

Pitchaveeranpet, Moolakulam, Oulgaret, Puducherry – 605 010



OUR JOURNEY started with a Motto of with INTUITIVE
to INNOVATE
and INCUBATE

- **To create a vibrant local innovation ecosystem**
- **Start-up supporting mechanism in HEIs**
- **Prepare institute for participation in NIRF and Atal Ranking of institutions on innovation achievements framework.**
- **Develop better cognitive ability among students.**








- Year of establishment of IIC – 2020
- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.

We collaborated with many Institutions like ATAL incubation centre, Patent Attorney and few Technical skill development centres in order to uplift the hidden skills. We have stived to in making the students to visit the nearby incubation centres to know the present status in the mission of Innovation and Startup.

List of MOU signed and also Established COE towards our vision.

OUR MOU PARTNERS SINCE (2020 – 2022)

(Institutional/Academic/Nodal centre)

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

7.	DHS FOUNDATION New Delhi , INDIA	
8.	PCCOE CENTER FOR INNOVATION INCUBATION & LINKAGES FORUM (CIIL) Sector No. 26, Pradhikaran, Nigdi Pune, Maharashtra -411044. India	
9.	EC-Council Academia Preparing the Next Generation of Cybersecurity Experts	
10.	VI MICROSYSTEMS PVT.LTD No:75, Electronics Estate, Perungudi, chennai- 96, INDIA	
11.	YOUTH UNITED COUNCIL OF INDIA	
12.	edX Online Learning	
13.	Great Lakes E-Learning Services Pvt. Ltd	
14.	Testbook Edu Solutions Pvt. Ltd. Zion Building, Plot No. 273, Sector 10, Kharghar, Navi Mumbai - 410210	

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 I-Yr Coordinator	Vice President
3.	Dr.Y. Thiagarajan / HOD - EEE	Convenor
4.	Dr.R. Boopathi / Asst.Prof (SG) - EEE	IPR Coordinator
5.	Dr.S. Anandalatchoumy / HOD - ECE	NIRF & Social Media Coordinator
6.	Dr.T. Thirumurugan / Asso.Prof - ECE	ARIIA Coordinator
7.	Mrs.K. Sudha / HOD - CSE	Internship Activity Coordinator
8.	Mr. J. Mani / HOD- IT	Start-up Activity Coordinator
9.	Mr. S. Siva Sankaran / Asso.Prof - CSE	Innovation Activity Coordinator
10.	Mr. R. Manivannan / Asst.Prof -EEE	Innovation Activity Member
11.	Mr. K. Krishna Bharathi / Asst.Prof - MECH	Startup Activity Member
12.	Mr.S.S. Karthik /Asst.Prof - ECE	Social Media Member
13.	Mr.S. Raja / Asst.Prof/ Maths	ARIIA Member
14.	Mrs.C.AnithaDevi/Asst.Prof / Physics	Internship Activity Member
15.	Mr. K. Kirubakaran / Asst.Prof - ECE	IPR & NIRF Member

ROLES AND RESPONSIBILITIES OF IIC COORDINATORS

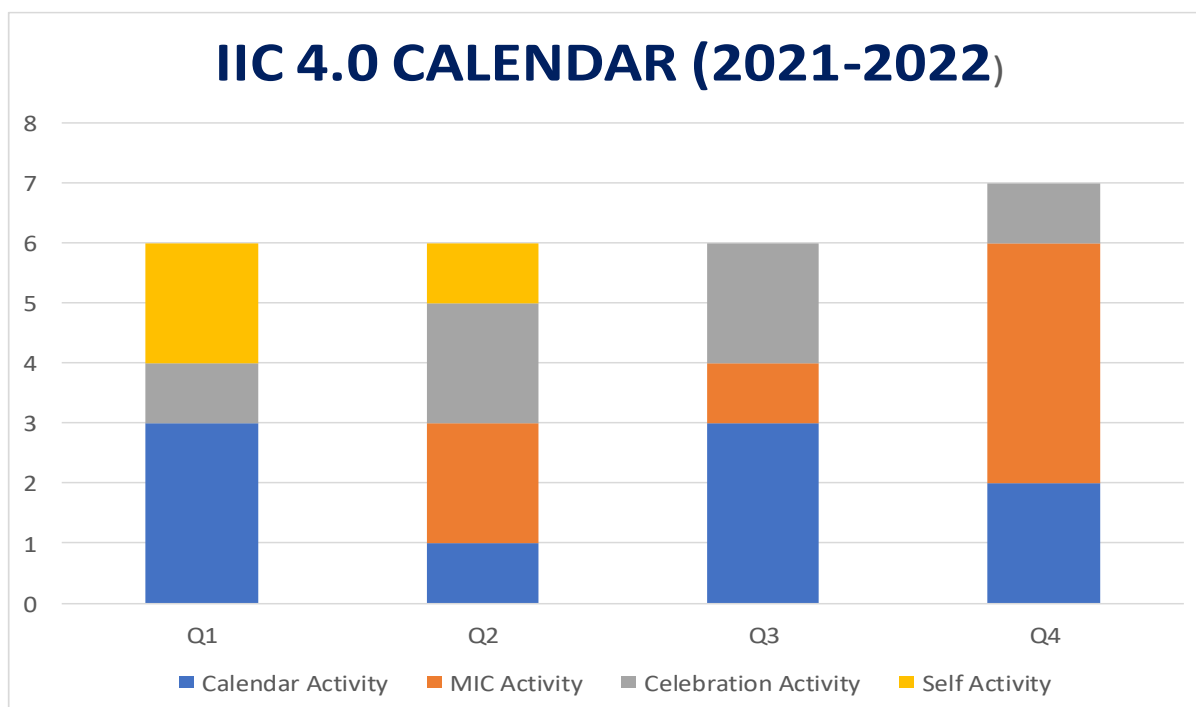
Sr. No.	Name of the Coordinator	Key Role/ Position assigned in IIC	Roles / Responsibilities
1.	Mr.S. Sivasankar / Asst.Prof – CSE	Innovation Activity Coordinator	<p>Roles: It is to, for organizing and coordinating after Innovation promotion activities and extend support to other activities. Recommend (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.S. Anandalatchoumy / HOD - ECE	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.	Dr.T. Thirumurugan / Asso.Prof - ECE	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.	Mrs.K. Sudha / HOD - CSE	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.	Dr.R. Boopathi / Asst.Prof (SG) - EEE	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 - 14
- 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.

