



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Dr Ambedkar institute of Technology [ARI-C-1291]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	679	38	27
2	Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Technical	0	7	5
3	Electronics and Telecommunication Engineering	Academic Department with lab facility	Electronics and Telecommunication Engineering	UG / PG / PhD	Technical	243	13	8
4	Industrial Engineering and Management	Academic Department with lab facility	Industrial Engineering and Management	UG / PG / PhD	Technical	163	9	10
5	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	200	24	19
6	Master of Business Application	Academic Department with lab facility	Master of Business Application	UG / PG / PhD	Technical	104	8	2
7	Electronics and instrumentation Engineering	Academic Department with lab facility	Electronics and instrumentation Engineering	UG / PG / PhD	Technical	268	13	9
8	Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	843	36	12
9	Mathematics	Academic Department with lab facility	Mathematics	UG / PG / PhD	Technical	0	13	0
10	Electrical and Electronics engineering	Academic Department with lab facility	Electrical and Electronics engineering	UG / PG / PhD	Technical	274	15	14
11	Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Technical	0	7	4
12	Master of Computer Application	Academic Department with lab facility	Master of Computer Application	UG / PG / PhD	Technical	166	11	7

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13	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	783	35	13
14	Medical Electronics Engineering	Academic Department with lab facility	Medical Electronics	UG / PG / PhD	Technical	74	7	5
15	MBA Research Center	Research Unit / Park	MBA Research Center	UG / PG / PhD	Technical	8	8	2
16	Medical Electronics Research Center	Research Unit / Park	Medical Electronics Research Center	UG / PG / PhD	Technical	2	7	5
17	Electrical and Electronics Research Center	Research Unit / Park	Electrical and Electronics Research Center	UG / PG / PhD	Technical	17	15	14
18	ECE Research Center	Research Unit / Park	ECE Research Center	UG / PG / PhD	Technical	25	35	13
19	ME Research Center	Research Unit / Park	ME Research Center	UG / PG / PhD	Technical	25	38	27
20	IEM Research Center	Research Unit / Park	IEM Research Center	UG / PG / PhD	Technical	13	9	10
21	Civil Engineering Research Center	Research Unit / Park	Civil Engineering Research Center	UG / PG / PhD	Technical	10	24	19
22	Mathematics Research Center	Research Unit / Park	Mathematics Research Center	UG / PG / PhD	Technical	16	13	0
23	EIE Research Center	Research Unit / Park	EIE Research Center	UG / PG / PhD	Technical	8	13	9
24	CSE Research Center	Research Unit / Park	CSE Research Center	UG / PG / PhD	Technical	14	36	12
25	ISE Research Center	Research Unit / Park	ISE Research Center	UG / PG / PhD	Technical	10	11	9
26	Information Science and Engineering	Academic Department with lab facility	Information Science and Engineering	UG / PG / PhD	Technical	280	11	9
27	ETC Research Center	Research Unit / Park	ETC Research Center	UG / PG / PhD	Technical	16	13	8
28	Chemistry	Research Unit / Park	Chemistry	UG / PG / PhD	Technical	4	7	4
29	Physics Research Center	Research Unit / Park	Physics Research Center	UG / PG / PhD	Technical	1	7	5
30	MCA Research Center	Research Unit / Park	MCA Research Center	UG / PG / PhD	Technical	8	11	7
31	Industrial Engineering and Management	Incubation Unit	Industrial Engineering and Management	UG / PG / PhD	Technical	125	9	10
32	Industrial Engineering and Management	Industry Institute Interface Unit	Industrial Engineering and Management	UG / PG / PhD	Technical	125	9	10
33	Industrial Engineering and Management	Centre of Excellence with Advance Tools & Equipment	Industrial Engineering and Management	UG / PG / PhD	Technical	125	9	10

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810501
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Tips for becoming successful entrepreneurship	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Mechanical Engineering	13-03-2020 00:00:00	13-03-2020 00:00:00	1	Within Campus	160	30	0	0	190	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 8000	No
2	Industrial visit to Dandelli	Innovation	Exposure visit	Institute Lead Activity	ECE	07-03-2020 00:00:00	09-03-2020 00:00:00	3	Outside Campus	108	4	0	0	112	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 200000	No
3	Electrotech departmental Fest	Innovation	Exhibition	Institute Lead Activity	ECE	14-09-2019 00:00:00	15-09-2019 00:00:00	2	Within Campus	700	3	100	0	803	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 225000	No
4	Introduction about substations	Innovation	Training	Student Lead Activity	EEE	11-01-2020 00:00:00	11-01-2020 00:00:00	1	Within Campus	171	2	0	0	173	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No

