



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: K. Ramakrishnan College of Technology (New) [ARI-C-25054]

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	CIVIL ENGINEERING	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	291	25	4
2	CIVIL ENGINEERING	Pre-incubation unit	STRENGTH OF MATERIALS	UG / PG / PhD	Technical	291	25	4
3	CIVIL ENGINEERING	Pre-incubation unit	ENVIRONMENTAL ENGINEERING	UG / PG / PhD	Technical	291	25	4
4	CIVIL ENGINEERING	Pre-incubation unit	SOIL CHARACTERIZATION	UG / PG / PhD	Technical	291	25	4
5	CIVIL ENGINEERING	Pre-incubation unit	COMPUTER AIDED BUILDING DESIGN AND DRAWING	UG / PG / PhD	Technical	291	25	4
6	Electrical and Electronics and Engineering	Academic Department with lab facility	Electrical and Electronics and Engineering	UG / PG / PhD	Technical	193	24	3
7	Electrical and Electronics and Engineering	Pre-incubation unit	RENEWABLE ENERGY SYSTEMS	UG / PG / PhD	Technical	193	24	3
8	Computer science and engineering	Academic Department with lab facility	Computer science and engineering	UG / PG / PhD	Technical	455	28	5
9	Computer Science and Engineering	Pre-incubation unit	Internet of things	UG / PG / PhD	Technical	455	28	5
10	Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Data Analytics	UG / PG / PhD	Technical	455	28	5
11	MECHANICAL ENGINEERING	Academic Department with lab facility	MECHANICAL ENGINEERING	UG / PG / PhD	Technical	490	24	9
12	MECHANICAL ENGINEERING	Pre-incubation unit	ADDITIVE MANUFACTURING	UG / PG / PhD	Technical	490	24	9
13	MECHANICAL ENGINEERING	Pre-incubation unit	PRODUCTION ENGINEERING	UG / PG / PhD	Technical	490	24	9

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

14	Electronics and Communication Engineering	Academic Department with lab facility	To create Innovative and socially responsible Electronics and Communication Engineers with design skills and research focus to meet Societal and Industrial needs.	UG / PG / PhD	Technical	303	26	6
15	Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Data Structures	UG / PG / PhD	Technical	455	28	5
16	Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Cloud Computing	UG / PG / PhD	Technical	455	28	5
17	Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Programming Cengtre	UG / PG / PhD	Technical	455	28	5
18	Computer Science and Engineering	Centre of Excellence with Advance Tools & Equipment	Database Management	UG / PG / PhD	Technical	455	28	5
19	CIVIL ENGINEERING	Pre-incubation unit	CONCRETE AND HIGHWAY ENGG	UG / PG / PhD	Technical	291	25	4
20	CIVIL ENGINEERING	Pre-incubation unit	SURVEYING	UG / PG / PhD	Technical	291	25	4
21	CIVIL ENGINEERING	Pre-incubation unit	HYDRAULICS	UG / PG / PhD	Technical	291	25	4
22	CIVIL ENGINEERING	Pre-incubation unit	COMPUTER AIDED DESIGN AND DRAWING	UG / PG / PhD	Technical	291	25	4
23	CIVIL ENGINEERING	Pre-incubation unit	COMPUTER AIDED DESIGN AND DRAWING	UG / PG / PhD	Technical	291	25	4
24	CIVIL ENGINEERING	Pre-incubation unit	NON DESTRUCTING TESTING	UG / PG / PhD	Technical	291	25	4
25	Electronics and Communication Engineering	Centre of Excellence with Advance Tools & Equipment	Intel Intelligent System	UG / PG / PhD	Technical	303	26	6
26	Electronics and Communication Engineering	Pre-incubation unit	National Instruments	UG / PG / PhD	Technical	303	26	6
27	Electronics and Communication Engineering	Pre-incubation unit	Circuits Designing	UG / PG / PhD	Technical	303	26	6
28	Electronics and Communication Engineering	Pre-incubation unit	Digital Electronics	UG / PG / PhD	Technical	303	26	6
29	Electronics and Communication Engineering	Pre-incubation unit	VLSI DESIGN	UG / PG / PhD	Technical	303	26	6
30	Electronics and Communication Engineering	Pre-incubation unit	Communication System	UG / PG / PhD	Technical	303	26	6
31	Electronics and Communication Engineering	Pre-incubation unit	Microprocessor and Microcontroller	UG / PG / PhD	Technical	303	26	6

