

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

Institute Name: Vignan Institute of Technology and Science [ARI-C-19678]

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 / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Research and Development Center	Research Unit / Park	Research projects, publications	UG / PG / PhD	Both	1200	225	113
2	Incubation Center	Incubation Unit	Innovative Projects	UG / PG / PhD	Technical	2589	241	113
3	Industry Interaction	Industry Institute Interface Unit	Internships, workshops, certification courses, Industrial visits	UG / PG / PhD	Non-Technical	2589	179	25
4	Intellectual Property Right Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Workshops, Patent Filing	UG / PG / PhD	Technical	1200	241	25
5	Center of Excellence Lab	Centre of Excellence with Advance Tools & Equipment	IBM, IOT, CISCO, Texas instruments lab	UG / PG / PhD	Technical	2598	241	50
6	Department Project Laboratory	Academic Department with lab facility	Project Laboratory	UG / PG / PhD	Technical	2589	241	113
7	Electronics and Communication Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	551	45	7
8	Computer Science and Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	514	45	12
9	Mechanical Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	311	45	9
10	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	201	22	7
11	Civil Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	166	18	5
12	Electronics Instrumentation Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	125	18	3

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

13	Basic Science and Humanities	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	606	43	12
14	Information Technology	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	60	5	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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC202015371
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)	Yes	Not Required

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

Snno	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	Internal Hackthon (SIH 2020)	Entrepreneurship/ Startup, Innovation	Hackathon	Institute Lead Activity	Entrepreneurship Development Cell and Computer Science Engineering	05-02-2020 00:00:00	06-02-2020 00:00:00	2	Within Campus	74	25	87	5	191	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	29100	<div style="display: flex; justify-content: space-between;"> <div> <p>Award / Position / Recognition Secured</p> </div> <div> <p>1</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <p>Title of Innovation / Start-up Secured the Award / Recognition</p> </div> <div> <p>VOICE PRESCRIPTION</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <p>Award/Recognition/Achievement Received for</p> </div> <div> <p>Idea/Innovation/Prototype</p> </div> </div>

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2	Kickoff Session by TiE Grad	Entrepreneurship/ Startup, Innovation	Innovation Contest	Institute Lead Activity	TIE Grad (Indus Entrepreneurs) and Computer Science Engineering	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	58	7	28	2	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	Award / Position / Recognition Secured	1
																Title of Innovation / Start-up Secured the Award / Recognition	Ambulance Efficiency	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
3	E-Talks	Entrepreneurship/ Startup	Start-up Conclave	Institute Lead Activity	Entrepreneurship Development Cell, ECE, CSE, EEE, ME, CE and EIE	15-04-2019 00:00:00	15-04-2019 00:00:00	1	Within Campus	200	7	89	5	301	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No	
4	Development of City/Town using GIS software	Entrepreneurship/ Startup	Seminar	Institute Lead Activity	Civil Engineering	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	91	7	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	
5	Real Time Power System Operations and Case studies	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	118	7	0	0	125	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	
6	Website Development	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering, Electrical and Electronics Engineering and Computer Science Engineering	23-08-2019 00:00:00	24-08-2019 00:00:00	2	Within Campus	285	18	69	4	376	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No	
7	Importance of Instrumentation in process industries	Entrepreneurship/ Startup	Seminar	Institute Lead Activity	Electronics and Instrumentation Engineering	23-08-2019 00:00:00	23-08-2019 00:00:00	1	Within Campus	114	7	28	2	151	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	

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8	Visualisation in Engineering	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	16-11-2019 00:00:00	16-11-2019 00:00:00	1	Within Campus	158	26	0	0	184	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
9	All about Hackathon	Innovation	Hackathon	Institute Lead Activity	CSE, ECE, EEE, ME, CE and EIE	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	1426	145	281	0	1852	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
10	DRONE TECHNOLOGY	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	20-01-2020 00:00:00	21-01-2020 00:00:00	2	Within Campus	70	25	56	4	155	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
11	Building Planning Designing & Execution	Innovation	Seminar	Institute Lead Activity	Civil Engineering	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	89	7	0	0	96	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No
12	Cloud Computing and Virtualization Concepts	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering and Computer Science Engineering	28-01-2020 00:00:00	29-01-2020 00:00:00	2	Within Campus	200	28	57	2	287	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
13	Offshore Structures	Entrepreneurship/ Startup, Innovation	Seminar	Institute Lead Activity	Civil Engineering	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	93	7	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No

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14	ServiceNow Academic Hackathon	Innovation	Hackathon	Institute Lead Activity	ServiceNow India Development Center	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Outside Campus	28	1	500	28	557	No	Award / Position / Recognition Secured	Second
																Title of Innovation / Start-up Secured the Award / Recognition	Coding
																Award/Recognition/Achievement Received for	
15	Codesmash	Innovation	Ideation	Institute Lead Activity	IQAC	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	207	6	500	15	728	No	Award / Position / Recognition Secured	Qualified
																Title of Innovation / Start-up Secured the Award / Recognition	coding
																Award/Recognition/Achievement Received for	
16	Learning Level Assessment	Innovation	Skill development	Institute Lead Activity	IQAC and Conduira Education and Training Services Pvt. Ltd	13-08-2019 00:00:00	13-08-2019 00:00:00	1	Within Campus	353	15	0	0	368	No	No	
17	Arduino Workshop	Innovation	Workshop	Institute Lead Activity	Electronics and Communication engineering and IIT Bombay	02-01-2020 00:00:00	02-01-2020 00:00:00	1	Within Campus	250	5	0	0	255	No	No	
18	Ansys Bench	Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	Mechanical Engineering and Civil Engineering Department	09-09-2019 00:00:00	14-09-2019 00:00:00	6	Within Campus	264	17	0	0	281	No	No	

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19	Outcome Based Education	IPR	Workshop	Institute Lead Activity	IQAC and VMEDULIFE	02-01-20 20 00:00:00	04-01-20 20 00:00:00	3	Within Campus	0	241	0	29	270	No	Award / Position / Recognition Secured	Received Appreciation	
															Title of Innovation / Start-up Secured the Award / Recognition	Outcome Based Education		
															Award/Recognition/Achievement Received for			
20	Machine Learning	Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering, ECE, EEE and EIE	09-12-20 19 00:00:00	14-12-20 19 00:00:00	6	Within Campus	1276	124	162	14	1576	No	No		
21	Internal Hackthon (SIH 2020)	Entrepreneurship/ Startup, Innovation	Hackathon	Institute Lead Activity	Entrepreneurship Development Cell and Computer Science Engineering	05-02-20 20 00:00:00	06-02-20 20 00:00:00	2	Within Campus	74	25	87	5	191	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	29100	Award / Position / Recognition Secured	1
22	IEEE R10 HTC	Entrepreneurship/ Startup, Innovation	Innovation Contest	Institute Lead Activity	IEEE R10 Indonesia	11-11-20 19 00:00:00	13-11-20 19 00:00:00	3	Outside Campus	12	2	150	54	218	No	Award / Position / Recognition Secured	First	
															Title of Innovation / Start-up Secured the Award / Recognition	IOT based online telemedicine system for old age home		
															Award/Recognition/Achievement Received for			

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23	Innovative Project Expo	Entrepreneurship/ Startup, Innovation	Innovation Contest	Institute Lead Activity	ECE, CSE, EEE, EIE, CE and ME	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Within Campus	3500	240	0	0	3740	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	Award / Position / Recognition Secured	First
																Title of Innovation / Start-up Secured the Award / Recognition	Pollution Control Air Exhauster	
																Award/Recognition/Achievement Received for		
																Award / Position / Recognition Secured	Finalist	
24	Decode Engage	Innovation	Ideation	Institute Lead Activity	Stumagz and Abhyaas	02-10-2019 00:00:00	02-10-2019 00:00:00	1	Outside Campus	87	0	450	7	544	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	Title of Innovation / Start-up Secured the Award / Recognition	Public Policy
																Award/Recognition/Achievement Received for		
																Award / Position / Recognition Secured	Finalist	
																Title of Innovation / Start-up Secured the Award / Recognition	Public Policy	

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

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/R ecognitio ns/Achiev ements	Award / Position / Recognition Secured	Title of Innovatio n / 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	Industrial Exposure	Innovation	Exposure visit	Electrical and Electronics Engineering and Central Power Research Institute	Govt. Agency (State)	27-09-2019 00:00:00	27-09-2019 00:00:00	1	60	2	62	No	---	---	No	No
2	Industry Interaction Day	Innovation	Exposure visit	Mechanical Engineering and Hyderabad Malleable Products Pvt. Ltd	Corporate / Industry Association	25-09-2019 00:00:00	25-09-2019 00:00:00	1	155	5	160	No	---	---	No	No

