



ANNA VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

Dr.R Angeline Prabhavathy
PRINCIPAL

Authentication certificate

Institution has created an Ecosystem for Innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge / technology and the outcomes of the same are evident.



Principal

PRINCIPAL
ANNA VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



Address:
AVK Nagar, Pottalkulam,
Azhagappapuram Post, Kanyakumari District - 629401.



Email:
info@avce.edu.in



Phone
+91-98410 11753
+91 98410 11759
+91 98410 11760



ANNA VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

3.2.1 Institution has created an Ecosystem for Innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge / technology and the outcomes of the same are evident.

Metric	Parameter
3.2.1	Description Statement
	IIC Details
	IPR Details



PRINCIPAL
ANNA VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



Address:
AVK Nagar, Pottalkulam,
Azhagappapuram Post, Kanyakumari District - 629401.



Email:
info@avce.edu.in



Phone
+91-98410 11758
+91-98410 11759
+91-98410 11760



ANNA VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

The Institution provides an active environment for promotion of Innovation and Incubation. All required facilities are provided and guidance is extended to the students. Students are encouraged to be actively involved in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents.

Anna Vailankanni College of Engineering encourages students not only to absorb current knowledge but also to be enterprising and try to create new knowledge, products and ideas. Awareness meets, workshops, seminars and guest lectures are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field.

The activities undertaken by several student societies have created an ecosystem for innovations and other initiatives for the creation and transfer of knowledge. Also, an innovation cell was established with an objective to promote technology based activities in the areas of engineering, electronic products, mechanical innovations and eco-friendly techniques in Engineering, using the core strengths of the students, faculty and Institution.

Central to the IKS ecosystem is the emphasis on raising awareness about intellectual property rights (IPR) among students, faculty, and researchers. Workshops, seminars, and training sessions are regularly conducted to impart knowledge on patents, copyrights,



PRINCIPAL

ANNA VAILANKANNI COLLEGE OF ENGINEERING

Address:
AVK Nagar, Pottalkulam,
Azhagappapuram P.O., Kanyakumari District - 629401.

Email: AVK@AVCE.PUNJAB
POTTALKULAM
AZHAGAPPAPURAM P.O. - 629 401
KANYAKUMARI DIST.

Phone
• 91 98410 11758
• 91 98410 11759
• 91 98410 11760



ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

trademarks, and other forms of intellectual property, empowering innovators to safeguard their creations and inventions effectively.

The Intellectual Property Rights (IPR) cell of Annai Vailankanni College of Engineering has demonstrated commendable innovation and research capabilities by submitting two patents in the year 2018. The inventions, namely the 'Solar Powered Tricycle' and the 'Coir Pith Drier', reflect the institution's commitment to sustainable technologies, eco-friendly solutions, and addressing real-world challenges through innovation. Notably, the Coir Pith Dryer has been successfully granted a patent in the year 2023. Awareness programs on IPR is being conducted at regular intervals for the benefits of faculties and students.

In addition to focusing on IPR awareness and management, the institution has set up an Incubation Centre to nurture and accelerate the growth of promising startups and innovative ventures. The Incubation Centre provides a conducive environment for budding entrepreneurs, offering mentorship, networking opportunities, and access to funding sources. Through tailored support programs and infrastructure facilities, the Centre enables startups to transform innovative ideas into viable business ventures, driving economic growth and job creation.

The external stakeholders of the start-up ecosystem namely students as Accelerators and Industries and Research Organizations as benefitors have signed Memorandum of Understanding (MoU) for mentoring the students and training them in the latest technological fields of engineering.

Annai Vailankanni College of Engineering has signed MoU with AMT MotoCorp, Naanti Foundation –Titan LEAP, IMAYA International Institute of NDT, Tirunelveli, VEI Technologies -Chennai, Gambella University - Ethiopia ,Skill Technika - Nungambakkam Chennai ,Tri-O Technologies- Nagercoil, Iconix Software Solution -Tirunelveli and Centre for



Address:
AVK Nagar, Pottalkulam,
Azhagappapuram Post, Kanyakumari District - 629401.



Email
info@avce.edu.in

PRINCIPAL

ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Phone
+91 98410 11758
+91 98410 11759
+91 98410 11760



ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

Research for Incubating ideas towards product development and formation. MHRD Institution Innovation Council (MHRD-IIC) was also developed for encouraging the students towards sustainable growth and revolutionizing their focus towards research and development.

