	Exposure visit	Institute Lead Activity	Centre for Innovation and Entrepreneurship	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Outside Campus	75	4	0	0	79	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	
24	Expert talk on Schemes for Startups	Entrepreneurship/Startup	Start-up Conclave	Institute Lead Activity	Centre for Innovation and Entrepreneurship	22-11-2019 00:00:00	22-11-2019 00:00:00	1	Within Campus	75	2	0	0	77	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	
25	36 Hours Hackathon on AI for Agriculture	Innovation	Hackathon	Institute Lead Activity	Centre for Innovation and Entrepreneurship	02-01-2020 00:00:00	03-01-2020 00:00:00	2	Within Campus	120	5	270	0	395	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	125000	No	

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

26	National Science Fair 2019	Innovation	Exhibition	Institute Lead Activity	Centre for Innovation and Entrepreneurship	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	0	12	700	35	747	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	175000	No						
27	VirtusaCodeLite	Innovation	Skill development	Institute Lead Activity	Centre for Innovation and Entrepreneurship	02-03-2020 00:00:00	03-03-2020 00:00:00	2	Within Campus	74	4	0	0	78	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No						
28	36 Hours Hackathon on Game Development (GAME HUB)	Innovation	Hackathon	Institute Lead Activity	Centre for Innovation and Entrepreneurship	12-03-2020 00:00:00	14-03-2020 00:00:00	3	Within Campus	47	7	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Recognition Secured</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Survival Game using VR</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Survival Game using VR	Award/Recognition/Achievement Received for	Novel Research Paper/Work
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Title of Innovation / Start-up Secured the Award / Recognition	Survival Game using VR																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
29	Guest lecture on campus energy monitoring system	Innovation	Motivational speak	Institute Lead Activity	Department of Electrical and Electronics Engineering	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	84	11	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No						
30	Trends in Electronics at present and post COVID-19	Innovation	Seminar	Institute Lead Activity	Department of Electronics and Communication Engineering	28-11-2019 00:00:00	30-11-2019 00:00:00	3	Within Campus	74	21	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No						
31	Introduction to Robotics Process Automation	Innovation	Awareness	Institute Lead Activity	Department of electronics and Communication Engineering	08-11-2019 00:00:00	08-11-2019 00:00:00	1	Within Campus	127	32	0	0	159	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No						

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

32	Webinar on MATLAB in Communication Applications	Innovation	Motivational speak	Institute Lead Activity	Department of electronics and Communication Engineering	17-10-2019 00:00:00	18-10-2019 00:00:00	2	Within Campus	79	24	0	0	103	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
33	Webinar on Recent Trends in Data Science	Innovation	Awareness	Institute Lead Activity	Department of Information Technology	18-09-2019 00:00:00	18-09-2019 00:00:00	1	Within Campus	173	37	0	0	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
34	Webinar on Future of Machine Learning and Artificial Intelligence	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Information Technology	04-01-2020 00:00:00	04-01-2020 00:00:00	1	Within Campus	147	32	0	0	179	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
35	Webinar on Build your own Regression model in Machine Learning	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Information Technology	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	132	27	0	0	159	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
36	Entrepreneurial Opportunities for Aeronautical Engineering	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Aeronautical Engineering	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	98	24	0	0	122	No		No
37	The Role of Management in Manufacturing - Post Covid	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Aeronautical Engineering	13-01-2020 00:00:00	13-01-2020 00:00:00	1	Within Campus	128	29	0	0	157	No		No
38	Skill Development On Welding Techniques for budding engineers and technical staff	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Department of Aeronautical Engineering	13-02-2020 00:00:00	15-02-2020 00:00:00	3	Within Campus	74	18	0	0	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No



**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

39	Skill Development Program on AutoCAD for Diploma Students	Entrepreneurship/Startup, Innovation	Skill development	Institute Lead Activity	Department of Aeronautical Engineering	13-02-2020 00:00:00	15-02-2020 00:00:00	3	Within Campus	25	4	102	17	148	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1000	No
40	Critical Thinking for Innovation	Innovation	Ideation	Institute Lead Activity	Centre for Innovation and Entrepreneurship	17-10-2019 00:00:00	19-10-2019 00:00:00	3	Within Campus	78	12	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
41	Overview of IPR (Intellectual Property Rights)	IPR	Awareness	Institute Lead Activity	Centre for Innovation and Entrepreneurship	06-08-2019 00:00:00	06-08-2019 00:00:00	1	Within Campus	275	57	0	0	332	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
42	REAL TIME CASE STUDIES IN MACHINE LEARNING	Innovation	Awareness	Institute Lead Activity	Centre for Innovation and Entrepreneurship	21-02-2020 00:00:00	22-02-2020 00:00:00	2	Within Campus	84	26	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research							
1	SAE Aero Design Challenge 2020	Innovation	Innovation Contest	Bannari Amman Institute of Technology, Coimbatore	Educational Institute	29-02-2020 00:00:00	01-03-2020 00:00:00	2	21	2	23	Yes	certificate	SAE Aero Design Challenge 2020	Total Expense Amount Incurred by Institute? (In Rupees)	170000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SAE Aero Design Challenge 2020</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	SAE Aero Design Challenge 2020	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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2	Aircraft Build Competition	Innovation	Innovation Contest	Kalinga Institute of Industrial Technology, Bhubaneswar	Educational Institute	16-09-2019 00:00:00	17-09-2019 00:00:00	2	47	2	49	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 35000		No						
3	Space Quiz	Innovation	Innovation Contest	DRDO	Govt. Agency (Central)	12-08-2019 00:00:00	12-08-2019 00:00:00	1	0	1	1	Yes	certificate	participation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>participation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	participation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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4	Aero Quiz	Innovation	Innovation Contest	AeSI, Nasik	Govt. Agency (Central)	26-06-2019 00:00:00	26-06-2019 00:00:00	1	1	0	1	Yes	certificate	participation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>participation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	participation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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5	Boeing IIT national Aeromodelling challenge	Innovation	Innovation Contest	IIT, Madras	Govt. Agency (Central)	05-01-2020 00:00:00	06-01-2020 00:00:00	2	7	0	7	Yes	certificate	participation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>participation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	participation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

6	Elan and nVision	Innovation	Innovation Contest	IIT, Hyderabad	Govt. Agency (Central)	14-02-2020 00:00:00	16-02-2020 00:00:00	3	5	0	5	Yes	certificate	participation	No			Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	participation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
7	Alleviate Mechanica 2020	Innovation	Innovation Contest	IIT, Madras	Govt. Agency (Central)	13-03-2020 00:00:00	15-03-2020 00:00:00	3	14	0	14	Yes	certificate	participation		Total Total Expense Amount Incurred by Institute? (In Rupees)	127000	Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	participation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
8	Anveshna 2020	Entrepreneurship/Startup	Ideation	IETE Hyderabad, Agastya Foundation	Govt. Agency (State)	24-02-2020 00:00:00	26-02-2020 00:00:00	3	5	0	5	Yes	certificate	participation		Total Total Expense Amount Incurred by Institute? (In Rupees)	37000	Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	participation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

9	SAE Aero Design East	Innovation	Innovation Contest	SAE Interrogational, Florida, USA	Non-Govt. Agencies	06-03-2020 00:00:00	08-03-2020 00:00:00	3	5	0	5	Yes	certificate	participation	Total Total Expense Amount Incurred by Institute? (In Rupees) 25000		Award / Position / Recognition Secured certificate	
10	SAE TIER II	Innovation	Innovation Contest	SAEISS, Matrusri engineering college	Educational Institute	13-02-2020 00:00:00	13-02-2020 00:00:00	1	24	1	25	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 78000		No	
11	ANVESH ANA-2020	Innovation	Exhibition	Agastya International Foundation, Synopsys India ltd.	Non-Govt. Agencies	24-02-2020 00:00:00	26-02-2020 00:00:00	3	7	3	10	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 32000		No	
12	Elan N Nvision, IIT Hyderabad	Innovation	Hackathon	IIT HYDERABAD	Educational Institute	15-01-2020 00:00:00	16-01-2020 00:00:00	2	5	0	5	No	---	---	No		No	
13	Alleviate Mechanical 2020	Entrepreneurship/Startup	Innovation Contest	IIT Madras	Educational Institute	13-03-2020 00:00:00	15-03-2020 00:00:00	3	1	0	1	No	---	---	No		No	
14	SAE Aero Design Challenge	Entrepreneurship/Startup	Innovation Contest	SAE, Bannari Amman institute of technology, Coimbatore	Educational Institute	27-02-2020 00:00:00	29-02-2020 00:00:00	3	16	0	16	No	---	---	No		No	
15	SAE TIER I	Entrepreneurship/Startup	Innovation Contest	SAEISS	Govt. Agency (State)	27-12-2019 00:00:00	07-01-2020 00:00:00	12	60	0	60	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 75000		No	

