

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

Institute Name: Karpagam Institute of Technology [ARI-C-37035]

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	Information Technology	Academic Department with lab facility		UG / PG / PhD	Technical	154	14	4
2	Electronics and Communication Engineering	Academic Department with lab facility		UG / PG / PhD	Technical	221	29	5
3	Electrical and Electronics Engineering	Academic Department with lab facility		UG / PG / PhD	Technical	65	19	4
4	Mechanical Engineering	Academic Department with lab facility		UG / PG / PhD	Technical	219	19	2
5	Computer Science Engineering	Academic Department with lab facility		UG / PG / PhD	Technical	192	17	4
6	Campus Program	Industry Institute Interface Unit		UG / PG / PhD	Technical	851	42	8

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 : IC201810179
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 /	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	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

					Centre / Student Body Name									nts	program/activity/event?	
1	My Story - Innovator's Life & Crossroad Motivational Speak	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Karpagam Institute of Technology Institution Innovation Council	26-08-2019 00:00:00	26-08-2019 00:00:00	1	Within Campus	60	10	0	0	70	No	No
2	Organise One Day Workshop on "Entrepreneurship and Innovation as Career Opportunity	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Karpagam Institute of Technology - Institution Innovation Council	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	70	8	0	0	78	No	No
3	Entrepreneurship Awareness	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	19-07-2019 00:00:00	19-07-2019 00:00:00	1	Within Campus	60	5	0	0	65	No	No
4	E-Talk-Innovator's Life & Crossroad Motivational	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	25-11-2019 00:00:00	25-11-2019 00:00:00	1	Within Campus	120	15	0	0	135	No	No
5	Entrepreneurship Skill Development Training in SEO	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	11-01-2020 00:00:00	11-01-2020 00:00:00	1	Within Campus	120	15	0	0	135	No	No
6	How to start a SSI Unit & Funding Opportunity	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	130	25	0	0	155	No	No

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

7	Innovation Day Campaign	Innovation	Innovation Contest	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	12-10-2019 00:00:00	15-10-2019 00:00:00	4	Within Campus	80	10	0	0	90	No	No
8	Organise a workshop /Seminar/ Call for Paper Presentation on Innovation/Social Innovation & Entrepreneurship	Innovation	Innovation Contest	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	09-10-2019 00:00:00	09-10-2019 00:00:00	1	Within Campus	100	10	0	0	110	No	No
9	Workshop on National Innovation and Start-up Policy(NISP)	Innovation	Workshop	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	17-12-2019 00:00:00	17-12-2019 00:00:00	1	Within Campus	120	15	0	0	135	No	No
10	Idea Submission for the Launch of 5G Hackathon by Department of Telecommunications	Innovation	Hackathon	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	10-03-2020 00:00:00	10-03-2020 00:00:00	1	Within Campus	60	15	0	0	75	No	No
11	Seminar on Innovation and IPR	IPR	Seminar	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	17-12-2019 00:00:00	17-12-2019 00:00:00	1	Within Campus	100	10	0	0	110	No	No
12	Field/Exposure visit to Design centre/Makers Space/Fab lab/prototype Lab/Tinkering lab	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	60	5	0	0	65	No	No

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

13	Faculty Development Program on Design Thinking	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	0	45	0	0	45	No	No
14	Funding options for startup's	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	125	15	0	0	140	No	No
15	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	110	15	0	0	125	No	No
16	My story-Innovator's Life & Crossroad-Motivational speak-to be share by Innovators	Innovation	Motivational speak	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	0	12	0	0	12	No	No
17	Organise one day workshop on problem solving/Design thinking/Ideation workshop /Campus Hackathon	Innovation	Workshop	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	60	10	0	0	70	No	No
18	Organise a product design/Design thinking workshop at Campus	Innovation	Workshop	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	16-12-2019 00:00:00	16-12-2019 00:00:00	1	Within Campus	120	10	0	0	130	No	No

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

19	Idea Submission in Smart India Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Within Campus	80	10	0	0	90	No	No
20	Seminar on Funding Opportunities for Startups	Innovation	Seminar	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	100	12	0	0	112	No	No
21	Entrepreneurship Skill Development training in Digital Marketing	Innovation	Training	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	120	20	0	0	140	No	No
22	Communication Skill (interacting with people) for better result	Innovation	Workshop	Institute Lead Activity	Karpagam Institute of Technology-Institution Innovation Council	17-01-2020 00:00:00	17-01-2020 00:00:00	1	Within Campus	100	20	0	0	120	No	No
23	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	EDII, Ahmedabad	23-01-2020 00:00:00	25-01-2020 00:00:00	3	Within Campus	75	5	0	0	80	<div>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</div> <div>20000</div>	No
24	Career Guidance Program on how to become a successful entrepreneur	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Electronics and Communication Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	50	10	0	0	60	No	No
25	Workshop on Heating Ventilation & Air conditioning system	Entrepreneurship/Startup	Workshop	Student Lead Activity	DEPARTMENT OF MECHANICAL ENGINEERING	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	90	10	0	0	100	<div>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</div> <div>2860</div>	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	National Science and Technology Fair	Innovation	Exhibition	Codissia, Coimbatore	Corporate / Industry Association	29-08-2019 00:00:00	31-08-2019 00:00:00	3	40	8	48	No	---	---	No	No
2	Students induction programme	Innovation	Orientation Session	AICTE-PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH	Educational Institute	27-05-2019 00:00:00	29-05-2019 00:00:00	3	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)

No Data Filled!

