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

Institute Name: Kalaignar Karunanidhi Institute of Technology [ARI-C-37070]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Electronics and Communication Engineering	Academic Department with lab facility	CISCO Laboratory	UG / PG / PhD	Technical	360	31	3
2	Dr.Vidhya Incubation Centre	Incubation Unit	Product development in Multidisciplinary	UG / PG / PhD	Technical	2400	156	56
3	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Strength of Materials Lab	UG / PG / PhD	Technical	180	12	2
4	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Fluid Mechanics And Machinery Lab	UG / PG / PhD	Technical	180	12	2
5	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Thermodynamics Lab	UG / PG / PhD	Technical	180	12	2
6	AERONAUTICAL ENGINEERING	Academic Department with lab facility	CAM and Manufacturing Lab	UG / PG / PhD	Technical	180	12	2
7	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Aircraft Structures Laboratory – I	UG / PG / PhD	Technical	180	12	2
8	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Aerodynamics Laboratory	UG / PG / PhD	Technical	180	12	2
9	AERONAUTICAL ENGINEERING	Academic Department with lab facility	CAD and Aircraft Component Drawing	UG / PG / PhD	Technical	180	12	2
10	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Aircraft Structures Laboratory – II	UG / PG / PhD	Technical	180	12	2
11	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Propulsion Lab	UG / PG / PhD	Technical	180	12	2
12	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Aero Engine And Airframe Laboratory	UG / PG / PhD	Technical	180	12	2

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

13	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Computer Aided Simulation Laboratory	UG / PG / PhD	Technical	180	12	2
14	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Aircraft Systems Laboratory	UG / PG / PhD	Technical	180	12	2
15	AERONAUTICAL ENGINEERING	Academic Department with lab facility	Flight Integration Systems and Control Laboratory	UG / PG / PhD	Technical	180	12	2
16	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Circuits and Devices Laboratory	UG / PG / PhD	Technical	360	31	3
17	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Analog and Digital Circuits Laboratory	UG / PG / PhD	Technical	360	31	3
18	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Circuits and Simulation Integrated Laboratory	UG / PG / PhD	Technical	360	31	3
19	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Linear Integrated Circuits Laboratory	UG / PG / PhD	Technical	360	31	3
20	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Digital Signal Processing Laboratory	UG / PG / PhD	Technical	360	31	3
21	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Communication Systems Laboratory	UG / PG / PhD	Technical	360	31	3
22	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Microprocessor and Microcontroller Laboratory	UG / PG / PhD	Technical	360	31	3
23	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Computer Networks Laboratory	UG / PG / PhD	Technical	360	31	3
24	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	VLSI Design Laboratory	UG / PG / PhD	Technical	360	31	3
25	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Embedded Laboratory	UG / PG / PhD	Technical	360	31	3
26	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Optical And Microwave Laboratory	UG / PG / PhD	Technical	360	31	3
27	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Electrical Machines	UG / PG / PhD	Technical	180	12	3
28	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Power Electronics Lab	UG / PG / PhD	Technical	180	12	3
29	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Electrical Circuits Laboratory	UG / PG / PhD	Technical	180	12	3

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

30	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Power System Simulation Lab	UG / PG / PhD	Technical	180	12	3
31	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Engineering Practices Laboratory	UG / PG / PhD	Technical	180	12	3
32	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Control Systems Lab	UG / PG / PhD	Technical	180	12	3
33	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Measurements & Instrumentation Lab	UG / PG / PhD	Technical	180	12	3
34	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Bigdata Lab	UG / PG / PhD	Technical	180	13	3
35	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Cyber Security Lab	UG / PG / PhD	Technical	180	13	3
36	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Internet And Software System Laboratory	UG / PG / PhD	Technical	180	13	3
37	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Open Source And Mobile Computing Laboratory	UG / PG / PhD	Technical	180	13	3
38	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Graphics And Multimedia Laboratory	UG / PG / PhD	Technical	180	13	3
39	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Data Structure And Language Processors Laboratory	UG / PG / PhD	Technical	180	13	3
40	BIOMEDICAL ENGINEERING	Academic Department with lab facility	Human Physiology Laboratory	UG / PG / PhD	Technical	180	7	0
41	BIOTECHNOLOGY	Academic Department with lab facility	Biochemistry lab	UG / PG / PhD	Technical	180	6	0
42	BIOTECHNOLOGY	Academic Department with lab facility	Microbiology lab	UG / PG / PhD	Technical	180	6	0
43	BIOTECHNOLOGY	Academic Department with lab facility	Molecular Biology Lab	UG / PG / PhD	Technical	180	6	0
44	AGRICULTURE ENGINEERING	Academic Department with lab facility	Post Harvest Engineering Laboratory	UG / PG / PhD	Technical	180	8	1
45	AGRICULTURE ENGINEERING	Academic Department with lab facility	Irrigation Field Lab	UG / PG / PhD	Technical	180	8	1
46	AGRICULTURE ENGINEERING	Academic Department with lab facility	Food Process Engineering Lab	UG / PG / PhD	Technical	180	8	1