With the existing Innovation Ecosystem various research work and project reports were created, which is sent to funding agencies for their approval. The reports of investigative research works were presented in National and International conferences by the faculty and students of our Institution. The best project motivation awards were won by various departments in conferences and the reports are published in National & International Journals. The reports generated were presented in Local Newspapers and in Media for recognition throughout the educational sectors. All the project reports were collected and stored in the Digital library for further references and continuation of future applied research work.

College conducts regular Webinar programs for the departments to promote and bridge the gap for the Industry- Institute interactions. Faculty members regularly interact with the industry to understand functional challenges through applied research or student projects. Projects conceived by the students are used as case study in few industries and the same is applied to government organizations like TNSCST for funding. The students choose ideas to take up problems faced by industries by providing solutions to them, for an Environmental and Societal cause. Professional Society chapters by IEEE from the department of ECE and EEE have created a greater impact for the students to work on leading Innovative Technologies.



PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



Address:
AVK Nagar, Pottalkulam,
Azhagappapuram Post, Kanyakumari District - 629401.



Email
info@avce.edu.in



Phone
+91 98410 11758
+91 98410 11759
+91 98410 11760



MoE's
INNOVATION CELL
GOVERNMENT OF INDIA



INSTITUTION'S
INNOVATION
COUNCIL
Ministry of Education, Government of India



CERTIFICATE

Institution's Innovation Council (IIC) established at

Annai Vailankanni College of Engineering, Kanniyakumari

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus

during the IIC calendar year 2021-22.

Dr. Abhay Jere
Chief Innovation Officer
MOE, Innovation Cell

Mr. Dipan Sahu

Assistant Innovation
Director MOE, Innovation
Cell

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



Certificate No : 5783 Issued On : 2022-11-17

This is to certify that **Annai Vailankanni College of Engineering,
Kanniyakumari**

has established an Institution's Innovation Council (IC202216225) in the campus as per
the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic
calendar year 2021-22

Certificate No: 5783 Aishe Code: C-27088 Date: 18-01-2022




PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANNIYAKUMARI DIST.

IIC Report Details

Annai Vailankanni College of Engineering , Tamil Nadu , Kanniyakumari

Activity Report submitted for the academic year 2021-22

S.NO.	ACTIVITY	TOTAL SUBMISSION	STATUS
1	IIC Calender Activity	16	Verified - 16
2	MIC Driven	5	Verified - 5
3	Self Driven	14	Disapproved - 5 Verified - 9
4	Celebration	4	Verified - 4

This report is electronically generated against report submitted on Institution's Innovation Council Portal.



PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANNAIYAKUMARI DIST.

MOE'S INNOVATION CELL
INSTITUTION'S INNOVATION COUNCIL

**ANNAI VAILANKANNI COLLEGE OF ENGINEERING,
KANNIYAKUMARI (IC202216225)**

**WORKSHOP ON "ENTREPRENEURSHIP AND INNOVATION AS CAREER
OPPORTUNITY"**

OVERVIEW

Objective:

NA

**Benefit in terms of learning/Skill/Knowledge
obtained:**

He also discussed how to turn ideas into
businesses and how to fund them through
government and private programme

Academic Year:

2021-22

Program driven by:

IIC Calendar Activity

Month:

November

Program /Activity Name:

Workshop on "Entrepreneurship and Innovation
as Career Opportunity"

Program Type:

Workshop

Other:

NA

Program Theme:

Entrepreneurship


Other:

NA

Date & Duration (Days):

External Participants, If any:




PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

02/05/2022-02/05/2022-0

null

Student Participants:

Faculty Participants:

100

15

Expenditure Amount, If any:

Remark:

null

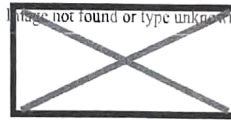
NA

ATTACHMENTS

Video:

NA

Photograph1:



Photograph2:


/uploads/institutes/monthlyReport/Photograph2/7058-IC202216225.jpg

Session plan, If any:

<https://api.mic.gov.in/uploads/institutes/monthlyReport/report/8697-IC202216225.pdf>

This report is electronically generated against report submitted on Institution's Innovation Council Portal.