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3	Industrial Exposure	Innovation	Exposure visit	Mechanic al Engineering and AGI Glass Pac	Corporat e / Industry Association	18-09-20 19 00:00:00	18-09-20 19 00:00:00	1	170	6	176	No	---	---	No	No
4	Industrial Visit	Innovation	Exposure visit	Civil Engineering and Kaleshwaram Lift Irrigation Project	Govt. Agency (State)	28-10-20 19 00:00:00	28-10-20 19 00:00:00	1	40	2	42	No	---	---	No	No
5	Decode Engage	Innovation	Ideation	Faculty Media and Research JNTUH	Educational Institute	02-10-20 19 00:00:00	02-10-20 19 00:00:00	1	15	0	15	Yes	Certificat e of Merit	Public Policy	No	<div style="display: flex; justify-content: space-around;"> <div>Award / Position / Recognition Secured</div> <div>Certificate of Merit</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>Title of Innovation / Start-up Secured the Award / Recognition</div> <div>Public Policy</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>Award/Recognition/Achievement Received for</div> <div>Idea/Innovation/Prototype</div> </div>
6	Robo Fix Competition	Innovation	Innovation Contest	GITAM University Hyderabad	Educational Institute	29-09-20 19 00:00:00	30-09-20 19 00:00:00	2	15	0	15	Yes	Certificat e of Excellence	Wall Climbing Robot	No	<div style="display: flex; justify-content: space-around;"> <div>Award / Position / Recognition Secured</div> <div>Certificate of Excellence</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>Title of Innovation / Start-up Secured the Award / Recognition</div> <div>Wall Climbing Robot</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>Award/Recognition/Achievement Received for</div> <div>Idea/Innovation/Prototype</div> </div>

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

7	Idea Conclave	Innovation	Ideation	IIIT Hyderabad	Educational Institute	28-11-2019 00:00:00	30-11-2019 00:00:00	3	54	1	55	Yes	First	Automated Monitoring System for Sewer Drainage and Early-alert Generation of one or more Events	No	Award / Position / Recognition Secured	First
	Title of Innovation / Start-up Secured the Award / Recognition		Automated Monitoring System for Sewer Drainage and Early-alert Generation of one or more Events														
	Award/Recognition/Achievement Received for		Idea/Innovation/Prototype														
8	What Next	Innovation	Mentoring Session	Vignan Institute of Technology and Science-Foreign Affairs cell and StuMagz	Corporate / Industry Association	16-09-2019 00:00:00	16-09-2019 00:00:00	1	450	15	465	No	---	---	No	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	IPR	Elective/Core Credit Course	Bachelor	Electronics and Instrumentation Engineering	19-12-2019	07-04-2020	111	Offline	60	80
2	Cyber Security	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	19-12-2019	07-04-2020	111	Offline	58	80
3	Industrial Safety health and environmental Engineering	IPR	Elective/Core Credit Course	Bachelor	Civil Engineering	19-12-2019	07-04-2020	111	Offline	46	80
4	Air Pollution and Control	IPR	Elective/Core Credit Course	Bachelor	Civil Engineering	19-12-2019	07-04-2020	111	Offline	58	80
5	Advanced structural analysis	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	19-12-2019	07-04-2020	111	Offline	58	80
6	Waste Management	Innovation	Elective/Core Credit Course	Bachelor	Civil Engineering	19-12-2019	07-04-2020	111	Offline	46	65
7	Concrete Technology	IPR	Elective/Core Credit Course	Bachelor	Civil Engineering	15-07-2019	20-11-2019	129	Offline	58	80
8	Construction Technology and Management	IPR	Elective/Core Credit Course	Bachelor	Civil Engineering	15-07-2019	20-11-2019	129	Offline	49	80

9	Watershed Management	IPR	Elective/Core Credit Course	Bachelor	Civil Engineering	15-07-2019	20-11-2019	129	Offline	49	80
10	Radar Systems	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Electronics and Communication Engineering	15-07-2019	20-11-2019	129	Offline	165	80
11	Optimization Techniques	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electronics and Communication Engineering	15-07-2019	20-11-2019	129	Offline	165	80
12	Digital Image Processing	Innovation	Elective/Core Credit Course	Bachelor	Electronics and Communication Engineering	19-12-2019	07-04-2020	111	Offline	171	80
13	Entrepreneurship and Small Business Enterprises	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	19-12-2019	07-04-2020	111	Offline	48	80
14	Introduction to Mechatronics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	19-12-2019	07-04-2020	111	Offline	110	80
15	Finite Element Methods	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	19-12-2019	07-04-2020	111	Offline	110	80
16	IC engines and Gas Turbines	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	19-12-2019	07-04-2020	111	Offline	110	80
17	Entrepreneurship and Small Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	19-12-2019	07-04-2020	111	Offline	128	80
18	Unconventional Machining Process	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	19-12-2019	07-04-2020	111	Offline	128	80
19	Composite Materials	IPR	Elective/Core Credit Course	Bachelor	Mechanical Engineering	15-07-2019	20-11-2019	129	Offline	128	80
20	Power Plant Engineering	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	15-07-2019	20-11-2019	129	Offline	128	80
21	Robotics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	15-07-2019	20-11-2019	129	Offline	128	80
22	Additive Manufacturing Technology	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	15-07-2019	20-11-2019	129	Offline	128	80
23	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	19-12-2019	07-04-2020	111	Offline	145	80
24	Introduction to Analytics	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	19-12-2019	07-04-2020	111	Offline	145	80
25	Data Analytics	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	15-07-2019	20-11-2019	129	Offline	145	80
26	Machine Learning	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	15-07-2019	20-11-2019	129	Offline	157	80
27	Cloud Computing	Innovation	Elective/Core Credit Course	Bachelor	Computer Science and Engineering	15-07-2019	20-11-2019	129	Offline	157	80

28	AI for Everyone	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering and Course era	01-08-2019	24-08-2019	24	Online	401	48
29	Introduction to Cloud Identity	Innovation	Short term Course	Short Term Certificate Course	Computer Science and Engineering	01-05-2020	30-06-2020	61	Online	107	45
30	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Mechanical Engineering and Course era	01-06-2020	30-06-2020	30	Online	62	30
31	Mechanics of Materials Fundamentals of Stress and Strain and Axial Loading	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Mechanical Engineering and Course Era	01-04-2020	30-04-2020	30	Online	59	36
32	Wind Energy	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering and Course Era	01-04-2020	30-04-2020	30	Online	59	36
33	Introduction to Thermodynamics Transferring Energy from Here to There	Innovation	Short term Course	Short Term Certificate Course	Mechanical Engineering and Course Era	01-04-2020	30-04-2020	30	Online	44	36
34	Electric Power Systems	Innovation	Short term Course	Short Term Certificate Course	EEE and Course Era	01-04-2020	30-04-2020	30	Online	42	45
35	Neural Networks and Deep Learning	Innovation	Short term Course	Short Term Certificate Course	CSE and Course Era	01-04-2020	30-04-2020	30	Online	39	36
36	Programming Fundamentals	Innovation	Short term Course	Short Term Certificate Course	CSE and Course Era	01-04-2020	30-04-2020	30	Online	37	36
37	Oxford achiever course	Innovation	Short term Course	Short Term Certificate Course	Oxford Achiever	20-11-2019	07-04-2020	140	Online	592	45
38	Principle of modern CDMA MIMO OFDM wireless communications	Innovation	Short term Course	Short Term Certificate Course	ECE and NPTEL	15-07-2019	20-11-2019	129	Online	86	45
39	Introduction to Machine Learning-IIT Kharagpur	Innovation	Short term Course	Short Term Certificate Course	CSE and NPTEL	15-07-2019	20-11-2019	129	Online	15	45
40	Principles and Techniques of Modern Radar Systems - Online	Innovation	Short term Course	Short Term Certificate Course	ECE and NPTEL	19-12-2019	07-04-2020	111	Online	19	45
41	AI and ML	IPR	Elective/Core Credit Course	Master	Electronics and Communication Engineering-Embedded Systems	26-08-2019	24-12-2019	121	Offline	15	54
42	Computer Vision	Innovation	Elective/Core Credit Course	Master	Electronics and Communication Engineering-Embedded Systems	26-08-2019	24-12-2019	121	Offline	15	54

43	Parallel Processing	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	26-08-2019	24-12-2019	121	Offline	15	54
44	Advanced Computer Architecture	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	26-08-2019	24-12-2019	121	Offline	15	54
45	IOT and Its Applications	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	30-05-2020	125	Online	15	54
46	VLSI Signal Processing	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	13-05-2020	108	Online	15	54
47	SOC Architecture	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	13-05-2020	108	Online	15	54
48	Network Security and Cryptography	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	13-05-2020	108	Online	15	54
49	Physical Design Automation	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	13-05-2020	108	Online	15	54
50	Scripting Languages	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	13-05-2020	108	Online	15	54
51	Memory Technologies	Innovation	Elective/Core Credit Course	Master	Electronics and Communication on Engineering- Embedded Systems	27-01-2020	13-05-2020	108	Online	15	54
52	Power Electronics for Renewable Energy Systems	Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering- PEED	26-08-2019	24-12-2019	121	Offline	16	54