47	AGRICULTURE ENGINEERING	Academic Department with lab facility	Crop Husbandry Lab	UG / PG / PhD	Technical	180	8	1
48	AGRICULTURE ENGINEERING	Academic Department with lab facility	Surveying and Levelling Laboratory	UG / PG / PhD	Technical	180	8	1
49	AGRICULTURE ENGINEERING	Academic Department with lab facility	Soil Science Laboratory	UG / PG / PhD	Technical	180	8	1
50	AGRICULTURE ENGINEERING	Academic Department with lab facility	Operation and Maintenance of Farm Machinery Laboratory	UG / PG / PhD	Technical	180	8	1
51	MECHANICAL ENGINEERING	Academic Department with lab facility	Centre for Design and Analysis Laboratory	UG / PG / PhD	Technical	360	25	3
52	MECHANICAL ENGINEERING	Academic Department with lab facility	Dynamics Laboratory	UG / PG / PhD	Technical	360	25	3
53	MECHANICAL ENGINEERING	Academic Department with lab facility	Basic Workshop Practics Laboratory	UG / PG / PhD	Technical	360	25	3
54	MECHANICAL ENGINEERING	Academic Department with lab facility	Fluid Mechanics and Machinery Laboratory	UG / PG / PhD	Technical	360	25	3
55	MECHANICAL ENGINEERING	Academic Department with lab facility	Metrology and Measurements Laboratory	UG / PG / PhD	Technical	360	25	3
56	MECHANICAL ENGINEERING	Academic Department with lab facility	Mechatronics Laboratory	UG / PG / PhD	Technical	360	25	3
57	MECHANICAL ENGINEERING	Academic Department with lab facility	Manufacturing Technology Laboratory I	UG / PG / PhD	Technical	360	25	3
58	MECHANICAL ENGINEERING	Academic Department with lab facility	Manufacturing Technology Laboratory - II	UG / PG / PhD	Technical	360	25	3
59	MECHANICAL ENGINEERING	Academic Department with lab facility	Material Testing Laboratory	UG / PG / PhD	Technical	360	25	3
60	MECHANICAL ENGINEERING	Academic Department with lab facility	Thermal Engineering Laboratory - I	UG / PG / PhD	Technical	360	25	3
61	MECHANICAL ENGINEERING	Academic Department with lab facility	Thermal Engineering Laboratory - II	UG / PG / PhD	Technical	360	25	3
62	SCIENCE AND HUMANITIES	Academic Department with lab facility	Chemistry Laboratory	UG / PG / PhD	Technical	593	31	2
63	SCIENCE AND HUMANITIES	Academic Department with lab facility	Physics Laboratory	UG / PG / PhD	Technical	593	31	2

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64	SCIENCE AND HUMANITIES	Academic Department with lab facility	Communication Skills Laboratory	UG / PG / PhD	Technical	593	31	2
65	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Data Structures Laboratory	UG / PG / PhD	Technical	31	5	1
66	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Database Management Systems Laboratory	UG / PG / PhD	Technical	31	5	1
67	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Object Oriented Programming Laboratory	UG / PG / PhD	Technical	31	5	1
68	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Graphics And Multimedia Laboratory	UG / PG / PhD	Technical	31	5	1
69	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Web Programming Laboratory	UG / PG / PhD	Technical	31	5	1
70	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Programming With Java Laboratory	UG / PG / PhD	Technical	31	5	1
71	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Mobile Application Development Laboratory	UG / PG / PhD	Technical	31	5	1
72	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Web Application Development Laboratory	UG / PG / PhD	Technical	31	5	1
73	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Data Structures And Algorithms Laboratory	UG / PG / PhD	Technical	31	5	1
74	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Cloud and Big Data Laboratory	UG / PG / PhD	Technical	31	5	1
75	MASTER OF COMPUTER APPLICATIONS	Academic Department with lab facility	Software Testing Laboratory	UG / PG / PhD	Technical	31	5	1
76	MASTER IN BUISNESS ADMINISTRATION	Academic Department with lab facility	Data Analysis Business Modeling laboratory	UG / PG / PhD	Technical	101	10	1

