



VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN

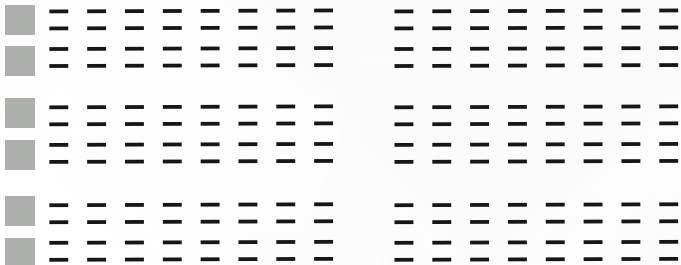
(Autonomous Institution - Accredited by NAAC A++ & NBA)
Tiruchengode - 637 205, Namakkal Dt., Tamil Nadu.



Institution's Innovation Council



2023 - 2024



Vision

To cater the needs of students as well as faculty entrepreneurs with innovative ideas of social relevance and there by disseminating a culture of entrepreneurship in campus which will boost our education system and there by growing the national economic and social development.

Mission

To develop a system with required infrastructure that can enable students and faculty to innovate and prototype their ideas with industrial standards and support from Government, industry and reputed academic institutions around the world and help them to realize their potentials

Objectives of IIC

- * To motivate and encourage institutions primarily from the technical domain to create a culture of innovation driven entrepreneurship among academia including students and faculties
- * To focus on institutes specially in the regions which do not have the desired innovation and entrepreneurship ecosystem
- * To build a vibrant innovation ecosystem that leads to the creation of a startup culture in the nearby regions
- * To enable and build a network between academia, investors, mentors, industries and other institutions
- * To provide grants-in-aid funding support to innovative ideas and convert them into prototypes and further to startups.

Key Functionaries

S.No.	Roles	Name
1.	President	Dr. KCK. Vijayakumar / Principal
2.	Vice President	Dr. T. Manikandan/ECE
3.	Convener	Ms. S. Sharmila/ECE
4.	Innovation Activity Coordinator	Dr. S. Balakrishnan/ECE
5.	Start-up Activity Coordinator	Dr. N. Magendiran/ CST
6.	Internship Coordinator	Ms. K. G. Chithra/CSE
7.	IPR Activity Coordinator	Dr. M. Sethu/BT
8.	Social Media Coordinator	Ms. G. Madhumitha/EEE
9.	ARIIA Coordinator	Ms. I. Kalaiyarasi/IT
10.	NIRF Coordinator	Dr. K. Baskar/BME
11.	IP Export/ Patent Export	Mrs. R. Saranraj/IPR Analyst

12.	Start-up / Alumni Entrepreneur	Mrs. R. Rajadharshini
13.	Export from nearby Industry/Industry Association /Ecosystem Enablers	Dr. S. Jaishankar
14.	FI/Bank/Investor/Angel Investor/VC	Mr. Vijayanarasimhan
15.	Incubation Centre	Dr. R. Parameshwaran & Dr. P. Kannan / KONGUTBI

IIC Members Detail

Faculty Members **35**

Student Members **200**

External Members **4**

Achievements

SMART INDIA HACKATHON 2023 WINNER



Our College SIH 1327 HEXA-TITANS
Won First Prize



Our **HEXA TITANS** team has Won **First Prize**
in Finale of **SMART INDIA HACKATHON** with

- ✦ In the Smart India Hackathon 2023, a total of 234 problems were given to the Senior Edition, out of which 55 were related to hardware and 179 were related to software
- ✦ From our Institution 35 Project submitted against different problem statement
- ✦ Total Ideas Submitted Against Problem Statement = 51000
- ✦ Our Problem Creators organization = Government of Kerala
- ✦ Problem ID and Statement : SIH1327- "Develop a system for patient care in the healthcare sector"
- ✦ Category : Hardware
- ✦ Total Problem submitted against SIH1327 ID: 307
- ✦ Short listed for Finale in SIH1327 Statement : 06
- ✦ Among that **35 teams** from our college, 01 Team got selected in SIH finale 2023.
- ✦ **HEXA- TITANS**, Our Team from VCEW has won the **First Prize for the problem statement SIH 1327** and got the prize amount **Rs.1,00,000**.

Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM)

Smart Steady Spoon

Our VCEW Team
Won Second Prize

CASH PRIZE
₹ 25,000



Glimpses of Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM) organizing Tamil Nadu's Largest Hackathon for Women in Engineering International Women's Day 2024 "Invest in Women : Accelerate Progress" . Around **585 teams** participated in this event. Out of these teams, Our Team from VCEW has won the **Second Prize** and got the prize amount **Rs.25,000**.

Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM)

Green Building Innovations

Our VCEW Team Won

CASH PRIZE

₹ 25,000



Glimpses of Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM) organizing Tamil Nadu's Largest Hackathon for Women in Engineering International Women's Day 2024 "Invest in Women : Accelerate Progress" . **Around 1000 students** participated in this event. Out of these, **30 teams qualified for the first round**. Our Team from VCEW has won the **Second Prize** and got the prize amount **Rs.25,000**.



PALS Innovation

Eco - Air Purifier

Our team AIRBAE from BME Won First Prize



PALS of IIT Madras organized PALS Innawah, in which **140 teams from 44 different colleges** participated in the initial pitch or point round, from which **101 teams were shortlisted** for the Pre-Finale.



68 teams got shortlisted and participated in the Finale in which **our team AIRBAE from BME of VCEW got First Prize** under the Theme of the Day After Tomorrow - a safe world post impact of climate change.

National Sustainability Hackathon

Robust Water Purifier



Entrepreneurship
Development
Institute of India
Ahmedabad

Glimpses of Sustainability Hackathon Challenge Finale organised by EDII **4300 students** from all over India participated in the Sustainability Hackathon challenge organised by Entrepreneurship Development Institute of India, Ahmedabad .Out of which **1400 ideas qualified** the



preliminary selection conducted by 31 Host institutes across India and online screening was done .**170 teams got selected** and pitched their ideas in the final round to the panel members, from which 24 teams Won & presented their ideas to investors.Out of these **24 teams ,all 3 Teams** from Vivekanandha College of Engineering for Women won the **best entry award** for their innovative ideas.

Ideathon- Innova Tex

Fabrication of Artificial Teeth

Glimpses of InnoWeek's InnovateX - Idea Presentation Finale organized by AIC RAISE, Coimbatore & ATAL INCUBATION CENTER, Supported by the Atal Innovation Mission (AIM) of NITI Aayog, Govt of India.

Around **1581 students** from all over Tamilnadu participated in this ideation innovation challenge. Out of these, **127 ideas qualified** for the preliminary selection conducted by Host institutes across Tamilnadu, and online screening was done.



Among that **72 teams were selected** and pitched their ideas in the final round to the panel members and investors. Out of these 72 teams, Our Team from Vivekanandha College of Engineering for Women has **won the WINNER** position for innovative ideas and got the seed money of **Rupees 25 Lakhs** and a start-up firm in their tech zone.

National Level MAKE-A-THON 2024

Smart Saline Level Monitoring System

Glimpses of National Level MAKE-A-THON 2024 at M.Kumarasamy College of Engineering, Karur. Around 200 teams participated in this quiz Innovation challenge for the preliminary selection. Out of these, **22 teams qualified** for the final round, Our VCEW has won the **WINNER** position for Software Development and Mobile Application round and got the prize amount of **Rs.3000**.



EDII HACKATHON 2024

Glimpses of EDII HACKATHON 2024 at K.S.R College of Technology, Tiruchengode. Entrepreneurship Development Institute of India HACKATHON is a commendable initiative by the Government of Tamil Nadu under EDII-TN massive upskilling



platform, aimed at harnessing the creativity and technical skills of students in higher education to address the real world challenges. It provides an excellent opportunity for our students to showcase their talents in solving complex problems. **8 Ideas were shortlisted** in the preliminary round and participated in the Ideation Camp conducted by EDII-TN across seven regions of Tamil Nadu at K.S.R College of Technology, Tiruchengode. Among these, **6 Ideas from VCEW have been shortlisted** for the next Level Boot Camp, at the Knowledge Institute of Technology (KIOT).

Nan Muthalvan Niral Thiruvizha 2024

Glimpses of **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.

