



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Malla Reddy College of Engineering and Technology (Autonomous) [ARI-C-19871]

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

Srno	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)
1	Aeronautical Engineering	Academic Department with lab facility	Aerospace engineering, Design , Simulation and Testing	UG / PG / PhD	Technical	288	20	15
2	Computer Science and Engineering	Academic Department with lab facility	Computer Science Engineering, Data Science, AI & ML,IOT	UG / PG / PhD	Technical	773	53	20
3	Electronics and Communications Engineering	Academic Department with lab facility	Electronics, Communications, VLSI, Embedded Systems, Signal Processing	UG / PG / PhD	Technical	776	50	20
4	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical Systems, Energy Engineering	UG / PG / PhD	Technical	120	14	10
5	Information Technology	Academic Department with lab facility	Information Technology, Software Development and Testing	UG / PG / PhD	Technical	420	26	16
6	Mechanical Engineering	Academic Department with lab facility	Mechanical Systems, Design and Manufacturing, Machine Design, Thermal Engineering	UG / PG / PhD	Technical	620	44	18
7	Master of Business Administration	Academic Department with lab facility	Finance, HR, Marketing, Business Management	UG / PG / PhD	Both	480	25	24
8	Science and Humanities	Academic Department with lab facility	Basic and advanced Sciences, Mathematics, English Language, Communication Skills, Soft Skills, Basic programming	UG / PG / PhD	Technical	1020	35	22
9	Startups and Technology Business Incubator	Incubation Unit	Multidisciplinary , Engineering and Technology	UG / PG / PhD	Both	200	50	3
10	Research Center - Web Cognize Softech	Research Unit / Park	Software Development and Solutions	UG / PG / PhD	Technical	746	20	2

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

11	Center for Excellence in Engineering Design	Centre of Excellence with Advance Tools & Equipment	Design , Development and Testing	UG / PG / PhD	Technical	400	12	3
12	Center for Excellence in Automation and Control Engineering	Centre of Excellence with Advance Tools & Equipment	Automation, Control Systems	UG / PG / PhD	Technical	220	6	3
13	Center for Incubation and Innovation	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Technical	168	5	3
14	Center for Excellence in Robotics	Pre-incubation unit	Robotics	UG / PG / PhD	Technical	296	10	2
15	Industry Institute Partnership Cell	Industry Institute Interface Unit	Industry Interface, multidisciplinary	UG / PG / PhD	Technical	500	20	2
16	Entrepreneurship Development Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary, Entrepreneurship and IPR services	UG / PG / PhD	Both	400	10	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	NO	Not Required
Trained Innovation Ambassadors at HEI	NO	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)	No	Not Required

Section 1 > i : 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?
------	-----------------------------	---------------	--------------	------------------	--	--------------------	------------------	---------------------------	------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	------------------------------	---	--

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	CSIR sponsored Two days national level workshop on Machine learning for human-Robot collaborate and Artificial Intelligence awareness	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	20	30	20	40	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
2	Hands-on Training on C programming & Data structures	Innovation	Training	Student Lead Activity	Computer Science and Engineering	08-07-2019 00:00:00	11-07-2019 00:00:00	4	Within Campus	200	10	50	2	262	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No
3	Awareness program on Human Values and Business Ethics	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Business Management (MBA)	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Within Campus	121	12	36	4	173	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No
4	Two Day Workshop on Entrepreneur as a Career	Entrepreneurship/Startup	Workshop	Student Lead Activity	Department of Business Management (MBA)	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Within Campus	151	15	31	3	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	46000	No
5	Four days workshop on C & C++ Programming – Project Based Training	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Electricals and Electronics Engineering	05-08-2019 00:00:00	08-08-2019 00:00:00	4	Within Campus	66	6	12	4	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
6	Python programming with industry perspective	Entrepreneurship/Startup	Training	Institute Lead Activity	NIT Patna	02-12-2019 00:00:00	05-12-2019 00:00:00	4	Within Campus	0	92	0	3	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	500750	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

7	Smart India Hackathon 2020	IPR, Entrepreneurship/Startup, Innovation	Hackathon	Student Lead Activity	All India Council for Technical Education (AICTE)	02-01-2020 00:00:00	05-01-2020 00:00:00	4	Within Campus	120	15	23	4	162	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50075	No						
8	Aavishkar	Innovation	Demo Day	Institute Lead Activity	Humanities and Sciences	01-03-2020 00:00:00	02-03-2020 00:00:00	2	Within Campus	700	25	100	10	835	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>SCIENCE PROJECT</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>HYDRO ELECTRIC PROJECT</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	SCIENCE PROJECT	Title of Innovation / Start-up Secured the Award / Recognition	HYDRO ELECTRIC PROJECT	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	SCIENCE PROJECT																						
Title of Innovation / Start-up Secured the Award / Recognition	HYDRO ELECTRIC PROJECT																						
Award/Recognition/Achievement Received for																							
9	A Workshop on Robotics	Innovation	Workshop	Institute Lead Activity	Humanities and Sciences	26-08-2019 00:00:00	29-08-2019 00:00:00	4	Within Campus	250	10	20	4	284	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200700	No						
10	Workshop on Aero Modeling	Innovation	Workshop	Institute Lead Activity	Humanities and Sciences	27-01-2020 00:00:00	28-01-2020 00:00:00	2	Within Campus	100	5	10	2	117	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	100000	No						
11	A Workshop on Smart Grid	Innovation	Workshop	Institute Lead Activity	Humanities and Sciences	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	60	4	5	2	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No						

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

16	Ideation innovation competition	Entrepreneurship/Startup, Innovation	Ideation	Student Lead Activity	Computer Science and Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	150	8	24	3	185	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7500	Award / Position / Recognition Secured	Gold medal	
																	Title of Innovation / Start-up Secured the Award / Recognition	Portal for Farmers to sell their products at best price	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
17	Hands on training for C & C++ Programming	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Electronics and Communication Engineering	05-08-2019 00:00:00	08-08-2019 00:00:00	4	Within Campus	212	11	46	5	274	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21200	Award / Position / Recognition Secured	Participation Certificate	
																	Title of Innovation / Start-up Secured the Award / Recognition	Secured first place for the best programme	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
18	Logical & Analytical Training Program in association With Time Institute	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Electronics and Communication Engineering	05-08-2019 00:00:00	08-08-2019 00:00:00	4	Within Campus	196	10	34	4	244	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30900	Award / Position / Recognition Secured	Participation	
																	Title of Innovation / Start-up Secured the Award / Recognition	best programmer award	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