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

32	Electronics and Communication Engineering	Pre-incubation unit	Embedded Systems	UG / PG / PhD	Technical	303	26	6
33	Electronics and Communication Engineering	Pre-incubation unit	Microwave & Optical Systems	UG / PG / PhD	Technical	303	26	6
34	MECHANICAL ENGINEERING	Pre-incubation unit	Innovation center on 3D Printing	UG / PG / PhD	Technical	490	24	9
35	MECHANICAL ENGINEERING	Pre-incubation unit	Centre for research in Welding	UG / PG / PhD	Technical	490	24	9
36	MECHANICAL ENGINEERING	Pre-incubation unit	Centre for advanced material process	UG / PG / PhD	Technical	490	24	9
37	Electrical and Electronics and Engineering	Pre-incubation unit	RIPE	UG / PG / PhD	Technical	193	24	3
38	Electrical and Electronics and Engineering	Pre-incubation unit	Power System Simulation	UG / PG / PhD	Technical	193	24	3
39	Electrical and Electronics and Engineering	Pre-incubation unit	Control and Instrumentation	UG / PG / PhD	Technical	193	24	3
40	Electrical and Electronics and Engineering	Pre-incubation unit	Power Electronics	UG / PG / PhD	Technical	193	24	3
41	Electrical and Electronics and Engineering	Pre-incubation unit	Renewable Energy Systems	UG / PG / PhD	Technical	193	24	3
42	Electrical and Electronics and Engineering	Pre-incubation unit	Electrical Machines	UG / PG / PhD	Technical	193	24	3
43	Electrical and Electronics and Engineering	Pre-incubation unit	Electric Circuits	UG / PG / PhD	Technical	193	24	3

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 : IC201912511
Trained Innovation Ambassadors at HEI	NO	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
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Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	Innovative Practices in Concrete	Innovation	Workshop	Student Lead Activity	Civil Engineering	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	120	18	0	0	138	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10215	No
2	One day workshop on Innovation in Robotics	Innovation	Workshop	Institute Lead Activity	Department of Electronic and Communication Engineering	04-03-2020 00:00:00	04-03-2020 00:00:00	1	Within Campus	0	0	46	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
3	Entrepreneurship Development	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Department of Electronic and Communication Engineering	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	119	0	0	0	119	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3500	No
4	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	KRCT	08-01-2020 00:00:00	10-01-2020 00:00:00	3	Within Campus	129	0	0	0	129	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22500	No
5	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	KRCT	22-01-2020 00:00:00	24-01-2020 00:00:00	3	Within Campus	112	0	0	0	112	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22100	No
6	Awareness program for initiating and registration of new company	Entrepreneurship/Startup	Awareness	Student Lead Activity	Department of Electrical and Electronics Engineering	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4000	No

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

7	Technological scouting and innovation management	IPR	Awareness	Institute Lead Activity	IPM cell, KRCT	17-07-2019 00:00:00	17-07-2019 00:00:00	1	Within Campus	0	20	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	Award / Position / Recognition Secured	Free Energy Generating Device
																Title of Innovation / Start-up Secured the Award / Recognition	patent filed	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
8	Awareness program towards Entrepreneurship	Entrepreneurship/Start-up	Awareness	Institute Lead Activity	Department of Electrical and Electronics Engineering	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	No	

