

**VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)**



**INSTITUTION'S INNOVATION
COUNCIL**



ACHIEVEMENTS

Photos

1. Puthulir TN School Innovation and Ideation Challenge



Vivekanandha College of Engineering for Women (VCEW) acted as the district venue partner for **Puthulir**, an innovation and ideation event organized by the **Entrepreneurship Development Cell (EDC)** of **Anna University, Chennai**. The event was aimed at Tamil Nadu school students from grades 8 to 12 and brought together participants from four districts—**Namakkal, Trichy, Madurai, and Thanjavur**. A total of **70 students and 15 school teachers participated** in the event.

2. TANSAM HACKATHON - Women Safety



The Institutions Innovation Council (IIC) and AICTE IDEA Lab – VCEW, in association with the KARUN Foundation, hosted a session on “TANSAM’S HACKATHON – Women Safety.” External college students actively participated in the 24-hour hackathon and successfully completed the event. Three teams won cash prizes for their innovative solutions on women’s safety. The hackathon provided students with hands-on exposure to problem-solving and teamwork. Participants appreciated the opportunity and gave positive feedback about the event and the college. The session enhanced the reputation of the institution by fostering innovation and creating a supportive environment for students.

3. Establishment of StartupTN Pre-Incubation Centre – 22.5 Lakhs



TAMIL NADU STARTUP AND INNOVATION MISSION

(A Section 8, Company under the MSME Department, Government of Tamil Nadu)

12.11.2024

From

Thiru Sivarajah Ramanathan
Mission Director and CEO
StartupTN

To

Vivekanandha College of Engineering for Women,
Elayampalayam,
Namakkal,
Pin - 637205.

Sub: Establishment of StartupTN Pre-Incubation Centre - Sanction Letter - Reg

Ref: Your application for establishing StartupTN Pre-Incubation Centre

Dear Vivekanandha College of Engineering for Women,

StartupTN is pleased to inform that, following a comprehensive review by the Pre-Incubation Centre (PIC) Management Committee, **Vivekanandha College of Engineering for Women** has been provisionally selected to establish StartupTN Pre-Incubation Centre.

The PIC is designed to assist early-stage Startups focused on scalable innovations. Its goal is to support at least 10 innovative ideas from the student community each year, helping them develop proof of concept/prototype and eventually creating Startups.

Further actions:

1. StartupTN team will visit the HI to carry out the due diligence process.
2. Upon successful completion of the due diligence, StartupTN and the HI will enter into an MoU (draft will be shared during the due diligence process) with the *modus operandi*.
3. Followed by, the HI will be registering a Section 8 Company under the name of StartupTN PIC and a separate interest-bearing account should be opened.

Thank you for your commitment to fostering innovation and entrepreneurship in Tamil Nadu.




Mission Director & CEO
StartupTN

12/11/24

Tamil Nadu Startup and Innovation Mission (StartupTN)

No. 327, CMRL Building, 10th Floor, Anna Salai, Nandanam, Chennai 600 035.
Phone: 044 - 22256789 | E-mail: ceo@startuptn.in | Website: www.startuptn.in



The StartupTN Pre-Incubation Centre was established at Vivekanandha College of Engineering for Women (VCEW) with a sanctioned fund of ₹22.5 lakhs under the StartupTN initiative. The centre was created with the objective of nurturing innovation, fostering entrepreneurial skills among students, and supporting early-stage startup ideas within the institution. The initiative strengthened the institutional ecosystem for innovation and entrepreneurship, aligning with the vision of StartupTN to empower women-led startups and promote inclusive innovation across Tamil Nadu.

The establishment of the Pre-Incubation Centre played a vital role in transforming student ideas into viable startup ventures and positioned VCEW as a key contributor to the state's innovation and startup ecosystem.

4.Initial grant amount was provided at the Pre-Incubation Centres event held at the Madurai Regional Hub.

VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
[Autonomous]

Prof. Dr. M. Karunanithi,
CHAIRMAN & SECRETARY

Workshop on Pre Incubation Centres: One Year Roadmap
of PICs in Startup TN Regional Hub, Madurai - 24.06.2025

www.vcengg.ac.in /vcew2001

The initial grant amount was provided to the selected institutions during the Pre-Incubation Centres event held at the Madurai Regional Hub. The workshop served as a platform to discuss the future operational roadmap and action plans for each Pre-Incubation Centre. Representatives from various institutions shared their experiences and outlined strategies to strengthen innovation and entrepreneurship activities. The session focused on enhancing collaboration among Pre-Incubation Centres and aligning objectives with the StartupTN initiatives. Participants gained valuable insights into funding utilization, resource management, and effective implementation of incubation programs.