19	FDP on Embedded systems and Interfacing Hands - On Under E & ICT Academy , NIT Patna	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	10-06-2019 00:00:00	13-06-2019 00:00:00	4	Within Campus	95	10	14	3	122	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30500	Award / Position / Recognition Secured	CERTIFICATE
																Title of Innovation / Start-up Secured the Award / Recognition	NKN SUMMER COURSE-2019	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
20	Hands-on Machine Learning using Python by Microsoft	Entrepreneurship/Start-up, Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	06-06-2019 00:00:00	09-06-2019 00:00:00	4	Within Campus	260	30	14	3	307	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	29000	Award / Position / Recognition Secured	Certificate
																Title of Innovation / Start-up Secured the Award / Recognition	Best programmer	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
21	International Conference on Soft Computing and Signal Processing organized by MRCET in association with Springer(ICSCSP-2019)	IPR, Innovation	Conference	Institute Lead Activity	Electronics and Communication Engineering	21-06-2019 00:00:00	22-06-2019 00:00:00	2	Within Campus	20	30	20	160	230	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	101561	Award / Position / Recognition Secured	Certificate
																Title of Innovation / Start-up Secured the Award / Recognition	icpspc-2k19	
																Award/Recognition/Achievement Received for		

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

22	A Five day workshop on Enlightening Students towards Enterprise Preface Session (e-STEPS)	IPR, Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Master of Business Management (MBA)	04-09-2019 00:00:00	07-09-2019 00:00:00	4	Within Campus	175	24	60	5	264	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	220000	Award / Position / Recognition Secured	First position
23	A Workshop on Innovative Cash Cows	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Master of Business Management (MBA)	21-11-2019 00:00:00	23-11-2019 00:00:00	3	Within Campus	195	24	24	5	248	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	37500	Award / Position / Recognition Secured	First position
24	BE THE BEE (A Gateway to enter into Entrepreneur World)	Entrepreneurship/Startup, Innovation	Innovation Contest	Institute Lead Activity	Master of Business Management (MBA)	02-08-2019 00:00:00	03-08-2019 00:00:00	2	Within Campus	70	8	17	2	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	Award / Position / Recognition Secured	First position
25	A Career Oriented Contest Program What Next? - Employee/Entrepreneur	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Master of Business Management (MBA)	03-10-2019 00:00:00	04-10-2019 00:00:00	2	Within Campus	220	6	27	5	258	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18500	No	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

26	An Awareness Program on Innovative Marketer and Seller	Entrepreneurship/Startup, Innovation	Awareness	Institute Lead Activity	Master of Business Management (MBA)	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	58	11	13	2	84	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16000	Award / Position / Recognition Secured	Best seller award
																Title of Innovation / Start-up Secured the Award / Recognition	Best selling skill	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
27	An Innovative Program on SMART (FIN DAY)	Entrepreneurship/Startup, Innovation	Ideation	Institute Lead Activity	Master of Business Management (MBA)	09-08-2019 00:00:00	10-08-2019 00:00:00	2	Within Campus	98	8	14	2	122	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	28500	Award / Position / Recognition Secured	First position
																Title of Innovation / Start-up Secured the Award / Recognition	Best Idea Award	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
28	A Workshop to Identify Innovative Brands in the Market (IIBM)	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Master of Business Management (MBA)	05-12-2019 00:00:00	07-12-2019 00:00:00	3	Within Campus	225	16	45	5	291	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000	No	
29	Industrial Visit to Hindustan Coca-Cola Beverages Pvt. Ltd.	Entrepreneurship/Startup, Innovation	Exposure visit	Institute Lead Activity	Master of Business Management (MBA)	21-12-2019 00:00:00	21-12-2019 00:00:00	1	Outside Campus	155	7	0	0	162	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21000	No	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

30	Two days workshop on Obstacle Avoidance Robot	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Electronics and Communication Engineering	16-09-2019 00:00:00	17-09-2019 00:00:00	2	Within Campus	200	10	44	3	257	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	Award / Position / Recognition Secured	First Position
																	Title of Innovation / Start-up Secured the Award / Recognition	Obstacle Avoidance Robot
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
31	Intelligent Manufacturing and Energy Sustainability	IPR	Conference	Institute Lead Activity	Mechanical Engineering	21-06-2019 00:00:00	22-06-2019 00:00:00	2	Within Campus	50	12	10	70	142	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	77132	No	
32	Automation For Smart Industry & Manufacturing	Innovation	Skill development	Institute Lead Activity	Mechanical Engineering	05-12-2019 00:00:00	07-12-2019 00:00:00	3	Within Campus	0	21	0	24	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	29743	No	
33	Workshop on AUTOCAD	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	19-08-2019 00:00:00	22-08-2019 00:00:00	4	Within Campus	121	15	46	4	186	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No	
34	Recent Advances in Big Data Analytics of IoT-Devices using Fog Computing	Entrepreneurship/Startup, Innovation	Skill development	Institute Lead Activity	DEPARTMENT OF INFORMATION TECHNOLOGY	05-03-2020 00:00:00	08-03-2020 00:00:00	4	Within Campus	0	46	0	160	206	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	400000	No	
35	International Conference on Aeronautics and Beyond	Entrepreneurship/Startup, Innovation	Conference	Institute Lead Activity	Department of Aeronautical engineering	21-06-2019 00:00:00	22-06-2019 00:00:00	2	Within Campus	160	26	35	15	236	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

36	Star Marketer and Seller	Entrepreneurship/Startup, Innovation	Start-up Conclave	Student Lead Activity	Department of Business Management (MBA)	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	100	7	0	0	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8500	Award / Position / Recognition Secured	first position
																Title of Innovation / Start-up Secured the Award / Recognition	Best marketing approach	
																Award/Recognition/Achievement Received for		
37	BE the BEE A Gateway to Enter into Corporate World	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	Department of Business Management (MBA)	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Within Campus	240	15	57	5	317	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9500	No	
38	Interaction with simulation environment	Innovation	Mentoring Session	Institute Lead Activity	Department of Aeronautical Engineering	05-08-2019 00:00:00	05-08-2019 00:00:00	1	Within Campus	85	15	14	2	116	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No	
39	Guest lecture for freshers by Dr. B.V Pattabhiram sir	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Humanities and Sciences	05-08-2019 00:00:00	05-08-2019 00:00:00	1	Within Campus	250	100	0	0	350	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6300	No	
40	Finday Program	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Department of Business Management (MBA)	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	240	10	33	4	287	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	No	
41	ITalk	Innovation	Ideation	Institute Lead Activity	Mechanical Engineering Department	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	120	15	42	5	182	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8500	No	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