53	Smart Grid Technologies	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering-PEED	26-08-2019	24-12-2019	121	Offline	16	54
54	Dynamics of Electrical Machines	Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering-PEED	26-08-2019	24-12-2019	121	Offline	16	54
55	Modern Control Theory	Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering-PEED	26-08-2019	24-12-2019	121	Offline	16	54
56	Power Semiconductor Devices and Modelling	Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering-PEED	26-08-2019	24-12-2019	121	Offline	16	54
57	Reactive Power Compensation and Management	Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering-PEED	26-08-2019	24-12-2019	121	Offline	16	54
58	High Frequency Magnetic Components	Innovation	Elective/Core Credit Course	Master	Electrical and Electronics Engineering-PEED	26-08-2019	24-12-2019	121	Offline	16	54
59	POWER ELECTRONICS AND ELECTRICAL DRIVES	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	09-08-2019	25-01-2020	170	Offline	16	54
60	Industrial Load Modelling and Control	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
61	Advanced Digital Signal Processing	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
62	SCADA Systems and Applications	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
63	PWM Converters and Applications	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
64	Advanced Microcontroller Based Systems	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54

65	Distributed Generation	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
66	Power Quality	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
67	Integration of Energy Sources	Innovation	Elective/Core Credit Course	PhD	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
68	Reliability Engineering	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
69	Flexible AC Transmission Systems	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
70	HVDC Transmission	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
71	Energy Storage Technologies	Innovation	Elective/Core Credit Course	Master	ELECTRICAL AND ELECTRONICS ENGINEERING	27-01-2020	15-07-2020	171	Online	16	54
72	Mobile Application Development	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	09-08-2019	25-01-2020	170	Online	12	54
73	Machine Learning	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	09-08-2019	25-01-2020	170	Offline	12	54
74	Cloud Computing	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	09-08-2019	25-01-2020	170	Offline	12	54
75	Data Mining	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	09-08-2019	25-01-2020	170	Offline	12	54

76	Web and Database Security	Innovation	Full time Program	Master	COMPUTER SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54
77	Internet of Things	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54
78	Data Science	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54
79	Cyber Security	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54
80	Big Data Analytics	Innovation	Elective/Core Credit Course	Master	COMPUTER AND SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54
81	Digital Forensics	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54
82	Deep Learning	Innovation	Elective/Core Credit Course	Master	COMPUTER SCIENCE AND ENGINEERING	27-01-2020	15-07-2020	171	Online	12	54

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	Building information Model	IPR	FDP in I&E / IPR	Civil engineering	01-07-2019	06-07-2019	6	Offline	78	30
2	Advanced Practices in Civil Engineering	IPR, Innovation	FDP in I&E / IPR	Civil engineering	04-06-2020	09-06-2020	6	Online	433	36
3	Artificial Intelligence using Python	Innovation	FDP in I&E / IPR	Computer Science and Engineering	14-09-2020	19-09-2020	6	Online	209	36
4	Artificial Intelligence and its Applications	Innovation	FDP in I&E / IPR	Computer Science and Engineering and Braino Vision Solutions	06-06-2020	11-06-2020	6	Online	154	36
5	Internet of Things using Raspberry Pi	IPR	FDP in I&E / IPR	Electronics and Communication Engineering	26-06-2019	02-07-2019	7	Offline	57	42
6	Labview Training programme	IPR	FDP in I&E / IPR	Electronics and Communication engineering	15-07-2019	20-07-2019	6	Offline	48	36

7	Recent Trends in Microgrid Technologies	Innovation	FDP in I&E / IPR	Electrical and Electronics Engineering	06-07-2020	11-07-2020	6	Online	257	36
8	Potential Research Areas in Mechanical Engineering	IPR	FDP in I&E / IPR	Mechanical Engineering	15-06-2020	20-06-2020	6	Online	967	36
9	Block chain Technology	Innovation	FDP in I&E / IPR	Computer Science and Engineering	01-07-2019	06-07-2019	6	Offline	35	36
10	Outcome based education	IPR	FDP in I&E / IPR	IQAC	03-01-2020	08-01-2020	6	Offline	241	36
11	Hand on Training on Scilab for Signal Processing	IPR	FDP in I&E / IPR	Electronics and Communication Engineering	29-04-2019	04-05-2019	6	Offline	35	36
12	Composite Materials-an Engineering alternative to Engineering Applications	Innovation	FDP in I&E / IPR	Mechanical Engineering	01-07-2019	06-07-2019	6	Offline	35	36
13	Service Now Certification	Entrepreneurship/Startup	Employment Generation Training Programs	Computer Science and Engineering and Placement Cell and Service Now	01-05-2019	30-06-2019	61	Offline	250	200
14	IT Essentials	Entrepreneurship/Startup	Employment Generation Training Programs	Computer Science and Engineering and CISCO Networking Academy	01-01-2019	18-04-2019	108	Offline	198	144
15	Company Specific Training	Entrepreneurship/Startup	Employment Generation Training Programs	Placement Cell	28-08-2019	04-10-2019	38	Offline	300	192
16	AMPERE-2019	Innovation	FDP in I&E / IPR	BSH	01-07-2019	06-07-2019	6	Offline	130	36
17	TCS CODEVITA SPECIFIC TRAINING (FACE)	Entrepreneurship/Startup	Employment Generation Training Programs	Training and Placement Cell	10-06-2019	15-06-2019	6	Online	100	42
18	TCS NINJA SPECIFIC TRAINING (FACE)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	01-07-2019	12-07-2019	12	Offline	512	84
19	COGNIZANT COMPANY SPECIFIC TRAINING PROGRAMME (TALENTIO)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	17-09-2019	21-09-2019	5	Online	364	35
20	INFOSYS COMPANY SPECIFIC TRAINING PROGRAMME (TALENTIO)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	21-09-2019	02-10-2019	12	Offline	364	60
21	FACE COMPANY SPECIFIC TRAINING (INFYTQ)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	29-01-2020	04-02-2020	7	Offline	120	42
22	INFOSYS COMPANY SPECIFIC TRAINING PROGRAMME (TALENTIO)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	03-03-2020	10-03-2020	8	Online	380	48
23	TECHNICAL WIZARD IT (FACE)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	06-04-2020	18-04-2020	13	Online	555	42
24	CAMPUS PLACEMENT CRACKER (FACE)	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Training and Placement Cell	04-06-2020	08-06-2020	5	Online	171	30

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	N. Koteswaramma	ECE	Assistant Professor	Yes			Yes				
	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	Certification Course PG 2020	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
		Introduction to Machine Learning	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
		Python for Data Science	Innovation	Employment Generation Training Programs	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
		Principles of Communication Systems-1	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
		Analog Circuits	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
2	K. Murali Chandra Babu	ECE	Assistant Professor	Yes			Yes				
	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR	Certification course PG 2020	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
		Introduction to Machine Learning	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
		Principles of Communication Systems-1	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
		Analog Circuits	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-03-2020 00:00:00	30-04-2020 00:00:00	61	Online	
3	Dr. Anuradha Chavali	MBA	Associate Professor	Yes			Yes				

Highest degree name in I&E and IPR	Certification Course	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
Degree Type	PG	Finance for Startups	Entrepreneurship/Startup	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
Year of Highest degree in I&E and IPR	2020	Finance for Managers	Entrepreneurship/Startup	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
		Accounting: Principles of Financial Accounting	IPR	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
		Marketing: Customer Needs and Wants	IPR	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
		Organizational Behavior: How to Manage People	IPR, Innovation	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
		Understanding Financial Statements: Company Position	Innovation	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
		Managing the Company of the Future	Entrepreneurship/Startup, Innovation	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	Online
		Adapt your leadership style	Innovation	Short term Certificate	Course Era	Non-Govt. Agencies	01-04-2020 00:00:00	30-06-2020 00:00:00	91	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	Eclatz Club	Innovation Club	2011	Co-working Space,Work Stations	Incubation Unit,Innovation Labs	6	Bhavani Shankar Annu	shankarannu1@gmail.com	8019594599
2	Edison Club	Innovation Club	2014	Work Stations	Incubation Unit,Innovation Labs	5	KALVALA HIMAJA	kaluvalahimaja@gmail.com	9666596002
3	IEEE VITS SB	Innovation Club	2012	Work Stations	Incubation Unit,Innovation Labs,IPR Cell/Technology Transfer Centre	9	Lagisetty Sai Prabhu	lagisettysaiprabhu@g mail.com	9060357197
4	VASE	Idea Club	2015	Work Stations	Incubation Unit,Innovation Labs	12	Mahajan Swetha	swethamahajan0@gm ail.com	9705980985
5	IEEE VITS WIE	Idea Club	2012	Work Stations	Incubation Unit,IPR Cell/Technology Transfer Centre	5	DIKSHITHA BANDA	bandadikshitha@gmail .com	8639873907
6	IEEE PES-PELS-IES SOCIETY	Idea Club	2018	Work Stations	Incubation Unit,Innovation Labs	3	MAREDDY HARICA	mareddyharika9@gmai l.com	9705183638