5. Start – up Pre Incubation Launch Event



Startup Pre Incubation Launch by

Thiru. T.M. Anbarasan

**Hon'ble Minister for Micro
Small & Medium Enterprises Department,
Government of Tamil Nadu.**

on 30th May 2025



The Startup Pre-Incubation Centre was officially inaugurated by Thiru T.M. Anbarasan, Hon'ble Minister for Micro, Small & Medium Enterprises Department, Government of Tamil Nadu, **on** 30th May 2025. The event marked a significant milestone in promoting entrepreneurship and supporting early-stage startups in the region.

6. SEED FUND from MSME Idea Hackathon 4.0 – 75.2 Lakh



VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN

[Autonomous]



Prof. Dr. M. Karunanithi,
CHAIRMAN & SECRETARY

The Management, Directors, Principal, Heads & Faculty Members of VCEW

Congratulate...



The Winners of "SEED Fund" from

MSME Idea Hackathon 4.0



Host Institute - 5 at Vivekanandha College of Technology for Women
1 at Kongunadu College of Engineering and Technology

SEED FUND Rs.15 Lakh

Department of Computer Science and Engineering

Title: Versatile and Scalable Air Pollution Monitoring Drone for Agriculture and Disaster Response





Ms.S.Logeshwari Ms.B.Dhya Dharshini Ms.S.Logasri

Total Grant Amount 2024-25

Rs. 75.2

Lakhs

SEED FUND Rs.15 Lakh

Department of Biomedical Engineering

Title: Assistive Technology for People with Hand Tremors- Smart Steady Spoon



Ms.Y.Abinayari
BME

SEED FUND Rs.13.2 Lakh

Department of Electronics and Communication Engineering

Title: Visionaid- A Wearable Assistive Spects to Visual Accessibility for Blind Individuals






Ms.M.Aishwarya Ms.Y.Abinaya Ms.B.Chaitra Ms.T.Kanmani

SEED FUND Rs. 12 Lakh

Department of Biotechnology

Title: Revitalizing Potable Water with Poly Herbal Sachet








Ms.N.Ranjani Ms.K.P.Mounika Ms.C.V.Kiruthika Ms.G.Madhubala Ms.M.Sangeetha Ms.S.K.Harshini

SEED FUND Rs.10 Lakh

Department of Computer Science and Technology

Title: Intelligent IV Fluid Monitoring System







Ms.K.Jeeveeka Ms.A.Kanishgaa Sre Ms.S.S.Rithanyaa Ms.S.P.Dhanasri Ms.Antikapalli Krishna Priya

SEED FUND Rs.10 Lakh

Department of Biotechnology

Title: Sustainable Bamboo Syringe for a green future






Ms.V.Thivija Ms.S.Madhumitha Ms.S.Savitha Ms.D.Mohanapriya

Faculty Mentors









Dr.C.Poongodi Prof./CSE Dr.M.Sayeeekumar ASP/CST Dr.T.Manikandan ASP/ECE Dr.A.Muthu Kumara Pandiya ASP/Biotech Dr.K.Baskar ASP/BME Dr.K.Gilort Rose ASP/Biotech Ms.G.Rajeshwari AP/ECE

A total of six projects were selected under the program. Out of these, five projects were selected from the host institute VCTW, and one project was selected from Kongunadu Engineering College. The selected projects represented multiple departments, with CSE contributing 1 project funded at ₹15 lakh, ECE 1 project at ₹13.2 lakh, BT 2 projects at ₹22 lakh, CST 1 project at ₹10 lakh, and BME 1 project at ₹15 lakh. The **total funding secured amounted to ₹75.2 lakh**, which was allocated to support the development and implementation of the selected projects. This initiative encouraged interdisciplinary collaboration and promoted innovative research among students and faculty members.

