

OUR MOU PARTNERS SINCE JAN-2021 (Institutional/Academic/Nodal centre)

S. No	Name of the Organisation	LOGO
1.	AIC-PONDICHERRY ENGINEERING COLLEGE FOUNDATION, Puducherry	
2.	IIRS, ISRO – Dehradun (Nodal Centre CCET)	
3.	Energy Swaraj Foundation (Partner Organisation), New Delhi	
4.	MIT SQUARE, London	
5.	HDFC ICT ACADEMY, Bangalore	
6.	VEI Technologies, Chennai	
7.	TPCRA World, IBA & Dragon chain (USA) "Centre of Excellence in Block Chain"	
8.	DHS FOUNDATION New Delhi, INDIA	

B. Brief mention of key functionaries at the IIC Institute

- President
- Vice President
- Convenor
- Coordinators etc.

Sr. No.	Name of the Coordinators / Members	Position assigned in IIC
1.	Dr.A. Sivakumar Principal	President
2.	Dr.P. Chandru Deva Kannan Prof & Coordinator - First Year	Vice President
3.	Dr.Y. Thiagarajan Asso.Prof / HOD -EEE	Convener
4.	Mr. P. Siva Sankar Asst.Prof - ECE	Innovation Activity Coordinator
5.	Dr.C. Subramanian Prof &HOD- Mech	Startup Activity Coordinator
6.	Dr.M. Auxillia Asso.Prof & HOD - IT	NIRF Coordinator
7.	Dr.S. Anandalatchoumy Asso.Prof &HOD - ECE	Social Media Coordinator
8.	Mr.C. Thiagarajan Asst.Prof - ECE	ARIIA Coordinator
9.	Mr. J. Mani Asst.Prof - CSE	Internship Activity Coordinator
10.	Mr.R. Jeyaraj Asst.Prof - CSE	IPR Coordinator
11.	Mr. R. Manivannan Asst.Prof -EEE	Innovation Activity Member
12.	Mr. Krishna Bharathi Asst.Prof - Mech	Startup Activity Member
13.	Mrs. Sudha Sr. Asst.Prof - IT	NIRF Member
14.	Mr.S.S. Karthik Asst.Prof - ECE	Social Media Member
15.	Mr. R. Ravi Shasthri Asst.Prof- IT	ARIIA Member
16.	Mrs. K. Mageshwari Asst.prof - CSE	Internship Activity Member
17.	Mr.V.Imayavendan Asst.Prof - MBA	IPR Member

ROLES AND RESPONSIBILITIES OF IIC COORDINATORS

Sr. No.	Name of the Coordinator	Key Role/ Position assigned in IIC	Roles / Responsibilities
1.	Mr.Sivasankar / Asst.Prof – ECE	Innovation Activity Coordinator	<p>Roles: It is to, for organizing and coordinating after Innovation promotion activities and extend support to other activities. Recommend (Inst.Ambassadors) for workshops.</p> <p>Responsibilities: Conduct Quarterly Activities (Q1, Q2) as per the IIC Calendar:</p> <ol style="list-style-type: none"> 1) Orientation session (Webinar / Workshop) – IIC activity 2) Innovation as carrier Opportunity – (Webinar / Workshop) - IIC Activity 3) Ideation Workshop (Subject Field) – (Workshop) - IIC Activity 4) Arrange Motivational Session related to Innovation and Innovators - IIC Activity
2.	Dr.C. Subramanian / Asso.Prof &HOD- Mech	Startup Activity Coordinator	<p>Role: Primary responsible for organizing and coordinating after Start-up promotion activities and extend support to other activities. Making the students to get involved through Self Driven Activities.</p> <p>Responsibilities: Conduct Quarterly Activities as per the Quarterly Calendar:</p> <ol style="list-style-type: none"> 1) Conduct My Story – Motivational Session by Successful Start-up founder -- IIC activity 2) Conduct Start up related webinar /Seminar/Workshops/Ideothan -- IIC Activity 3) Making Arrangement for a field visit -- IIC Activity 4) Session on Prototype Validation – Converting Prototype into a Startup (Wk/Wb). – IIC Activity
3.	Dr.M. Auxillia / Asso.Prof & HOD – IT	NIRF Coordinator	<p>Role: Primary responsible for creating repository and advising on more innovation and Research activities through faculties in campus to increase the ranking in NIRF and also extend support to other activities. Maintaining the NIRF documentary and making a error free for participation in the ranking cycle.</p> <p>Responsibilities:</p> <ol style="list-style-type: none"> 1) Session/ Workshop on Business Model Canvas (BMC) -- IIC Activity 2) Business Plan/Prototype Competition to Invite Innovative Business Models From Students. (Wb/Wk) -- IIC Activity 3) Session on “How to plan for Start-up and legal & Ethical Steps- (Wb/Wk) -- IIC Activity 4) Invite speakers for Introduction to NIRF and its commodities (Wb/Wk) -- IIC Activity 5) Ethics in Higher Education: Policies and Praxis (Wb series) -- Self Driven Activity