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

5	Block chain	Innovation	Seminar	Institute Lead Activity	EEE	06-03-2020 00:00:00	06-03-2020 00:00:00	1	Within Campus	50	2	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No						
6	National Level Techno Exhibition	Innovation	Exhibition	Institute Lead Activity	Dr. Ambedkar Institute of Technology	13-04-2019 00:00:00	14-04-2019 00:00:00	2	Within Campus	200	60	500	20	780	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1426435	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Institute won 3rd Prize for best innovation project</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Beyond Imagination</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Institute won 3rd Prize for best innovation project	Title of Innovation / Start-up Secured the Award / Recognition	Beyond Imagination	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Title of Innovation / Start-up Secured the Award / Recognition	Beyond Imagination																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research	
1	6 DAYS ONLINE TRAINING PROGRAM ON IPR FOR ENGINEERS AND SCIENTISTS	IPR	Awareness	CMRIT and AICTE	Educational Institute	14-01-2020 00:00:00	19-01-2020 00:00:00	6	500	0	500	No	---	---	No	No	
2	Tips for becoming successful entrepreneurship	Entrepreneurship/Startup	Mentoring Session	Dr. AIT Bangalore	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	160	30	190	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
3	Design and Development of Nano satellites	Innovation	Seminar	Dayanad Sagar University	Educational Institute	03-07-2019 00:00:00	06-07-2019 00:00:00	4	0	1	1	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	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	HSS	01-08-2019	31-12-2019	153	Offline	76	39
2	Intellectual Property Rights(IPR) (18HS61)	IPR	Elective/Core Credit Course	Bachelor	HSS	01-01-2020	30-04-2020	121	Offline	59	39
3	Electrical Vehicle Technology(18EE644 and 18EEE03)	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-01-2020	31-05-2020	152	Offline	60	39
4	Smart Grid Technology(18EE645)	Innovation	Elective/Core Credit Course	Bachelor	EEE	01-01-2020	31-05-2020	152	Offline	60	39
5	Management and Entrepreneurship	IPR	Elective/Core Credit Course	Bachelor	MBA	01-08-2019	31-12-2019	153	Offline	1100	52
6	Industrial Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-08-2019	31-12-2019	153	Offline	167	39
7	Product Design and Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
8	Rapid Prototyping	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
9	Solar Energy Engineering	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
10	Smart Materials	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
11	COMPOSITE MATERIALS AND MANUFACTURING	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
12	HEATING VENTILATION and AIR CONDITIONING	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
13	COMPOSITE MATERIALS Technology	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
14	OPERATIONS RESEARCH	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
15	AUTOMOTIVE ENGINEERING	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
16	ADVANCED WELDING PROCESSES	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
17	MINI-PROJECT WORK	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
18	COMPUTATIONAL FLUID DYNAMICS	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
19	PROJECT WORK	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
20	SUBJECT SEMINAR	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39

21	INTERNAL COMBUSTION ENGINES	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-08-2019	31-12-2019	153	Offline	167	39
22	Mobile Adhoc Networks	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-08-2019	31-12-2019	153	Offline	238	52
23	Wireless Sensor Networks	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-01-2019	31-05-2019	151	Offline	134	52
24	ADVANCED MANUFACTURING PROCESSES	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-01-2020	30-04-2020	121	Offline	167	39
25	Constitution of India Professional Ethics and Human Rights	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-01-2020	30-04-2020	121	Offline	167	39
26	Neural Networks	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-01-2019	31-05-2019	151	Offline	75	52
27	Environmental Studies	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-01-2020	30-04-2020	121	Offline	167	39
28	Mechanical Measurements	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-01-2020	01-04-2020	92	Offline	167	39
29	Software Testing	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-01-2019	31-05-2019	151	Offline	136	42
30	Numerical Methods and Applied Statistics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ME	01-01-2020	30-04-2020	121	Offline	167	39
31	Cyber Forensics	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-01-2020	31-05-2020	152	Offline	134	42
32	Big data Analytics	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-08-2019	31-12-2019	153	Offline	134	42
33	Artificial Intelligence and Machine Learning	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-08-2019	31-12-2019	153	Offline	69	42
34	Cryptography and Network Security	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-08-2019	31-12-2019	153	Offline	45	42
35	Internet of Things	Innovation	Elective/Core Credit Course	Bachelor	CSE	01-08-2019	31-12-2019	153	Offline	158	42
36	Artificial Neural Network	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Online	61	52
37	Digital Switching Systems	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	109	52
38	Power Electronics	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	30	52