1. Campus connect Radio – to empower the young minds

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 – 05

S.NO	Name of the Applicant / Inventor	TITLE OF PATENT	Application Number	Date of Filling	Date of Publication / Granted in IPR Journal
1.	Dr. Y. Thiagarajan (Applicant and Inventor)	Multifunctional Test Tube	202141039231 A	30/08/2021	Granted on 22/03/2022
2.	Dr.Y. Thiagarajan (Applicant and Inventor)	A microbial fuel cell with CNT electrodes	201941049319 A	30/11/2019	Published on 06/12/2019
3.	Dr.Y. Thiagarajan (Applicant and Inventor)	A sanitary napkin dispenser	202041005625A	10/02/2020	Published on 14/02/2020

4.	Dr.Y. Thiagarajan (Applicant and Inventor)	Automated Hygiene Fluid Dispensing Device	202041017380 A	22/04/2020	Published on 05/06/2020
5.	Dr.Y. Thiagarajan (Inventor)	Lightning Arrester for Domestic Appliances	202041033142 A	02/08/2020	Published on 04/09/2020

• IP Granted: 01 (Australian Innovation Patent Grant)

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



Australian Government
IP Australia

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.




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.

Dated this 20th day of January 2021
 Commissioner of Patents


- 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.

FACULTIES - PATENT DETAILS

A. INDIAN PATENT GRANTED




**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



**भारत सरकार
GOVERNMENT OF INDIA**
**पेटेंट कार्यालय
THE PATENT OFFICE**
**पेटेंट प्रमाणपत्र
PATENT CERTIFICATE**
(Rule 74 Of The Patents Rules)

क्रमांक : 044139662
SL No :



पेटेंट सं. / Patent No. : 392591


आवेदन सं. / Application No. : 202141039231

फाइल करने की तारीख / Date of Filing : 30/08/2021

पेटेटी / Patentee : 1.Dr. Y. Thiagarajan 2.Hadi Erfani 3.Dr. V. Hemamalini

प्रमाणित किया जाता है कि पेटेटी को उपरोक्त आवेदन में विषयवस्तु MULTIFUNCTIONAL TEST TUBE नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख 30th day of August 2021 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled MULTIFUNCTIONAL TEST TUBE as disclosed in the above mentioned application for the term of 20 years from the 30th day of August 2021 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तिथि : 22/03/2022
Date of Grant :

**पेटेंट नियंत्रक
Controller of Patent**

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 30th day of August 2023 को और उसके पश्चात प्रत्येक वर्ष में उठी गिन गयी।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 30th day of August 2023 and on the same day in every year thereafter.


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, PUDUCHERRY	Pondicherry Engineering College Foundation (AIC-PECF) is fully supported and funded by Atal Innovation Mission (AIM) , Pondicherry
2.	PCCOE CENTER FOR INNOVATION INCUBATION & LINKAGES FORUM (CIIL)	Sector No. 26, Pradhikaran, Nigdi Pune, Maharashtra -411044. India
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 PONDICHERRY



Atal Incubation Centre
Pondicherry Engineering College Foundation
Supported by Atal Innovation Mission, NITI Aayog, Govt. of India




Puducherry
26th August 2021

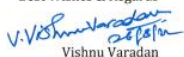
Christ College of Engineering & Technology has done a commendable job in encouraging Institute Innovation and Entrepreneurship. The best part for the IIC programs of this institute is that they have adopted a well-structured and outcome driven program model.

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-PECF Foundation

V.VISHNU VARADAN, B.Tech., MBA.,
Chief Executive Officer (CEO)
AIC-Pondicherry Engineering College Foundation
Puducherry - 605 014.

Pondicherry Engineering College Campus,
Pillaichavady,
Puducherry - 605014, INDIA.

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Mobile : 0 944 30 85 380
E-mail : info@aicpecf.org
Web : www.aicpecf.org

SINGLE Point of Contact (SPOC) from our organisation

Name: Dr.Y. Thiagarajan (IIC CONVENOR)

Designation: Associate professor cum R&D Head

Department: Electrical and Electronics Engineering

**Postal Address: No 6 Second Cross, Aravindar Nagar, Reddiarpalayam,
Puducherry- 605010**

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Dr A.Sivakumar
Principal
Christ College of Engineering and
Technology
Pondicherry.

Signature of the IIC PRESIDENT / HOI