4.	Mr.C.Thiagarajan / - ECE Asst.Prof	ARIIA Coordinator	<p>Roles: Primary responsible for creating repository and advising on more innovation and startup activities (Students) in campus to increase the ranking in ARIIA and also extend support to Start up activities.</p> <p>Responsibilities:</p> <ol style="list-style-type: none"> 1) Pre-Incubators and Acceleration in HEIs (Wb/Wk) - IIC Activity 2) Teaching and Learning Courses on Innovation, Entrepreneurship & IPR (Wb/Wk) - IIC Activity 3) Intellectual Property (IP), Generation and Commercialization (Wb/Wk) - IIC Activity 4) Maintain the records of all the Frame work listed. - ATAL Ranking ARIIA portal updating – Prequalifier and Post Qualification – ATAL Ranking (August – October)
5.	Mr. Mani / CSE Asst.Prof –	Internship Activity Coordinator	<p>Roles: Primary responsible for organizing and coordinating after Internship opportunity and engage student in Startups, innovation labs and incubation center etc. to promote innovation activities and extend support to other activities.</p> <p>Responsibilities:</p> <ol style="list-style-type: none"> 1) Benefit of Internship/Training – Industry / Students /Institute - (Wb/Seminar) - IIC Activity 2) Guidelines for students Health, safety and welfare of apprentices – (Wb) - IIC Activity 3) AICTE Internship Student Enrolment - ATAL Ranking /NIRF Ranking 4) AICTE Activity Point Programme - Inter/Intra college (Wb) - ATAL Ranking
6.	Mr. Jeyaraj / CSE Asst.Prof –	IPR Coordinator	<p>Roles: Primary responsible for organizing and coordinating after IPR mentoring, awareness opportunity to promote innovation activities and extend support to other activities.</p> <p>Responsibilities:</p> <ol style="list-style-type: none"> 1) 4Ps (Problem, Prototype, Product and profit) – (Wb/Wk) - IIC Activity 2) National Innovation and start-up Policy 2019 – (Wb/Wk) - IIC Activity 3) IP Expert/ Patent Expert - (Wb /Wk) - IIC Activity 4) Intellectual Property Management - (Wb/Wk) - IIC Activity 5) IP flow involve
7.	Dr.S. Anandalatchoumy / Asso.Prof &HOD – ECE	Social Media Coordinator	<p>Roles: Primary responsible for organizing and coordinating through social media promotion and public relation and effectively communicating regarding various activities undertaken to promote innovation activities and extend support to other activities.</p> <p>Responsibilities:</p> <ol style="list-style-type: none"> 1) Documentation of all IIC related activities. 2) The report for each activity needs to be submitted on IIC portal. 3) At least two program/activity photos should be uploaded on IIC portal. One photo should cover the participants from front and other should cover students

			<p>and stage/screen. The photos should be able to conclusively assert the conduction/organization of program/ activity.</p> <p>4) A one to two-minute video of the program/activity should be uploaded on the</p> <p>5) Prepare quarterly action plan activities with the given format.</p> <p>➤ Important links : Follow and share the programs with social accounts of MHRD, MIC, AICTE: Facebook: https://www.facebook.com/mhrdInnovation Twitter: https://twitter.com/mhrd_innovation YouTube: https://www.youtube.com/mhrdinnovationcell</p>
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C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members - 07
- Total No. of IAs - 10

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

Campus connect Radio – to empower the young minds (To be inaugurated on 11.09.2021)

E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted

Webinars organised as per the IIC calendar / MIC /Self driven Activity and uploaded in MIC webpage.