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

16	SAE TIER II	Entrepreneurship/Startup	Innovation Contest	SAEISS, Matrusri engineering college, MVSR College Hyderabad	Educational Institute	13-02-2020 00:00:00	13-02-2020 00:00:00	1	12	0	12	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	75000	No						
17	ANVESH ANA-2020	Entrepreneurship/Startup	Innovation Contest	INSTITUTE OF ENGINEERS (INDIA), Khairatabad	Educational Institute	24-02-2020 00:00:00	26-02-2020 00:00:00	3	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	27000	No						
18	CAD PRO	Entrepreneurship/Startup	Workshop	IIT HYDERABAD	Educational Institute	15-01-2020 00:00:00	16-01-2020 00:00:00	2	3	0	3	Yes	2nd Prize	CAD PRO	No		<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>CAD PRO</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd Prize	Title of Innovation / Start-up Secured the Award / Recognition	CAD PRO	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd Prize																						
Title of Innovation / Start-up Secured the Award / Recognition	CAD PRO																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
19	DTMF	Entrepreneurship/Startup	B-Plan Competitions	IIT HYDERABAD	Educational Institute	15-01-2020 00:00:00	16-01-2020 00:00:00	2	1	0	1	Yes	2nd Prize	DTMF	No		<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>DTMF</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd Prize	Title of Innovation / Start-up Secured the Award / Recognition	DTMF	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd Prize																						
Title of Innovation / Start-up Secured the Award / Recognition	DTMF																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

20	Robo Soccer	Entrepreneurship/Startup	B-Plan Competitions	IIT HYDERA BAD	Educational Institute	15-01-2020 00:00:00	16-01-2020 00:00:00	2	1	0	1	Yes	4th Place	Robo Soccer	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>4th Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Robo Soccer</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	4th Place	Title of Innovation / Start-up Secured the Award / Recognition	Robo Soccer	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	4th Place																					
Title of Innovation / Start-up Secured the Award / Recognition	Robo Soccer																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
21	Synaptics	Entrepreneurship/Startup	Innovation Contest	JNTUH, sultanpur	Educational Institute	01-04-2019 00:00:00	02-04-2019 00:00:00	2	8	0	8	Yes	Merit 2	Synaptics	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Merit 2</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Synaptics</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Merit 2	Title of Innovation / Start-up Secured the Award / Recognition	Synaptics	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Merit 2																					
Title of Innovation / Start-up Secured the Award / Recognition	Synaptics																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
22	robotics	Entrepreneurship/Startup	Innovation Contest	CBIT, HYD	Educational Institute	13-09-2019 00:00:00	14-09-2019 00:00:00	2	9	0	9	No	---	---	No	No						
23	code combat	Entrepreneurship/Startup	Innovation Contest	Sree devi college of engineering	Educational Institute	23-09-2019 00:00:00	24-09-2019 00:00:00	2	6	0	6	No	---	---	No	No						
24	robotics	Entrepreneurship/Startup	Innovation Contest	BITS, Hyd	Educational Institute	18-10-2019 00:00:00	20-10-2019 00:00:00	3	6	0	6	Yes	I Prize	ROBOTICS	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>ROBOTICS</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I Prize	Title of Innovation / Start-up Secured the Award / Recognition	ROBOTICS	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	I Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	ROBOTICS																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
25	Technozion(paper, poster, robotics)	Entrepreneurship/Startup	Innovation Contest	NIT Warangal	Educational Institute	01-11-2019 00:00:00	03-11-2019 00:00:00	3	25	0	25	No	---	---	No	No						

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

26	Modelling and Kinematic check	Entrepreneurship/Startup	Innovation Contest	SAE TIER-III EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
27	Business Plan Competition	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
28	Polymechanics and Automation	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
29	CNC Turning	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	3	0	3	No	---	---	No	No
30	Manufacturing and Tech challenge	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	3	0	3	No	---	---	No	No
31	Group Discussion Competition	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
32	Diagrammatic Reasoning	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	3	0	3	No	---	---	No	No
33	Oil Design	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	3	0	3	No	---	---	No	No
34	Reverse Engineering	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
35	Threading and Taper Turning	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
36	Work Holding	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No
37	Bridge Building	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	3	0	3	No	---	---	No	No
38	Human Powered Vehicle	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

39	On-Board Diagnostics	Entrepreneurship/Startup	Innovation Contest	SAE TIER-II EVENT	Govt. Agency (Central)	13-02-2020 00:00:00	15-02-2020 00:00:00	3	2	0	2	No	---	---	No	No						
40	SAE Aero Design Challenge	Entrepreneurship/Startup	Innovation Contest	Chennai, Anna University	Educational Institute	13-02-2020 00:00:00	15-02-2020 00:00:00	3	21	0	21	Yes	Secured Overall 3rd prize	SAE Aero Design Challenge	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Secured Overall 3rd prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>SAE Aero Design Challenge</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Secured Overall 3rd prize	Title of Innovation / Start-up Secured the Award / Recognition	SAE Aero Design Challenge	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Secured Overall 3rd prize																					
Title of Innovation / Start-up Secured the Award / Recognition	SAE Aero Design Challenge																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
41	Technozion	Entrepreneurship/Startup	Innovation Contest	NIT Warangal	Educational Institute	13-02-2020 00:00:00	15-02-2020 00:00:00	3	20	0	20	Yes	Got 1st prize in Paper Presentation	Paper Presentation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Got 1st prize in Paper Presentation</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Paper Presentation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Got 1st prize in Paper Presentation	Title of Innovation / Start-up Secured the Award / Recognition	Paper Presentation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Got 1st prize in Paper Presentation																					
Title of Innovation / Start-up Secured the Award / Recognition	Paper Presentation																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
42	ATMOS	Entrepreneurship/Startup	B-Plan Competitions	BITS PILANI HYDERABAD	Educational Institute	18-10-2019 00:00:00	20-10-2019 00:00:00	3	15	0	15	Yes	Got 2nd prize	ATMOS	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Got 2nd prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>ATMOS</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Got 2nd prize	Title of Innovation / Start-up Secured the Award / Recognition	ATMOS	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Got 2nd prize																					
Title of Innovation / Start-up Secured the Award / Recognition	ATMOS																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
43	Boeing IIT National Aeromodelling challenge	Innovation	Innovation Contest	IIT Madras	Govt. Agency (Central)	05-01-2020 00:00:00	06-01-2020 00:00:00	2	2	0	2	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>15000</td> </tr> </table>	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	15000																					



**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

44	TRANSFORMATIONS IN ENGINEERING EDUCATION	Entrepreneurship/Startup	Boot camp	Anurag Group of Institutions	Educational Institute	05-01-2020 00:00:00	08-01-2020 00:00:00	4	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No
45	T-IDEATHON	Innovation	Innovation Contest	Telangana State council of higher education (TSCHE) and Telangana State Innovation Cell (TSIC)	Govt. Agency (State)	07-02-2020 00:00:00	08-02-2020 00:00:00	2	0	2	2	No	---	---	No		No