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

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	Overview Engineers Perspective for Intellectual Property Rights	Innovation	Seminar	Sathyabama University, Chennai	Educational Institute	06-01-2020 00:00:00	06-01-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
2	Recent trends in Geotechnical Engineering	Innovation	Workshop	National Institute Of technology	Educational Institute	07-06-2019 00:00:00	08-06-2019 00:00:00	2	1	0	1	No	---	---	No	No	
3	Recent Trends in Machine Learning	Innovation	Seminar	KCE, covai	Educational Institute	29-08-2019 00:00:00	30-08-2019 00:00:00	2	1	0	1	No	---	---	No	No	
4	OPTIMA 2K19	Innovation	Demo Day	NIT TRICHY	Educational Institute	20-10-2019 00:00:00	20-10-2019 00:00:00	1	1	0	1	No	---	---	No	No	

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

5	Artificial intelligence in Medical and Healthcare	Innovation	Seminar	SSM Institute of Engg and Technology, Dindigul	Educational Institute	13-06-2019 00:00:00	14-06-2019 00:00:00	2	2	0	2	No	---	---	No	No	
6	Research Methodologies using recent tools and techniques	Innovation	Seminar	A.V.C College of Engineering, Mayiladuthurai	Educational Institute	20-06-2019 00:00:00	22-06-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
7	5G Communication Need and Challenges	Innovation	Seminar	SASTRA University, Thanjavur	Educational Institute	13-06-2019 00:00:00	13-06-2019 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
8	Intellectual Property Rights	IPR	Workshop	SRM Group of Institutions	Educational Institute	22-04-2019 00:00:00	22-04-2019 00:00:00	1	1	0	1	No	---	---	No	No	
9	RECENT ADVANCES IN ELECTRONICS IWRAE 2019	Innovation	Workshop	ST. JOSEPH COLLEGE (AUTONOMOUS)	Educational Institute	03-09-2019 00:00:00	03-09-2019 00:00:00	1	10	0	10	No	---	---	No	No	
10	Recent Trends in Photonics and Hands on Training using Optism	Innovation	Workshop	College of Engineering, Villupuram	Educational Institute	07-06-2019 00:00:00	08-06-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
11	Recent Advancements in Automation and Industrial Revolution 4.0	Innovation	Workshop	KPR Institute of Engineering and Technology	Educational Institute	19-07-2019 00:00:00	20-07-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
12	Recent trends in electrical vehicle	Innovation	Workshop	M.Kumarasamy college of engineering	Educational Institute	03-03-2020 00:00:00	03-03-2020 00:00:00	1	4	0	4	No	---	---	No	No	
13	Role of DIC in promoting Entrepreneurship	Entrepreneurship/Startup	Awareness	Prist University	Educational Institute	25-09-2019 00:00:00	25-09-2019 00:00:00	1	5	0	5	No	---	---	No	No	

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

14	Technological advancements in materials , design , manufacturing and engineering sectors	Innovation	Conference	St. Joseph college of engineering	Educational Institute	20-02-2020 00:00:00	21-02-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
15	Recent trends in green chemistry and material science	Innovation	Conference	Mohamed Satak engineering college	Educational Institute	23-01-2020 00:00:00	24-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
16	Recent trends in Metallurgy, material science and manufacturing	Innovation	Conference	NIT Trichy	Educational Institute	27-12-2019 00:00:00	28-12-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
17	Entrepreneurship development and innovation programme	Entrepreneurship/Startup	Training	Anna University	Educational Institute	24-07-2019 00:00:00	26-07-2019 00:00:00	3	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
18	Product design and development using CAD,CAM ,CAE	Innovation	Workshop	Saranath college of Engineering	Educational Institute	23-11-2019 00:00:00	23-11-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	No
19	Recent technology for sustainability and eco-friendly environment	Innovation	Workshop	Sai Ram Engineering college	Educational Institute	24-06-2019 00:00:00	29-06-2019 00:00:00	6	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	1000	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	ENTERPRENEURSHIP DEVELOPMENT	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ECE	09-12-2019	16-03-2020	99	Offline	119	45