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)

No Data Filled!

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)

Smo	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	E. Veeraboopathy	Electronics and Communication 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
	Innovation and Entrepreneurship Development	Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	Anna university regional center, Coimbatore	Educational Institute	16-07-2019 00:00:00	18-07-2019 00:00:00	3	Offline
2	S. Gopinath	Electronics and Communication 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
	IPR and Technology Transfer conducted as part of IIC Innovation Ambassador Training Series		IPR	FDP in I&E, IPR	Institution Innovation Council	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	Offline
	Introduction to The Patent Cooperation Treaty		IPR	Short term Certificate	World Intellectual Property Organization	International Agencies	15-04-2019 00:00:00	15-11-2019 00:00:00	215	Online
3	B.Madusudhanan		Information Technology		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
	Design Thinking		Innovation	FDP in I&E, IPR	Institution Innovation Council	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	Offline
4	S. Madhumitha		Electronics and Communication 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
	Journal Writing, IPR and Patent Drafting		IPR	Short term Certificate	Karpagam College of Engineering	Educational Institute	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Offline
	Introduction to The Patent Cooperation Treaty		IPR	Short term Certificate	World Intellectual Property Organization	International Agencies	15-04-2019 00:00:00	15-11-2019 00:00:00	215	Online
5	M. S. Gowtham		Electronics and Communication 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		IPR	Short term Certificate	Pandit Deenadayal Petroleum University	Educational Institute	10-04-2020 00:00:00	11-04-2020 00:00:00	2	Online
	Introduction to The Patent Cooperation Treaty		IPR	Short term Certificate	World Intellectual Property Organization	International Agencies	15-04-2019 00:00:00	15-11-2019 00:00:00	215	Online
6	S. Syed Jamaesha		Electronics and Communication 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
	Introduction to The Patent Cooperation Treaty		IPR	Short term Certificate	World Intellectual Property Organization	International Agencies	15-04-2019 00:00:00	15-11-2019 00:00:00	215	Online
7	R. Ramya		Electronics and Communication 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
	INTRODUCTION TO THE PATENT COOPERATION TREATY		IPR	Short term Certificate	World Intellectual Property Organization	International Agencies	15-04-2019 00:00:00	15-11-2019 00:00:00	215	Online

8	P. Ramesh	Department of 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
	Innovation Ambassador - Pre-Incubation and Incubation Management	Innovation	FDP in I&E, IPR	Institution Innovation Council	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	Offline

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	SAE CLUB	Idea Club	2015	Co-working Space	No Such Facilities Exist in the Campus	1	Ganesh Ram S	ganeshram3597@gmail.com	9688710831
2	E-yantra	Innovation Club	2019	Co-working Space, Work Stations	Innovation Labs	1	P. David Conqueror	17eca01@karpagamtech.ac.in	8124094013

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)

No Data Filled!

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)

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	B.Madusudhanan	Assistant Professor	Idea/Innovation Development	5

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Land Record Management using Blockchain		Within	
	Mapping of Telecom infrastructure in GIS application		Within	
2	P. Ramesh	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LEA and Judiciary Interactive Case Management System		Within	
3	S. Gopinath	Associate Professor	IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Generation of Hydroelectricity from Automatic Agriculture Pumpset		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	G Subburaj	Entrepreneurship/Startup 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

No Data Filled!

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	Think India Private Limited	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	23-08-2019
2	New Technology Pvt. Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	25-09-2019
3	New Technology Pvt. Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	24-07-2019
4	profenaa automation	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	16-09-2019
5	MAS SOLAR SYSTEMS PRIVATE LIMITED	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	4	15-02-2019

6	Techvolt Software Pvt Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	03-09-2019
7	ICT academy	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	1	03-06-2019

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

No Data Filled!

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Smart Glucometer	201941023467	National	2019 - 07	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. P. Manimaran (Head of Institute) and Dr. D. Bhanu (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



P. Manimaran
30/3/2024

Dr. P. Manimaran
Head of the Institution,
Coimbatore, Tamil Nadu

Nodal officer



30/3/2024

Dr. D. Bhanu
Nodal Officer,
Coimbatore, Tamil Nadu

Responsibility for accuracy and authenticity of data lies with the concerned institution.