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 : IC201811056
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 of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

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	Entrepreneurship Development Awareness Programme	Entrepreneurship/ Startup	Awareness	Institute Lead Activity	KIT - Entrepreneurship Development Cell	10-10-2019 00:00:00	12-10-2019 00:00:00	3	Within Campus	44	0	0	0	44	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

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	CSIR sponsored one day National level workshop on Innovations in Renewable Energy and Clean Energy Production for Resilient Future	Innovation	Workshop	Dr.N.G.P Institute of Technology, Coimbatore.	Educational Institute	18-07-2019 00:00:00	18-07-2019 00:00:00	1	4	0	4	No	---	---	No	No
2	Innovations in Renewable Energy and Clean Energy Production for Resilient Future	Innovation	Workshop	KPR Institute of Engineering and Technology	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	2	4	6	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

3	Entrepreneurship Development Awareness Programme	Entrepreneurship/Startup	Awareness	NSTEDB	Educational Institute	10-10-2019 00:00:00	12-10-2019 00:00:00	3	21	0	21	No	---	---	No		No
4	ENTREPRENEURSHIP AWARNESS CAMP DST-NIMAT	Innovation	Training	KIT-Entrepreneurship Development Cell	Educational Institute	19-12-2019 00:00:00	21-12-2019 00:00:00	3	16	0	16	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	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	MBA	04-09-2019	11-12-2019	99	Offline	52	48

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	Advanced Training in Biomedical Applications	Innovation	Employment Generation Training Programs	Biomedical Engineering	08-03-2020	11-03-2020	4	Offline	45	30
2	FDP Deep learning based analysis of images and videos using python	Innovation	FDP in I&E / IPR	Computer Science and Engineering	16-11-2020	05-12-2020	20	Online	70	114

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	Mr.S.Sivagnanabharathi	MBA	Assistant Professor	No	Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

2	Dr.B.Kajamaideen	SCIENCE AND HUMANITIES	Associate professor	Yes	Yes

	Highest degree name in I&E and IPR	PhD	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Degree Type	PhD	IPR, Entrepreneurship, and Start-ups	Entrepreneurship/Startup	EDP in I&E, IPR	MHRD	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
	Year of Highest degree in I&E and IPR	2015									

3	Dr.S.Ravichandran		Mechanical		Professor		Yes		Yes		
	Highest degree name in I&E and IPR	PhD	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2014									

4	Dr.R.Lal Raja Singh		EEE		Professor		Yes		Yes		
	Highest degree name in I&E and IPR	PhD	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2015									

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	IPR club	Innovation Club	2019	Co-working Space	IPR Cell/Technology Transfer Centre	3	Mr.Hari hara sudhan	hariharan9443767001@gmail.com	9444943818
2	Innovation Club	Idea Club	2019	Work Stations	Centre of Excellence with Advance Tools	2	Mr.Nithesh	nitheshkumarvs@gmail.com	8668135313

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?

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

1	Dr.Vidhya Incubation Centre	Innovation Centre	2019	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr.S.Santhi	14	Yes	No	Yes
							Facility Incharge Email	ssanthi.kit@gmail.com				
							Facility Incharge Phone	9095014360				

	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	KIT-Kalaignarkarunanidhi Institute of Technology	Educational Institute	120000

2	KIT-Hapec Solutions	Startup Cell	2020	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name	Mr.Karthick	5	Yes	No	Yes
							Facility Incharge Email	karthick5233@gmail.com				
							Facility Incharge Phone	8122328346				

	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	KIT-Kalaignarkarunanidhi Institute of Technology	Educational Institute	80000