2	Introduction to entrepreneurship and intellectual property Definition concepts	IPR, Entrepreneurship/Startup	Short term Course	Bachelor	Department of mechanical engineering	01-07-2019	15-07-2019	15	Offline	63	30
3	Innovation	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Department of mechanical engineering	01-07-2019	15-07-2019	15	Offline	67	45
4	IPR Trademark	IPR	Short term Course	Bachelor	Department of mechanical engineering	01-07-2019	15-07-2019	15	Offline	63	45
5	IPR Patent	IPR	Short term Course	Bachelor	Department of mechanical engineering	16-07-2019	30-07-2019	15	Offline	67	45
6	IPR Copyright And Entrepreneurship	IPR	Short term Course	Bachelor	Department of mechanical engineering	16-07-2019	30-07-2019	15	Offline	62	30
7	IPR Industrial Design And Entrepreneurship	IPR	Short term Course	Bachelor	Department of mechanical engineering	16-07-2019	30-07-2019	15	Offline	59	30
8	IP Strategy And Entrepreneurship	IPR, Entrepreneurship/Startup	Short term Course	Bachelor	Department of mechanical engineering	01-08-2019	16-08-2019	16	Offline	65	30
9	Entrepreneurship IP - Government Initiates	IPR, Entrepreneurship/Startup	Short term Course	Bachelor	Department of mechanical engineering	01-08-2019	16-08-2019	16	Offline	65	30
10	Analyzing the Current Business Scenario and Innovation and Creativity	Innovation	Elective/Core Credit Course	Bachelor	Department of mechanical engineering	01-08-2019	16-08-2019	16	Offline	63	30
11	Idea Management System Design Thinking and Entrepreneurship	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	Department of mechanical engineering	17-08-2019	31-08-2019	15	Offline	67	45
12	Experimentation in Innovation Management What is a Business Model	Innovation	Short term Course	Bachelor	Department of mechanical engineering	17-08-2019	31-08-2019	15	Offline	65	45
13	Innovation Management Strategies Forecasting	Innovation	Short term Course	Bachelor	Department of mechanical engineering	17-08-2019	31-08-2019	15	Offline	65	30
14	Creation Of IPR Types Of IPR Patents and Copyrights Patents in India	IPR	Short term Course	Bachelor	Department of mechanical engineering	01-09-2019	15-09-2019	15	Offline	46	45
15	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	EEE	06-01-2020	15-03-2020	70	Offline	46	30

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	5G Communications	Innovation	FDP in I&E / IPR	ECE	17-06-2019	22-06-2019	6	Offline	35	42
2	Recent Advances in Antennas and Applications(RAAA)	Innovation	FDP in I&E / IPR	ECE	15-07-2020	20-07-2020	6	Offline	30	42
3	Machine Learning Applications in Image Processing	Innovation	FDP in I&E / IPR	ECE	19-03-2020	24-03-2020	6	Offline	32	42
4	Recent Advancements in Optical Wireless Technologies	Innovation	FDP in I&E / IPR	ECE	23-04-2020	28-04-2020	6	Offline	39	42
5	Recent Advancements in Machine Learning and Artificial Intelligence	Innovation	FDP in I&E / IPR	ECE	18-05-2020	22-12-2020	219	Offline	35	35

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)

No Data Filled!

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

No Data Filled!

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	Innovation center on 3D Printing	Innovation Centre	2016	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	Facility Incharge Name	K.Raja guru	5	No	Yes		Yes
							Facility Incharge Email	rajaguruk.mech@krct.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	592000	
							Facility Incharge Phone	9944409005			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Institute's Own Fund / Resource						KRCT			Educational Institute		893361		
2	Intel Intelligent System Labarotory	Maker's Space	2015	Co-working Space,Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Ms.S.Geerthana	1	No	No		Yes
							Facility Incharge Email	geerthanakrct@gmail.com					
							Facility Incharge Phone	9894090333					

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)

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	KRCT	Educational Institute	350000

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

No Data Filled!