7	IEEE PHOTONICS SOCIETY	Idea Club	2018	Work Stations	Incubation Unit,Innovation Labs	3	JANGAM CHANDANA	jangamchandana98@g mail.com	7330843313
8	ISTE	Innovation Club	2020	Work Stations	Incubation Unit,Innovation Labs	1	KEELU DINESH SAI	DINESHSAI9177@GM AIL.COM	9505899788
9	ENTREPRUNERSHIP DEVELOPMENT CELL	Startup Club	2013	3D Printing	Incubation Unit,IPR Cell/Technology Transfer Centre	8	Srinivas Rithika	srinivasrithika13@gmai l.com	9963326262
10	INTELLECTUAL PROPERTY RIGHTS	Startup Club	2015	Work Stations	Innovation Park/Research Park,IPR Cell/Technology Transfer Centre	5	Narendra Ramya	nramyavv@gmail.com	9849440155

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?	
1	Redpine Signals IOT Lab	Design Centre	2018	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name Dr. N. Dinesh Kumar Facility Incharge Email naldin esh@g mail.co m Facility Incharge Phone 944007 6901	9	Yes	No	Yes	
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				VITS ALUMNI				Corporate / Industry Association				100000

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	E-YANTRA ROBOTICS LAB	Design Centre	2017	3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools	Incubation Unit,Innovati on Labs,Centre of Excellence with Advance Tools	Facility Incharge Name	DR. N. DINES H KUMA R	Yes	Yes		Yes
								nalidin esh@g mail.co m		Total Annual Income from Training and Skill Develop ment Services (In Rupees)	0	
							Facility Incharge Email	944007 6901		Total Annual Income from (Technic al and Business) Mentorin g Services (In Rupees)	0	
							Facility Incharge Phone			Total Annual Income from Office Space and Rental Services to Start -ups/Inno vators (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				IIT BOMBAY			Educational Institute			500000		

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

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

1	ECE INNOVATIVE PROJECT LAB	2017	Innovation Labs, IPR Cell/Technology Transfer Centre		<table border="1"> <tr><td>Facility Incharge Name</td><td>Mr. Vikas Kumar Tiwari</td></tr> <tr><td>Facility Incharge Email</td><td>vikas.y.stiwari@gmail.com</td></tr> <tr><td>Facility Incharge Phone</td><td>88851 37802</td></tr> </table>	Facility Incharge Name	Mr. Vikas Kumar Tiwari	Facility Incharge Email	vikas.y.stiwari@gmail.com	Facility Incharge Phone	88851 37802	35	Yes	Yes		Yes
Facility Incharge Name	Mr. Vikas Kumar Tiwari															
Facility Incharge Email	vikas.y.stiwari@gmail.com															
Facility Incharge Phone	88851 37802															
Total Annual Income from Training and Skill Development Services (In Rupees)																
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)																
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)																
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				VITS			Educational Institute		0							
Funding Agency				IEEE SIGHT			International Agencies		0							
Funding Agency				IEEE CSS			International Agencies		0							

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

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

No Data Filled!

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	Dr. Vijayalaxmi Biradar	Associate Professor	Idea/Innovation Development, IPR Protection & Commercialization	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	High performance low power (HPLP) computer vision based real-time driver fatigue detection method and alert system		Within	
	Real-Time Non-Intrusive Driver Fatigue Detection And Alert System		Within	
2	Dr. N. Dinesh Kumar	Professor	Idea/Innovation Development, IPR Protection & Commercialization	20

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)
	A User-authentication Based Coin-operated Rice Dispensing System	Outside	
	Automated Monitoring System for Sewer Drainage and Early-alert Generation of one or more Events	Within	
	A System and a Method to Automatically Wash and Chop Fruits, Vegetables and other Edibles	Within	
	Hygienic Automated Food Processing Machine (HAFPM) Using Pneumatics Through PLC	Within	
3	Dr.S. Kaushik	Associate Professor	Idea/Innovation Development,IPR Protection & Commercialization 12
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ADVANCED MEDICAL OBSERVATION CARE USING BLOCKCHAIN TECHNOLOGY	Within	
	MPT-DETECTION :MEDICAL PROBLEMS DETECTION USING MACHINE LEARNING, DEEP LEARNING CONCEPT	Within	
4	Dr. P. Chandana	Associate Professor	Idea/Innovation Development,IPR Protection & Commercialization 14
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ADVANCED MEDICAL OBSERVATION CARE USING BLOCKCHAIN TECHNOLOGY	Within	
	MPT-DETECTION :MEDICAL PROBLEMS DETECTION USING MACHINE LEARNING, DEEP LEARNING CONCEPT	Within	
5	Mr. S. Kranthi Reddy	Assistant Professor	Idea/Innovation Development 8
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	TRAFFIC MANAGEMENT SYSTEM USING IOT	Within	
6	Mr. R. Praveen Kumar	Assistant Professor	Idea/Innovation Development 12
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	CLASSIFICATION OF SKIN CANCER LESIONS USING DEEP NEURAL NETWORKS AND TRANSFER LEARNING	Within	
7	Mrs. T. Yashasree	Assistant Professor	Idea/Innovation Development 7
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DIGITAL ATTENDANCE SYSTEM BASED ON FACE DETECTION AND RECOGNIZATION	Within	
8	C. Jaya Bharathi	Assistant Professor	Idea/Innovation Development 6
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EMPLOYEE PERFORMANCE AND RECONGNIZATION PORTAL	Within	
9	G. Raja Vikram	Associate Professor	Idea/Innovation Development 15

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)
	PREDICTION OF LIVER DEBILLING USING LOGISTIC REGRESSION	Within	
10	B.V.Chowdhary	Associate Professor	Idea/Innovation Development 14
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
11	SPAM EMAIL CLASSIFICATION USING MACHINE LEARNING ALGORITHM	Within	
	DR. P KIRAN KUMAR	ASSOCIATE PROFESSOR	Idea/Innovation Development 9
12	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ASPECT CATEGORY DETECTION FOR SENTIMENT ANALYSIS	Within	
13	DR. N MURALI KRISHNA	ASSOCIATE PROFESSOR	Idea/Innovation Development 10
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
14	EFFICIENT REVIEW SPAM DETECTION USING XGBOOST ALGORITHM	Within	
	DR. G. YEDUKONDALU	ASSOCIATE PROFESSOR	Idea/Innovation Development 15
15	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	WE-MAIL	Within	
16	DR. A BALARAM	ASSOCIATE PROFESSOR	Idea/Innovation Development 12
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
17	ELECTRICIAN TRACKER USING ANDROID MOBILE APP	Within	
	DR. P CHANDANA	ASSOCIATE PROFESSOR	Idea/Innovation Development 6
18	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ILLU- SEARCH FOR HOSTELS	Within	
19	MR. R. PRAVEEN KUMAR	ASSOCIATE PROFESSOR	Idea/Innovation Development 15
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
20	FACULTY LEAVE MANAGEMENT SYSTEM	Within	
	MR. N SRI ANJANEYA	ASSOCIATE PROFESSOR	Idea/Innovation Development 14
21	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ARDUINO OBSTACLE AVOIDING CAR	Within	