Grant Received by Student and Faculty Details

Sl.no	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Year of Award	Funds provided (INR in Rs)
1.	Ms.K.Jeeveeka Ms.A.Kanishgaa Sre Ms.S.S.Rithanyaa Ms.S.P.Dhanasri. Ms..Attikapalli Krishna Priya Ms.M.Subashri	AICTE & MOE'S Innovation cell	Government	2024	4,00,000
2.	Dr.S.Chozhavendhan HoD/BT	DST- CURIE	Government	2023- 2024	63,92,000
3.	Dr.A.Muthu kumara pandian ASP/BT Dr.KCK.Vijayakumar , Principal	ATAL -FDP	Government	2023- 2024	3,50,000
4.	Dr.S.Kokila , ASP/ECE	ATAL -FDP	Government	2023- 2024	3,50,000

5.	Dr.R.Kavitha , ASP/ECE Dr.R.Nirmala , ASP/ECE	Anna University- FDTP	Government	2023- 2024	35,000
6.	Dr.R.Nithya , ASP/CSE Ms.R.Radhika , AP/CSE	CSIR	Government	2023- 2024	20,000
7.	Ms.Rithika C	AICTE & MOE'S Innovation cell	Government	2021- 2024	6,50,000
8.	Dr.T.S.Jeyali Laseetha	TNSCST	Government	2020- 21	7500
9.	Mr.M.Thiruppathi	TNSCST	Government	2020- 21	7500
10.	Dr.A. Muthu kumara Pandian	TNSCST	Government	2022	7,500
11.	Dr. N. Prabhu	TNSCST	Government	2022	7,500
12.	Mr. M. Vijay Pradhap Singh	TNSCST	Government	2022	7,500
13.	Dr.L.Malathi,Dr.N.Mohanapriya, Ms.A.Thamaraiselvi	RPS	Government	2021	Rs.3,78,666
14.	Dr.L.Malathi	DST	Government	2021	Rs.1,00,000
15.	Dr.L.Malathi, Dr.S.Thamaraiselvi	AICTE	Government	2021	Rs. 93,000
16.	Dr. PG.Jansi rani	TNSCST, Chennai	Government	2020- 2022	2,40,000
17.	Dr.C.Poongodi	AICTE	Government	2022	1,01,00000
18.	Dr.E.Menaka , Mr.K.Hariprasath	AICTE	Government	2021	Rs.1,00,000
19.	Dr.E.Menaka , Mrs.Priyadharsini Mrs.S.Anandhi	SERB	Government	2021	Rs.15,00,000
20.	Dr.N.M.Saravanakumar	AICTE	Government	2021	Rs.2,10,000

Funding Proposal

Title	2022-2023	2023-2024
Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	IPR 3.60 Lakh	IPR 2.15 Lakh

Dept.	Title of the Proposal	Agency	Amount	PI	COPI
BT	STI Hub for ST Community: "Science Technology and Innovation Hub for upliftment of socioeconomic livelihood of Scheduled Tribal people of Kolli Hills Block (Eastern Ghats), Namakkal" .	SEED	54.575	Ms.A.Archana, AP/BT	-
BT	"Frontiers in Bioprocess and BioSeparation Technology"	AICTE ATAL - FDP	3.50	Dr.N.Prabhu AP/BT	-
BT	Ministry of Science and Technology "Community Development and entrepreneurial activities on biotechnology based programme for the Welfare of SC/ST Population in Kolli hills, Namakkal"	DBT	55.55	Dr.N.Prabhu AP/BT	-
BT	"Waste to wealth creation: A step towards environmental sustainability"	ATAL - FDP	3.5	Dr.A.Chozhavendhan, HoD/BT,	Dr.M.Sethu AP/BT
BME	Short-Term Empirical Research Project "Enhancing Maternal care and Support with AI and Telecommunication Systems under Ayushman Bharat"	STERP	13.44	Dr.K.Baskar ,ASP/BME	-
BME	"Development and Implementation of an Antibacterial Catheter Coating for Enhanced Peritoneal Dialysis Safety"	ICMR	48.7109 6	Dr.K.Baskar, ASP/BME (PI)	Dr.K.Gilbert Ross Rex ASP/BT (Co- PI)
BME	"Inter-Institutional Biomedical Innovations Program on Collaborating with C-Camp"	AICTE	20	Dr.R.Kumar, HoD/BME	Dr.K.Baskar ASP/BME
BME	"Design Thinking approach and Innovative Practices in Biomedical Additive Manufacturing"	ATAL - FDP	3.5	Dr.K.Baskar, ASP/BME	Dr.R.Kumar, HoD/BME