3	EDC	EDC	2016	Co-working Space	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools			12	Yes			Yes
							Facility Incharge Name	Dr.Ravi chandr an			**Yes**		
							Facility Incharge Email	ravikite dc@g mail.co m			Total Annual Income from Training and Skill Develop ment Services (In Rupees)	80000	
								9789409245			Total Annual Income from (Technic al and Business) Mentorin g Services (In Rupees)	80000	
							Facility Incharge Phone				Total Annual Income from Office Space and Rental Services to Start-ups/Inno vators (In Rupees)	10000	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	DST	Govt. Agency (Central)	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	Infonest	Design Centre	2020	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Mr.Suriya	13	Yes	Yes		Yes
							Facility Incharge Email	suriya@kitcbe.com			Total Annual Income from Training and Skill Development Services (In Rupees)	100000	
							Facility Incharge Phone	9442208666			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	100000	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	10000	

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	KIT-Kalaignarkarunanidhi Institute of Technology	Educational Institute	120000

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)

5	National Cyber Defence Research Centre	Design Centre	2015	Co-working Space	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name	Dr.C.D eepha	5	Yes	Yes		Yes
							Facility Incharge Email	deepac hinnaiy an@g mail.co m			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	944475 4165			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
											Total Annual Income from Office Space and Rental Services to Start-ups/Inno vators (In Rupees)	0	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	National Cyber Defence Research Centre, New Delhi	Govt. Agency (Central)	100000

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 FIled!

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/Manag ement team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?

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

1	IIIT Kottayam Nodal Centre	2018	Pre-Incubation	Atal Incubatution Centre,DST	Facility Incharge Name	Dr.Saj ulin Bendic t	10	Yes	Yes	Yes
					Facility Incharge Email	incubat e@iiitk ottaya m.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	
						94435 43746			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	
					Facility Incharge Phone				Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

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

No Data FIled!

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

No Data FIled!

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	S.L.Pradeep Kumar	Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Shock Tunnel		Within	
2	Dr.R.Lal Raja Singh	Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Renewable Energy		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	IIIT Kottayam	Idea/Innovation Development	Structured Mentorship

	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Training Programme	06-01-2020	10-01-2020	5	4	25	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	Design and development of DYE sensitized solar cell	Product Innovation	Technological	Design and development of DYE sensitized solar cell	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	Agency Name: Dr. Vidhya incubation centre; Agency Type: Educational Institute; Award / Position / Recognition Secured: Recognition	No	Grant Amount in Rs: 10000	No	No

Name	Type	Gender	Email	Contact
ELAKKIYA K M	Student	Female	kikielaks14@gmail.com	8668193660

Name	Type	Gender	Email	Contact
PRIYADHARSHINI S	Student	Female	priyadharshinikumar001@gmail.com	7373534971

2	Disaster Rescue Rover	Product Innovation	Technological	Dr.Vidhya Incubation	Student	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	Agency Name / Agency Type / Award / Position / Recognition Secured	Dr. Vidhya Incubation / Educational Institute / 10000	No	No		No	No

Name	Type	Gender	Email	Contact
Arun Kumar	Student	Male	ak9609600@gmail.com	9150531006

3	Design and fabrication of hand operated mini-shocktube	Product Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	Agency Name / Agency Type / Award / Position / Recognition Secured	KIT / Educational Institute / Seed Fund received	No	Grant Amount in Rs — 10000	Loan/Investment Agency Name: KIT; Agency Type: Educational Institute; Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees): 10000; Date of Investment Raised: 09-09-2019	Amount Received in Rs. — 10000

Name	Type	Gender	Email	Contact
Mr.S.L.Pradeep Kumar	Faculty	Male	pradheee@gmail.com	9659191486

4	Utilization and develop strategy of organic fertilizer from human urine for agriculture	Service Innovation	Technological		Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	Agency Name	KIT	No		Grant Amount in Rs	10000	Loan/Investment Agency Name	KIT		Amount Received in Rs.	10000
									Agency Type	Educational Institute					Agency Type	Educational Institute			
									Award / Position / Recognition Secured	Seed Amount provided					Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	10000			
															Date of Investment Raised	09-09-2019			

Name		Type		Gender		Email		Contact	
Dr.Ramasamy		Faculty		Female		ramaswamyvadavalli@gmail.com		7200086338	

5	HEALTH CARE MONITORING AND ALERTING SMART WATCH FOR PREGGERS	Product Innovation	Technological		Student-Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	Agency Name	KIT	Yes		Grant Amount in Rs	10000	Loan/Investment Agency Name	KIT		Amount Received in Rs.	10000
									Agency Type	Educational Institute					Agency Type	Educational Institute			
									Award / Position / Recognition Secured	Seed Amount granted					Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	10000			
															Date of Investment Raised	09-09-2019			