42	Industrial Visit to 400KV substation Malkaram	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Electrical and Electronics Engineering	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Outside Campus	115	4	0	0	119	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No
----	---	--------------------------	----------------	-------------------------	--	---------------------	---------------------	---	----------------	-----	---	---	---	-----	--	-------	----

Section 1 > ii : 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

Smo	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	Entrepreneurship Development Programme (EDP) from the Entrepreneurs Academy Hyderabad.	Entrepreneurship/Startup	Seminar	Entrepreneurs Academy Hyderabad and MRCET	Non-Govt. Agencies	21-12-2019 00:00:00	21-12-2019 00:00:00	1	121	12	133	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	33000	No
2	Hands on Workshop on Electrical Switchgear and its Applications In Association with DBSON	Innovation	Workshop	DBSON UNIVERSAL POWER CONTROLS	Non-Govt. Agencies	20-12-2019 00:00:00	23-12-2019 00:00:00	4	123	10	133	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	96081	No
3	INDUSTRIAL VISIT TO Dr. NARLATA RAO thermal power station(VTPS), Vijayawada	Innovation	Exposure visit	Electrical and Electronics Engineering	Govt. Agency (State)	01-02-2020 00:00:00	01-02-2020 00:00:00	1	56	4	60	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	40362	No
4	Industrial Visit To Srisaillam Left Bank Hydro Electric Station(900MW)	Entrepreneurship/Startup	Exposure visit	TS GENCO	Govt. Agency (State)	07-07-2019 00:00:00	08-07-2019 00:00:00	2	67	12	79	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	50000	No

Section 1 > ii : 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

5	CSI inauguration and technical talk on block chain technology	Entrepreneurship/Startup	Skill development	computer society of india(CSI)	Govt. Agency (State)	02-11-2019 00:00:00	02-11-2019 00:00:00	1	220	73	293	Yes	Student President	Best Innovation	Total Total Expense Amount Incurred by Institute? (In Rupees)	100000	Award / Position / Recognition Secured	Student President
																Title of Innovation / Start-up Secured the Award / Recognition	Best Innovation	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
6	One day workshop on C by IIT Bombay	Innovation	Workshop	IIT BOMBAY	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	200	75	275	Yes	Best debugging	As a good coding student	Total Total Expense Amount Incurred by Institute? (In Rupees)	155000	Award / Position / Recognition Secured	Best debugging
																Title of Innovation / Start-up Secured the Award / Recognition	As a good coding student	
																Award/Recognition/Achievement Received for	Novel Research Paper/Work	
7	One week workshop on Machine learning using Watson studio	Innovation	Workshop	IBM WATSON Studio	Corporate / Industry Association	10-03-2020 00:00:00	13-03-2020 00:00:00	4	200	73	273	Yes	best innovation	machine learning	Total Total Expense Amount Incurred by Institute? (In Rupees)	255000	Award / Position / Recognition Secured	best innovation
																Title of Innovation / Start-up Secured the Award / Recognition	machine learning	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
8	T-HUB	Entrepreneurship/Startup	Start-up Conclave	Government of Telangana	Govt. Agency (State)	01-12-2019 00:00:00	04-12-2019 00:00:00	4	34	0	34	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	50000	No	

Section 1 > ii : 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	Automobile and IC Engine workshop	Innovation	Workshop	Kyriion Technologies at IIT Hyderabad	Corporate / Industry Association	14-02-2020 00:00:00	15-02-2020 00:00:00	2	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No						
10	Technomania	IPR	Skill development	MALLA REDDY INSTITUTE OF TECHNOLOGY AND SCIENCE(MRITS)	Educational Institute	24-01-2020 00:00:00	25-01-2020 00:00:00	2	40	2	42	Yes	First Prize	Best Paper Presentation	Total Total Expense Amount Incurred by Institute? (In Rupees)	4000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Paper Presentation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Presentation	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	First Prize																						
Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Presentation																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
11	TECHNO TSAV 2020	Entrepreneurship/Startup	Skill development	MALLA REDDY INSTITUTE OF ENGINEERING AND TECHNOLOGY(MRIET)	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	32	2	34	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	No						
12	python programming with industry perspective	Entrepreneurship/Startup	Workshop	NIT Patna	Govt. Agency (Central)	02-12-2019 00:00:00	05-12-2019 00:00:00	4	0	28	28	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	56000	No						
13	Hands on workshop on Artificial intelligence and Deep learning	Entrepreneurship/Startup	Workshop	BVRaju institute of technology and BENNETT University	Educational Institute	11-12-2019 00:00:00	14-12-2019 00:00:00	4	0	5	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25000	No						
14	One week faculty development on programming for problem solving-a pedagogical approach	Entrepreneurship/Startup	Training	JNTUH-HYDERABAD	Govt. Agency (State)	22-07-2019 00:00:00	25-07-2019 00:00:00	4	0	5	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						

Section 1 > ii : 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

15	One week faculty development on Fundamentals of Machine Learning, Deep Learning and their Applications in Cyber Security	Entrepreneurship/Startup	Skill development	PSNA College of Engineering and Technology	Educational Institute	14-11-2019 00:00:00	17-11-2019 00:00:00	4	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
16	One Week FDP on IOT using Python	Entrepreneurship/Startup	Training	CMR Engineering college, Hyderabad	Educational Institute	02-07-2019 00:00:00	05-07-2019 00:00:00	4	0	5	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
17	Two weeks FDP on Cyber Security	Entrepreneurship/Startup	Skill development	Guru Nanak Institute of Engineering and Technology	Educational Institute	09-12-2019 00:00:00	12-12-2019 00:00:00	4	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4000	No						
18	One week FDP on Internet of Things	Entrepreneurship/Startup	Training	Marri Laxman Reddy Institute of Technology and Management	Educational Institute	15-11-2019 00:00:00	18-11-2019 00:00:00	4	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4000	No						
19	Microsoft AI Classroom Series	Innovation	Ideation	Microsoft	Corporate / Industry Association	02-12-2019 00:00:00	05-12-2019 00:00:00	4	20	0	20	Yes	Participation Certificate	Microsoft AI Classroom Series	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Participation Certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Microsoft AI Classroom Series</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Participation Certificate	Title of Innovation / Start-up Secured the Award / Recognition	Microsoft AI Classroom Series	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	Participation Certificate																						
Title of Innovation / Start-up Secured the Award / Recognition	Microsoft AI Classroom Series																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						