**List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Technology Entrepreneurship Program	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Centre for Innovation and Entrepreneurship	01-06-2019	31-05-2020	366	Online	7	120
2	Social Innovation	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Sciences and Humanities	01-08-2019	07-12-2019	129	Offline	960	45
3	Engineering Exploration	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Sciences and Humanities	16-12-2019	16-05-2020	153	Offline	960	45
4	Basics of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Management Business Administration	15-07-2019	09-11-2019	118	Offline	67	60
5	Advanced Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Master of Business Administration	16-12-2019	16-05-2020	153	Offline	57	60
6	Start and Improve your Business	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Centre for Innovation and Entrepreneurship	04-11-2019	05-12-2019	32	Offline	40	80
7	Startup Lab Cohort - 1	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Centre for Innovation and Entrepreneurship	02-09-2019	25-07-2020	328	Offline	10	180

8	Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Elective)	Department of Master of Business Administration	15-07-2019	08-11-2019	117	Offline	129	60
9	Digital Marketing	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Master of Business Administration	19-12-2019	28-04-2020	132	Offline	40	60
10	Advertising and Sales Promotion	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Master of Business Administration	19-12-2019	28-04-2020	132	Offline	50	60
11	Global Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of MBA	15-07-2019	23-11-2019	132	Offline	30	60
12	Women Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of MBA	16-12-2019	18-04-2020	125	Offline	30	60
13	Creativity Innovation and Entrepreneurship	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Master	Department of MBA	16-12-2019	18-04-2020	125	Offline	120	60
14	Strategic Investments and Financing Decisions	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of MBA	15-07-2019	23-11-2019	132	Online	60	60
15	Goods and Services Tax (GST)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of MBA	16-12-2019	18-04-2020	125	Offline	40	60
16	Retailing Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of MBA	15-07-2019	23-11-2019	132	Offline	40	60

### LiList the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Sno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(In Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Summer internship on centre of excellence	Innovation	Employment Generation Training Programs	Department of Aeronautical Engineering	24-06-2019	02-07-2019	9	Offline	17	40
2	Start and Improve Your Business	Entrepreneurship/Startup	EDP in I&E / IPR	Centre for Innovation and Entrepreneurship	04-11-2019	03-12-2019	30	Offline	30	210
3	Hardware connectivity with matlab and simulink	Innovation	FDP in I&E / IPR	Department of Electronics and Communication Engineering	25-05-2019	29-05-2019	5	Offline	19	30
4	Recent trends and applications in Analog or Digital low power VLSI	Innovation	FDP in I&E / IPR	Department of Electronics and Communication Engineering	09-12-2019	21-12-2019	13	Offline	53	72
5	Emerging Trends In Mathematical Modeling Using Python Programming	Innovation	Employment Generation Training Programs	Department of Computer Science Engineering	07-07-2019	13-07-2019	7	Offline	200	36
6	Effective and Efficient Online Teaching in the Age of Corona A Hands On Workshop	Innovation	FDP in I&E / IPR	Department of Humanities and Sciences	17-05-2020	20-05-2020	4	Online	150	30
7	Advanced Materials for Energy Harvesting Conversion and Storage	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Mechanical Engineering	19-06-2020	23-06-2020	5	Online	134	30

8	Recent Innovations In Chemical Engineering (RICE)	Innovation	FDP in I&E / IPR	Department of Humanities and Sciences	29-06-2020	03-07-2020	5	Online	176	30
9	Innovative Use of Educational Media and Technology	Innovation	Employment Generation Training Programs	Department of Computer Science Engineering	27-07-2020	31-07-2020	5	Online	124	30
10	Emerging Trends In Mathematical Modeling Using Python Programming	Innovation	Employment Generation Training Programs	Department of Computer Science Engineering	07-07-2019	13-07-2019	7	Offline	200	42
11	Research Oriented Project Work	Innovation	Employment Generation Training Programs	Department of Information Technology	11-05-2020	15-05-2020	5	Online	87	30
12	Waste Management	Entrepreneurship/Startup	EDP in I&E / IPR	Department of Aeronautical Engineering	11-05-2020	15-05-2020	5	Online	32	30
13	Advancements in Manufacturing and Optimization	Innovation	EDP in I&E / IPR	Department of Aeronautical Engineering	22-06-2020	26-06-2020	5	Online	57	30
14	A Hands on Practice of Software Tools in Mechanical Engineering	Innovation	Employment Generation Training Programs	Department of Mechanical Engineering	29-06-2020	04-07-2020	6	Online	48	36
15	FDP ON PHP MYSQL	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	18-05-2020	23-05-2020	6	Offline	120	36
16	LaTeX	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	01-06-2020	06-06-2020	6	Offline	75	36
17	R Programming	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	04-05-2020	10-05-2020	7	Offline	67	42
18	PYTHON PROGRAMMING	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	15-07-2020	18-07-2020	4	Offline	84	30
19	Design Thinking	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	01-06-2020	05-06-2020	5	Offline	110	30
20	Machine Learning with Python	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	15-06-2020	20-06-2020	6	Offline	56	36
21	Artificial Intelligence	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	22-05-2020	26-05-2020	5	Offline	55	30
22	Advanced Data Science and its Applications	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	22-06-2020	26-06-2020	5	Offline	42	30
23	CYBER ATTACKS AND DIGITAL FORENSICS	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	20-07-2020	24-07-2020	5	Offline	35	30
24	Evolution Of IOT and its real time applications	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	13-07-2020	17-07-2020	5	Offline	89	30
25	Potential and challenges for integrating 5G networks and IOT Applications in Smart City Environment	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	30-11-2020	05-12-2020	6	Offline	110	36

26	Artificial Intelligence and ML Applications	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	08-06-2020	12-06-2020	5	Offline	46	30
27	Internet Of Things	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	15-12-2020	19-12-2020	5	Offline	39	30
28	Recent Trends in Computing	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	05-06-2020	10-06-2020	6	Offline	56	36
29	Teaching and Learning Methods Research Plan Patent	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	08-06-2020	15-06-2020	8	Offline	79	48
30	Cyber security	Innovation	FDP in I&E / IPR	Department of Computer Science Engineering	19-06-2020	24-06-2020	6	Offline	110	36

**List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20									
1	Dr. Mahendra Vucha	Centre for Innovation and Entrepreneurship	Professor	No	Yes									
						Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
						Fundamentals in Entrepreneurship	Entrepreneurship/Startup	Short term Certificate	Wadwani Foundation	Corporate / Industry Association	17-06-2019 00:00:00	23-06-2019 00:00:00	7	Offline
						Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	NSTEDB, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	05-03-2019 00:00:00	17-03-2019 00:00:00	13	Offline
Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	EDII, NIMAT, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	16-11-2019 00:00:00	29-11-2019 00:00:00	14	Offline						
2	G. John Samuel Babu	Department of Computer Science and Engineering	Assistant Professor	Highest degree name in I&E and IPR	MBA	Yes								
				Degree Type	PG									
				Year of Highest degree in I&E and IPR	2015									

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advances in Entrepreneurship	Entrepreneurship/Startup	Short term Certificate	Wadwani Foundation	Corporate / Industry Association	03-06-2019 00:00:00	09-06-2019 00:00:00	7	Offline
	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	EDII, NIMAT, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	16-11-2019 00:00:00	29-11-2019 00:00:00	14	Offline
3	D Laxma Reddy	Department of Electronics and Communication Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	EDII, NIMAT, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	16-11-2019 00:00:00	29-11-2019 00:00:00	14	Offline
4	B. Kanaka Laxmi	Department of MBA		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	EDII, NIMAT, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	16-11-2019 00:00:00	29-11-2019 00:00:00	14	Offline
5	Dr. Muhammed Anaz Khan	Department of Mechanical Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	EDII, NIMAT, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	16-11-2019 00:00:00	29-11-2019 00:00:00	14	Offline
6	M. Anila	Department of Information Technology		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E, IPR	EDII, NIMAT, Department of Science and Technology, Govt. India.	Govt. Agency (Central)	16-11-2019 00:00:00	29-11-2019 00:00:00	14	Offline
7	Dr M V Narasimha Rao	Department of MBA		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Online Sessions	Innovation	Short term Certificate	MHRD Innovation Cell	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