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

18	MR. R KRANTHI REDDY	ASSISTANT PROFESSOR	Idea/Innovation Development	12
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
MOTION FOLLOWING MOTORIZED CAMERA BASE		Within		
19	MR. N. NAGARJUNA	ASSISTANT PROFESSOR	Idea/Innovation Development	4
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
MEDICAL CHAT BOT		Within		
20	MRS. YASHASREE TUMMALA	ASSISTANT PROFESSOR	Idea/Innovation Development	7
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
PREVENTION OF CYBER MENACE USING AUTO-ENCODER		Within		
21	MR. A. VIJAYA GOPAL	ASSISTANT PROFESSOS	Idea/Innovation Development	5
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
ANALYSIS OF ENERGY CONSUMED BY APPLIANCES USING IOT		Within		
22	MR. P. ESHWARIAH	ASSISTANT PROFESSOR	Idea/Innovation Development	4
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
AUTOMATIC PLANT IRRIGATION SYSTEM WITH DRY/WET SOIL SENSE FOR AGRICULTURAL APPLICATIONS MONITORING OVER IOT		Within		
23	MR. B. SRINU	ASSISTANT PROFESSOR	Idea/Innovation Development	8
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
FINGERPRINT BASED ATM		Within		
24	MRS. B. SHARMILA	ASSISTANT PROFESSOR	Idea/Innovation Development	6
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
PETROL DETECTION METER USING IOT		Within		
25	MS. P. DEEPIKA	ASSISTANT PROFESSOR	Idea/Innovation Development	5
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	
SthreeRakshak		Within		
26	MR. E KRISHNA	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)
	ONLINE STUDENT RESOURCE MANAGEMENT SYSTEM	Within	
27	MRS. P. LAVANYA KUMARI	ASSISTANT PROFESSOR	Idea/Innovation Development 12
	INVIGILATION AUTOMATION SYSTEM		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
28	DR C. SRINIVASA KUMAR	PROFESSOR	Idea/Innovation Development 15
	COLLEGE ENQUIRY CHAT BOT		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
29	MR. N. LEELA PRASAD	ASSOCIATE PROFESSOR	Idea/Innovation Development 19
	Mechanical Spider		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
30	DR. K. CHANDRA SHEKAR	PROFESSOR	Idea/Innovation Development 18
	Model of Sand Sieving Machine		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
31	MS. P. MADHAVI	ASSISTANT PROFESSOR	Idea/Innovation Development 8
	Automatic Seed Sowing Robot		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
32	MR.S. SURAPPA	ASSISTANT PROFESSOR	Idea/Innovation Development 5
	Salt Water Solution Welding		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
33	DR. S DEVA PRASAD	PROFESSOR	Idea/Innovation Development 20
	Design and Fabrication of vertical and Helical Axis Wind Mill		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within
34	MRS. SAI KRUPA CH	ASSISTANT PROFESSOR	Idea/Innovation Development 7
	Fabrication of Remote Control Lawn Mower		Mentoring Setup [Within (or) Outside] HEI CIN (in case it is Startup) Within

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

35	MR. G. NARENDER	ASSOCIATE PROFESSOR	Idea/Innovation Development	30
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Effort less Parking		Within	
36	MR M ASHOK	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Fabrication of Wind Water Pump		Within	
37	MR. G. NAGESH	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Fabrication of Wind Water Pump		Within	
38	MR. P VINOD	ASSISTANT PROFESSOR	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Beach Cleaning Machine		Within	
39	MR. V GURUSHANKAR	ASSISTANT PROFESSOR	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Characterization an effect of Boron Carbide in Cast-iron metal matrix Composites		Within	
40	MR. VIJAY KUMAR	ASSISTANT PROFESSOR	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Analysis of a Blower in Air Purifier using NACA Airfoils.		Within	
41	MR. SARAT CHANDRA MOHANTHY	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Modelling and Analysis of a Centrifugal Impeller of Water Pump for Small Scale Irrigation.		Within	
42	MR. SANTHOSH KUMAR	ASSISTANT PROFESSOR	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Modelling and Analysis of a Centrifugal Impeller of Water Pump for Small Scale Irrigation.		Within	
43	MR. R SRIKANTH	ASSISTANT PROFESSOR	Idea/Innovation Development	4

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)
	Optimization of Process Parameters in Wire Cut Electric Discharge machine on 316 Stainless Steel using GRA.	Within	
44	MR. V. SURESH	ASSISTANT PROFESSOR	Idea/Innovation Development 7
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
45	Effect of Solid Lubricant on Surface Roughness in Turning of Inconel 718.	Within	
	MR. ANUP KUMAR JANA	ASSISTANT PROFESSOR	Idea/Innovation Development 7
46	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	-	Within	
47	MRS. M RADHIKA	ASSISTANT PROFESSOR	Idea/Innovation Development 10
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
48	-	Within	
	MR K MANGAPATHI RAO	ASSOCIATE PROFESSOR	Idea/Innovation Development 24
49	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Performance analysis of cryogenically treated carbide inserts in turning process	Within	
50	DR. B. SINGARAVEL	ASSOCIATE PROFESSOR	Idea/Innovation Development 6
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
51	Electrical bike with solar painting technology	Within	
	MR. N VENKATESWARLU	ASSOCIATE PROFESSOR	Idea/Innovation Development 18
52	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Analysis OF EDM with Nano powder mix oil	Within	
53	DR. SM. HUSSAINI	PROFESSOR	Idea/Innovation Development 10
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
54	Testing of Portable Air conditioner	Within	
	DR T RAMA SUBBA REDDY	PROFESSOR	Idea/Innovation Development 20
55	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	stand alone Power Generation using solar thermal systems	Within	

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

52	MR. G SRINIVAS	ASSISTANT PROFESSOR	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Dual Axis Solar Tracker System		Within	
53	DR. G. DURGA SUKUMAR	PROFESSOR	Idea/Innovation Development	16
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	High Voltage Tesla coil		Within	
54	MR D ANIL KUMAR	ASSISTANT PROFESSOR	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Vacuum Clear Using Water Bottles		Within	
55	DR D SURESH	ASSOCIATE PROFESSOR	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Advanced Audio Transmission Using Li-Fi Technology		Within	
56	DR. NEELAKANTAN	PROFESSOR	Idea/Innovation Development	35
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A Password based Circuit Breaker		Within	
57	MR. RAMANJAN PRASAD	ASSOCIATE PROFESSOR	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	GSM based Women Protection		Within	
58	MRS. G SRAVANTHI	ASSISTANT PROFESSOR	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Piezo eletric power Generation		Within	
59	MR. BHANU GANESH LUKKA	ASSISTANT PROFESSOR	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IoT Weather Reporting System		Within	
60	MR D SRIKANTH	ASSISTANT PROFESSOR	Idea/Innovation Development	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)
	Advanced wireless power transfer system	Within	
61	MR. B SHANKAR	ASSISTANT PROFESSOR	Idea/Innovation Development 5
	Solar charged Electric Scooter	Within	
62	MR. K VISHNU	ASSISTANT PROFESSOR	Idea/Innovation Development 5
	IoT based energy meter tariff monitoring system	Within	
63	MS. B. RAMYA	ASSISTANT PROFESSOR	Idea/Innovation Development 3
	Smart Agriculture System Using IOT	Within	
64	MS. PRAGYA SHADEO	ASSISTANT PROFESSOR	Idea/Innovation Development 9
	DELINEATION OF GROUND WATER POTENTIAL ZONING AT GOAVARI BASIN	Within	
65	MS. B LAVANYA	ASSISTANT PROFESSOR	Idea/Innovation Development 10
	A STUDY ON MECHANICAL AND DURABILITY PROPERTIES OF HYBRID FIBER REINFORCED CONCRETE	Within	
66	DR. NARAYAN SANGAM	PROFESSOR	Idea/Innovation Development 16
	STABILISATION OF EXPANSIVE SOILS USING GLASS POWDER.	Within	
67	MR. T. KARTHIK CHARY	ASSISTANT PROFESSOR	Idea/Innovation Development 8
	COMPARATIVE STUDY ON PERFORMANCE OF COUNTERFORT AND BUTTRESS RETAINING WALLS	Within	
68	MR. KASTRO KIRAN	ASSISTANT PROFESSOR	Idea/Innovation Development 5
	A STUDY ON STRENGTH AND DURABILITY PROPERTIES OF SELF CURING CONCRETE	Within	