7.Nan Muthalvan Niral Thiruvizha 2024



Start-up TN Regional Hubs is a commendable initiative by the Nan Muthalvan Niral Thiruvizha 2024 aimed at harnessing the creativity and technical skills of students in higher education to address the real world challenges. Around 157 teams participated in this Nan Muthalvan Niral Thiruvizha 2024 for the preliminary selection. Out of these, **21 teams qualified for the grand final round**. Among these, **4 Teams from VCEW have been shortlisted for the next Level of Start-up TN Regional Hubs** will connect with all these these for futher incubation & Start-up Process. Among them, **3 teams from VCEW emerged as First Prize Winners**, each securing a cash prize of **₹1,00,000**, showcasing the exceptional talent and innovation nurtured at our institution.

7. Naan Mudhalvan Niral Thiruvizha 2.0 - 2025

VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
[Autonomous]

Est. 2001

NAAC A++

Prof. Dr. M. Karuninithi,
CHAIRMAN & SECRETARY

Hearty Congratulations
to the Selected Students and Mentors
under the Scheme

நான் முதல்வன்
Anna University

தரல் திருவிழா

ANNA UNIVERSITY
PROGRESS THROUGH KNOWLEDGE

14
Ideas Selected from
VCEW

Among **1000** Project Ideas
Total Sanction of **Rs. 1.4** Lakhs for the Projects

I ♥ VCEW

www.vcengg.ac.in

/vcew2001

A total of **14 innovative projects** were selected from various departments of Vivekanandha College of Engineering for Women (VCEW) under the Pre-Incubation Centre initiative. Among these, 8 projects belonged to the Department of ECE, 2 projects CSE, 2 projects IT, and 2 projects BME. Each selected project team received financial support to further develop their prototypes and business models. The total sanctioned amount was **₹1.4 lakhs**, which was allocated based on project requirements and innovation potential.

8. EDII Hackathon 2024



Students from Vivekanandha College of Engineering for Women (VCEW) participated in the EDII Hackathon 2024, organized by the Entrepreneurship Development Institute of India (EDII-TN) at Bharathiar University on 11th September 2024. The event provided a platform for students to showcase their innovative ideas and problem-solving skills.

The VCEW team demonstrated exceptional creativity and technical expertise, which earned them the **Second Prize with a cash award of ₹25,000**. Their achievement highlighted the institution's strong focus on innovation and entrepreneurship, and motivated other students to actively participate in similar national-level hackathons in the future.

9. Grant of ₹4 lakh was received as funding support through the YUKTHI Innovation.



All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

File No. - P/11/2024-US C1/1 (Computer No. 4959)

Dated: - 28.04.2025

Grant Support to Innovations - Sanction Letter

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi - 110070

Sub: Release of Rs. 200000/- (Rupees Two Lakh only) as a balance of GIA (2nd phase) to Vivekanandha College of Engineering for Women (Autonomous),

Sir,

With reference to the approval of the Council, this is to convey the sanction for payment of **Rs. 200000/- (Rupees Two Lakh only)** to **Vivekanandha College of Engineering for Women** as the balance Grant-in-Aid (2nd Phase) from the total grant of Rs. 4,00,000/- under the Grant Support to Innovations, MIC Scheme. This funding is for the innovation titled "Smart Saline Level Monitoring System" as per details given below: -

1.	Name and address of the Beneficiary Institution/ Institute / Incubation Unit	Vivekanandha College of Engineering for Women (Autonomous), Elayampalayam, Tiruchengode - TK, Namakkal District, Tamilnadu - 637 205,
2.	Name of the Team Leader:	JEEVEEKA K
3.	Total Grant-in-aid Sanctioned:	<u>Rs. 400000/-</u>
4.	1st Phase Amount (50% of Grant-in-Aid) released during the financial year 2024-25:	<u>Rs. 200000/-</u>
5.	2nd Phase Amount (50% of Grant-In-Aid) to be released during the FY 2025-26	<u>Rs. 200000/-</u>
6.	Grant to be Utilized	<u>FY 2025-26</u>
7.	Sanctioned grant-in-aid is debit to:	<u>603.2 (a) General (MIC)</u>
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	The Principal Vivekanandha College of Engineering for Women

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal through RTGS/PFMS.
2. This Grant-in-Aid is being disbursed in accordance with the terms, conditions, and guidelines of the scheme, as previously outlined in the sanction letter for the 1st Phase Grant dated 06.05.2024.

The instructions/guidelines to be followed by University/Institution/Incubation Unit

I. Release of funds

The project titled "Smart Saline Level Monitoring System" from the Department of Computer Science and Technology received a grant of Rs. 4 Lakh under the YUKTHI Innovation MIC Scheme of AICTE. The project aimed to develop an intelligent system for real-time monitoring of saline levels in medical setups, ensuring timely alerts and improving patient care. The funding supported the development of the prototype, procurement of necessary components, and implementation of advanced sensors and monitoring technologies.