39	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	180	30
40	Cryptography	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	140	52
41	Automotive Safety measurements	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2020	517	Offline	78	52
42	Mechatronics	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	17	52
43	Robotics And Machine Vision System	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	45	52
44	Nano Electronics	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-07-2020	31-12-2020	184	Online	45	52
45	DSP Algorithms and Architecture	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-08-2020	31-12-2020	153	Online	71	52
46	Geospatial inputs for enabling Master plan formulation	Innovation	Short term Course	Short Term Certificate Course	EI	27-07-2020	31-12-2020	158	Online	2	30
47	Operating System	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-08-2020	31-12-2020	153	Online	26	52
48	Operation Research	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-08-2020	31-12-2020	153	Online	138	52
49	Robotics	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-08-2020	31-12-2020	153	Online	17	52

50	Satellite Communication	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2020	31-05-2020	152	Offline	42	52
51	Embedded Systems and IOT applications	Innovation	Elective/Core Credit Course	Bachelor	ML	01-08-2019	31-12-2019	153	Offline	10	52
52	Cryptography and Network Security	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2020	31-05-2020	152	Offline	90	52
53	Biomedical Instrumentation	Innovation	Elective/Core Credit Course	Bachelor	ML	01-08-2019	31-12-2019	153	Offline	20	52
54	Real Time Operating System	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2020	31-05-2020	152	Offline	24	52
55	Semiconductor Fabrication	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2020	31-05-2020	152	Offline	8	52
56	Rehabilitation Engineering	Innovation	Elective/Core Credit Course	Bachelor	ML	01-01-2020	31-05-2020	152	Offline	10	52
57	Wireless sensor Network	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2020	31-05-2020	152	Offline	40	52
58	Biomaterials and Artificial organs	Innovation	Elective/Core Credit Course	Bachelor	ML	01-08-2020	31-12-2020	153	Offline	20	52
59	Mobile communication	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2020	31-05-2020	152	Offline	70	52
60	Medical Device Regulations	Innovation	Elective/Core Credit Course	Bachelor	ML	01-08-2020	31-12-2020	153	Offline	20	52
61	Management and Entrepreneurship (18HS51)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Humanities Department	01-08-2019	31-12-2019	153	Offline	76	39
62	Intellectual Property Rights(IPR) (18HS61)	IPR	Elective/Core Credit Course	Bachelor	Humanities Department	01-01-2020	31-05-2020	152	Offline	60	39
63	Electrical Vehicle Technology(18EE644 and 18EE03)	Innovation	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
64	Smart Grid Technology(18EE645)	Innovation	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39

65	Power Electronics(18EE44)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	52
66	Linear Integrated Circuits and Applications	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
67	Management and Entrepreneurship (18HS51)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2020	31-12-2020	153	Offline	76	39
68	Microcontroller(18EE53)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	76	39
69	Electrical Machine Design(18EE54)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	76	52
70	Programmable Logic Controllers(18EE551)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	76	39
71	VLSI Circuits Design(18EE552)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	76	39
72	Embedded Systems(18EE554)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	76	39
73	Intellectual Property Rights(IPR)(18HS61)	IPR	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
74	Power System Analysis-I(18EE61)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
75	High Voltage Engineering(18EE62)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
76	Special Electrical Machines(18EE642)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
77	Artificial Intelligence to Electrical Engineering(18EE643)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
78	Electrical Vehicle Technology(18EE644)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
79	Smart Grid Technology(18EE645)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39

80	Flexible AC Transmission Systems(FACTS)(EE731)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	65	39
81	Energy Auditing and Demand Side Management(EE732)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-08-2019	31-12-2019	153	Offline	65	39
82	Testing and Commissioning of Electrical Equipment (EE831)	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Electrical and Electronics	01-01-2020	31-05-2020	152	Offline	60	39
83	Modeling and Simulation for Power Electronics (20EPE12)	Innovation	Elective/Core Credit Course	Master	Power Electronics	01-08-2019	31-12-2019	153	Offline	10	39
84	MPPT in Solar System (20EPE162)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-08-2019	31-12-2019	153	Offline	10	39
85	Integration of Renewable Energy Sources(20EPE153)	Innovation	Elective/Core Credit Course	Master	Power Electronics	01-08-2019	31-12-2019	153	Offline	10	39
86	Electrical Vehicle Technology (20EPE163)	Innovation	Elective/Core Credit Course	Master	Power Electronics	01-08-2019	31-12-2019	153	Offline	10	39
87	Power Quality (20EPE261)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-01-2020	31-12-2020	366	Offline	10	39
88	HVDC Power transmission (20EPE24)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-01-2020	31-12-2020	366	Offline	10	39
89	FACTS Controller(20EPE252)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-01-2020	31-12-2020	366	Offline	10	39
90	AC and DC Drives(20EPE21)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-01-2020	31-05-2020	152	Offline	10	39
91	Multi-Terminal DC Grids(20EPE253)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-01-2020	31-05-2020	152	Offline	10	39
92	Uninterruptible Power Supply (20EPE262)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Power Electronics	01-01-2020	31-05-2020	152	Offline	10	39
93	Artificial Neural Network	Innovation	Elective/Core Credit Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	01-01-2019	31-05-2019	151	Offline	61	52
94	Cyber Security	Innovation	Short term Course	Short Term Certificate Course	Telecommunication	10-02-2020	21-02-2020	12	Offline	1	80
95	Examination Reforms	Innovation	Short term Course	Short Term Certificate Course	Telecommunication	22-04-2020	25-04-2020	4	Online	1	30
96	Exploring the Dimensions of Innovation Incubation and Emerging Technologies to Embrace Post COVID Changes	Innovation	Short term Course	Short Term Certificate Course	Telecommunication	08-06-2020	12-06-2020	5	Online	1	40