Section 1 > ii : 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	Oxford achiever	Entrepreneurship/Startup	Skill development	Oxford University	Educational Institute	01-10-2019 00:00:00	04-10-2019 00:00:00	4	240	0	240	Yes	Merit Certificate	Microsoft Achiever	Total Total Expense Amount Incurred by Institute? (In Rupees)	3500	Award / Position / Recognition Secured	Merit Certificate
																	Title of Innovation / Start-up Secured the Award / Recognition	Microsoft Achiever
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
21	Lead Generation Master class	Entrepreneurship/Startup	Road Show	Pixel track	Corporate / Industry Association	04-12-2019 00:00:00	04-12-2019 00:00:00	1	5	0	5	Yes	Certificate	Lead Generation master class	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	Award / Position / Recognition Secured	Certificate
																	Title of Innovation / Start-up Secured the Award / Recognition	Lead Generation master class
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
22	WAC 2019	Innovation	Skill development	IIT HYDERABAD	Educational Institute	11-08-2019 00:00:00	14-08-2019 00:00:00	4	29	2	31	Yes	Participation certificate	Internet of things workshop	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	Participation certificate
																	Title of Innovation / Start-up Secured the Award / Recognition	Internet of things workshop
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
23	CONNAISSANCE 2020	Entrepreneurship/Startup	Workshop	JNTUH-CEH	Educational Institute	25-02-2020 00:00:00	26-02-2020 00:00:00	2	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No	

Section 1 > ii : 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

24	IDEA GENERATION FOR ENTREPRENEURS	Entrepreneurship/Startup	Training	NI-MSME	Govt. Agency (Central)	02-12-2019 00:00:00	04-12-2019 00:00:00	3	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
25	Gasoline Electric Formula Car Design Development	Innovation	Innovation Contest	Mahatma Gandhi Institute of Technology	Educational Institute	10-12-2019 00:00:00	13-12-2019 00:00:00	4	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1500	No
26	electric two wheeler design	Entrepreneurship/Startup	Innovation Contest	Madras Institute of Technology, campus	Educational Institute	25-01-2020 00:00:00	26-01-2020 00:00:00	2	6	1	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	17300	No
27	AERO-CRAFT PROCESSES AND AEROMATERIALS	Innovation	Workshop	NATIONAL INSTITUTE OF TECHNOLOGY, ROORKE LA	Educational Institute	23-05-2019 00:00:00	26-05-2019 00:00:00	4	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1500	No
28	INTERNATIONAL CONFERENCE ON PROCESSING AND CHARACTERIZATION OF MATERIALS	Innovation	Conference	NATIONAL INSTITUTE OF TECHNOLOGY, ROORKE LA	Educational Institute	12-12-2019 00:00:00	14-12-2019 00:00:00	3	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
29	ETHICAL HACKING WORKSHOP	Innovation	Hackathon	St MARTIN S ENGINEERING COLLEGE	Educational Institute	31-01-2020 00:00:00	03-02-2020 00:00:00	4	3	0	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
30	KUBERNETES MICROSERVICES AND DOCKER CONTAINERS MEETUP	Innovation	Seminar	VERIZON DATA SERVICES INDIA PVT. LTD.	Corporate / Industry Association	26-07-2019 00:00:00	26-07-2019 00:00:00	1	3	1	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2100	No

Section 1 > ii : 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

31	AWARENESS IN ACTION A SYMPOSIUM ON EMERGING TECHNOLOGIES	Innovation	Awareness	JNTUH	Educational Institute	02-08-2019 00:00:00	02-08-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1200	No
----	--	------------	-----------	-------	-----------------------	---------------------	---------------------	---	---	---	---	----	-----	-----	---	------	----

Section 2 > i : 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	Intellectual Property Rights (MBA I Year II SEM)	IPR	Elective/Core Credit Course	Master	Department of Business Management (MBA)	04-02-2020	30-06-2020	148	Offline	236	58
2	Entrepreneurship (MBA I Year II SEM)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Business Management (MBA)	04-02-2020	30-06-2020	148	Offline	236	58
3	Innovative Entrepreneurship-Case Study (MBA II Year II SEM)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Business Management (MBA)	04-02-2020	30-06-2020	148	Offline	226	30
4	To get knowledge about fog computing and Big data analytics of IoT- device	Innovation	Short term Course	Bachelor	Computer Science Engineering	05-03-2020	03-10-2020	213	Offline	150	42
5	How to become a Entrepreneurship and how to start innovation	Entrepreneurship/Startup	Short term Course	Bachelor	Computer science Engineering	04-07-2019	11-07-2019	8	Offline	200	42
6	To full fill the gap between college to industry	Entrepreneurship/Startup	Short term Course	Bachelor	Computer Science Engineering	02-12-2019	06-12-2019	5	Offline	200	30
7	INTELLECTUAL PROPERTY RIGHTS	IPR	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	16-12-2019	14-04-2020	121	Offline	60	67
8	Short term course on Innovation And Intellectual Property Rights	IPR	Short term Course	Bachelor	Electronics and Communication Engineering	06-01-2020	10-01-2020	5	Offline	218	30
9	INTELLECTUAL PROPERTY RIGHTS	IPR	Elective/Core Credit Course	Credit Course (Elective)	Electronics and Communication Engineering	09-12-2019	30-03-2020	113	Offline	240	60
10	Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	16-12-2019	25-04-2020	132	Offline	180	46

11	NANO TECHNOLOGY	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Electronics and Communication Engineering	09-12-2019	30-03-2020	113	Offline	240	60
12	ROBOTICS and AUTOMATION	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Electronics and Communication engineering	09-12-2019	30-03-2020	113	Offline	240	60
13	Green Energy Systems	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical	16-12-2019	25-04-2020	132	Offline	180	46
14	Data Structures using python	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	16-12-2019	25-04-2020	132	Offline	180	46
15	Innovation and Design Thinking	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	13-06-2019	30-11-2019	171	Offline	180	46