PRINCIPAL
ANNA VILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Assistant Innovation Director
MoE's Innovation Cell, Govt. of India




PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

Letter of Appreciation

Dear Sir/Madam,

Please accept our sincere gratitude to all the chief functionaries and every members of the IIC Institution's Innovation Council (IIC) of Annai Vailankanni College of Engineering for the continuous support and contribution towards building the innovation and entrepreneurship culture development in your campus and also extending support to help other IIC institutions towards growth of the IIC network during the academic year 2021-22.

Chief Functionaries of the IIC at Annai Vailankanni College of Engineering, Kanniyakumari


Name	Position
Dr.A.Benham	President
V.S.Jiji	NISP Co-ordinator
Mr.D.David Philip Daniel	Social Media
Dr.J.Sunil	IPR Activity Coordinator, Vice President
Mrs.S Berlin Shaheema	ARIIA Coordinator
Mr.Lalu Gladson Robin	NIRF Coordinator
Mr.R.Robert	Start up Activity Coordinator
Mr.M.Arun Jeyakumar	Convener
Mrs.P.Renuka	Innovation Activity
Mrs.M.Morrin Gracida	Internship Activity Coordinator

As we are progressing towards a 'quality' driven I&E ecosystem development, we strongly believe that the IIC model and its unique structure is definitely putting your HEI's thoughts, actions and aspirations in a systematic way to achieve inclusive and holistic development of the ecosystem.

Thank you & regards.

Yours Sincerely,

Dipan Kumar Sahu

PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANNYAKUMARI DIST.



ANNAI VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

Establishment of Intellectual Property Rights (IPR) Cell

1. Introduction:

- Intellectual Property Rights (IPR) are crucial for protecting the organization's innovations, creations, and brand assets. Establishing an IPR cell is essential for ensuring the effective management and protection of these valuable intellectual property assets.
- Innovation is a continuous process of learning and an outcome of a good innovation may lead to a great invention. To protect the new invention properly, an Intellectual Property Rights (IPR) Cell is to be established towards the development of an individual, business empire and in turn the Indian nation. Intellectual Property Rights gained a paramount importance for protecting Inventions and a tool to leverage a Business. As a budding engineer of today who will be a prospective future innovator needs to be aware of the creation and protection of the intangible properties which will result in an Intellectual property

2. Objectives:

- Protect the organization's intellectual property assets, including patents, trademarks, copyrights, and trade secrets.
- Enhance innovation and creativity within the organization by fostering a culture of intellectual property awareness.
- Ensure compliance with national and international IP laws and regulations.
- Facilitate the monetization of intellectual property through licensing and commercialization activities.



PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



Address:
AVK Nagar, Pottalkulam,
Azhagappapuram Post, Kanyakumari District - 629401.



Email:
info@avce.edu.in



Phone
• 91-94410 11758
• 91-94410 11759
• 91-94410 11760

THE CONSTITUTE OF IPR CELL COMMITTEE

SI.NO	DESIGNATION	NAME
1	Chair Person	Mr.Haiter Lenin
2	Member	Mr.J.Prabhu
3	Member	Mrs.GoldlingSheeba
4	Co-ordinator	Mr.G.GaswinKastro
4	Member	Mr.Jayakumar


4. Functions and Responsibilities:

- Conduct IP audits to identify and assess intellectual property assets.
- File and prosecute patent, trademark, and copyright applications.
- Manage IP portfolios, including maintenance, renewal, and monetization.
- Monitor and enforce IP rights against infringement, including litigation when necessary.
- Provide IP training and awareness programs for employees.
- Collaborate with research and development teams to identify and protect innovations.
- Establish partnerships with external stakeholders, such as law firms and IP offices.

5. Policies and Procedures:

- Develop comprehensive policies and procedures governing the operations of the IPR cell, covering:
 - IP acquisition and protection policies.
 - Procedures for conducting IP searches, filing applications, and managing IP portfolios.
 - Guidelines for IP enforcement and litigation.




PRINCIPAL
ANNAI VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.

- Confidentiality and data security protocols.
- Employee training and awareness programs.
- Collaboration agreements with external partners.
- Reporting mechanisms for IP-related issues and activities.

6. Resources and Budget:

- Estimate the resources required to establish and operate the IPR cell, including:
- Personnel costs (salaries, benefits).
- Office space and equipment.
- Software tools for IP management and documentation.
- Training and education expenses.
- Budget allocation for IP filings, maintenance fees, and enforcement activities.