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	Design and Analysis using Catia and Anys (For Setting up Training Centers)	Entrepreneurship/Startup	Employment Generation Training Programs	ISE	28-01-2019	02-02-2019	6	Offline	167	36
2	Get Quality Patent	IPR	Employment Generation Training Programs	EEE	17-02-2020	23-02-2020	7	Offline	30	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	Dr Jyoti Koujalagi	Electrical and Electronics Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	NPTEL(IIT Madras)	IPR	FDP in I&E, IPR	NPTEL(IIT Madras)	Govt. Agency (Central)	14-09-2020 00:00:00	09-10-2020 00:00:00	26	Online
2	Dr Jyoti Koujalagi	Electrical and Electronics Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	webinar	IPR	Short term Certificate	Startup CellDr AIT, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
3	Mr.Praveena M.V	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Intellectual Property Rights and Innovations	IPR	EDP in I&E, IPR	East West Institute of Technology, Bengaluru, Karnataka and KSCST, Govt. of Karnataka.	Govt. Agency (State)	23-06-2020 00:00:00	27-06-2020 00:00:00	5	Online
4	Mr.Srinivasa A H	Computer Science and Engineering	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Intellectual Property Rights and Innovations	IPR	EDP in I&E, IPR	East West Institute of Technology, Bengaluru, Karnataka and KSCST, Govt. of Karnataka.	Govt. Agency (State)	23-06-2020 00:00:00	27-06-2020 00:00:00	5	Online
5	Dr.Gowrishankar S.	Computer Science and Engineering	Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Intellectual Property Rights and Innovations	IPR	EDP in I&E, IPR	East West Institute of Technology, Bengaluru, Karnataka and KSCST, Govt. of Karnataka.	Govt. Agency (State)	23-06-2020 00:00:00	27-06-2020 00:00:00	5	Online
6	Veena A	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
7	Dr.Smitha Shekhar	Computer Science and Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
8	Mr.Revannasiddappa	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
9	Ms.Tejaswini K	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	-	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
10	Mamatha S K	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	-	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
11	Madhu B	Computer Science and Engineering		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
12	Ms.Vinutha H	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
13	Dr.Nandini N	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
14	Ms.Pushpaveni H P	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
15	Mr.Praveena M.V	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	-	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
16	Ms.Veena Potdar	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	Online
17	Mr.Chidanandan V	Computer Science and Engineering		Assistant Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Patents to Boost Innovation	IPR	Short term Certificate	Dr.Ambedkar Institute of Technology, Bengaluru	Educational Institute	18-06-2020 00:00:00	18-06-2020 00:00:00	1	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	Web Development Club	Idea Club	2020	Co-working Space	Pre-Incubation Unit	2	Vineeth Kalghatgi	vkalghat@dr-ait.org	9632354661
2	App Development Club	Idea Club	2020	Co-working Space	Pre-Incubation Unit	2	Nithin Kumar B	nithinkumar5353@gmail.com	8867266389
3	Coding Club	Idea Club	2020	Co-working Space	Pre-Incubation Unit	2	Sanbit Sanyal	sanbit_sanyal199@gmail.com	8867783430
4	Machine Learning Club	Idea Club	2020	Co-working Space	Pre-Incubation Unit	4	Nikith Periwal	nikith_periwal@gmail.com	7002115243
5	Innovation Club	Innovation Club	2019	Co-working Space	Innovation Labs	1	Amogh Aradhya	amoghmanjunath99@gmail.com	9663462919
6	Skill Development Club	Idea Club	2019	Co-working Space	Incubation Unit	1	Chandana M	chandana9423@gmail.com	9591395422
7	DISC (Department of Information Science Club)	Idea Club	2014	Work Stations	Pre-Incubation Unit	1	Manish Chandrashekar D	manish.gowda2@gmail.com	8495066909
8	Rally Car design club	Innovation Club	2018	Co-working Space	Innovation Labs	2	Siri	siri2016@gmail.com	9591179897
9	SAE Student Chapter	Idea Club	2016	3D Printing	Innovation Labs	1	Prasanna H P	sae.me@drait.edu.in	9738035498
10	ISTE Student Chapter	Idea Club	1995	Co-working Space	Innovation Labs	1	Puneeth Gowda	iste.me@drait.edu.in	9901000078
11	ISAMPE Student Chapter	Idea Club	2004	Co-working Space	Innovation Labs	1	Mulul R	isampe.me@drait.edu.in	7349028801
12	ASKRAA	Idea Club	2018	3D Printing	Innovation Labs	10	Puneeth Gowda	askraa.me@drait.edu.in	9620397639
13	Additive Manufacturing Club	Innovation Club	2019	3D Printing	Innovation Labs	1	Harish	harish8361@gmail.com	8970608361