- No. of student's & faculty Innovation/prototypes developed -**01** (Submitted and Shortlisted for the second Round under AICTE Vishwakarma Awards)

Application Number	VISH202014866
Team Name:	KKKN
Project Name:	Hazardous gas detection and notification system
Sub-Category:	Promote micro, small and medium enterprises to achieve the mission of Atmanirbhar Bharat
Girls Team only:	Yes
Multi-Discipline:	Yes

- No. of IPs published – 01

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041033142 A

(19) INDIA

(22) Date of filing of Application :02/08/2020

(43) Publication Date : 04/09/2020

(54) Title of the invention : LIGHTNING ARRESTER FOR DOMESTIC APPLIANCES

(51) International classification :H02H3/20
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 Address of Applicant :Associate Professor/EEE, Nehru
 College of Engineering and Research Centre, Pampady, Thrissur,
 Kerala, Pin-680588 India Kerala India
2)G. Rajkumar
3)Dr. A Srinivasula Reddy
 (72)Name of Inventor :
1)P.Sundaramoorthi
2)G. Rajkumar
3)Dr. A Srinivasula Reddy
4)Sreejith V.S
5)Adithya Krishna
6)Rajeenamol P. T
7)Hemant Parashram Pathade
8)Dr.Y.Thiagarajan
9)Dr. Siva Shankar S
10)Cyril Joseph

- IP Granted: 01 (Australian Innovation Patent Grant)



**CERTIFICATE OF GRANT
INNOVATION PATENT**

Patent number: 2020103597

The Commissioner of Patents has granted the above patent on 20 January 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):
 Thiagarajan Yogamoorthi of Electrical and Electronics Engineering, Christ College of Engineering, and Technology Moolakulam Puducherry 605010 India
 Valentina Yogamoorthi of Department of Microbiology, MGMCRI, PUDUCHERRY SBV Campus Pillaiyarkuppam Pondicherry 607402 India
 Johan Pandian of Department of Pharmacology, MGMCRI, PUDUCHERRY SBV Campus Pillaiyarkuppam Puducherry 607402 India
 A. Sivakumar of Christ College of Engineering and Technology,, Pitchaveeranpet Moolakulam Puducherry 605010 India

Title of invention:
 SMART SELF-HEATING RECHARGEABLE INOCULATION LOOP (SHRIL)

Name of inventor(s):
 Yogamoorthi, Thiagarajan; Yogamoorthi, Valentina; Pandian, Johan and Sivakumar, A.

Term of Patent:
 Eight years from 22 November 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 20th day of January 2021
 Commissioner of Patents

PATENTS ACT 1990
The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

F. Entrepreneurship Development Cell of our college is facilitating students to avail loan facility for starting a business through District Industries Centre of Pondicherry. Mr. Shanmuga Sundaram, a student of MBA was benefited by getting a Bank loan of Rs.1, 00,000/- with 35% back ended subsidy.

ACTIVITES DONE RELATED TO IIC SINCE December 2020 (Online Mode)

S.NO	TOPIC	Date of Event	Participants Attended	SPEAKER
1.	Motivational session by successful Entrepreneur	12/17/2020	80	Mr. Singathevan Manikandan, Founder - Meet Oh Meat, Tamilnadu
2.	Entrepreneurship Talk - From Starting to Acquisition of a start-up	24.12.2020	113	Durairaju K, Co-Founder Webboombaa, Brand Influencerz - Head, Chennai
3.	Product Idea to Product Deployment	22.12.2020	95	Dr. Mithileysh Sathiyarayanan Founder /CEO / Scientist MIT Square, London, UK
4.	Identifying the IP Component at the Earlier Stage of Innovation	22.12.2020	125	Ms Aruna HP CINO & Patent Consultant MIT Square, London, UK
5.	Your Dreams to Reality	30.12.2020	89	Dr. S. Krishnakumar Senior Technical Scientist Ministry of Defense, Defence Research and Development Organisation (DRDO)
6.	IPR- The next step for Innovation and Start-up	26.04.2021	98	Mrs. Pooja Kumar - Founder & Director (Innove Intellects) Registered Patent agent Govt.of. India, Start-up Facilitator, Mentor, Women Entrepreneur
7.	CELEBRATED NATIONAL SCIENCE DAY -2021 ON 26TH FEBURARY SCIENTECH21	24.2.2021	FIRST YEAR STUDENTS	Mrs. A. Hemavathi General Secretary Pondicherry Science Forum
8.	Design thinking to start-up - A strategic approach	13.05.2021 (AN)	85	Vishnu Varadan V Chief Executive Officer Atal Incubation Centre – Pondicherry Engineering College Foundation Puducherry
9.	E3 for a successful Entrepreneur	13.05.2021 (FN)	75	Dr. Shyam Prashad Rajasekaran, Co-Founder and Chief Operations VegRoute Agri Tech Private Limited Coimbatore
10.	Engineering Innovations for Space Habitats	04.06.2021	174	Kailash Kalidoss NASA Solar System Ambassador Medical Systems Engineer Gener8 LLC, California
11.	Prototype Validation-Converting Prototype into Start-Up	05.06.2021	85	Mr. Ajmal.C. Rasheed Designation: Founder & CEO Address: ACR Technologies, Kerala
12.	Innovation and Start-up Ecosystem	05.06.2021	115	Mr. Gokul T C M Designation: Founder & Director Address: E-CAP