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

69	MR. M. JAYARAM	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AN INVESTIGATIVE ASSESMENT ON PROPERTIES OF SELF HEALING CONCRETE		Within	
70	MR B. MAHESH	ASSISTANT PROFESSOR	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	USAGE OF PLASTIC WASTE IN BITUMINOUS PAVEMENTS		Within	
71	MR. M. JAYARAM	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A STUDY ON STABILIZATION OF BC SOIL USING FLYASH		Within	
72	DR. M VASUBABU	ASSOCIATE PROFESSOR	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EEG Signal Classification for Brain Computer Interface Applications		Within	
73	MR. P. SRINIVAS	ASSISTANT PROFESSOR	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	GSM BASED AUTOMATED IRRIGATION SYSTEM USING RAINGUN		Within	
74	DR. E. SARATH YADAV	ASSISTANT PROFESSOR	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Sensor fault detection and Isolation for dynamic Processes		Within	
75	MRS. P PRASHANTHI	ASSISTANT PROFESSOR	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Development of real time tracking for video capturing for unmanned applications		Within	
76	DR. S PRASANNA	ASSISTANT PROFESSOR	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SMART CAR PARKING SYSTEM USING PLC		Within	
77	MR. K PRASAD BABU	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)
	AUTOMATIC PLANT WATERING SYSTEM USING PLC	Within	
78	MRS. K PADMALEELA	ASSISTANT PROFESSOR	Idea/Innovation Development 5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
79	Study and Development of a Data Acquisition & Control (DAQ) System Using TCP/Modbus Protocol	Within	
	K. Murali Chandra Babu	Assistant Professor	Idea/Innovation Development 7
80	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Robotic Arm using Arduino	Within	
81	Dr. N. Dinesh Kumar	Professor	Idea/Innovation Development 20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
82	ADAPTIVE QUAD ROBOT	Within	
	Vikas Kumar Tiwari	Assistant Professor	Idea/Innovation Development 7
83	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IOT BASED INTELLIGENT TROLLEY FOR SHOPPING MALL	Within	
84	Dr. P. Sandeep	Associate Professor	Idea/Innovation Development 13
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
85	Dynamic Signal Light Timings On Traffic Density	Within	
	D. Swarupa Rani	Assistant Professor	Idea/Innovation Development 3
86	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Spider Robot	Within	
87	C. Sudhakar	Associate Professor	Idea/Innovation Development 13
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
88	Two Wheeler Driver safety system	Within	
	Dr. V. Prakasham	Associate Professor	Idea/Innovation Development 13
89	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LABVIEW PIANO KEYBOARD	Within	

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

86	DR. J.V.RAO	PROFESSOR	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automatic Whiteboard Eraser Robot		Within	
87	MR DHANA RAJ ATHINA	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LED Matrix snake Game using arduino		Within	
88	DR. P.A.HARSHAVARDHINI	PROFESSOR	Idea/Innovation Development	17
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Room Door (Open way) finding ROBO		Within	
89	MR. K YADAIAH	ASSOCIATE PROFESSOR	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Dynamic Signal Light Timings On Traffic Density		Within	
90	MRS. NATASHA	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ELECTRONIC LETTER BOX		Within	
91	MR. V. SHANKAR	ASSISTANT PROFESSOR	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EXOSKELETON CONTROL ROBOT USING AURDINO		Within	
92	MR. ANUDEEP LAXMIKANTH	ASSISTANT PROFESSOR	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DIET SYSTEM USING RASPBEERY PI		Within	
93	MR P UPENDER	ASSISTANT PROFESSOR	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	SWARM ROBOTS		Within	
94	MR. B MEENAIAH	ASSISTANT PROFESSOR	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

95	Dr. Vijayalaxmi Biradar	Associate Professor	Idea/Innovation Development	15
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Solar based E-uniform for soldiers who work at extreme high temperature of extreme low temperature		Within		
96	MR. K. VITTAL	ASSISTANT PROFESSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
COIN BASED MOBILE CHARGING		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	Mr. Jignesh Talasila, Loop Reality	Idea/Innovation Development,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)
	Idea Innovation contest	01-08-2019	31-12-2019	153	5	252
2	Mr. Joginder Tanakila, Pulse Active Stations	Idea/Innovation Development,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)
	IOT	15-07-2019	31-03-2020	261	15	358
3	Bhagvati Rao	Idea/Innovation Development,IPR Protection & Commercialization				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)
	Project Guidance	15-07-2019	31-03-2020	261	75	154
4	Dr. Neelkantan	Idea/Innovation Development,IPR Protection & Commercialization				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)
	Research Project Guidance	01-04-2019	31-03-2020	366	45	450
5	Prof. G.V.Rao	Idea/Innovation Development,IPR Protection & Commercialization				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)
	Research Project Guidance	01-04-2019	31-03-2020	366	35	540
6	Prof. Jagan Mohan	Idea/Innovation Development,IPR Protection & Commercialization				Structured Mentorship

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

	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
	Research Project Guidance	01-04-2019	31-03-2020	366	28	180	Innovation/Prototype
7	Mr. Sri Charan Lakkaraju, StuMagz	Idea/Innovation Development,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	01-04-2019	31-03-2020	366	75	750	Early Stage Startup
8	Mr. PSV Kissann, HBots	Idea/Innovation Development,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	01-04-2019	31-03-2020	366	48	800	Early Stage Startup
9	Mr. Aditya Nimmagadda, Hyundai	Idea/Innovation Development,IPR Protection & Commercialization					Unstructured Mentorship
10	Mr. N. Prudhvi	Entrepreneurship/Startup Development					Unstructured Mentorship
11	SHAIK. MOHAMMAD YUSUF	Idea/Innovation Development					Unstructured Mentorship
12	ROHAN REDDY	Idea/Innovation Development					Unstructured Mentorship
13	D ANIL KUMAR	Idea/Innovation Development					Unstructured Mentorship
14	N SAI SRINIVAS	Idea/Innovation Development,IPR Protection & Commercialization					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
	Project Guidance	01-04-2019	31-03-2020	366	15	180	Innovation/Prototype
15	VISWANATH SAISRICHARAN	Idea/Innovation Development					Unstructured Mentorship
16	V. SRIHARSHA	Idea/Innovation Development					Unstructured Mentorship
17	NARAYAN KUMAR GUPTA	Idea/Innovation Development,IPR Protection & Commercialization					Unstructured Mentorship
18	B Harsha, WieLabs	Idea/Innovation Development,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
	Startups	01-04-2019	31-03-2020	366	15	400	Early Stage Startup
19	Mr. Kiran More, Arkansas State University, USA	Idea/Innovation Development					Unstructured Mentorship
20	Ms. Chitra, DKIT, Ireland	IPR Protection & Commercialization					Unstructured Mentorship
21	Ms. Devyani Khare, Arkansas State University, USA	Idea/Innovation Development					Unstructured Mentorship
22	Wael Azeem, Ureka Education Group United Kingdom	Entrepreneurship/Startup Development					Unstructured Mentorship
23	Philip Wittkorn, Fort Hays State University, USA	Idea/Innovation Development					Unstructured Mentorship

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

24	Shivaji Rao, Saint Peters University	Idea/Innovation Development	Unstructured Mentorship				
25	Joseph Gilkey, Saint Peters University	Idea/Innovation Development	Unstructured Mentorship				
26	Kiran Gujamagadi , Kristinstad University, Sweden	Idea/Innovation Development	Unstructured Mentorship				
27	Mr.N.Venkatesh, Redpine Signals	Idea/Innovation Development	Unstructured Mentorship				
28	Dr.A.V.N Krishna Member Professor, Department of CSE, CHRIST (Deemed to be University), Bangalore	IPR Protection & Commercialization	Unstructured Mentorship				
29	Mr.N.Mahesh Member CTO, CBCRUNCH Technologies Pvt. Ltd	Entrepreneurship/Startup Development	Unstructured Mentorship				
30	Mr. Abhijeet, VMedu Life	IPR Protection & Commercialization	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
	Outcome Based Education	01-04-2019	31-03-2020	366	240	2800	Innovation/Prototype
31	Ms. Chetana Jain	Idea/Innovation Development					Unstructured Mentorship
32	Sumanth Palepu	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

Srn o	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
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1	GSM based Women Protection	Product Innovation	Technological		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 Ongoing	No	No	No	No
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Name	Type	Gender	Email	Contact
DUBBA SRIKANTH	Faculty	Male	vits.eee.srikanth@gmail.com	9703001241

Name	Type	Gender	Email	Contact
Garisapati Dheeraj Kumar	Student	Male	dheeraj321456@gmail.com	9121017209
Gopireddy Sankeerthana	Student	Male	gopireddysankeerthana@gmail.com	9014392978
Jukanti Alekya	Student	Female	jukantialekya@gmail.com	8008552199
V. Vishnu Kumar	Alumni Entrepreneur	Male	vishnu@iotronics.com	9866386965

2	IoT Weather Reporting System	Product Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No
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Name	Type	Gender	Email	Contact
GADDE SRINIVAS	Faculty	Male	gadde.cnu@gmail.com	9949638352

Name	Type	Gender	Email	Contact
REDDY SANDEEP	Student	Male	rsndp12@gmail.com	9515767010
SANGEPU ANUSH	Student	Male	sangepuanush@gmail.com	6303990996
SIDHARTH S NAIR	Student	Male	sidhu.s.nair.98@gmail.com	8179882036