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?
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Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

1	Computer Science Department Pre-Incubation Centre	Innovation Centre	2018	Co-working Space	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Gowris hankar G</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gowris hankar. cs@dr ait.edu. in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>998637 4400</td> </tr> </table>	Facility Incharge Name	Dr. Gowris hankar G	Facility Incharge Email	gowris hankar. cs@dr ait.edu. in	Facility Incharge Phone	998637 4400	2	No	No	Yes
Facility Incharge Name	Dr. Gowris hankar G																
Facility Incharge Email	gowris hankar. cs@dr ait.edu. in																
Facility Incharge Phone	998637 4400																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		PVP Welfare Trust				Educational Institute		2000000									
2	Sir M. Visvesvaraya Aavishkaara Kendra	Innovation Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Shivap utra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shivap utra.ec @drait. edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>903569 8291</td> </tr> </table>	Facility Incharge Name	Dr. Shivap utra	Facility Incharge Email	shivap utra.ec @drait. edu.in	Facility Incharge Phone	903569 8291	5	No	No	No
Facility Incharge Name	Dr. Shivap utra																
Facility Incharge Email	shivap utra.ec @drait. edu.in																
Facility Incharge Phone	903569 8291																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		Dr. Ambedkar Institute of Technology, Bangalore				Educational Institute		100000									
3	Tinkering Lab	Tinkering Lab	2018	Co-working Space	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. T N Raju</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajuth. me@dr ait.edu. in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>962039 7639</td> </tr> </table>	Facility Incharge Name	Dr. T N Raju	Facility Incharge Email	rajuth. me@dr ait.edu. in	Facility Incharge Phone	962039 7639	1	No	No	Yes
Facility Incharge Name	Dr. T N Raju																
Facility Incharge Email	rajuth. me@dr ait.edu. in																
Facility Incharge Phone	962039 7639																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		Dr. Ambedkar Institute of Technology, Bangalore				Educational Institute		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)

4	Project Lab & Research lab	Innovation Centre	2008	Co-working Space	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Eranna</td> </tr> <tr> <td>Facility Incharge Email</td> <td>eranna64@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9844590688</td> </tr> </table>	Facility Incharge Name	Dr Eranna	Facility Incharge Email	eranna64@gmail.com	Facility Incharge Phone	9844590688	5	No	No	No
Facility Incharge Name	Dr Eranna																
Facility Incharge Email	eranna64@gmail.com																
Facility Incharge Phone	9844590688																
5	Innovation for Network Security	Innovation Centre	2018	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Yamunadevi C R</td> </tr> <tr> <td>Facility Incharge Email</td> <td>yamuna.devi@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9886716525</td> </tr> </table>	Facility Incharge Name	Dr. Yamunadevi C R	Facility Incharge Email	yamuna.devi@gmail.com	Facility Incharge Phone	9886716525	2	No	No	Yes
Facility Incharge Name	Dr. Yamunadevi C R																
Facility Incharge Email	yamuna.devi@gmail.com																
Facility Incharge Phone	9886716525																
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource				Dr. Ambedkar Institute of Technology			Educational Institute		0								

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?						
1	Internet of Things	2020	Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Gowrishankar and Srinivasa A H</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gowrishankarnath.cs@drait.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8217748481</td> </tr> </table>	Facility Incharge Name	Dr. Gowrishankar and Srinivasa A H	Facility Incharge Email	gowrishankarnath.cs@drait.edu.in	Facility Incharge Phone	8217748481	2	No	No	Yes
Facility Incharge Name	Dr. Gowrishankar and Srinivasa A H														
Facility Incharge Email	gowrishankarnath.cs@drait.edu.in														
Facility Incharge Phone	8217748481														