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	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	One Week Workshop on Managerial Skill Development Programme An Awareness Program on Entrepreneurial Readiness for Career Success	Entrepreneurship/Startup, Innovation	MDP in I&E / IPR	Department of Business Management (MBA)	08-04-2019	13-04-2019	6	Offline	188	30
2	One-week crash course on Innovation And Entrepreneurship	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Computer Science and Engineering	04-07-2019	11-07-2019	8	Offline	200	42
3	FDP on Python Programming With Industry Perspective	Innovation	FDP in I&E / IPR	Computer Science and Engineering	02-12-2019	06-12-2019	5	Offline	60	30
4	FDP on recent advanced in big data analytics of IoT-devices using fog computing	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Computer Science and Engineering	05-03-2020	10-03-2020	6	Offline	150	42
5	Faculty Development Program on VLSI chip design using Open source EDA tools	Entrepreneurship/Startup	FDP in I&E / IPR	NIT PATNA(EICT)	16-12-2019	20-12-2019	5	Online	90	30
6	One Week Faculty Development Program on Implementation and Simulation of Electrical Engineering Applications Using PLECS Tool	Entrepreneurship/Startup	FDP in I&E / IPR	PLEXIM SWITZERLAND	25-05-2019	29-05-2019	5	Online	280	30
7	IBM Certification Course	IPR, Entrepreneurship/Startup	Employment Generation Training Programs	MALLA REDDY COLLEGE OF ENGINEERING AND TECHNOLOGY	11-03-2020	14-03-2020	4	Offline	119	30
8	One Week Hands on Workshop on Electrical Switchgear and its Applications In Association with DBSON	Innovation	EDP in I&E / IPR	ELECTRICAL and ELECTRONICS ENGINEERING	20-12-2019	28-12-2019	9	Offline	133	42
9	EMBEDDED SYSTEMS AND INTERFACING HANDS ON UNDER E and ICT ACADEMY MeitY Govt of India	Innovation	FDP in I&E / IPR	Electronics and Communication Engineering	10-06-2019	14-06-2019	5	Offline	95	30

10	FDP On VLSI chip design hands on using open source EDA EICT ACADEMY MeitY	Innovation	FDP in I&E / IPR	Electronics and Communication Engineering	16-12-2019	20-12-2019	5	Online	80	30
11	EDP on Entrepreneurship Motivation and Leadership	Entrepreneurship/Startup	EDP in I&E / IPR	Electronics and Communication Engineering	27-05-2019	31-05-2019	5	Offline	76	30
12	Campus Recruitment Training	Entrepreneurship/Startup	Employment Generation Training Programs	TRIUMPT INSTITUTE OF MANAGEMENT EDUCATION	01-06-2019	09-06-2019	9	Offline	120	36
13	FDP On Automation for Smart Industry and Manufacturing	Innovation	FDP in I&E / IPR	Mechanical Engineering	05-12-2019	09-12-2019	5	Offline	40	32
14	Smartsteps	Entrepreneurship/Startup, Innovation	EDP in I&E / IPR	Master of Business Administration	09-04-2019	13-04-2019	5	Offline	100	30
15	Faculty Development Programme on Machine learning and Deep learning	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Department of computer science engineering	29-04-2019	04-05-2019	6	Offline	153	36
16	CRT Program on Data Structures	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	College Level associated with Path Creators	08-07-2019	13-07-2019	6	Offline	100	30
17	CRT Programme on C language	IPR, Entrepreneurship/Startup	Employment Generation Training Programs	Electronics and Communication Engineering	05-08-2019	08-08-2019	4	Offline	240	30
18	Design and Fabrication of multipurpose wheel chair for disabled persons	Innovation	Employment Generation Training Programs	Mechanical Engineering	16-12-2019	28-03-2020	104	Offline	3	71
19	Design and Fabrication of self balancing hover board	Innovation	Employment Generation Training Programs	Mechanical Engineering Department	16-12-2019	28-03-2020	104	Offline	3	75
20	Design and Fabrication of solar E-bike	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Mechanical Engineering Department	16-12-2020	02-02-2021	49	Offline	6	72

Section 2 > iii : 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	Dheeraj Kumar Gara	Aeronautical Engineering Department	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
	Innovation Ambassador Training Series	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Ministry of Education, govt of India	Govt. Agency (Central)	02-02-2020 00:00:00	07-02-2020 00:00:00	6	Offline
2	Ajith Raj R	Aeronautical Engineering Department	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
	Innovation Ambassador Training for HEI's	Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Ministry of Education	Govt. Agency (Central)	02-02-2020 00:00:00	05-02-2020 00:00:00	4	Offline

3	Dr. P H V Sesha Talpa Sai	Mechanical Engineering Department	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
	Innovation Ambassador Training Series	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Ministry of Education, govt of India	Govt. Agency (Central)	02-02-2020 00:00:00	07-02-2020 00:00:00	6	Offline
4	Aniket Trivedi	ECE	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
	One week crash course on Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Malla Reddy College of Engineering and Technology	Educational Institute	03-06-2020 00:00:00	10-06-2020 00:00:00	8	Online
5	Haseena Bee	Mechanical Engineering Department	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
	One week crash course on Innovation and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Malla Reddy College of Engineering and Technology	Educational Institute	03-06-2020 00:00:00	10-06-2020 00:00:00	8	Online
6	M L R Chaitanya Lahari	Mechanical Engineering Department	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
	One week crash course on innovation and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Malla Reddy College of engineering and Technology	Educational Institute	02-02-2020 00:00:00	07-02-2020 00:00:00	6	Online
7	Mallikharjuna	Electrical and Electronics 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
	One week crash course on innovation and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Malla Reddy College of Engineering and Technology	Educational Institute	02-02-2020 00:00:00	07-02-2020 00:00:00	6	Online
8	D Sujatha	Computer Science 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
	One week crash course on innovation and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Malla Reddy College of Engineering and Technology	Educational Institute	02-02-2020 00:00:00	07-02-2020 00:00:00	6	Online
9	S Srinivasa Rao	Electrical and electronic 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
One week crash course on innovation and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Malla Reddy College of engineering and technology	Educational Institute	02-02-2020 00:00:00	07-02-2020 00:00:00	6	Online