3	Grid interconnection of renewable energy with improved power quality feature for three phase four wire distribution system	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	Grant Amount in Rs	3303980	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. DHANAVATH SURESH</td><td>Faculty</td><td>Male</td><td>surya10918021@gmail.com</td><td>8331877015</td></tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Dr. DHANAVATH SURESH	Faculty	Male	surya10918021@gmail.com	8331877015
Name	Type	Gender	Email	Contact																				
Dr. DHANAVATH SURESH	Faculty	Male	surya10918021@gmail.com	8331877015																				
4	Development of Energy Management controller based inverter with improved PV system fed organization	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 Completed	No	No	Grant Amount in Rs	7456000	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. GADWALA DURGA SUKUMAR</td><td>Faculty</td><td>Male</td><td>durgasukumar@gmail.com</td><td>7675935152</td></tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Dr. GADWALA DURGA SUKUMAR	Faculty	Male	durgasukumar@gmail.com	7675935152
Name	Type	Gender	Email	Contact																				
Dr. GADWALA DURGA SUKUMAR	Faculty	Male	durgasukumar@gmail.com	7675935152																				
5	DELINERATION OF GROUND WATER POTENTIAL ZONING AT GOAVARI BASIN	Product Innovation	Technological		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 Ongoing	No	No	No	No	No	No										

	Name	Type	Gender	Email	Contact							
	Ms. Pragya Shahdeo	Faculty	Female	Shahdeopragya2703@gmail.com	8877971753							
	Name	Type	Gender	Email	Contact							
	N BHANU PRASAD	Student	Male	-	-							
	P SHARATH	Student	Male	-	-							
	S BHARATH	Student	Male	-	-							
	B PRAVALLIKA	Student	Female	-	-							
6	STABILISATION OF EXPANSIVE SOILS USING GLASS POWDER.	Process Innovation	Technological	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 Ongoing	No	No	No	No	No
	Name	Type	Gender	Email	Contact							
	Dr. Narayan Sangam	Faculty	Male	Sangam.narayan.narayan@gmail.com	9398792028							
	Name	Type	Gender	Email	Contact							
	G. SAI KIRAN	Student	Male	-	-							
	M GANGADHARA	Student	Male	-	-							
	M BHAVYA	Student	Female	-	-							
	T LAVANYA	Student	Female	-	-							

7	STUDY ON PROPERTIES OF CONCRETE USING WASTE COLOURED GLASS AS FINE AGGREGATE	Product Innovation	Technological		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 Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs. P Vineela	Faculty	Female	vineelapanchayatula9@gmail.com	8106038444

Name	Type	Gender	Email	Contact
D RAKESH KUMAR	Student	Male	-	-
KASHMEERA K	Student	Male	-	-
LOKESHWAR REDDY	Student	Male	-	-
P HARISH KUMAR	Student	Male	-	-

8	Sensor fault detection and Isolation for dynamic Processes	Process Innovation	Technological		Student-Faculty	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
---	--	--------------------	---------------	--	-----------------	---	---	--------------------------------	----	----	----	----	----

Name	Type	Gender	Email	Contact
Dr. E SARATH YADAV	Faculty	Male	sarath.eadala@gmail.com	9700644522

Name	Type	Gender	Email	Contact
P. Manoj	Student	Male	manoj0299@gmail.com	9618024272
-	Student	Female	chaitanyachintu33@gmail.com	9505901617
Y. Surya Vamsi	Student	Male	suryavamshi197@gmail.com	8978129949

9	Characterization and metallographic studies of INCONEL 718 when formed and subjected to sub-zero Temperature	Product Innovation,Process Innovation	Technological		Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	JNT UH	No	No	No	No
									Agency Type	Govt. Agency (State)				

Name	Type	Gender	Email	Contact
Dr. S.M. Hussaini	Faculty	Male	drsmh.prof@gmail.com	9502079498

10	Planning, Design and Implementation of PPC including quality aspects for large range of high accuracy, 100% EOU	Product Innovation,Process Innovation	Technological		Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	1010000	Grant Amount in Rs	No	No
									Grant Amount in Rs					

Name	Type	Gender	Email	Contact
Prof. G.V. Rao, Dr. K. Chandra Shekar, Dr.N. Leela Prasad & Mr. K. Mangapathi Rao	Faculty	Male	nlp123457@gmail.com	9849721425

11	Application of Vegetable Oil based Bio Dielectric Fluid for Sustainable Electric Discharge Machining	Product Innovation,Process Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	IEI	No	30000	Grant Amount in Rs	No
									Agency Type	Not-Govt. Agencies				

	Name			Type				Gender		Email			Contact	
12	Dr.B. Singaravel			Faculty				Male		singnitt@gmail.com			7995727943	
	Hands on Robotics and IOT Training: Exposing Rural Students to Opportunities in STEM	Service Innovation	Technological	Student-Faculty	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	Agency Name	IEE E CS S	No	Grant Amount in Rs	775000	Loan/Investment Agency Name	775000
								Agency Type	International Agencies				Agency Type	International Agencies
								Award / Position / Recognition Secured	USD 105 00				Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation or support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil
													Date of Investment Raised	06-01-2020
Name			Type				Gender		Email			Contact		
Dr. Vijayalaxmi Biradar			Faculty				Female		laxmi81181@gmail.com			9505949113		
Name			Type				Gender		Email			Contact		
PoluTarun Kumar Reddy			Student				Male		Polutharun528@gmail.com			-		
Sai Prabhu Lagishetty			Student				Male		lagishettysaiprabhu@gmail.com			-		
Sai Teja Konda			Student				Male		Saitejakonda99@gmail.com			-		
Laasya Sri Vanka			Student				Female		Laasyasri.las111@gmail.com			-		
SrinikethanNydhruva			Student				Male		Nani.nydhruva@gmail.com			-		

13	Tele Health Monitoring System in rural areas through Primary Health Center Using IOT for COVID-19	Product Innovation	Technological	Student-Faculty	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	<table border="1"> <tr><td>Agency Name</td><td>IEE SIG HT HAC</td></tr> <tr><td>Agency Type</td><td>International Agencies</td></tr> <tr><td>Award / Position / Recognition Secured</td><td>USD 550 1</td></tr> </table>	Agency Name	IEE SIG HT HAC	Agency Type	International Agencies	Award / Position / Recognition Secured	USD 550 1	No	<table border="1"> <tr><td>Grant Amount in Rs</td><td>412575</td></tr> <tr><td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td><td>nil</td></tr> <tr><td>Date of Investment Raised</td><td>11-03-2020</td></tr> </table>	Grant Amount in Rs	412575	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil	Date of Investment Raised	11-03-2020	Loan/Investment Agency Name	412575	412575 Amount Received in Rs.
Agency Name	IEE SIG HT HAC																								
Agency Type	International Agencies																								
Award / Position / Recognition Secured	USD 550 1																								
Grant Amount in Rs	412575																								
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil																								
Date of Investment Raised	11-03-2020																								
Agency Type	International Agencies																								
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil																								
Date of Investment Raised	11-03-2020																								

Name	Type	Gender	Email	Contact
Dr. Vijayalaxmi Biradar	Faculty	Female	laxmi81181@gmail.com	9505949113

Name	Type	Gender	Email	Contact
PoluTarun Kumar Reddy	Student	Male	-	-
Sai Prabhu Lagishetty	Student	Male	-	-
Sai Teja Konda	Student	Male	-	-
Laasya Sri Vanka	Student	Female	-	-
SrinikethanNydhruva	Student	Male	-	-

14	Tele Health Monitoring System in rural areas through Primary Health Center Using IOT for COVID-19	Product Innovation	Technological	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	<table border="1"> <tr><td>Agency Name</td><td>Unnat Bharat Abhiyan</td></tr> <tr><td>Agency Type</td><td>Govt. Agency (Central)</td></tr> <tr><td>Award / Position / Recognition Secured</td><td>500 00</td></tr> </table>	Agency Name	Unnat Bharat Abhiyan	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	500 00	No	<table border="1"> <tr><td>Grant Amount in Rs</td><td>50000</td></tr> <tr><td>Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td><td>nil</td></tr> <tr><td>Date of Investment Raised</td><td>06-01-2020</td></tr> </table>	Grant Amount in Rs	50000	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil	Date of Investment Raised	06-01-2020	Loan/Investment Agency Name	50000	No
Agency Name	Unnat Bharat Abhiyan																								
Agency Type	Govt. Agency (Central)																								
Award / Position / Recognition Secured	500 00																								
Grant Amount in Rs	50000																								
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil																								
Date of Investment Raised	06-01-2020																								
Agency Type	Govt. Agency (Central)																								
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil																								
Date of Investment Raised	06-01-2020																								