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	IOT LAB	2017	Centre of Excellence with Advance Tools	No	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.T.A vudaia ppan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>avudai appant .cse@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96888 51097</td> </tr> </table>	Facility Incharge Name	Dr.T.A vudaia ppan	Facility Incharge Email	avudai appant .cse@gmail.com	Facility Incharge Phone	96888 51097	2	No	No	Yes
Facility Incharge Name	Dr.T.A vudaia ppan														
Facility Incharge Email	avudai appant .cse@gmail.com														
Facility Incharge Phone	96888 51097														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
2	Centre of excellence in Automobile Engineering	2017	Centre of Excellence with Advance Tools	No	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>S.Dinesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dinesh s.mech@krct.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>97509 07012</td> </tr> </table>	Facility Incharge Name	S.Dinesh	Facility Incharge Email	dinesh s.mech@krct.ac.in	Facility Incharge Phone	97509 07012	5	No	No	Yes
Facility Incharge Name	S.Dinesh														
Facility Incharge Email	dinesh s.mech@krct.ac.in														
Facility Incharge Phone	97509 07012														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							

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

3	Innovation center on 3D Printing	2016	Centre of Excellence with Advance Tools	No	Facility Incharge Name	K.Raja guru	5	No	No	Yes
					Facility Incharge Email	rajaguruk.mech@krct.ac.in				
					Facility Incharge Phone	9944409005				
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
4	Centre for research in Welding	2016	Centre of Excellence with Advance Tools	No	Facility Incharge Name	R.Yokeswaran	5	No	No	Yes
					Facility Incharge Email	yokesys@gmail.com				
					Facility Incharge Phone	9944637242				
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
5	Centre for advanced material process	2019	Centre of Excellence with Advance Tools	No	Facility Incharge Name	Dr.S.Saravanan	5	No	No	Yes
					Facility Incharge Email	nanosaran007@gmail.com				
					Facility Incharge Phone	9894648650				
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		
6	Programming laboratory	2014	Innovation Labs	No	Facility Incharge Name	Dr.C.Shymala	6	No	No	Yes
					Facility Incharge Email	shymalac.cse@krct.ac.in				
					Facility Incharge Phone	9952355227				

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

Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
7	Database Laboratory	2014	Innovation Labs	No	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms.M. Asmab egum</td> </tr> <tr> <td>Facility Incharge Email</td> <td>asmab egum m.cse @krct. ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>97519 47236</td> </tr> </table>	Facility Incharge Name	Ms.M. Asmab egum	Facility Incharge Email	asmab egum m.cse @krct. ac.in	Facility Incharge Phone	97519 47236	6	No	No	Yes
Facility Incharge Name	Ms.M. Asmab egum														
Facility Incharge Email	asmab egum m.cse @krct. ac.in														
Facility Incharge Phone	97519 47236														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Center for Innovation and Technological Incubation	2019	Pre-Incubation	No	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.B.S ureshK umar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>bsures hcvl@ gmail. com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99422 54301</td> </tr> </table>	Facility Incharge Name	Dr.B.S ureshK umar	Facility Incharge Email	bsures hcvl@ gmail. com	Facility Incharge Phone	99422 54301	4	No	No	Yes
Facility Incharge Name	Dr.B.S ureshK umar														
Facility Incharge Email	bsures hcvl@ gmail. com														
Facility Incharge Phone	99422 54301														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								

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.T.Vetriselvi	ASSOCIATE 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)
	Safety Device For Women	Within	
2	Dr.S.SUJATHA	PROFESSOR	Entrepreneurship/Startup Development
			7
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Pollution Control System	Within	
3	M.Natrajan	ASSOCIATE PROFESSOR	Idea/Innovation Development
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
4	I.Ananthraja	ASSOCIATE PROFESSOR	Idea/Innovation Development
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
5	G.Arun 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)
	Mechanical behavior of Powder Components	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	Albert	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	
	Introduction to Stratup Process	19-03-2020	21-03-2020	3	1	40	Idea	
2	Prashant R Nair	Idea/Innovation Development					Unstructured Mentorship	
3	Shriram K V	Entrepreneurship/Startup Development					Unstructured Mentorship	
4	Subashri	Idea/Innovation Development					Unstructured Mentorship	
5	Dr.Prakash	Idea/Innovation Development					Unstructured Mentorship	