CSE	"Detection of Plant Leaf Disease in Agriculture : Role of deep Learning techniques"	CSIR	0.90	Mrs.B.Anathi, AP/CSE	Mr.M.Ramesh AP/CSE
CSE	"Policies, Prevention and Research Issues of Cyber Harassments in the Digital Age"	CSIR	0.90	Mrs.T.Kavitha, AP/CSE	Mrs.A.Sarany a AP/CSE
CSE	"Early Liver Stability Prediction Methodology Based on the optimized Adayn Technique using Deep Learning"	ICMR	33.6680 9	Dr.R.Nithya, (PI) ASP/CSE,	Dr.K.Baskar, (Co-PI) ASP/BME Ms.E.Sowmiya, (Co-PI) AP/CSE
CSE	"Seminar on atifical Intelligence in 5D Printing"	SERB	1.70	Dr.R.Nithya, ASP/CSE	-
CSE	"The Dawn of Industry 5.0: Transformative Power of AI and Data Science Analytics in Digital Twin Technology"	ATAL - FDP	3.5	Dr.R.Nithya, ASP/CSE,	Ms.D.Radhika AP/CSE
CSE	"Multipurpose Agrobot using AI and IoT"	TNSCST	4.75	Dr.R.Nithya, ASP/CSE,	Ms.D.Radhika AP/CSE
CST	"Blockchain in Cybersecurity: Navigating Challenges and Unleashing Opportunities"	CSIR	0.55	Mr.Dr.N.Magendira n, Prof/CST	-
CST	"National Conference on Advanced Sustainability in Artificial Intelligence"	TNSCST	0.80	Mr.Dr.N.Magendira n, Prof/CST	-
CST	"Pioneering Strategies for Next Generation Solution using Artificial Intelligence"	ATAL - FDP	3.5	Dr.M.Sayeeekumar HoD/CST	Dr.N.Magend iran Prof/CST
EEE	sponsored Two day National Workshop "AI and Customary IoT for sustainable Smart Farming"	CSIR	0.50	Dr.J.Muruganatham , AP/EEE	-
EEE	"Design and Implementation of Optimized Portable Windmill for Sustainable Micro Power generation using AI Technique"	SERB	29.73	Dr.K.Thenmalar, Prof/EEE (PI)	Dr.R.Nirmala, ASP/ECE (Co-PI)

EEE	Two Days Seminar on “Modern Advances in Wireless Power transfer System for Roadway Powered Electric Vehicles and Light-Duty Plug-In Electric Vehicles”	SERB	0.36	Mr.A.Pradeep, AP/EEE	-
IT	Two day National Seminar on “Outsized Growth of Artificial Intelligence in Educational field”	DRDO	0.50	Dr.A.V.Santhoshba buProf/IT	Mrs.T.Haritha AP/IT
IT	One day Seminar on “Reinforcement Learning for Robotics”	DRDO	0.50	Ms.P.Sudha, AP/IT	Mrs.B.Madhu bala AP/IT
IT	One day Seminar on “Human like Conversation with AI”	DRDO	0.50	Ms.P.Sudha, AP/IT	Mrs.B.Madhu bala AP/IT
IT	One day Seminar on “Artificial Neural Networks in Natural Language Processing”	DRDO	0.50	Ms.P.Sudha, AP/IT	Mrs.B.Madhu bala AP/IT
IT	National Seminar on “Emerging Trends in 5 Pen PC Technology”	DRDO	0.50	Mrs.T.Janani, AP/IT	Ms.I.Kalaiyar asi AP/IT
IT	Seminar on “Creative Design Process Effect on Learning Style Using Augmented Reality (AR) and Virtual Reality (VR) Technology”	DRDO	0.50	Dr.A.V.Santhoshba bu, Prof/IT	Mrs.T.Haritha AP/IT
IT	One day Seminar on “Smart Technologies for women safety”	DRDO	0.50	Dr.A.V.Santhoshba bu,Prof/IT	Mrs.T.Haritha AP/IT
IT	“Deep Dive Into Ai For Industry 5.0”	ATAL - FDP	3.5	Dr.A.V.Santhoshba bu,Prof/IT,	Mrs.T.Haritha AP/IT
S&H	National level Seminar on “Sustainable Development in clean energy and Management of Solid Waste (SDCEMSW-2024)”	CSIR	83	Dr.G.Vijayakumar, AP/Chemistry	-
S&H	“Economical Hybird Photovoltaic Thermal Solar Dryer for Food Presentation”	SERB	12.90	Dr.A.Panneerselvam, Prof/Phy	Dr.E.Veeram anipriya

IPR Activities

Mention Year	Number of Patent Filed	Number of Patent granted
2023-2024	16	09
2022-2023	48	12
2021-2022	24	16
2020-2021	06	06