Section 3 > i : 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	MRCET Innovation Club(MIC)	Innovation Club	2019	Co-working Space, Work Stations	Incubation Unit	1	S D Adithya Kannantha	akadithya10@gmail.com	9676921651
2	Mechatronics	Innovation Club	2019	Co-working Space	Pre-Incubation Unit	5	Rajagopal chary	rgcsrcom@gmail.com	9502047809
3	Aerodyne club	Idea Club	2019	Co-working Space	Incubation Unit	5	Rajeeth chetty	rajeeth.chetty0906@gmail.com	9182942402
4	Solar power club	Startup Club	2019	Co-working Space	Incubation Unit	1	Atithi singh	atithi9@gmail.com	6303681901
5	Student Activity Centre	Idea Club	2019	Co-working Space	Pre-Incubation Unit	1	Apoorva jayanthi	jayanthiaporva@gmail.com	7093322778
6	IoT and Embedded systems	Startup Club	2019	Co-working Space	Incubation Unit	1	Sai Anand	saianand439@gmail.com	9603462615

Section 3 > ii > a : 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?
------	-------------------------------	------------------	-----------------------	--	---	---	------------------	---	---	--	--

Section 3 > ii > a : 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)

1	Center for incubation and innovation	Innovation Centre	2018	Co-working Space	Incubation Unit, Centre of Excellence with Advance Tools	Incubation Unit, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Srikar Potnuru</td> </tr> <tr> <td>Facility Incharge Email</td> <td>srikar.potnuru@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7064364314</td> </tr> </table>	Facility Incharge Name	Dr. Srikar Potnuru	Facility Incharge Email	srikar.potnuru@gmail.com	Facility Incharge Phone	7064364314	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>15000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>51500</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>12000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	15000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	51500	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	12000	Yes
Facility Incharge Name	Dr. Srikar Potnuru																								
Facility Incharge Email	srikar.potnuru@gmail.com																								
Facility Incharge Phone	7064364314																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	15000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	51500																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	12000																								
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				Malla Reddy College of Engineering and Technology			Educational Institute		817000																
Funding Agency				Path Creators			Corporate / Industry Association		208000																

Section 3 > ii > a : 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	Centre of Robotics and Mechatronics	Design Centre	2018	3D Printing & Prototype Equipment	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name	Raman janeyulu	3	Yes	Yes		Yes	
							Facility Incharge Email	ram.mrcet@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	18900		
							Facility Incharge Phone	9666664861			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	23400		
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	13500		
				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				Robotrix Private Limited			Corporate / Industry Association		511000	

Section 3 > ii > a : 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	Center for Big Data Analytics	Maker's Space	2018	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>D Subbarao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>subbu.mrcet2019@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8328264226</td> </tr> </table>	Facility Incharge Name	D Subbarao	Facility Incharge Email	subbu.mrcet2019@gmail.com	Facility Incharge Phone	8328264226	3	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>185000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>17500</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>12500</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	185000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	17500	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	12500	Yes
Facility Incharge Name	D Subbarao																								
Facility Incharge Email	subbu.mrcet2019@gmail.com																								
Facility Incharge Phone	8328264226																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	185000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	17500																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	12500																								
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				Malla Reddy College of Engineering and Technology			Educational Institute		369850																
Funding Agency				Coign Technologies			Corporate / Industry Association		274450																

Section 3 > ii > b : 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?
------	----------------------	-----------------------	--	---	------------------	---	--	---	---

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	Centre for Excellence in Automation and Control engineering	2018	Incubation Unit, Innovation Labs	Malla Reddy College of Engineering and Technology	Facility Incharge Name	Dr. B Jain A R Tony	3	Yes	Yes		Yes
					Facility Incharge Email	jaintonyb@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	18000	
					Facility Incharge Phone	99620 10720			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	44500	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	21500	
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		Malla Reddy College of Engineering and Technology			Educational Institute		406500				
Funding Agency		Hello Robotics			Corporate / Industry Association		328500				

Section 3 > ii > c : 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?
------	-----------------------------	-----------------------	---	---	------------------	---	--	--	--

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

1	Center for Excellence in Engineering Design	2018	Pre-Incubation, Innovation Labs	Malla Reddy College of Engineering and Technology	Facility Incharge Name	Dr. Lokesh Rao	5	Yes	Yes		Yes
					Facility Incharge Email	lokeshr ao@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	20000	
					Facility Incharge Phone	6309706246			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	7200	
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)				
Institute's Own Fund / Resource		Malla Reddy College of Engineering and Technology			Educational Institute		20000				
Funding Agency		Win win Technologies			Corporate / Industry Association		204500				
2	Research center-web cognize softtech	2018	Innovation Park/Research Park, Centre of Excellence with Advance Tools	Malla Reddy College of Engineering and Technology	Facility Incharge Name	Dr. D Sujatha	5	Yes	Yes		Yes
					Facility Incharge Email	mrcetcese2004@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	300000	
					Facility Incharge Phone	8946002250			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	120000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	50000	
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)				
Institute's Own Fund / Resource		Malla Reddy College of Engineering and Technology			Educational Institute		785500				

Section 3 > ii > d : 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?														
1	Startups and Technology Business Incubator	2018	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools	MSME	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. P H V Sessa Talpa Sai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>polamrajusai@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>934766556</td> </tr> </table>	Facility Incharge Name	Dr. P H V Sessa Talpa Sai	Facility Incharge Email	polamrajusai@gmail.com	Facility Incharge Phone	934766556	08	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>42300</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>31400</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>49200</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	42300	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	31400	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	49200	Yes
Facility Incharge Name	Dr. P H V Sessa Talpa Sai																						
Facility Incharge Email	polamrajusai@gmail.com																						
Facility Incharge Phone	934766556																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	42300																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	31400																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	49200																						
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)															
		Institute's Own Fund / Resource		Malla Reddy college of engineering and Technology		Educational Institute		628300															
		Funding Agency		Vsky Aerospace LLP		Corporate / Industry Association		203400															

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre 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 IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
------	--	-----------------------	--	---	------------------	---	--	---	---

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	MRCET IPR Cell	2018	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools	Malla Reddy College of Engineering and technology	Facility Incharge Name	Dr. Ajith Raj R	6	Yes	Yes		Yes
					Facility Incharge Email	ajithraj006@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	4000	
					Facility Incharge Phone	9047417188			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	2000	
									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)		
Institute's Own Fund / Resource				Malla Reddy College of Engineering and Technology			Educational Institute		121000		

Section 3 > iii > a : 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	Dheeraj Kumar Gara	Assistant professor	Idea/Innovation Development	3