7. Implementation Plan:

- Develop a phased implementation plan with the following key milestones:
- Phase 1: Infrastructure setup and resource acquisition.
- Phase 2: Recruitment and training of IPR personnel.
- Phase 3: Development and implementation of policies and procedures.
- Phase 4: Integration with existing business processes and departments.
- Phase 5: Ongoing monitoring and evaluation of the IPR cell's performance.

8. Conclusion:

- Emphasize the importance of establishing an IPR cell for protecting and leveraging the organization's intellectual property assets.
- Highlight the potential benefits, including enhanced innovation, competitive advantage, and revenue generation.
- Reaffirm the organization's commitment to intellectual property rights and innovation as key drivers of success.




 PRINCIPAL
 ANNAI VAILANKANNI COLLEGE OF ENGINEERING
 POTTALKULAM
 AZHAGAPPAPURAM - 629 401
 KANYAKUMARI DIST.



ANNA VAILANKANNI COLLEGE OF ENGINEERING




(A Christian Minority Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

PATENT CERTIFICATE received from The Patent Office, Government of India, for COIR PITH DRIER

		IP No. 041162902
पेटेंट कार्यालय, नया दिल्ली		The Patent Office, Government Of India
पेटेंट प्रमाण पत्र		Patent Certificate
(पेटेंट प्रमाणपत्र का प्रारूप - 04)		(Rule 74 of The Patents Rules)
पेटेंट नं. / Patent No.	458101	
अर्जित नं. / Application No.	20184101825	
अर्जित करने की तारीख / Date of Filing	27/04/2018	
पेटेंटर / Patentee	ANNA VAILANKANNI COLLEGE OF ENGINEERING	
<p>प्रमाणित किया जाता है कि पेटेंटर को, उपरोक्त आवेदन में वर्णित COIR PITH DRIER नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के प्रावधानों के अनुसार अथवा तारीख अप्रैल 2018 के तत्पश्चात् दिए गये शर्तों के अन्तर्गत पेटेंट प्रदान किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled COIR PITH DRIER as disclosed in the above mentioned application for the term of 20 years from the 27th day of April 2018 in accordance with the provisions of the Patents Act, 1970.</p>		
पेटेंट प्रदान की तारीख / Date of Grant	10/10/2023	
<p>टिप्पणी - इस पेटेंट के अन्तर्गत दिए गए आविष्कार, यदि इसे बनाया गया है, और 2020 के अन्तर्गत दिए गये शर्तों को पूरा नहीं किया गया है, तो इस पेटेंट का अन्तर्गत प्रदान किया गया है।</p> <p>Note - The term for renewal of this patent, if it is to be maintained, will fall / has fallen due on 27th day of April 2020 and on the same day or every year thereafter.</p>		


PATENT CERTIFICATE

Address
 ANE Nagar, Pottalkulam,
 Ashgappapuram Post, Kanyakumari District - 679401

Email
 info@avce.edu.in

Phone
 +91 98452 11759
 +91 98452 11759
 +91 98452 11759




PRINCIPAL
 ANNA VAILANKANNI COLLEGE OF ENGINEERING
 POTTALKULAM
 ASHAGAPPAPURAM - 679 401
 KANYAKUMARI DISTRICT



ANNA VAILANKANNI COLLEGE OF ENGINEERING

(A Christian Minority Institution)


Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Recognized under section 2(f) of UGC Act 1956

Website: www.avce.edu.in

Anna Vailankanni College of Engineering received Intellectual Property (IP) Award-2019 from Anna University in Recognition for filling of Intellectual Property Rights among the Tirunelveli region, Affiliated colleges of Anna University from the centre of Intellectual Property Rights(CIPR), College of Engineering, Guindy, Anna University, Chennai-600 025




PRINCIPAL
ANNA VAILANKANNI COLLEGE OF ENGINEERING
POTTALKULAM
AZHAGAPPAPURAM - 629 401
KANYAKUMARI DIST.



Address:
AVK Nagar, Pottalkulam,
Azhagappapuram Post, Kanyakumari District - 629401.



Email:
info@avce.edu.in



Phone:
+91-98410 11758
+91-98410 11759
+91-98410 11760