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																	
-		-		-		0																	
2	Insulation and HV Lab	2008	Innovation Park/Research Park	TEQIP	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. S. Vasud eva Murthy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sv65murthy@yahoo.co.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448842580</td> </tr> </table>	Facility Incharge Name	Dr. S. Vasud eva Murthy	Facility Incharge Email	sv65murthy@yahoo.co.in	Facility Incharge Phone	9448842580	5	No	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td></td> </tr> </table>	Yes		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)		No
Facility Incharge Name	Dr. S. Vasud eva Murthy																						
Facility Incharge Email	sv65murthy@yahoo.co.in																						
Facility Incharge Phone	9448842580																						
Yes																							
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)																							

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?						
1	Computer Science Department Incubation Unit	2018	Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Srinivasa A H</td> </tr> <tr> <td>Facility Incharge Email</td> <td>srinivasaah.cs@drait.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9449611659</td> </tr> </table>	Facility Incharge Name	Srinivasa A H	Facility Incharge Email	srinivasaah.cs@drait.edu.in	Facility Incharge Phone	9449611659	2	No	No	No
Facility Incharge Name	Srinivasa A H														
Facility Incharge Email	srinivasaah.cs@drait.edu.in														
Facility Incharge Phone	9449611659														

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Ambedkar Center for Tech Start Up	2018	Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Gowrishankar S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gowrishankar.nath.cs@drait.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8217748481</td> </tr> </table>	Facility Incharge Name	Dr. Gowrishankar S	Facility Incharge Email	gowrishankar.nath.cs@drait.edu.in	Facility Incharge Phone	8217748481	1	No	No	No
Facility Incharge Name	Dr. Gowrishankar S														
Facility Incharge Email	gowrishankar.nath.cs@drait.edu.in														
Facility Incharge Phone	8217748481														

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.Gowrishankar S.	Professor	Entrepreneurship/Startup Development	20
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Innovation Start Up Mentor		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	Mrs. Bindhu/Origin IP Solutions LLP, Founder & CEO	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
Drafting and Filing of Patent Applications		01-04-2019	31-03-2020	366	5	10	Innovation/Prototype

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019																				
1	Online Feedback System	Product Innovation	Technological	Dr. Ambedkar Institute of Technology	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Completed	No	No	10000	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. Siddaraju</td> <td>Faculty</td> <td>Male</td> <td>siddaraju.ait@gmail.com</td> <td>9449619956</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Dr. Siddaraju	Faculty	Male	siddaraju.ait@gmail.com	9449619956										
Name	Type	Gender	Email	Contact																													
Dr. Siddaraju	Faculty	Male	siddaraju.ait@gmail.com	9449619956																													
<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>Ms. Veena Podar</td> <td>Faculty</td> <td>Female</td> <td>veenapodar.cs@drait.edu.in</td> <td>9880185351</td> </tr> <tr> <td>Ms. Asha K N</td> <td>Faculty</td> <td>Female</td> <td>ashakn.cs@drait.edu.in</td> <td>9880646148</td> </tr> <tr> <td>Ms. Madhu B</td> <td>Faculty</td> <td>Female</td> <td>madhub.cs@drait.edu.in</td> <td>9945187060</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Ms. Veena Podar	Faculty	Female	veenapodar.cs@drait.edu.in	9880185351	Ms. Asha K N	Faculty	Female	ashakn.cs@drait.edu.in	9880646148	Ms. Madhu B	Faculty	Female	madhub.cs@drait.edu.in	9945187060
Name	Type	Gender	Email	Contact																													
Ms. Veena Podar	Faculty	Female	veenapodar.cs@drait.edu.in	9880185351																													
Ms. Asha K N	Faculty	Female	ashakn.cs@drait.edu.in	9880646148																													
Ms. Madhu B	Faculty	Female	madhub.cs@drait.edu.in	9945187060																													
2	Towards many to many communications among the deaf, dumb and blind users	Product Innovation	Technological	KCST	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	5300	No	No																				

Name		Type							Gender		Email		Contact	
Mrs. Vinutha		Faculty							Female		vinuthah.cs@drait.edu.in		9916127950	
3	Data Analytics Framework - An automated tool for futuristic business Application	Product Innovation	Technological	KCST	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	Grant Amount in Rs	5000	No	No
	Name		Type							Gender		Email		Contact
	Dr. Smitha Shekar		Faculty							Female		smithashekar_b@yahoo.co.in		9880857197
	Name		Type							Gender		Email		Contact
Dr. Harish G		Faculty							Male		c_harishg@yahoo.com		9008733455	
4	weather monitoring and data acquisition device	Product Innovation	Technological	Dr. AIT	Student	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Adopted and Implemented at Ground	No	No	Grant Amount in Rs	10000	No	No
	Name		Type							Gender		Email		Contact
	Amogh Aradhya		Student							Male		amoghmanjunath99@gmail.com		9663462919