8	Dr.Bethapudi Satyavani	Department of MBA	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Online Sessions	Entrepreneurship/Startup, Innovation	Short term Certificate	MHRD Innovation Cell	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
9	Dr. Aruna Gudimetla	Department of MBA	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Online Sessions	Entrepreneurship/Startup, Innovation	Short term Certificate	MHRD's Innovation Cell.	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
10	Dr K Suryanarayana	Department of MBA	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Online Sessions	Entrepreneurship/Startup, Innovation	Short term Certificate	MHRD's Innovation Cell.	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
11	Dr. A Vivek Anand	Department of Electronics and Communication Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patent Application Drafting and Filing Procedure	IPR	FDP in I&E, IPR	National Institute for Micro, Small and Medium Enterprises	Govt. Agency (Central)	18-07-2019 00:00:00	20-07-2019 00:00:00	3	Offline

**List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Robotic Club	Innovation Club	2017	3D Printing	Innovation Park/Research Park	7	S Satish Kumar	satishsiddhabhaktula@gmail.com	9160371212
2	Innovation and Entrepreneurship Club	Startup Club	2018	Co-working Space	Pre-Incubation Unit	37	A.Anoop	anoopajaya.k@gmail.com	8106834756
3	SAE - India Cub	Innovation Club	2015	3D Printing	Centre of Excellence with Advance Tools	4	Alalka Sai Kiran	saikiranalaka12@gmail.com	8639152133
4	School of Programming (Scope)	Idea Club	2019	Work Stations	Centre of Excellence with Advance Tools	9	S Hemanth Reddy	sudinihemanth@gmail.com	9441807655
5	EWB (Engineers Without Borders)	Idea Club	2019	None	Innovation Labs	3	Sukruti Goswami	sukruti1910@gmail.com	8374441696
6	Institute of Aeronautics Astronautics and Aviation	Innovation Club	2018	3D Printing	Centre of Excellence with Advance Tools	6	Sandhiri Akhileshwar Rao	akhilchinnu54@gmail.com	9700952775

7	Engineering Projects in Community Services (EPICS)	Innovation Club	2015	3D Printing	Centre of Excellence with Advance Tools	4	K Praveen	anvepraveen025@gmail.com	9100257932
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**List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?		Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
							Facility Incharge Name	Dr. Mahendra V			Yes		
1	Centre for Innovation and Entrepreneurship	Startup Cell	2018	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Facility Incharge Name	Dr. Mahendra V	4	Yes	Total Annual Income from Training and Skill Development Services (In Rupees)	50000.00	Yes
						Facility Incharge Email	mahendra.v@mlrinsti.ac.in			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	45000.00		
						Facility Incharge Phone	7760414507			Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	15000.00		
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource						MLR Institute of Technology			Educational Institute		125000.00		

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

2	Livelihood Business Incubation	EDC	2019	3D Printing & Prototype Equipment	Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Facility Incharge Name	V.Venkata Phani Babu	4	No	Yes		Yes	
							Facility Incharge Email	phanibabu@mlrinsti.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	42000.00		
							Facility Incharge Phone	9908049499			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	10000.00		
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		
Source of Grant / Fund						Agency Name			Agency Type			Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Funding Agency						Ministry of MSME, Govt. India			Govt. Agency (Central)			2500000		



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

3	Makerspace	Tinkering Lab	2018	3D Printing & Prototype Equipment	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Facility Incharge Name	Dr. Muhammed Anaz Khan	3	Yes	Yes		Yes
							Facility Incharge Email	muhammed.anazkhan@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	47000.00	
							Facility Incharge Phone	8921801578			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25000.00	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)			
Institute's Own Fund / Resource				MLR Institute of Technology				Educational Institute		37000.00			

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

4	Innovation Hub	Design Centre	2018	Work Stations	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Laxma Reddy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>laxmarreddy24@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9849729796</td> </tr> </table>	Facility Incharge Name	Mr. Laxma Reddy	Facility Incharge Email	laxmarreddy24@gmail.com	Facility Incharge Phone	9849729796	2	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>42000.00</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>25000.00</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	42000.00	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25000.00	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Mr. Laxma Reddy																								
Facility Incharge Email	laxmarreddy24@gmail.com																								
Facility Incharge Phone	9849729796																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	42000.00																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25000.00																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																								
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																			
Institute's Own Fund / Resource		MLR Institute of Technology		Educational Institute		120000.00																			

**List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	Embedded Systems and Robotics	2016	Pre-Incubation, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	V. Arun	3	Yes	Yes		Yes
					Facility Incharge Email	arun.v@mlrinstitutions.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	75000	
					Facility Incharge Phone	9959600977			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	15000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				MLR Institute of Technology			Educational Institute		50000		
2	NI - LABVIEW	2017	Pre-Incubation, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	Seed fund for prototype development	Facility Incharge Name	K. Nishanth Rao	5	Yes	Yes		Yes
					Facility Incharge Email	nishanth.424@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	65000	
					Facility Incharge Phone	9000291600			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				MLR Institute of Technology			Educational Institute		50000		

**List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

3	VLSI & PCB Design	2016	Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	Facility Incharge Name	Dr.P.C handra sekhar	8	Yes	Yes		Yes
					Facility Incharge Email	chand u.p4u@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	35000	
					Facility Incharge Phone	99493 06336			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				MLR Institute of Technology			Educational Institute		50000		
4	MATLAB	2015	Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	Facility Incharge Name	Dr.B.S ridhar	8	Yes	No		No
					Facility Incharge Email	sridhar bece@gmail.com					
					Facility Incharge Phone	82489 09628					

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

5	Digital Manufacturing	2015	Pre-Incubation, Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	Facility Incharge Name	Mr. Ganesh	4	Yes	Yes		Yes
					Facility Incharge Email	ganes.h.mani konda@mlrinstitutions.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	47000	
					Facility Incharge Phone	98663 92008			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	12000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Funding Agency				MLR Institute of Technology			Educational Institute		50000		
6	Product Life Cycle Management	2017	Pre-Incubation, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	Facility Incharge Name	Dr. Venkateswara Reddy	3	No	No		No
					Facility Incharge Email	hodmeh@mlrinstitutions.ac.in					
					Facility Incharge Phone	94900 19934					

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

7	Advanced Composites Lab	2019	Pre-Incubation, Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	Facility Incharge Name	Dr. Lokasani Bhanu prakash	4	Yes	Yes		Yes
					Facility Incharge Email	lokasanihanu@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	42000	
					Facility Incharge Phone	8714271200			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
8	Internet of Things	2016	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	Facility Incharge Name	A. Subangi	3	Yes	Yes		No
					Facility Incharge Email	shubhir5789@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	37000	
					Facility Incharge Phone	9999361318			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

**List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

9	Big Data and Cloud Computing	2016	Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Seed fund for prototype development	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. G. Kiran Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodit@mlrinstitutions.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>95423 33391</td> </tr> </table>	Facility Incharge Name	Dr. G. Kiran Kumar	Facility Incharge Email	hodit@mlrinstitutions.ac.in	Facility Incharge Phone	95423 33391	4	No	No	No
Facility Incharge Name	Dr. G. Kiran Kumar														
Facility Incharge Email	hodit@mlrinstitutions.ac.in														
Facility Incharge Phone	95423 33391														

**List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?		Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?													
								Yes	No														
1	MLR Education Foundation TBI	2019	Pre-Incubation, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Startup Fund	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Mahendra V</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mahendra.v@mlrinstitutions.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>77604 14507</td> </tr> </table>	Facility Incharge Name	Dr. Mahendra V	Facility Incharge Email	mahendra.v@mlrinstitutions.ac.in	Facility Incharge Phone	77604 14507	4	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>60000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>15000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	60000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	15000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Mahendra V																						
Facility Incharge Email	mahendra.v@mlrinstitutions.ac.in																						
Facility Incharge Phone	77604 14507																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	60000																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	15000																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)														

**List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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**List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

1	Research & Development Centre	2015	Pre-Incubation, Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Research Fund	Facility Incharge Name	Dr. Karthik R	3	Yes	Yes		Yes
					Facility Incharge Email	randd@mlriinstitutions.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	15000	
					Facility Incharge Phone	9159815169			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	80000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
2	Science, Technology and Innovation Hub	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Product Development Fund	Facility Incharge Name	Dr. MSN Gupta	5	Yes	Yes		Yes
					Facility Incharge Email	aeroход@mlriinstitutions.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	25000	
					Facility Incharge Phone	9848339384			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		