	Name				Type				Gender			Email			Contact						
	Dr. Vijayalaxmi Biradar				Faculty				Female			laxmi81181@gmail.com			9505949113						
15	IOT based online Telemedicine System for old age home	Product Innovation,Service Innovation	Technological		Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	Agency Name	IEE E R10 HT C	No	Grant Amount in Rs	562000	Loan/Investment Agency Name	562500	No					
	Agency Type	International Agencies	Agency Type	International Agencies																	
	Award / Position / Recognition Secured	US D 750 0	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil																	
	Date of Investment Raised	13-11-2019																			
	Name				Type				Gender			Email			Contact						
Dr. Vijayalaxmi Biradar					Faculty				Female			laxmi81181@gmail.com			9505949113						
Name					Type				Gender			Email			Contact						
PoluTaran Kumar Reddy					Student				Male			-			-						
16	Unnat Bharat Abhiyan-Village Survey	Service Innovation	Non-Technological / Social / Community Innovation	IQAC Cell	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	Agency Name	Unnat Bharat Abhiyan	No	Grant Amount in Rs	50000	Loan/Investment Agency Name	50000	No					
	Agency Type	Govt. Agency (Central)	Agency Type	Govt. Agency (Central)																	
	Award / Position / Recognition Secured	500 00	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil																	
	Date of Investment Raised	14-11-2019																			
	Name				Type				Gender			Email			Contact						
Dr. Vijayalaxmi Biradar					Faculty				Female			laxmi81181@gmail.com			9505949113						

	Name			Type				Gender			Email			Contact				
	NSS Unit			Student				Male			-			-				
17	Aadhar, Biometric and Coin based Rice Vending Machine	Product Innovation	Technological	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	Agency Name	Civil Supplies, Telangana Government	No			Loan/Investment Agency Name	575000	No			
					Agency Type	Govt. Agency (State)	Agency Type	Govt. Agency (State)										
					Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil											
					Date of Investment Raised	Date of Investment Raised	10-06-2019											
	Name			Type				Gender			Email			Contact				
	Dr. N. Dinesh Kumar			Faculty				Male			nalidinesh@gmail.com			9440076901				
18	Smart Security System for an orphanage	Product Innovation,Service Innovation	Technological	Student-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 Completed	Agency Name	IEE E EPI CS	No			Loan/Investment Agency Name	225000	Amount Received in Rs.			
					Agency Type	International Agencies	Agency Type	International Agencies										
					Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil											
					Date of Investment Raised	Date of Investment Raised	15-04-2019											
	Name			Type				Gender			Email			Contact				
	Dr. Vijayalaxmi Biradar			Faculty				Female			laxmi81181@gmail.com			9505949113				

	Name				Type				Gender			Email			Contact			
-	Student				Male				reddyshanker51@gmail.com			-						
pranavi chacham	Student				Female				chachampranavi@gmail.com			-						
19	Sustainable Practices	Service Innovation	Non-Technological / Social / Community Innovation	IEEE WIE VITS	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	Agency Name	R10 IEE E WIE	No	Grant Amount in Rs	15000	Loan/Investment Agency Name	15000			
									Agency Type	International Agencies				Agency Type	International Agencies			
										Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)				Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	nil			
										Date of Investment Raised	13-06-2019				Date of Investment Raised	13-06-2019		
Name				Type				Gender			Email			Contact				
Dr. Vijayalaxmi Biradar				Faculty				Female			laxmi81181@gmail.com			9505949113				
20	Dynamics of Certain Non linear System in Epidemiology	Process Innovation	Technological		Faculty	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	Agency Name	JNTUH TE QIP	No	Grant Amount in Rs	200000	No				
									Agency Type	Govt. Agency (State)								
										Award / Position / Recognition Secured	200000							
Name				Type				Gender			Email			Contact				
Dr. N. Phani Kumar				Faculty				Male			nphanikumar20@gmail.com			9177300877				

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

Srno	Name of the Venture/Sta rtup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Sta rtup/SME Unit	Nature of Innovat ion	Name of the Pre-Incubat ion/Inc ubation Unit of HEI Suppor ted Innovat ion Develo pment	Vent ure Foun ded by	Venture Registered as	Year of Regi strati on	What is the current status of Pre-Incubat ion/Inc ubation 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- incubat ion/Inc ubation Centre/ HEI receive d any income/ revenu e from venture/ startup for the pre- incubat ion/Inc ubation support and the service s offered by Pre- incubat ion/Inc ubation or institut e during the finan cial per iod 2019- 20	Has the Start- up Grown to a stage of Employ ment Gener ation to 10 Num bers or an annual Turnov er to Rs. 50 Lakhs during the finan cial year 2019- 20	
1	Arya.ai	Product Innovation	Technological	4796	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U74140DL1996PTC082700	2013-14	Graduated from the Incubation unit	No	No	No	No	Yes
	Name			DIN number			Type		Gender		Email	Contact		
	Deekshith Marla			6692 2199			Alumni Entrepreneur		Male		deekshith@arya.ai	9810048095		
2	Assert Tech Solutions	Process Innovation	Technological	4796	Alumni	Venture with Corporate Identification Number (CIN) Registration	U72900TG2019PTC134728	2013-14	Received Incubation Support from Incubation Unit	No	No	No	No	No
	Name			DIN number			Type		Gender		Email	Contact		
	Srikanth Reddy Karrupu			6797 5516			Alumni Entrepreneur		Male		info@asserttech.in	9703300095		
3	Techno Sense Consulting Private Limited	Product Innovation	Technological	4784	Alumni	Venture with Corporate Identification Number (CIN) Registration	U72501TG2019PTC132864	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No

	Name			DIN number			Type		Gender			Email		Contact	
	K Rama Krishna Reddy			08459929			Alumni Entrepreneur		Male			rami.konyala@gmail.com		9505949118	
4	IOTRONICS	Service Innovation	Technological	4796	Alum ni	Venture with Corporate Identification Number (CIN) Registration	U72900KA2 020PTC137 209	2018 -19	Received Incubation Support from Incubation Unit	No	No	No	No	No	No
	Name			DIN number			Type		Gender			Email		Contact	
	V Vishnu Kumar			36291654177			Alumni Entrepreneur		Male			vishnu@iotronics.in		9866386965	

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	Dhanush Engineering Services India Pvt.Ltd., Hyderabad	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	240	24-09-2019
2	Education Matters	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	55	21-01-2019
3	Saint Peter's University	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	450	19-01-2019
4	ARKANSAS STATE UNIVERSITY	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	543	01-01-2019
5	KRISTIANSTAD UNIVERSITY	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	423	15-02-2019
6	UREKA Educational Group	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	956	11-09-2020
7	H-BOTS, Hyderabad	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	756	22-08-2019
8	LOOP REALITY	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	357	18-12-2019
9	Pulse Active Solutions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	952	25-11-2019
10	OXFORD UNIVERSITY PRESS	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	592	31-10-2019
11	V-MEDULIFE	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	2820	13-12-2019

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	MPT-DETECTION: MEDICAL PROBLEMS DETECTION USING MACHINE LEARNING, DEEP LEARNING CONCEPT	201941051519	National	2019 - 12	Uploaded
2	ADVANCED MEDICAL OBSERVATION CARE USING BLOCKCHAIN TECHNOLOGY	202041003436	National	2020 - 01	Uploaded
3	EFFECTIVE DENSITY-BASED CLUSTERING METHODS FOR STREAMING DATA	202041006657	National	2020 - 02	Uploaded
4	HYGENIC AUTOMATED FOOD PROCESSING MACHINE (HAFPM) USING PNEUMATICS THROUGH PLC	201841049124	National	2019 - 04	Uploaded
5	A WEARABLE SAFETY DEVICE AND A METHOD TO OPERATE THE SAME	201941042830	National	2019 - 10	Uploaded
6	A SEWER MONITORING AND CONTROLLING	201941042837	National	2019 - 10	Uploaded
7	AN APPARATUS FOR WASHING AND CHOPPING EDIBLES AND A METHOD THEREOF	201941042825	National	2019 - 10	Uploaded
8	ED-MACHINE: NANO POWDER MIXED VEGETABLE OIL AS DIELECTRIC FLUID COUPLED WITH CRYOGENICALLY TREATED ELECTRODE AND BIO THINNER FOR ENHANCEMENT OF PROCESS PERFORMANCE IN ELECTRICAL DISCHARGE MACHINING	201941029200	National	2019 - 07	Uploaded
9	IT- TURNING PROCESS: INTELLIGENT IMAGE PROCESSING TECHNOLOGY FOR TEXTURED CUTTING TOOL WEAR MEASUREMENT IN TURNING PROCESS.	201941031853	National	2019 - 08	Uploaded
10	REAL-TIME NON-INTRUSIVE DRIVER FATIGUE DETECTION AND ALERT SYSTEM	202041044246	National	2020 - 03	Uploaded

Section 8 > v : List the IPs held 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. G.Durga Sukumar (Head of Institute) and Dr. Vijayalaxmi Biradar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute



Dr. G.Durga Sukumar
Head of the Institution,
Hyderabad, Telangana

Nodal officer



Dr. Vijayalaxmi Biradar
Nodal Officer,
Hyderabad, Telangana