5	IoT based device for home automation	Product Innovation	Technological	Dr AIT	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	10000	Grant Amount in Rs	No	No	Agency Name	Government of India	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	Participation Certificate				
																Name		Type		Gender		Email		Contact	
																Amogh Aradhya		Student		Male		amoghmanjunath99@gmail.com		9663462919	
6	Application for e-commerce	Service Innovation	Non-Technological / Social / Community Innovation	Dr. AIT	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	5000	Grant Amount in Rs	No	No	Name		Type		Gender		Email		Contact	
																Chetan N		Faculty		Male		chtn_n@yahoo.com		9845242205	
																Chandana M		Student		Female		chtn_n@yahoo.com		9845242205	
7	Technovate- 2020	Process Innovation	Technological	Dr AIT	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Dropped	No	No	No			No	No	Name		Type		Gender		Email		Contact	

Name		Type		Gender		Email		Contact					
Dr. Yamuna Devi C R		Faculty		Female		yamunadevicr.et@drait.edu.in		9886716525					
Name		Type		Gender		Email		Contact					
Maheshan K V		Faculty		Male		mahesan.et@drait.edu.in		9448412146					
8	IoT Smart Switch	Product Innovation	Technological	Department of IEM & CSE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
Name		Type		Gender		Email		Contact					
Mr Amogh M R		Student		Male		amoghmanjunath99@gmail.com		9663462919					
Name		Type		Gender		Email		Contact					
Dr. G. Rajendra		Faculty		Male		rajendra.im@drait.edu.in		9845659168					
9	Macro Key Controller	Product Innovation	Technological	Department of IEM	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 12000	No	No
Name		Type		Gender		Email		Contact					
Mr. Amogh		Student		Male		amoghmanjunath99@gmail.com		9663462919					

10	Safel	Process Innovation	Technological	Department of CSE	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Dr. Smithashekar		Faculty			Female		smithashekar.cs@drait.edu.in			9880857197			
11	BUOY scalable Water quality monitoring System	Product Innovation	Technological	Department CSE	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 60000	No	No
Name		Type			Gender		Email			Contact			
Dr. Siddaraju		Faculty			Male		siddaraju.cs@drait.edu.in			9449619956			
Name		Type			Gender		Email			Contact			
Mr. Biswajith Pal		Innovator/Entrepreneur External to Institute			Male		biswajit.pal@gmail.com			9741123553			
12	Use of Wearable device to perform realtime analysis for the wellness of aging population and patients by developing a big data analytics system	Product Innovation	Technological	Department of CSE	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 500000	No	No

Name		Type							Gender		Email		Contact	
Dr. Gowrishankar		Faculty							Male		gowrishankar.cs@drait.edu.in		9986374400	
13	Determination of Pupil Size using Multi Spectral Imaging	Product Innovation, Process Innovation	Technological	Department of Medical Electronics Engineering	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 3000		No	
	Name		Type							Gender		Email		Contact
	Dr. Shanthi K J		Faculty							Female		shanthi.kj@gmail.com		8618911483
	Name		Type							Gender		Email		Contact
	Miss. Chaitra		Student							Female		chaitramanjanbail@gmail.com		8073567330
Dr. Bharath Hegde		Innovator/Entrepreneur External to Institute							Male		bharathkumar.hegde@gmail.com		7259459469	
14	Online Fee Collection System	Process Innovation	Technological	Department of Electronics & Instrumentation	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	Grant Amount in Rs 200000		No	
	Name		Type							Gender		Email		Contact
Prasannakumar M		Faculty							Male		prasannakm13@gmail.com		9449679652	

15	Online PG Thesis Evaluation System	Process Innovation	Technological	Department of Electronics & Instrumentation	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	Grant Amount in Rs 200000	No	No
Name		Type			Gender		Email			Contact			
Prasannakumar M		Faculty			Male		prasannakm13@gmail.com			9449679652			
16	A Portable device to measure blood pressure, Heart Rate, Body temperature and Respiratory flow rate	Product Innovation	Technological	Department of Electronics & Communication Engineering	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 115910	No	No
Name		Type			Gender		Email			Contact			
Dr. Mahalinga V Mandi		Faculty			Male		mvmandi@yahoo.com			9448800637			
Name		Type			Gender		Email			Contact			
Mr. Varun C Patil		Student			Male		varuncpatil1997@gmail.com			7019958815			
Mr. Parithosh Tripathi		Faculty			Male		parithoshtripathi@rmlau.ac.in			9818588530			
17	Multi Purpose Defense Robot	Product Innovation	Technological	Department of E&C	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No