**List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Srno	Name of IPR Cell/Technology	Year of Establishment	IPR Cell/Technology	Name of the Funding	Facility Details	Total Nos of Dedicated	Had the IPR Cell/Technology Transfer Centre Provided any	Had institute Generated Income either from Services Offered by IPR	Had the IPR Cell/Technology Transfer Centre Provided any
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**List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

1	Intellectual Property Facilitation Centre	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs	IPR Filing fee	Facility Incharge		4	Yes	Cell/Technology Transfer Centre?		Yes
					Name	Email			Yes		
					Dr. A Vivke Anand	ipfc@mlrinstitutions.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	75000	
					8056432427				Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	15000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund			Agency Name			Agency Type			Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		

**Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area		Years of Experience in Mentorship (In Years)
1	Dr. Mahendra Vucha	Professor	Idea/Innovation Development		5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Smart Switch board		Within		
	Battery Powered Electric Retro Kit		Outside		
	Smart Shopping Cart		Within		
	Virtual Time Machine(VTM)		Within		
2	D Laxma Reddy	Associate Professor	Entrepreneurship/Startup Development		4

**Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
human follower robot		Within		
Automatic hand sanitization		Within		
Industrial Pollution Monitoring System Using Labview and GSM		Within		
3	G. John Samuel Babu	Assistant Professor	Entrepreneurship/Startup Development	4
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Attendance monitoring using RFID		Within		
Early prediction of chronic kidney disease using machine learning supported by predictive analytics		Within		
4	Dr. Muhammed Anaz Khan	Associate Professor	Idea/Innovation Development	3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Semi Automatic Machine for Limb exercises		Within		
Stretcheble wheelchair for paralysed patients		Within		
Flexible Walker for Frail Elderly Patients		Within		
Assistive Device for Patients		Within		
Wheel chair cum bed		Within		
5	Dr. A Vivek Anand	Professor	IPR Protection & Commercialization	3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Power tillers		Within		
Cold pressing machine		Within		

**Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship	
1	Wadhvani Foundation	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Basics of Entrepreneurship	17-07-2019	15-10-2019	91	4	67	Innovation/Prototype	
2	Wadhvani Foundation	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Advanced Entrepreneurship	23-12-2019	31-03-2020	100	5	57	Early Stage Startup	

**Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

3	Indian School Business, Hyderabad		Entrepreneurship/Startup Development				Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Technology entrepreneurship Program	01-04-2019	31-03-2020	366	3	7	Innovation/Prototype	
4	T-Hub Foundation, Hyderabad		Entrepreneurship/Startup Development				Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	t-Tribe Launchpad Program	19-08-2019	22-02-2020	188	5	50	Idea	
5	Entresphere LPP		Entrepreneurship/Startup Development				Structured Mentorship	
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	Startup Lab Program	30-08-2019	31-03-2020	215	3	7	Growth Stage Startup	
6	CIPAM		IPR Protection & Commercialization				Unstructured Mentorship	

**List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/Institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Solar panel enable	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
				Name	Type	Gender	Email	Contact					
				SAMYUKTHA	Student	Female	gurramsamyukta1999@gmail.com	8341483981					

Name		Type			Gender			Email			Contact		
CHANDHAN		Student			Male			chandhan189@gmail.com			8686480132		
2	Cancer disease identification using Gasto Entrological Images	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
	Name		Type			Gender			Email			Contact	
	SAMEER		Student			Male			sameer.sameer184@gmail.com			8106109970	
Name		Type			Gender			Email			Contact		
SAIKAR DAS		Student			Male			srikardasi@gmail.com			7032540340		
3	Know your diet	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
	Name		Type			Gender			Email			Contact	
	R MANASWINI		Student			Female			manaswini1920@gmail.com			9553337599	
Name		Type			Gender			Email			Contact		
RAKHI UPADHYAY		Student			Male			rakhiupadhyay1@gmail.com			9550867132		
4	Brain Tumor Identification using MATLAB	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
	Name		Type			Gender			Email			Contact	
	SUMITHRA DEVI		Student			Female			sumitradevipolina@gmail.com			8465826293	
Name		Type			Gender			Email			Contact		
RAJESH		Student			Male			rajeshprabhas29@gmail.com			9550867132		

5	Automated Helmet Detection	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
K VINEETH		Student			Male			vineeth.kommuru@gmail.com			8801745424		
Name		Type			Gender			Email			Contact		
SAI SAMPATH		Student			Male			sampu66@gmail.com			7799870338		
6	Inform me-family GPS locator	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
RAKESH KUMAR		Student			Male			rakeshkumar.kouru@gmail.com			8096327236		
Name		Type			Gender			Email			Contact		
SUNIL		Student			Male			jaithwallasunil1@gmail.com			8121744542		
7	Heart disease prediction using data mining techniques	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
SAI SINDHUSHA		Student			Female			jogi.ss1999@gmail.com			8328698632		
Name		Type			Gender			Email			Contact		
GANESH		Student			Male			saiduganesh@gmail.com			9553812513		
8	Attendance monitoring using RFID(labs)	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No

Name		Type			Gender			Email			Contact		
P NITHIN KUMAR		Student			Male			pnthinkumar99@gmail.com			9866492529		
Name		Type			Gender			Email			Contact		
K SAIKUMAR		Student			Male			ksai8543@gmail.com			9820985922		
9	Smart gardening system for entire campus of plants trees.	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	12000	No	No
Name		Type			Gender			Email			Contact		
K GOUTHAMI		Student			Female			annemgowthami@gmail.com			8186848812		
Name		Type			Gender			Email			Contact		
SRAVANI		Student			Female			bhanusravani267@gmail.com			8179251608		
10	Early prediction of chronic kidney disease using machine learning supported by predictive analytics	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
NEEHARIKA		Student			Female			ch4neeharika@gmail.com			9705821059		
Name		Type			Gender			Email			Contact		
N YAMINI		Student			Female			yamisanal123@gmail.com			7674813068		
11	Natural Feed to the animals	Product Innovation	Non-Technological / Social / Community Innovation		Student	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Mr. Hari roopesh		Student			Male			hroopesh639@gmail.com			8074668203		
Name		Type			Gender			Email			Contact		

Eco Friendly Crafts using Waste Papers	Product Innovation	Non-Technological / Social / Community Innovation		External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No	
--	--------------------	---	--	-------------------------------------	---	---	--------------------------------	----	----	----	----	----	--

Name		Type		Gender		Email			Contact		Name	Email
Mr. Gunjan Gupta		Innovator/Entrepreneur External to Institute		Female		gunjan0415@gmail.com			8181001454			

13	Web application to connect local tailors	Service Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name		Type		Gender		Email			Contact	
Ms. Kotha Sahaja Reddy		Student		Male		kothasahajareddy2000@gmail.com			9100858485	

Name		Type		Gender		Email			Contact		14
Virtual Time Machine (VTM)	Process Innovation	Technological		Student	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	No	

Name		Type		Gender		Email			Contact		Name	Email
Ms. Poojitha moganti		Alumni Entrepreneur		Female		poojithacp@gmail.com			7842752989			

15	Decentralized Open Air Purifier	Product Innovation	Technological		Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Development Ongoing	No	No	Grant Amount in Rs 27000	No	No
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Name		Type		Gender		Email			Contact	
Mr. KALERU SAI KIRAN		Faculty		Male		sai9030286126@gmail.com			9030286126	

Name		Type		Gender		Email			Contact		16
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Wheel chair cum bed	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	13000	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Mr. VENKATESH MEENUGU	Faculty	Male	venkateshmeenugu2000@gmail.com	8247358835		

17	Cold pressing machine	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr. Sudhakar Reddy Kalavapalli	Faculty	Male	sudhakarreddykalavapalli@gmail.com	7095851995

													18
Name	Type	Gender	Email	Contact									
Farm grading and Mobile Packing Vehicles (MPV)	Product Innovation	Technological		External to the Institute/Incubatee	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	3000	No	No	

Name	Type	Gender	Email	Contact	Name	Email
Mr. Ravindar biyyani	Innovator/Entrepreneur External to Institute	Male	ravindarbn@gmail.com	9948028988		