Industry Associations

Duration (From-To)	Industry Name and location	Brief about collaboration
2021 to till date	Sakthi Auto components Private Ltd,Pallakoundanpalayam Tirupur - 638 056.	Consultancy for faculty for online recruitment, website development.
2021 to till date	Swamy Vivekanandha Medical College Hospital and Research Institute.	Consultancy for networking and systems support in new medical
2022 to till date	Puresine Max Solar Pvt. Ltd., No.5 Kalyani cross street, Srinagar colony, Saidapet,Chennai -15.	MoU signed for Projects Internship Inplant Training
2021 to till date	Mikrosun Technology 9/3-53, Rajaji Street, Near KPN Shed, Opp. Rainbow Hospital, Swarnapuri, Salem-636004.	MoU signed for Internship Inplant Training Industrial Visits
2022 to till date	ABE Semiconductor and Engineering Designs, 16/B-3 Sundarbans Complex, First Avenue, Ashok Nagar, Hotel Saravana Bhavan Basement.	MoU signed for Projects Internship Inplant Training
2021 to till date	IRRD automations, Second Floor, Aravaimakkal complex, Covai road, Karur-639002.	MoU signed for Projects Internship Inplant Training

University and MoU Company

S.No	Name of the Industrial Association	Date of MoU	Contact Person / Address	Current Status	To be Assigned (Dept)
1.	School of design thinking	04.07.2024	Dr.Anbu Rathinavel,Head,244,Annasalai,Thousandlights,Tamilnadu, Chennai -600006	Currenty Live	Common

2.	Zeekers Technology Solutions Private Limited	22.05.2024	Dr.M.Arumugaraja Centre Director, Zeekers Technology Solutions Private Limited,Saravanampatti,Coimbatore-641035	Currenty Live	CSE
3.	Hackwit Technologies Pvt Ltd.,	21.03.2024	Mr.S.Ravikumar, Managing Director, Hackwit Technologies Pvt Ltd., Sholinganallur, Chennai - 600119	Currenty Live	CST
4.	Cybernaut	14.09.2023	Mr.Jayasurya Gnanvel, Founder & CEO, Cybernaut, F1,No.90/99,Nithyanandam street, Ashok nagar,Chennai - 600083	Currenty Live	CST
5.	Prashan Medical Technologies	17.10.2023	Mr.Boopathi sakthivel, Prashan Medical Technologies, No.19,Peelamedu,Srinagar, Hope college,Coimbatore – 641004	Currenty Live	BME
6.	GESRA LABS INDIA (P) LTD.,	22.11.2023	Mr.D.Narasimhan, Managing Director Gesra Labs India (P)Ltd., Porur,Chennai -600 116	Currenty Live	BT
7.	A.R Dairy Food Private Limited	04.12.2023	Mr.R.Rajadharshini, Chief Quality officer,A.R Dairy Food Private Limited, Dindigul - 624002	Currenty Live	BT
8.	SAN Engineering Solutions	01.02.2023	Mr.R.Praveen, SAN Engineering Solutions, No.29/3,Kuberalakshmi tower, 3 rd floor,Perundurai, Erode-638052	Currenty Live	ECE
9.	Universiti Geomatika	06.03.2023	Dr.Rosli Bin Omar Dean Faculty of Electrical and Electronic Engineering, Universiti Tun Hussein Onn Malaysia 86400 Parit Raja,Batu	Currenty Live	Common

			Pahat, Johor Darul Ta'zim, Malaysia		
10.	MAHSA University	09.03.2023	Assoc.Prof.Dr.Alla Keseva Rao Chief Operating officer, MAHSA Group of Academic Institutions, Malaysia	Currenty Live	Common
11.	Universiti Tun Hussein Onn Malaysia(UTHM)		Dr.Rosli Bin Omar Universiti Tun Hussein Onn Malaysia(UTHM) 86400 Parit Raja,Batu Pahat, Johor Darul Ta'zim, Malaysia	Currenty Live	Common
12.	Good Game Nation	19.12.2022	Sunil Rai GG Esports ventures Private Limited 9243599766	Currenty Live	Common
13.	Consortium for Technical Education	05.01.2023	Mr.Sairam Srinivasan, Chief Strategy Officer, Consortium for Technical Education, Teynampet, Chennai – 600 018	Currenty Live	IT
14.	Wiskill Learning (OPC) Private Ltd.,	27.09.2022	Mr.Kalyana saravanan Annadurai Senior coordinator Wiskill Learning (OPC) Private Ltd., Nava India, SNR college Road, Coimbatore - 641037	Currenty Live	IT
15.	Noobtron Pvt.Ltd.,	23.08.2022	Mr.Balaji Ramachandran, Noobtron Pvt.Ltd., Chitlapakkam, Chennai- 600064 Email:noobtronprivatelimit ed@gmail.com Mob:7550239469	Currenty Live	CSE
16.	LET'S GAMETECH	05.04.2022	Keerthana Murugesan Proprietor, LET'S GAMETECH, 13/142,Thilagar Nagar,The Nilgiris-643218	Currenty Live	CSE