Section 3 > iii > a : 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)
		Haptic based smart walk	Within	
		Haptic based smart walk	Within	
		Hologram based Augmented Reality Teaching aid	Within	
		Hologram based Augmented Reality Teaching aid	Within	
		Generation of Electricity from Footstep	Within	
		Generation of Electricity from Footstep	Within	
		Flapping wing drones	Within	
		Flapping wing drones	Within	
		Renewable Bin	Within	
		Renewable Bin	Within	
		Accelerator for innovation and entrepreneurship	Within	
		Accelerator for innovation and entrepreneurship	Within	
		The Ultimate Desert Shoe	Outside	
		The Ultimate Desert Shoe	Outside	
		To study the effectiveness of natural nesal drop on snoring	Outside	
		To study the effectiveness of natural nesal drop on snoring	Outside	
		uMATTRESSES	Outside	
		uMATTRESSES	Outside	
		Cost effective Early age Breast cancer detection system	Outside	
		Cost effective Early age Breast cancer detection system	Outside	
		Ayurvedic cure of intestinal worms	Outside	
		Ayurvedic cure of intestinal worms	Outside	
2	Dr. P H V Sessa Talpa Sai	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	10

Section 3 > iii > a : 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)	
		Wood polymer nano composites for structural applications		Within		
		Wood polymer nano composites for structural applications		Within		
		Design and Development of thermoelectric refrigerator		Within		
		Design and Development of thermoelectric refrigerator		Within		
		Generation of electricity through artificial nano trees		Within		
		Generation of electricity through artificial nano trees		Within		
		Smart cooker		Within		
		Smart cooker		Within		
		Hybrid cart		Within		
		Hybrid cart		Within		
		Generation of electricity from foot steps		Within		
		Generation of electricity from foot steps		Within		
		Solar based chemical sprayer		Within		
		Solar based chemical sprayer		Within		
		Baby warming unit		Within		
		Baby warming unit		Within		
3	Ajith Raj R	Associate Professor	IPR Protection & Commercialization		5	
			Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
			Structural health monitoring of civil structures		Within	
			Structural health monitoring of civil structures		Within	
			hybrid jet engine for application of UAV propulsion		Within	
			hybrid jet engine for application of UAV propulsion		Within	
			Haptic based smart walk		Within	
			Haptic based smart walk		Within	
4	Aniket Trivedi	Assistant Professor	Idea/Innovation Development		2	
			Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		IoT based industrial automation		Within		
5	M L R Chaitanya Lahari	Assistant Professor	Idea/Innovation Development		5	

Section 3 > iii > a : 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)
	Nano fluids for heat transfer augmentation in automobiles		Within	
6	Haseena Bee	Assistant professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Nano coolants in manufacturing sector		Within	
7	S Srinivasa Rao	Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT based home automation		Within	
8	D Sujatha	Professor	IPR Protection & Commercialization	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Big data analytics		Within	
9	Mallikharjuna	Associate Professor	Entrepreneurship/Startup Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Robotics in industry applications		Within	

Section 3 > iii > b : 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	National Research Development corporation	IPR Protection & Commercialization	Unstructured Mentorship
2	MSME, GoI	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	Unstructured Mentorship
3	T-hub, Govt of Telangana	Idea/Innovation Development, Entrepreneurship/Startup Development	Unstructured Mentorship
4	Digimind systems Pvt Ltd	Idea/Innovation Development	Unstructured Mentorship
5	Winwill Technologies	Idea/Innovation Development	Unstructured Mentorship
6	Coign technologies	Idea/Innovation Development	Unstructured Mentorship
7	Tulasi Engineering	Idea/Innovation Development	Unstructured Mentorship

Section 4 : 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 Electric Bike	Product Innovation	Technological	IPR Cell/Technology Transfer Centre	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	20000	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>Bhavana Bharatham</td> <td>Student</td> <td>Female</td> <td>bhavanabharatham@gmail.com</td> <td>7095714377</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	Bhavana Bharatham	Student	Female	bhavanabharatham@gmail.com	7095714377								
Name	Type	Gender	Email	Contact																			
Bhavana Bharatham	Student	Female	bhavanabharatham@gmail.com	7095714377																			
				<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>C S Ravi Teja</td> <td>Student</td> <td>Male</td> <td>chinnakotalasairaviteja@gmail.com</td> <td>7382057504</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	C S Ravi Teja	Student	Male	chinnakotalasairaviteja@gmail.com	7382057504								
Name	Type	Gender	Email	Contact																			
C S Ravi Teja	Student	Male	chinnakotalasairaviteja@gmail.com	7382057504																			
2	HEART DISEASE PREDICTION USING MACHINE LEARNING	Service Innovation	Technological	Incubation Unit	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	200000	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>Dr. NS GOWRI GANESH</td> <td>Faculty</td> <td>Male</td> <td>mrcetgg@gmail.com</td> <td>9894602326</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	Dr. NS GOWRI GANESH	Faculty	Male	mrcetgg@gmail.com	9894602326								
Name	Type	Gender	Email	Contact																			
Dr. NS GOWRI GANESH	Faculty	Male	mrcetgg@gmail.com	9894602326																			

Name		Type				Gender		Email		Contact		
M.VAZRZLU		Faculty				Male		mvazralu1206@mrct.ac.in		7337423962		
3	Beyond text QA Multimedia Answer Generation by Web Harvesting	Product Innovation	Technological	Incubation Unit	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10200	No
	Name		Type				Gender		Email		Contact	
	Dr. D. Sujatha		Faculty				Female		sujatha.dandu@gmail.com		8978918912	
	Name		Type				Gender		Email		Contact	
Dr. S. Shanthi		Faculty				Female		shanu_sivak@yahoo.com		7382630002		
4	Predict the onset of diabetes based on diagnostic measures	Product Innovation	Technological	Pre-Incubation Unit	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 13250	No
	Name		Type				Gender		Email		Contact	
	Dr. Thayyaba Khatoon MD		Faculty				Female		thayyaba.khatoon16@gmail.com		9542435324	
	Name		Type				Gender		Email		Contact	
Dr. V. Chandrasekhar		Faculty				Male		drchandru86@gmail.com		9944224662		

5	flexible bi concentrator pv solar panel	Process Innovation	Technological	Incubation Unit	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15625	No	No
Name		Type			Gender		Email			Contact			
PRVALIKA V		Student			Female		Vayyapralika@gmail.com			9133546031			
Name		Type			Gender		Email			Contact			
KONDABABU V		Student			Male		kondababu931@gmail.com			7981451034			
6	Haptic based smart walk	Product Innovation	Technological	Malla Reddy College of Engineering and Technology	Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	Grant Amount in Rs 21500	No	No
Name		Type			Gender		Email			Contact			
S D Adithya		Student			Male		akadithya10@gmail.com			9676921651			
Name		Type			Gender		Email			Contact			
Dheeraj kumar Gara		Faculty			Male		dheeru498@gmail.com			9700749752			
7	Generation of Electricity from footstep	Product Innovation	Technological	Malla Reddy College of Engineering and Technology	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 Completed	No	No	Grant Amount in Rs 21250	No	No