19	Light weight mobility vehicle for old and handicapped people	Product Innovation	Technological		External to the Institute/Incubatee	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr. B Sreevenkat sesha pavan kumar	Innovator/Entrepreneur External to Institute	Male	pavan33588@gmail.com	9704233588

Name	Type	Gender	Email	Contact	20
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Smart sensory inserts with SoC	Product Innovation	Technological		External to the Institute/Incubatee	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
Mr. Sasi Kiran G	Innovator/Entrepreneur External to Institute	Male	sasi.gade@autonomous-systems.in	9004307772		

21	Long range (3KM) wireless sensors & gateways monitor	Product Innovation	Technological		External to the Institute/Incubatee	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr. Srinivasa Raju Namburi	Innovator/Entrepreneur External to Institute	Male	raju.namburi@bridgethings.com	9948078292

	Super bus to reduce the traffic	Product Innovation	Technological		External to the Institute/Incubatee	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	22
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Name	Type	Gender	Email	Contact	Name	Email
Mr. Rudraram. Sai Sri Vatsav	Innovator/Entrepreneur External to Institute	Male	srisri635@gmail.com	7799032959		

23	Battery Powered Electric Retro Kit	Product Innovation	Technological		External to the Institute/Incubatee	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr. Manoj Kumar Bada Ghar Wala	Innovator/Entrepreneur External to Institute	Male	bgwinnovations@gmail.com	9642038383

Name	Type	Gender	Email	Contact	24
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Smart Helmet	Product Innovation	Technological		Student	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No		25000	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
NETHALLA SAI VASU DEVA GOUTHAM YADAV	Student	Male	goutham.nethala@gmail.com	9553957157		

29	Semi Automatic Machine for Limb exercises	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No		8000	No	No
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Name	Type	Gender	Email	Contact
Mr. S Ananth Surya	Student	Male	qplm4458@gmail.com	7893760078

Name	Type	Gender	Email	Contact
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	Stretchable wheelchair for paralyzed patients	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No		10000	No	No
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Name	Type	Gender	Email	Contact	Name	Email
Mr. Pandari Madhav Goud	Student	Male	madhavmunna002@gmail.com	9640425250		

31	Flexible Walker for Frail Elderly Patients	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No		6000	No	No
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Name	Type	Gender	Email	Contact
Mr. Shivayan Kansary	Student	Male	shivayan2000@gmail.com	7981858966

Name	Type	Gender	Email	Contact
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30

Name  
Email

32

Assistive Device for Patients	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No	
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Name		Type		Gender		Email		Contact	
DILEEP SAI P		Student		Male		dile2107@gmail.com		9676150615	

N	a	m	e
E	m	a	i

33	Smart Shopping Cart	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	Yes	No	No	No
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Name		Type		Gender		Email		Contact	
Mr. Kandula Venkat Sushil		Student		Male		sushil.kandula@gmail.com		8008598591	

Name		Type		Gender		Email		Contact					
A wheel chair to shift hemiplegic patients	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No	
Dr.Muhammed Anaz Khan		Faculty		Male		muhammedanazkhan@gmail.com		8921801578					

34

Name		Type		Gender		Email		Contact	
B.ROHIT		Student		Male		rohithnayak460@gmail.com		6304485696	
SAI SRINATH G		Student		Male		gatadisaisrinath@gmail.com		9494941040	
SANKU RAJU		Student		Male		raju266606@gmail.com		9963864533	
K. ANIKETH KUMAR		Student		Male		ankith1kumar@gmail.com		9493561152	
DHEERAJ VERPULA		Student		Male		verpuladheeraj121@gmail.com		7893139413	

35

A walker/walking aid for parkinsonism/frail elderly patient which protect them from fall	Product Innovation	Technological		Student-Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. L Bhanu Prakash Reddy	Faculty	Male	lokasanibhanu@gmail.com	8714271200

Name	Type	Gender	Email	Contact
Venkata Karthik G	Student	Male	venkatakarthik745@gmail.com	8074118086
Shivayan Kansary	Student	Male	shivayan2000@gmail.com	7981858966
B Srinivas Durga Rao	Student	Male	sdrb97@gmail.com	6281984095
Md Salman Pasha	Student	Male	salmanmohammed1999@gmail.com	7989857001
Malavika	Student	Female	malavika.acr01@gmail.com	9502142401

A WHEEL CHAIR FOR SEMIPL EGIC PATIENTS	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mr. A RAVINDRA	Faculty	Male	ravindra.a@mlrinstitutions.ac.in	8297765654

Name	Type	Gender	Email	Contact
HARSHA	-	-	harshagangapuram143@gmail.com	8179569553
NAVEEN	-	-	naveenrachamarla@gmail.com	9550642917
VENKATESH	-	-	venkateshmeenu20002@gmail.com	8247358835
VIJAY	-	-	vijaykumardappu@gmail.com	7288976964
VENKATESH	-	-	venkateshsai562@gmail.com	8309141695

EXERCISE EQUIPMENT FOR HEMIPL EGIC PATIENTS	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
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Name		Type		Gender		Email		Contact				
V.VENKATA PHANI BABU		Faculty		Male		phanibabu.v@gmail.com		9908049499				
ANANTHSURYA		Student		Male		qptm4458@gmail.com		7893760078				
SUPREETH		Student		Male		supreeth623@gmail.com		9701751580				
SANKETH		Student		Male		simdamsanketh@gmail.com		9652722718				
SUKRUTHI GOSWAMI		Student		Female		sukruti1910@gmail.com		8374441696				
Diagnos s of Diabete s By Tongue Analysis	Product Innovation	Technological		Student- Faculty	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Developm ent Ongoing	No	No	No	No	No
Soujanya Reddy		Student		Female		17R21A0411@mlrinstitutions.ac.in		7386058067				
BANDI.SRINIVAS REDDY		Student		Male		17R25A0405@mlrinstitutions.ac.in		9550850932				
human follower robot	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Developm ent Complete d	No	No	No	No	No
S SATISH KUMAR		Student		Male		17R21A04A6@mlrinstitutions.ac.in		9160371212				
MD TABREZ AKRAM		Student		Male		17R21A0494@mlrinstitutions.ac.in		9652709352				
Fingerpr int recogniti on for image authenti cation	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Developm ent Complete d	No	No	No	No	No

38

39

40

Name			Type			Gender		Email			Contact	
Sirikonda Nikitha			Student			Female		17R21A04h3@mlrinstitutions.ac.in			8897472960	
Ruchitha Reddy			Student			Female		17R21A04G5@mlrinstitutions.ac.in			9550520099	
Electric bike	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
A.VISHWA TEJA			Student			Male		17R21A0462@mlrinstitutions.ac.in			9346574976	
J Manoj kumar			Student			Male		17R21A0478@mlrinstitutions.ac.in			9908717916	
Industrial Pollution Monitoring System Using Labview and GSM	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
S.Shyam Sai Mani Kumar			Student			Male		17R21A04g7@mlrinstitutions.ac.in			9640396513	
P.Sathvik			Student			Male		17R21A04h0@mlrinstitutions.ac.in			9948431306	
Air pollution detection and fuel level indication system	Product Innovation	Technological		Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
Sukavasi Usha Sri			Student			Female		17R21A0455@mlrinstitutions.ac.in			8121775148	

44												
Name			Type			Gender			Email			Contact
V.Sai Sridhar			Student			Male			17R21A0450@mlrinstitutions.ac.in			9618301586
Automat ic hand sanitizati on	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Developm ent Complete d	No	No	No	No	No
Name			Type			Gender			Email			Contact
B NAVYA SREE			Student			Female			17R21A0467@mlrinstitutions.ac.in			9642542223
45												
Name			Type			Gender			Email			Contact
K CHAITHANYA			Student			Male			17R21A0419@mlrinstitutions.ac.in			9553010361
Automat ic crop saving system from rain water	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Developm ent Complete d	No	No	No	No	No
Name			Type			Gender			Email			Contact
M MANI CHANDRA			Student			Male			17R21A0489@mlrinstitutions.ac.in			9866290673
46												
Name			Type			Gender			Email			Contact
S MONICA			Student			Female			17R21A04B1@mlrinstitutions.ac.in			9121978906
TRAFFI C VIOLATI ON MONIT ORING AND ALERTI NG SYSTE M	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Developm ent Ongoing	No	No	No	No	No
Name			Type			Gender			Email			Contact
G.LAKSHMI RESHMA SREE			Student			Female			17R21A0474@mlrinstitutions.ac.in			8801565310
47												
Name			Type			Gender			Email			Contact
M.ABHIRAM			Student			Male			17R21A0493@mlrinstitutions.ac.in			8978938470