17.	Object automation software solutions Pvt.,Ltd.,	12.03.2022	Mr.S.Madan kartheesan Project manager, Object automation software solutions Pvt Ltd., #1,2nd floor, Nehru Street, Cooperative nagar, Adambakkam,Chennai-600088 Mob: 7200902803	Currenty Live	CSE
18.	Trusted Portable Electro Point (T-PEP)	30.09.2021	Mr. S.Thirumurugan, Technical Director, 108, 1st Floor,Bharathiar Road, Aiswarya Avenue,Ganapathy,Coimab atoe-641006 TamilNadu. Email:support@tpep.co.in Cell:9715307957	Currenty Live	ECE
19.	Puresine Max Solar Pvt. Ltd.,	07.01.2022	Mr. R.S.S Manian Managing Director No.5 Kalyani cross street, Srinagar colony, Saidapet,Chennai -15, Tamilnadu. Email: manian.rss1@gmail.com Mob:9383100733	Currenty Live	EEE
20.	Mikrosun Technology	30.09.2021	Mr. V.Sasikumar,Managing Director, Mikrosun Technology, 9/3-53, Rajaji Street, Near KPN Shed, Opp. Rainbow Hospital, Swarnapuri, Salem-636004, Tamil Nadu Email:mikrosunprojects@gmail.com Cell:6380166126	Currenty Live	ECE
21.	IRRD Automations	30.09.2021	Dr.S.Ravindra Kumar, Founder and Director, IRRD automations, Second Floor, Aravaimakkal	Currenty Live	ECE

			complex, Covai road, Karur-639002 Email: irrd2k14@gmail.com Cell:9442738085		
22.	ABE Semiconductor and Engineering Designs	10.1.2021	Dr.A.Athif Shah, Chief Executive Officer, ABE Semiconductor and Engineering Designs, 16/B-3 Sundarbans Complex, First Avenue, Ashok Nagar, Hotel SaravanaBhavan Basement, Chennai, 600083 Email: abechennai100@gmail.com Cell: 9655050142	Currenty Live	ECE
23.	New Technology	10.1.2021	Mr.B.Krishnakumar, Director, New Technology, 613, kamarajar Road, Near Singanallur Bus Stand, Coimbatore -641015, Tamil Nadu. Email: newtechcbe15@gmail.com Cell: 9080255557	Currenty Live	ECE
24.	Hutfresh Retails Technologies Pvt Ltd.,	22.09.2021	P.Kavin, Director, Hutfresh Retails Technologies Pvt Ltd., kavin2233@gmail.com Mob:7598129769	Currenty Live	IT
25.	Gateway Software Solutions	29.09.2021	M.Sabarinathan, Executive manager, Gateway Software Solutions gateway.managercbe@gmail.com Mob:7397078885	Currenty Live	CSE
26.	IdealsiteTechnolo gies (NT) Pvt.,Ltd.,	29.09.2021	Mr.R.P.Chandra kumar, Managing Director, IdealsiteTechnologies (NT) Pvt.,Ltd., chandru@idlsite.com Mob:9841833001	Currenty Live	CSE
27.	Designing with me solutions	30.09.2021	Mr.S.Vadivelu, Proprietor, Designing with me solutions	Currenty Live	ECE