13.	Entrepreneur Skills	24.06.2021	92	Nethila Nimsath Designation: Young Entrepreneur, Founder of “Cinnamon Chat Sri Lanka
14.	BUSINESS MODEL CANVAS (BMC)	26.06.2021	118	Mr. SRIRAAMAN M Manager Annamalai Innovation and Incubation Research Foundation - EDII Annamalai University
15.	Building an innovation/product fit for market	11.08.2021	86	Mr. R.Kaja bantha navas Designation: Founder & Director Address: Helios innovation private limited, chennai
16.	World Entrepreneur Day	20.08.2021- 25.08.2021	25	Conducted various Competiton

FACULTIES - PATENT FILED DETAILS

A. INTERNATIONAL PATENT

S.NO	Name of the Applicant / Inventor	TITLE OF PATENT	Country / Application Number	Date of Filing	Date of Grant
1.	Dr.Y. Thiagarajan (Applicant and Inventor)	SMART SELF-HEATING RECHARGEABLE INOCULATION LOOP (SHRIL)	Australian Innovation Patent Patent number: 2020103597	22/11/2020	20/01/2021

B. COPYRIGHT GRANT RECEIVED., Govt.of. India

Diary Number	Class of Work	Title of Work	Applicant Name	Status of Application
15125/2020-CO/L	Literary	A CNT coated Stainless Steel Mesh Electrode an alternate source for microbial fuel cell	Dr. Thiagarajan Yogamoorthi	Granted

OUR COLLABORATORS RELATED TO IPR

S.NO	NAME OF THE ATTORNEY	ADDRESS
1.	AIC-PONDICHERRY ENGINEERING COLLEGE FOUNDATION	Pondicherry Engineering College Foundation (AIC-PECF) is fully supported and funded by Atal Innovation Mission (AIM) , Pondicherry
2.	MIT Square Services Private Limited	20, Halcyon Villas, Banjara Layout, Horamavu, Bangalore - 560043, Karnataka, India
3.	Exilyze Intellectual Services, Hyderabad Director IPR	Registered Indian Patent Agent – Registration Number IN/PA 3027

TESTIMONIAL FROM ATAL INCUBATION CENTRE PONDICHERRY ENGINEERING COLLEGE



TESTIMONIAL

Date: 25th August 2021

Christ College of Engineering & Technology has done a commendable job in encouraging Institute Innovation and Entrepreneurship. The best part for the IC programs of this institute is that they have adopted a well structured and outcome driven program model.

Apart from the structured programs I am quite impressed with their student support initiative of facilitating debt fund support for aspiring student entrepreneurs in starting their venture.

We are delighted and excited to partner with Christ College of Engineering & Technology and support their initiatives in nurturing and supporting our young National Builders.

Best Wishes & Regards

Vishnu Varadan
Chief Executive Officer
AIC-PEC Foundation

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Point of Contact (POC) from our organisation

Name: Dr.Y. Thiagarajan

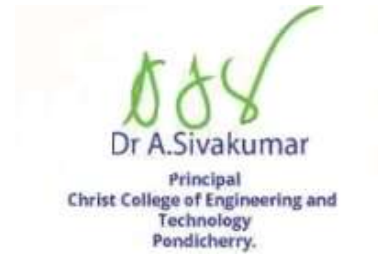
Designation: Associate professor cum R&D Head

Department: Electrical and Electronics Engineering

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Signature of the Authority