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20		Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
						TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).		Agency Name	TN SC ST				
1	IOT BASED WATER MANAGEMENT SYSTEM FOR HIGHLY POPULATED RESIDENTIAL BUILDINGS	Process Innovation	Technological	IOT lab	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	TN SC ST	No	6000	No	No
								Agency Type		Govt. Agency (State)	Grant Amount in Rs			
								Award / Position / Recognition Secured		Award				
				Name		Type		Gender		Email		Contact		
				R.JAIGANESH		Faculty		Male		jaiganeshr.eee@krct.ac.in		9790657409		
				Name		Type		Gender		Email		Contact		
				J.SUNDHAR		Student		Male		ramusundhar48@gmail.com		8610707349		
2	ADVANCED WATER MANAGEMENT IN PADDY CULTIVATION USING IOT	Process Innovation	Technological	IOT	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	No	No	No	No

Name	Type	Gender	Email	Contact
BHARATHIMAHADDEVAN	Student	Female	bharu0699@hmail.com	8903739051

Name	Type	Gender	Email	Contact
L.NAGARAJAN	Faculty	Male	nagarajanl.eee@krct.ac.in	9489559051

3	IOT BASED AUTOMATIC SCAVENGING PROCESS FOR HIGHLY POPULATED	Process Innovation	Technological	IOT	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
N.PAGURUDEEN	Student	Male	pagurudeen343@gmail.com	9677045839

Name	Type	Gender	Email	Contact
A.T.SANKARA SUBRAMANIAN	Faculty	Male	sankarasubramanianat.eee@krct.ac.in	8838913456

4	SMART STOCK MANAGEMENT	Product Innovation	Technological	IOT	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	TN SC ST	No	Grant Amount in Rs	10000	No	No
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Name	Type	Gender	Email	Contact
L.NAGARAJAN	Faculty	Male	nagarajanl.eee@krct.ac.in	9489559051

Name	Type	Gender	Email	Contact
K.SUSMITHA	Student	Female	susmiraj2896@gmail.com	8903739051

5	Investigation of heat transfer properties on Nano fluids	Process Innovation	Technological	Centre for Advanced material process	Student-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	No	No	No
Name		Type			Gender		Email			Contact			
Dr.B.Suresh kumar		Faculty			Male		sureshkumarb.mech@krct.ac.in			9942254301			
Name		Type			Gender		Email			Contact			
Deva		Student			-		deva1999.krct@gmail.com			7540064410			
6	Design and analysis of prosthetic human foot using complaint mechanism	Product Innovation	Technological	Centre for research in welding	Student-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	No	No	No
Name		Type			Gender		Email			Contact			
Dr.V.Vijayan		Faculty			Male		vijayanv.mech@krct.ac.in			9003971300			
Name		Type			Gender		Email			Contact			
Piraichudan		Student			Male		pirraichudan.mech@gmail.com			8883890501			
7	Mechanical behaviour of powder mixed EDM machine components	Process Innovation	Technological	Centre for Advanced material process	Student-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	No	No	No

8																									
Name		Type				Gender		Email			Contact														
S.Dinesh		Faculty				Male		dineshs.mech@krct.ac.in			9750907012														
Name		Type				Gender		Email			Contact														
Naveen kumar		Student				Male		nvkumar1102@gmail.com			9940736411														
<table border="1"> <tr> <td>Experimental analysis on bitumen mixed with crum rubber quarry dust and emulsifier in flexible pavement</td> <td>Process Innovation</td> <td>Technological</td> <td>innovation in transportation engineering</td> <td>Student-Faculty</td> <td>TRL 2 : Technology formulation . Concept and application have been formulated.</td> <td>TRL 2 : Technology formulation . Concept and application have been formulated.</td> <td>Innovation Development Ongoing</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> </table>													Experimental analysis on bitumen mixed with crum rubber quarry dust and emulsifier in flexible pavement	Process Innovation	Technological	innovation in transportation engineering	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Experimental analysis on bitumen mixed with crum rubber quarry dust and emulsifier in flexible pavement	Process Innovation	Technological	innovation in transportation engineering	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No													
Name		Type				Gender		Email			Contact														
Mr.R.Devanand		Faculty				Male		devananth.r@gmail.com			8608997724														
Name		Type				Gender		Email			Contact														
Hariharan .P		Student				Male		p.hariharan1998@gmail.com			9659699412														
9																									
<table border="1"> <tr> <td>Soil stabilization by using human hair fibers (pillus) and cement</td> <td>Product Innovation</td> <td>Technological</td> <td>innovation in soil strengthening technique</td> <td>Student-Faculty</td> <td>TRL 2 : Technology formulation . Concept and application have been formulated.</td> <td>TRL 2 : Technology formulation . Concept and application have been formulated.</td> <td>Innovation Development Ongoing</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> </table>													Soil stabilization by using human hair fibers (pillus) and cement	Product Innovation	Technological	innovation in soil strengthening technique	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Soil stabilization by using human hair fibers (pillus) and cement	Product Innovation	Technological	innovation in soil strengthening technique	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No													
Name		Type				Gender		Email			Contact														
Mr.V.Karthikeyan		Faculty				Male		karthiathurai@gmail.com			8012054538														
Name		Type				Gender		Email			Contact														
G.Janani		Student				Female		jananigovinthan11@gmail.com			9600700319														