			vs@designingwith.me Mob:9600196528		
28.	Krish Tec	30.09.2021	Dr.R.Vimalathithan, Director, Krish Tec director@krishtec.co.in Mob:9843092500	Currenty Live	ECE
29.	Phoenix Tech	30.09.2021	G.Sasikumar, Managing Director, Phoenix Tech phonxtech@gmail.com Mob:9840726225	Currenty Live	ECE
30.	Pantech E- Learning Pvt.,Ltd.,	13.09.2021	Mr.R.Kumarasamy, Managing Director, Pantech E-Learning Pvt.,Ltd., kumarasamy.r@pantechmai l.com Mob:9566133338	Currenty Live	EEE
31.	Sakthi Auto Components Pvt.,Ltd.,	27.11.2021	K.Tamilarasan, Head & HR, Sakthi Auto Components Pvt.,Ltd., Erode Mob: 7339634721	Currenty Live	IT
32.	Erode District Small Industries Association (EEDISSIA)	30.07.2018	Mr. K. Venkatesh, President Mobile: 98431-23535	Currenty Live	Common
33.	Namakkal District Small and Tiny (MSME) Industries Association (NADISTIA)	30.07.2018	Mr. N. Elango, President, Mobile: 9443360058	Currenty Live	Common
34.	Salem Productivity Council	14.09.2018	Mr. Ramanathan, President, Salem Productivity Council	Currenty Live	Common
35.	Seshasayee Paper and Boards Ltd, Erode	27.08.2019	Mr.A.Alagarsamy , Seshsayee Paper and Boards Ltd, Pallipalayam,Namakkal. 04288-240221	Currenty Live	ECE
36.	AICTE – Internshala	24.06.2019	Samy Bhatnagar, Head, University Relations, Internshala.	Currenty Live	CSE

Start-Up & Incubation Details

1. Start – up Details

Name of the Startup	Name and contact details of the founders	About Startup	Kind of support by IIC	UDYAM Registration Number
Elite Tech	Ms.Gopika S P Ms.Harinishrii A M Ms.Amutha M Ms.Isaiyarasi D	Eco-Elite Decomposer	Technical support	UDYAM-TN-01-0022822
Cluck Care	Ms.R.Praveena Ms.K.Tulsi Ms.J.Thiyaavarsini Ms.P.Vijaysri Ms.S.Priyadharshini	Hatch Hug	Technical support	UDYAM-TN-20-0151241
Harvo	Ms.Indhu S Ms.Hemalatha N Ms.Dharshini C Ms.Abhidha D	Preserves	Technical support	UDYAM-TN-14-0071367
Innigo.Solutions	Ms.Aishwarya M Ms.Mouleshwari V Ms.Chaithra B Ms.Abinaya V	Smart Technology	Technical support	UDYAM-TN-20-0151276
CEBO	Ms.S.Monisha Ms.G K.Madhurita Ms.K.Kanishka Ms.M.Nandhini	Ceiling Genie	Technical support	UDYAM-TN-07-0099144
Pyropilots	Ms.Brundha G Ms.Abirami R Ms.Arulmozhi R Ms.Gayathri K	Drones	Technical support	UDYAM-TN-22-00761107
BR Tronical Hub PVT LTD	Mrs. Rithika Chandran	Manufacturing of Special Purpose Machineries and LED lights & bulbs	Technical support	UDYAM-TN-14-0004429
Veerana Projects and Software Developments	Mr.S.Vinoth Kumar	Manufacturing of Industrial Automation Company	Technical support	UDYAM-TN-14-0047618
Enzoic wellness	Deepika B	Manufacturing of Organic Products	Technical support	UDYAM-TN-14-00047615
Happyart_sri_	Sri Yazhini	Manufacturing of Art	Technical support	UDYAM-TN-19-0022082

2. Academic Courses

Title	Course code	Academic Year	Type of Course	Level of the Course	Course offering department/Centre /Unit Name
Design Thinking	U23GE102	2023-24	Core Course	Bachelor	VCEW
Programming for Problem Solving Laboratory	U23CS102	2023-24	Core Course	Bachelor	CSE,ECE,EEE,IT,BIO TECH,,BME,CST
Entrepreneurial Mindset and Creativity	-	2023-24	Elective Course	Bachelor	VCEW
Product Development and Commercialization	-	2023-24	Elective Course	Bachelor	VCEW

3. Incubation Units

Incubation Unit Name	Incubation Incharge Name	Incubation Incharge Email	Incubation Incharge Phone	Funding Agency/ Schemes Available
VCEW EDC CELL	Mrs. A. Thamaraiselvi	9994719674	thamaraiselvi@vcew.ac.in	DST/NSTEDB/NIDHI,MS ME,Own Resource,Other Central/State Government
Vivekanandha Innovation Centre	Dr. KCK. Vijayakumar	9443734562	principal@vcew.ac.in	Own Resource

4. Pre Incubation Units

Type	Pre-Incubation Unit Name	Pre-Incubation Incharge Name	Pre-Incubation Incharge Email	Pre-Incubation Incharge Phone	Website Url
AICTE-IDEA Lab	VCEW AICTE IDEA LAB	Dr. C. Poongodi	ithod@vcew.ac.in	9843560116	http://vcengg.ac.in/idea_lab.html