10. TANCAM's Hackathon for Women TNWISE 2025 at Kalaingar Karunanidhi Institute of Technology



The TANCAM Hackathon for Women TNWISE 2025 was conducted **at** Kalaingar Karunanidhi Institute of Technology, Coimbatore **on** 07.03.2025. The team from the Department of Biomedical Engineering (BME) participated in the event and **secured a cash prize of Rs. 25,000** for their innovative project.

11. TANCAM's Hackathon for Women TNWISE 2025 at Kumaraguru College of Technology



The TANCAM Hackathon for Women TNWISE 2025 was held at Kumaraguru College of Technology, Coimbatore on 20.03.2025. A team from the institute participated in the hackathon and secured the **Third Prize, winning a cash award of Rs. 15,000**. The accomplishment showcased the students' innovative ideas, technical expertise, and commitment to promoting women's participation in technology and entrepreneurial initiatives.

12. Agri and Food Tech Hackathon - StartupTN in collaboration with EDII-TN, DST-NIDHI-ITBI (Periyar University Business Incubation Confederation



The Agri and Food Tech Hackathon – StartupTN was organized in collaboration with EDII-TN and DST-NIDHI-ITBI under the Periyar University Business Incubation Confederation. The participating team **secured the Second Prize and received a cash award of Rs. 10,000** for their innovative solution in the agricultural and food technology sector. The achievement demonstrated the students' creativity, problem-solving skills, and their ability to develop practical solutions addressing real-world challenges in agri and food tech.

13. Special Appreciation Received



The institute received special appreciation for acting as the District Venue Partner (VCEW) for the Puthulir TN School Innovation and Ideation Challenge. The event was organized by the Entrepreneurship Development Cell (EDC) of Anna University, and VCEW played a key role in facilitating the smooth conduct of the competition. The recognition highlighted the institute's commitment to promoting innovation and supporting young students in developing creative and entrepreneurial ideas.

Product Launch Detail's

1. Eco -Air Purifier Device Launched on College Day 2024



The product was developed by students of the BME Department at VCEW through the AICTE IDEA Lab. The Eco-Air Purifier is an environmentally friendly air purification device designed to improve indoor air quality using sustainable materials and power consumption.

2. Solar-Based Peacock Repellent Device Launched on Engineers' Day 2024



The product was developed by students of the ECE Department at VCEW through the AICTE IDEA Lab. This innovative solution features a Peacock Repellent System, designed to protect crops from bird damage-particularly peacocks-by using solar energy for sustainable operation.

3. Smart Saline Level Monitoring System Launched on College Day 2025



The product was developed by students of the CST Department at VCEW through the AICTE IDEA Lab. It is designed to monitor the saline level of a patient and alert medical staff when the fluid is about to be emptied, prompting timely replacement. In hospitals with high patient loads, nurses may experience stress or unintentionally miss the monitoring process—this device helps prevent such situations by providing an automated alert system.

4. VISIONAID- An AI based wearable assistive smart specs on Engineers' Day 2025



The product VISIONAID was developed by the students of the ECE Department at Vivekanandha College of Engineering for Women through the AICTE IDEA Lab. It is an AI-based wearable assistive smart spectacle designed to help visually impaired individuals navigate their surroundings safely.

5. Green Wings – Sustainable Solar Based Delivery System on Engineers' Day 2025



The product *Sustainable Solar Based Delivery System* was developed by the students of the CSE Department at Vivekanandha College of Engineering for Women through the AICTE IDEA Lab. It incorporates an instant battery-swapping mechanism using pre-charged batteries from solar rooftop stations rented from households, promoting renewable energy utilization. This innovative solution is cost-effective, scalable, and community-driven, enabling both environmental sustainability and local income generation.

6. Smart lab Entry on Engineers' Day 2025



The product SMART LAB ENTRY SYSTEM was developed by the students of the ECE Department at Vivekanandha College of Engineering for Women through the AICTE IDEA Lab. It features dual-factor attendance verification with automatic data logging into Google Sheets in real-time and synchronization through a mobile app for seamless monitoring. This innovative system enhances lab security, ensures accurate attendance tracking, and promotes the adoption of smart automation in academic environments.