Name		Type		Gender		Email		Contact	
Dr.M.Jayasheela		Faculty and Student		Female		jayasheelamoses@gmail.com		9487878129	

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

Srn o	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as		Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/ Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?		Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20		Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20		Had the Pre-incubation/Incubation Centre/ HEI received any income /revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20		Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	KIT Infonest	Product Innovation	Technological	7503	Student-Faculty	Venture with MSME Registration No	UDYAM-TN-03-0011586	2019-20	Received Incubation Support from Incubation Unit	Agency Name	MSME	Grant Amount in Rs	200000	Loan/Investment Agency Name	MHRD	Amount Received in Rs.	200000	No
							UDYAM-TN-03-0011586			Agency Type	Govt. Agency (Central)			Agency Type	MHRD			
											Seed Amount provided			Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	MHRD			
						Venture with GST No				Award / Position / Recognition Secured								
														Date of Investment Raised	MHRD			

Name	DIN number	Type	Gender	Email	Contact
Mr.A.Surya	UDYAM-TN-03-0011586	Incubatee Entrepreneur	Male	principal@kitcbe.com	9965590025

2	KIT-HAPEC Solutions	Market-place Innovation	Techno logical	7415	Alum ni	Venture with Corporate Identification Number (CIN) Registration	UDYAM-TN-03-0011586	2019 -20	Received Incubation Support from Incubation Unit	Agency Name	KIT	Grant Amount in Rs	150000	Loan/Investment Agency Name	MHRD	AmountReceivedinRs.	150000	No
										Agency Type	Educational Institute			Agency Type	MHRD			
											Seed Amount received			Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incuba tion support at your Pre-incubation/incuba tion or institute financial period 2019-20 (in Rupees)	MHRD			
										Award / Position / Recognition Secured				Date of Investment Raised	MHRD			

Name	DIN number	Type	Gender	Email	Contact
Mr.Karthick	UDYAM-TN-03-0011586	Incubatee Entrepreneur	Male	karthick5233@gmail.com	8122328346

3	Karuviyan Innovatives	Product Innovation	Techno logical	7619	Stud ent-Facu lty	Venture with Corporate Identification Number (CIN) Registration	AAS-3361	2019 -20	Received Incubation Support from Incubation Unit	Agency Name	IIIT Kottayam	Grant Amount in Rs	100000	Loan/Investment Agency Name	IIIT Kottaya m	AmountReceivedinRs.	100000	Yes
										Agency Type	Govt. Agency (Central)			Agency Type	IIIT Kottaya m			
											Seed Amount provided			Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incuba tion support at your Pre-incubation/incuba tion or institute financial period 2019-20 (in Rupees)	IIIT Kottaya m			
										Award / Position / Recognition Secured				Date of Investment Raised	IIIT Kottaya m			

Name	DIN number	Type	Gender	Email	Contact
Prasaneswaran	AAS-3361	Student	Male	prasannabala156@gmail.com	9487990139

Name	DIN number	Type	Gender	Email	Contact
Jayavishnu	AAS-3361	Student	Male	vishnu98raja@gmail.com	7094666158
Nithesh Kumar	AAS-3361	Student	Male	nitheshkumarmanoharan@gmail.com	8610996677

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	Lincoln University ,malaysia	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	1	03-12-2019
2	Jet Aerospace	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	24-01-2020
3	IIT Bombay	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	5	13-03-2019

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

No Data Flled!

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	LM13 Aluminium alloy - steel fiber reinforced composites for automobile pistons	202041005537	National	2020 - 02	Uploaded
2	Smart Portable and wireless traffic signal controller	TEMP/E- 1/127	National	2019 - 05	NA
3	Smart Borewell Inspection System	TEMP/E- 1/127	National	2019 - 05	NA
4	Multi-Color Presentation pointer with Editor, Keyboard and Mouse	TEMP/E- 1/127	National	2019 - 05	NA
5	Smart House erection and Lifting process (help) for Borewell	TEMP/E- 1/127	National	2019 - 05	NA
6	Novel Ecofriendly waste management system (NEWS) for Smart City	TEMP/E-1/1278	National	2019 - 05	NA
7	System and method to preserve lifetime personal healthcare bigdata records	201941053817	National	2019 - 12	Uploaded
8	IoT based healthcare management information system and method thereof	202011002284	National	2020 - 01	Uploaded
9	System and method for attack prevention of health care data in cloud using IoT.	202011003633	National	2020 - 01	Uploaded