BRAIN CONTROLLED ROBOTIC CAR USING RASPBERRY PI	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No		4500	No	No
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Name	Type	Gender	Email	Contact
Yadavalli Venkat Sai	Student	Male	17R21A04q0@mlrinstitutions.ac.in	7036734752

Name	Type	Gender	Email	Contact
Rachcha Karthik	Student	Male	17R21A04n8@mlrinstitutions.ac.in	8686775637

48

Health Assistance Using IOT	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
K.NAVYA	Student	Female	navyareddy1604@gmail.com	9959156379

Name  
Email

49	Ethical Hacking over LAN Connection	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
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No

Name	Type	Gender	Email	Contact
AKHILENDRA PRASAD	Student	Male	Akhilendraprasad02@gmail.com	8187815407

Breast Cancer Detection	Service Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
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50

Name	Type	Gender	Email	Contact
B SANTOSH	Student	Male	saisanthosh1306@gmail.com	9703478770

Name  
Email

51	Video based Fire Detection System	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
B.SREEJA		Student			Female			sreejagaddam818@gmail.com			9100855214		

<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>			52
"Paraph Summarization based on Word Frequency"	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No		

<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>			Name Email
K.GIRISH		Student			Male			Girishkoliseti@gmail.com			9701463260			

53	Live Traffic Management System in Urban Areas	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
G.KAUSHAL		Student			Male			gandavadi.kaushal@gmail.com			7207780779		

<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>			54
Fake News Detection System	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No		
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>			Name Email
T.KRISHANASAHITHI		Student			Female			sahitadikonda@gmail.com			9490872032			

55	Secure Data Sharing	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>SRAVYA.V</td> <td>Student</td> <td>Female</td> <td>sravya.vengala@yahoo.in</td> <td>9032059606</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	SRAVYA.V	Student	Female	sravya.vengala@yahoo.in	9032059606								
Name	Type	Gender	Email	Contact																										
SRAVYA.V	Student	Female	sravya.vengala@yahoo.in	9032059606																										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Object Detection Using CNN</td> <td>Process Innovation</td> <td>Technological</td> <td></td> <td>Student</td> <td>TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).</td> <td>TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).</td> <td>Innovation Development Completed</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Object Detection Using CNN	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name	Type	Gender	Email	Contact																										
Object Detection Using CNN	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No																		
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>NITEESHA</td> <td>Student</td> <td>Female</td> <td>niteeshachinnu99@gmail.com</td> <td>8121036308</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	NITEESHA	Student	Female	niteeshachinnu99@gmail.com	8121036308								
Name	Type	Gender	Email	Contact																										
NITEESHA	Student	Female	niteeshachinnu99@gmail.com	8121036308																										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>57</td> <td>Plant disease detection (Leaf)</td> <td>Process Innovation</td> <td>Technological</td> <td></td> <td>Student</td> <td>TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).</td> <td>TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).</td> <td>Innovation Development Ongoing</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	57	Plant disease detection (Leaf)	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No
Name	Type	Gender	Email	Contact																										
57	Plant disease detection (Leaf)	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No																		
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>PRASAHANTHI.G</td> <td>Student</td> <td>Female</td> <td>Prashanthi.ganji96@gmail.com</td> <td>8121456474</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	PRASAHANTHI.G	Student	Female	Prashanthi.ganji96@gmail.com	8121456474								
Name	Type	Gender	Email	Contact																										
PRASAHANTHI.G	Student	Female	Prashanthi.ganji96@gmail.com	8121456474																										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Predicting Influencers in Social network</td> <td>Process Innovation</td> <td>Technological</td> <td></td> <td>Student</td> <td>TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).</td> <td>TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).</td> <td>Innovation Development Completed</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Predicting Influencers in Social network	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No
Name	Type	Gender	Email	Contact																										
Predicting Influencers in Social network	Process Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No																		
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>PRANITHA</td> <td>Student</td> <td>Female</td> <td>pranithakallem@gmail.com</td> <td>8520043435</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	PRANITHA	Student	Female	pranithakallem@gmail.com	8520043435								
Name	Type	Gender	Email	Contact																										
PRANITHA	Student	Female	pranithakallem@gmail.com	8520043435																										

Name	Email
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Name	Email
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Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/V C during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20														
1	TECHTHRILL	Product Innovation,Service Innovation	Technological	684	Student	Venture with Corporate Identification Number (CIN) Registration	1364 of 2019	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	25000	No	No	No												
																Name		DIN number		Type		Gender		Email		Contact	
																Poojitha Moganti		NA		Alumni Entrepreneur		Female		poojithacp@gmail.com		7842752989	
2	AMALYLE LLP	Product Innovation,Process Innovation,Service Inno	Technological	684	Student	Venture with Corporate Identification Number (CIN) Registration	AAT-2025	2019-20	Graduated from the Incubation unit	No	No	No	No	No	No												
																Name		DIN number		Type		Gender		Email		Contact	
																Kavirayuni Viswanath Saketh		8819768		Student		Male		kvsaketh@outlook.com		9963528116	
3	Rudraram. Sai Sri Vatsav	Product Innovation,Process Innovation	Technological	684	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U34100 TG2019 PTC137 691	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No	No												
																Name		DIN number		Type		Gender		Email		Contact	
																Rudraram. Sai Sri Vatsav		08641581		Innovator/Entrepreneur External to Institute		Male		srisri635@gmail.com		7799032959	

4	TRIXedu	Product Innovation,Service Innovation	Technologica l	684	Student	Venture with Corporate Identification Number (CIN) Registration	951 of 2019	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No	
Name		DIN number		Type		Gender		Email		Contact					
G Sainadh Reddy		NA		Student		Male		venkatsainath2000@gmail.com		7892480557					
5	Gift Your Love	Service Innovation	Non-Technologica l	684	Student	Venture with Corporate Identification Number (CIN) Registration	123 of 2019	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	15000	No	No	No
Name		DIN number		Type		Gender		Email		Contact					
S Sri Ganesh		NA		Student		Male		ganeshverma2000@gmail.com		8686131419					

#### List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	T-Hub Foundation	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	67	10-10-2019
2	Atal Incubation Center ALEAP WE-HUB	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation	4	20-01-2020
3	MSME Tool Room (Central Institute of Tool Design)	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	161	14-03-2019
4	Gade Autonomous Systems Private Limited	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation	4	17-12-2019
5	Wadwani Foundation	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	127	17-07-2019
6	ENTREESPHERE NEOTERIC LLP	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation	7	30-08-2019
7	National Research Development Corporation (NRDC)	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	37	05-06-2019
8	TATA ADVANCED SYSTEMS LABORATORIES	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	13	02-01-2020

#### List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Extraction Machine For Handling Banana Stalk Fiber	IPRFiledPublished	318006-001	National	2019 - 07	Uploaded	Filed	No
	Department/Centre Name Department of Mechanical							
2	Slotter-Crank Mechanism Based Garland Making Machine	IPRFiledPublished	318007-001	National	2019 - 07	Uploaded	Filed	No
	Department/Centre Name Department of Mechanical							
3	Hybrid Turbine Intelligent Power Generation System	IPRFiledPublished	318008-001	National	2019 - 07	Uploaded	Filed	No
	Department/Centre Name Department of Mechanical							
4	Three Role Type Crushing Press For Sugarcane	IPRFiledPublished	318009-001	National	2019 - 07	Uploaded	Granted	No
	Department/Centre Name Department of Mechanical							
5	Vertical Axis Wind Turbine With Cambered Airfoils	IPRFiledPublished	3180011-001	National	2019 - 07	Uploaded	Filed	No
	Department/Centre Name Department of Mechanical							
6	Deep Slot Cutting Machine For Rocket Motors	IPRFiledPublished	322109-001	National	2019 - 09	Uploaded	Granted	No
	Department/Centre Name Department of Aeronautica							
7	Drone for Crop Health Monitoring	IPRFiledPublished	327834-001	National	2020 - 03	Uploaded	Granted	No
	Department/Centre Name Department of Electronics							
8	Agri Drone for Health Monitoring	IPRFiledPublished	327835-001	National	2020 - 03	Uploaded	Filed	No