10	Experimental investigation on concrete with reused aggregate and silica fume	Process Innovation	Technological	concrete technology	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Mr.D.Saseedharan		Faculty			Male		saseetharan.d@gmail.com			9791731079			
Name		Type			Gender		Email			Contact			
N.ARAVINTH		Student			Male		naravinth99@gmail.com			7639236387			
11	EXPERIMENTAL STUDY OF PHOTO CATALYTIC CONCRETE PRODUCTS FOR AIR PURIFICATION USING ZINC OXIDE	Process Innovation	Technological	concrete technology	Student-Faculty	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Mr.J.Anto		Faculty			Male		antojebas6@gmail.com			8122997817			
Name		Type			Gender		Email			Contact			
SAJU FRANCIS F S		Student			Male		sajufrancis11@gmail.com			9789433356			

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
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1	AU college of Engineering, Andhra University, Visakhapatnam-530003.	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	6	09-03-2020
2	Annamacharya Institute of Technology	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	5	18-02-2020
3	Christ (Deemed to be University)	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	16-08-2019
4	Government college of technology, coimbatore	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	16-07-2019
5	Sri Sairam Engineering College	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	3	23-07-2019
6	Vels University	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	1	20-07-2019
7	JCT Engineering College	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	16-08-2019
8	M.Kumarasamy College of Engineering	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	1	03-08-2019
9	Knowledge Institute of Technology	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	3	07-09-2019
10	MDT Hindu	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	13-09-2019
11	Amity University	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	27-09-2019
12	K.S.R College of Engineering	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	1	05-10-2019
13	University College of Engineering, Thirukuvilai	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	3	14-10-2019
14	Indian Institute of Information Technology, Trichy	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	11-11-2019
15	Madras Institute of Technology Chennai	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	17-11-2019
16	Chennai Institute of Technology	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	3	22-12-2019
17	Prist University , Thanjavur	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	1	06-12-2019
18	AC Tech , Karaikudi	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	3	22-01-2020
19	University College of Engineering, Ariyalur	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	2	25-02-2020

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]
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1	AUTOMATED NON INVASIVE BLOOD GROUP DETERMINATION AND CHOLESTROL LEVEL USING IOT	202041005771	National	2020 - 02	Uploaded
2	PASTP-ELECTRIC MOTOR :PREDICT AND AUTO CONTROL THE SPEED, TORQUE AND POWER OF THE ELECTRIC MOTOR	202041006941	National	2020 - 02	Uploaded
3	SYSTEM FOR IRRIGATING SOIL USING A RENEWABLE ENERGY BASED WATER PUMP	201841015559A	National	2019 - 04	Uploaded
4	A SECURITY SYSTEM	201941014574	National	2019 - 04	Uploaded
5	CHILD RESCUE APPARATUS	201941052211	National	2019 - 12	Uploaded
6	PENTAGONAL RING SLOT ANTENNA WITH SRR FOR TRI-BAND APPLICATION	202041010682	National	2020 - 03	Uploaded