Name		Type				Gender		Email			Contact				
Dheeraj Kumar gara		Faculty				Male		dheeru498@gmail.com			9700749752				
Name		Type				Gender		Email			Contact				
Raj pranav		Student				Male		rajpranav4040@gmail.com			9949390549				
8	Hologram based Augmented Reality Teaching aid	Product Innovation	Technological	Malla Reddy College of Engineering and Technology	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	Agency Name	Microsoft	No	Grant Amount in Rs	10150	No	No
								Agency Type	Corporate / Industry Association						
								Award / Position / Recognition Secured	Project Association for Technology development						
Name		Type				Gender		Email			Contact				
Torsha Nandy		Student				Female		nandytorsha@gmail.com			9100896306				
Name		Type				Gender		Email			Contact				
Dheeraj kumar Gara		Faculty				Male		dheeru498@gmail.com			9700749752				
P H V Sesha Talpa Sai		Faculty				Male		polamrajusai@gmail.com			9347665556				
9	Flapping wing Drones	Product Innovation	Technological	Malla Reddy College of Engineering and Technology	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	27000	No	No	

Name		Type		Gender		Email		Contact						
Gunjan Raghav		Student		Female		08gunjan99@gmail.com		8790046663						
Name		Type		Gender		Email		Contact						
Dheeraj kumar Gara		Faculty		Male		dheeru498@gmail.com		9700749752						
10	Wood polymer nano composites for structural applications	Process Innovation	Technological	Malla Reddy College of Engineering and Technology	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	36500	No	No
Name		Type		Gender		Email		Contact						
P H V Sessa Talpa Sai		Faculty		Male		polamrajusai@gmail.com		9347665556						
Name		Type		Gender		Email		Contact						
Pavan kumar R		Student		Male		pavannagur007@gmail.com		9493905406						
11	Thermoelectric Refrigerator	Product Innovation	Technological	Malla Reddy College of Engineering and Technology	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	12570	No	No
Name		Type		Gender		Email		Contact						
P H V Sessa Talpa Sai		Faculty		Male		polamrajusai@gmail.com		9347665556						
Name		Type		Gender		Email		Contact						
Damodar Reddy		Faculty		Male		polamrajusai@gmail.com		9948125666						

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Sr no	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/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 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	Fortune Enterprises	Service Innovation	Technological	45	Student	Venture with Corporate Identification Number (CIN) Registration	2018-19	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 120000	No	Amount Received in Rs 30000	No
---	---------------------	--------------------	---------------	----	---------	---	---------	--	----	------------------------------	----	--------------------------------	----

Name	DIN number	Type	Gender	Email	Contact
Niranjan	36AIUPC8693DIZS	Student	Male	fortuneenterprises005@gmail.com	9550465130
TRINADH NARAHARI	-	Alumni Entrepreneur	Male	ntrinadh03@gmail.com	8886512220

2	Coign Consultants Pvt. Ltd.	Service Innovation	Non-Technological	83	Alumni	Venture with Corporate Identification Number (CIN) Registration U72200AP2006PTC051110	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 100000	No	Amount Received in Rs 15600	No
---	-----------------------------	--------------------	-------------------	----	--------	--	---------	--	----	------------------------------	----	--------------------------------	----

Name	DIN number	Type	Gender	Email	Contact
Durga Naveen Kumar K	02374957	Alumni Entrepreneur	Male	contactus@coign.net	04066906107

3	Eagle Picks	Service Innovation	Non-Technological	45	Alumni	Venture with MSME Registration No 36BNDPC1849NIZT Venture with GST No 36BNDPC1849NIZT	2018-19	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 15500	No	Amount Received in Rs 12000	No
---	-------------	--------------------	-------------------	----	--------	--	---------	--	----	-----------------------------	----	--------------------------------	----

Name	DIN number	Type	Gender	Email	Contact
Sam Richards	36BNDPC1849NIZT	Alumni Entrepreneur	Male	samrichardsch7@gmail.com	8185919205

Section 7 > i : 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	Business Incubation Centre – MSME, Govt. of India.	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	200	04-01-2020
2	Telangana-Hub	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Incubation, Mentoring	100	09-12-2019
3	Mahindra & Mahindra	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	250	19-10-2019

4	National University, USA	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	220	23-11-2020
5	ECPI University, Virginia, USA	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	120	22-07-2019
6	City of Glasgow College, UK	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	180	16-07-2019
7	TASK, Govt. of Telangana	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	550	19-06-2019

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

Section 8 > iii : 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	INTERNET OF THINGS AND INTELLIGENCE ENVIRONMENTAL MANAGEMENT AND SMART AGRICULTURAL SYSTEM	20194103395A9	National	2019 - 08	Uploaded
2	An automated digital internet of things based insulin injecting pen with dual cartridge	202041002044	National	2020 - 01	Uploaded
3	AN APPARATUS OF INTERNET OF THINGS PERSONAL WEARABLE TRACKING SYSTEM WITHMETHOD OF ARTIFICIAL INTELLEGINCE	201941033959	National	2019 - 08	Uploaded
4	A SYSTEM AND METHOD OF BIOMETRIC IDENTIFICATION BASED ON DISTRIBUTED INTERNET-OF-THINGS LOCK AND UNLOCKING THEREOF	201941028900	National	2019 - 07	NA

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

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

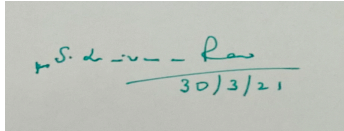
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. VSK Reddy (Head of Institute) and Dr. PHV Sesa Talpa Sai (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

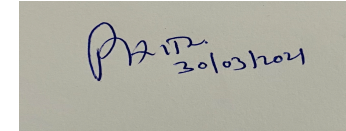
The Head of Institute



V.S.K. Reddy
30/3/21

Dr. VSK Reddy
Head of the Institution,
Secunderabad (Hyderabad), Telangana

Nodal officer



PHV Sesa Talpa Sai
30/03/2021

Dr. PHV Sesa Talpa Sai
Nodal Officer,
Secunderabad (Hyderabad), Telangana