	Department/Centre Name							
	Department of Electrical							
9	Friction Stir Welding Tool for Welding Dissimilar Metals	IPRFiledPublished	327975-001	National	2020 - 03	Uploaded	Filed	No
	Department/Centre Name							
	Department of Aeronautica							
10	Borewell Rescue Equipment	IPRFiledPublished	328377-001	National	2020 - 03	Uploaded	Filed	No
	Department/Centre Name							
	Department of Aeronautica							
11	Multipurpose Tool for Plantation	IPRFiledPublished	328378-001	National	2020 - 03	Uploaded	Filed	
	Department/Centre Name							
	Department of Aeronautica							

#### List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Development Of Micropatterned Surface For Controlling Ice Formation On Aerospace Structures	201941036131	National	2019 - 09	Uploaded
	2	Security Development On Image For Ownership By Cross-Layered Structure Marking	201941040206	National	2019 - 10
Uploaded		3	Surface Functionalized Football Shaped Porous Nanocapsules As Potential Payload For Nanomedicines And Cancer Theranostics	201941037890	National
2019 - 09	Uploaded		4	On-Chip Heterogeneous Multicore Computing System Architecture for Multimedia Data Processing	202041009781
National	2020 - 03	Uploaded		5	Complex Notch Filter For Removal Of Noise In Wireless Receivers
202041002574	National	2020 - 01	Uploaded		6
A Hybrid Security Scheme for Safeguarding Different Kinds of Big Data Outsourced to Cloud	202041009784	National	2020 - 03	Uploaded	

#### List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
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1	NOVEL METHOD TO ACHIEVE HIGH SPEED AND SECURE BACK PROPAGATION LEARNING USING UPRIGHT PARTITIONED DATA WITH INTERNET IF THINGS IOT	PatentsHoldByInnovations	202041017509	Published	Uploaded
Applicant Name		Applicant Type		Start-up/Innovator Name	
Dr. M. Baskar		Incubatee Innovator		Dr. M. Baskar	
2	RETINAL VASCULAR DISEASE DETECTION FROM RETINAL FUNDUS IMAGES USING MACHINE LEARNING	PatentsHoldByInnovations	2020101450	Published	NA
Applicant Name		Applicant Type		Start-up/Innovator Name	
CHANDRA SHAKER PITTALA		Incubatee Innovator		CHANDRA SHAKER PITTALA	
3	Cloud Parking Management System And Vehicle Anti-Theft Method	PatentsHoldByInnovations	201921000271	Published	Uploaded
Applicant Name		Applicant Type		Start-up/Innovator Name	
-		Incubatee Innovator		B. Madhuravani	

### List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

Srno	Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)																		
1	On-chip Heterogeneous Multicore Computing System Architecture for Multimedia Data Processing	IP/Patented Technology	Licensing with Royalty Sharing	202041009781	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>MLR Institute of Technology</td> </tr> <tr> <td>Contact number of license holder</td> <td>7760414507</td> </tr> <tr> <td>Email of Licence holder</td> <td>mahendra.v@mlrinstitutions.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	MLR Institute of Technology	Contact number of license holder	7760414507	Email of Licence holder	mahendra.v@mlrinstitutions.ac.in	Gender	Male	Department of Electronics and Communication Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Akshaya Hitech Enterprise</td> </tr> <tr> <td>Address of Agency</td> <td>205/3, MDV RR Palce, RR Nagar, Bangalore - 560 098</td> </tr> <tr> <td>Contact Number of Agency</td> <td>7259297838</td> </tr> <tr> <td>Email of Agency</td> <td>akshay@hitechs.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Akshaya Hitech Enterprise	Address of Agency	205/3, MDV RR Palce, RR Nagar, Bangalore - 560 098	Contact Number of Agency	7259297838	Email of Agency	akshay@hitechs.com	Yes	10000
Patent/Licence Holder name (Institute Co-ownership is Must)	MLR Institute of Technology																										
Contact number of license holder	7760414507																										
Email of Licence holder	mahendra.v@mlrinstitutions.ac.in																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Akshaya Hitech Enterprise																										
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Contact Number of Agency	7259297838																										
Email of Agency	akshay@hitechs.com																										



**List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

2	Micropattern Surface for Controlling Ice Formation	IP/Patented Technology	Licensing with Royalty Sharing	201941036131	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>MLR Institute of Technology</td> </tr> <tr> <td>Contact number of license holder</td> <td>8056432427</td> </tr> <tr> <td>Email of Licence holder</td> <td>ipfc@mlrinstitutions.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	MLR Institute of Technology	Contact number of license holder	8056432427	Email of Licence holder	ipfc@mlrinstitutions.ac.in	Gender	Male	Department of Aeronautical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Akshaya Hitech Enterprise</td> </tr> <tr> <td>Address of Agency</td> <td>205/3, MDV RR Palace, RR Nagar, Bangalore - 560 098</td> </tr> <tr> <td>Contact Number of Agency</td> <td>7259297838</td> </tr> <tr> <td>Email of Agency</td> <td>akshay@hitechs.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Akshaya Hitech Enterprise	Address of Agency	205/3, MDV RR Palace, RR Nagar, Bangalore - 560 098	Contact Number of Agency	7259297838	Email of Agency	akshay@hitechs.com	Yes	30000
Patent/Licence Holder name (Institute Co-ownership is Must)	MLR Institute of Technology																										
Contact number of license holder	8056432427																										
Email of Licence holder	ipfc@mlrinstitutions.ac.in																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Akshaya Hitech Enterprise																										
Address of Agency	205/3, MDV RR Palace, RR Nagar, Bangalore - 560 098																										
Contact Number of Agency	7259297838																										
Email of Agency	akshay@hitechs.com																										
3	Extraction Machine For Handling Banana Stalk Fiber	IP/Patented Technology	Licensing with Royalty Sharing	318006-001	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>MLR Institute of Technology</td> </tr> <tr> <td>Contact number of license holder</td> <td>8921801578</td> </tr> <tr> <td>Email of Licence holder</td> <td>muhammedanazkhan@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	MLR Institute of Technology	Contact number of license holder	8921801578	Email of Licence holder	muhammedanazkhan@gmail.com	Gender	Male	Department of Mechanical Engineering	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Kurinji Laboratories</td> </tr> <tr> <td>Address of Agency</td> <td>Kuttaicode - Malaicode Rd, Edaicode, Tamil Nadu 629152</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9952298573</td> </tr> <tr> <td>Email of Agency</td> <td>md@kurinjilaboratories.in</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Kurinji Laboratories	Address of Agency	Kuttaicode - Malaicode Rd, Edaicode, Tamil Nadu 629152	Contact Number of Agency	9952298573	Email of Agency	md@kurinjilaboratories.in	Yes	25000
Patent/Licence Holder name (Institute Co-ownership is Must)	MLR Institute of Technology																										
Contact number of license holder	8921801578																										
Email of Licence holder	muhammedanazkhan@gmail.com																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Kurinji Laboratories																										
Address of Agency	Kuttaicode - Malaicode Rd, Edaicode, Tamil Nadu 629152																										
Contact Number of Agency	9952298573																										
Email of Agency	md@kurinjilaboratories.in																										

## 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. K Srinivas Rao (Head of Institute) and Dr. Mahendra Vucha (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



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Dr. K Srinivas Rao  
Head of the Institution,  
Hyderabad, Telangana

Nodal officer



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Dr. Mahendra Vucha  
Nodal Officer,  
Hyderabad, Telangana