Name		Type		Gender		Email		Contact					
Sharth N		Student		Male		sharathbhushan18@gmail.com		8139931418					
Name		Type		Gender		Email		Contact					
HARSHA R		Faculty		Male		Harsh4no1@dr-ait.org		9620640486					
18	RENEWABLE ENERGY DRIVEN SPY VEHICLE	Product Innovation	Technological	Department of EC	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 12000	No	No
Name		Type		Gender		Email		Contact					
Bhumika P		Student		Female		bhumika.gowdap98@gmail.com		8660443418					
Name		Type		Gender		Email		Contact					
Harsha R		Faculty		Male		Harsh4no1@dr-ait.org		9620640486					
19	Multi purpose covid protection Robot	Product Innovation	Technological	Department of EC	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
Name		Type		Gender		Email		Contact					
Chinmayee		Student		Male		Bhchinmayee19@gmail.com		9902311722					
Name		Type		Gender		Email		Contact					
Harsha R		Faculty		Male		Harsh4no1@dr-ait.org		9620640486					

20	Smart Mirror Using Voice Interface	Product Innovation	Technological	Department of ISE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email		Contact				
MS.ROOPA SABRI.K		Student			Female		kathirraj98@gmail.com		9108695881				
Name		Type			Gender		Email		Contact				
S.PUSHPALATHA		Faculty			Female		pushpahemu@gmail.com		9886157588				
21	Human Robot Interaction(HRI) Based On Speech Recognition Using	Product Innovation	Technological	Department of ISE	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email		Contact				
MR. SHASHI KUMAR MG		Student			Male		shashi.raj.patel25@gmail.com		7259156045				
Name		Type			Gender		Email		Contact				
Mrs. JYOTHI S		Faculty			Female		jyothi.kashyapa@gmail.com		9008533887				
22	Envision System Configuration Detection using augmented a Reality	Product Innovation	Technological	Department of ISE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No

Name	Type	Gender	Email	Contact
MS Nisarga	Student	Female	nisargagangadhara@gmail.com	7760085359

Name	Type	Gender	Email	Contact
Prof. Sri Satish B Basapur	Faculty	Male	satish.basapur@gmail.com	9886563814

23	Smart drip infusion monitoring system and electronic valve system with quantitative control using IOT	Product Innovation	Technological	Department of ISE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
MR. AKASH DAS GUPTA	Student	Male	Akashdasgupta195@gmail.com	9738250056

Name	Type	Gender	Email	Contact
Mrs. VIJAYALAXMI R . PATILA	Faculty	Female	vijumalghan@yahoo.co.in	9844267424

24	A design of Smart Antenna Based Mobile Adhoc Network	Product Innovation, Process Innovation	Technological	Department of TC	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 100000	No	No
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Name	Type	Gender	Email	Contact
Dr. B Sivakumar	Faculty	Male	sivabs2000@yahoo.co.uk	9844468883

25	Digital Encryption of Speech Signal Based stream cypher system for secure voice communication	Product Innovation, Process Innovation	Technological	Department of ECE	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000000	No	No
Name		Type		Gender		Email		Contact					
Dr. Ramesh S		Faculty		Male		rameshs.ec@drait.edu.in		9743535359					

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

No Data Filled!

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	Green Pearl Pvt. Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	18-06-2019
2	IEEEPhotonics Bangalore Chapter	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	4	13-08-2019

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	A portable device to measure blood pressure, Heart rate, Body Temperature and expiratory Flow Rate	202041009243.	National	2020 - 03	Uploaded

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

No Data Filled!

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

No Data Filled!

Declaration

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

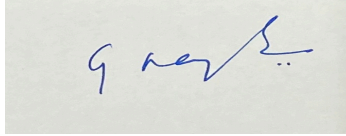
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. G. Rajendra (Head of Institute) and Dr. Mahalinga V Mandi (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

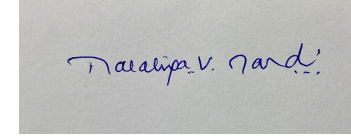
Thank you

The Head of Institute



Dr. G. Rajendra
Head of the Institution,
Bangalore, Karnataka

Nodal officer



Dr. Mahalinga V Mandi
Nodal Officer,
Bangalore, Karnataka