IEDC	VCEW IEDC Cell	Dr. N.Mohanapriya	mohanapriya@vcew.ac.in	9487087799	http://vcengg.ac.in/iedc.html
Start-Up Cell	VCEW Startup Cell	Dr. C. Poongodi	ithod@vcew.ac.in	9843560116	http://vcengg.ac.in/startup.html

5. IPR & TTO Centres

Type	Facility Name	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Website Url
IPR Cell	VCEW IPR CELL	Dr.M.Murugan	research@vcew.ac.in	7010989382	http://vcengg.ac.in/aca_iprcell.html

Testimonial From IIC Members

Dr. KCK. Vijayakumar (President IIC)

Greetings!

As the President of IIC, I am delighted to advance innovation by encouraging students to gain practical experience in their chosen fields and by establishing platforms that nurture their growth as dynamic individuals. Through participation in IIC events, students have the opportunity to explore emerging technologies and stay updated on business concepts, helping them turn their ideas into reality.

Dr.T.Manikandan (Vice President IIC)

As the Vice President of IIC, I am excited to see our performance improving day by day. Our institution consistently supports students in innovation and entrepreneurship activities. In my free time, I meet with student committee members to encourage them to become job creators.

Ms.S.Sharmila (Convener)

As the convener of the IIC at Vivekanandha College of Engineering for Women, I have gained valuable perspectives on entrepreneurship, innovation, intellectual property rights, and start-ups through IIC activities. I am committed to initiating and supporting both faculty and students in their innovation efforts.



Estd. 2001

VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN

[Autonomous]



Prof. Dr. M. Karunanithi
CHAIRMAN & SECRETARY



INSTITUTION'S INNOVATION COUNCIL



MENTOR MENTEE PROGRAM ANNUAL REPORT 2023-2024

About The Institution

Vivekanandha College of Engineering for Women (VCEW) is autonomous; self-financing engineering college approved by AICTE and affiliated to Anna University. VCEW was founded by a Philanthropist Prof.Dr.M.Karunanithi, in the year 2001 with the vision of providing technical education for rural women. It is accredited by NBA Tier I (BT, CSE, EEE, ECE & IT), NAAC with A++ Grade, and Tata Consultancy Services (TCS). The Institution is marching towards excellence under the able guidance of Prof.S.Kuppuswamy, a well-known academician in the field of technical education for the past four decades. He is a former Pro-Vice-Chancellor of Pondicherry University and an expert member in various academic bodies like UNIDO, UNESCO, MHRD, UGC, AICTE, NBA & NAAC. The College offers seven UG (CSE, EEE, ECE, BME, CST, IT & BT), four PG (CSE, PSE, VLSI & IT), and four Research Programmes in the departments of CSE, EEE, ECE & Chemistry. The Institution is equipped with the state of the art laboratories and e-learning centers like Digital Class Rooms, Digital Library, and AV halls for effective knowledge transformation. VCEW is the recipient of the National Award for the "Best Women Engineering College in India" awarded by the Indian Society for Technical Education (ISTE), New Delhi during the year 2018 and "Engineering Education Excellence Award" by The Institution of Engineers (India) during the year 2022.

Mentor Institute College Name



VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN

(Autonomous)

IIC ID: IC201811616

Coordinator Details



Dr. KCK. VIJAYAKUMAR, M.E., Ph.D., F.I.E.,
Principal,
President.

Dr. T. Manikandan, M.E., Ph.D.,
ASP/ECE,
Vice - President.



Duration

Mentor-Mentee Program 2023 – 2024

No of Mentee Institutions

5

Our Mentee Institutions Name

Mentee Institutions College Name



**Swamy Vivekanandha
College of Pharmacy**



**Vivekanandha College of
Technology for Women**



**Vivekanandha Arts and Science
College for Women**



**Vivekanandha College
Pharmacy for Women**



**SSM Institute of Engineering
and Technology**

List of Activities Conducted

- * 1. Orientation & Mentoring Sessions
- * 2. Quarterly Progress Meetings
- * 3. Organise IIC Calendar Activity
- * 4. I & E Training & Exposure Visit
- * 5. Progress Monitoring
- * 6. Guidance
- * 7. Handholding Support.

I. Activities

Orientation & Mentoring Session

1 Title: Orientation & Mentoring Sessions

Date: 11.05.2024

Resource Person: 1. **Dr. T. Manikandan, ASP/ECE,**

Innovation Head /VCEW.

2. **Mrs. C. Rithika, AP/ECE,**

IIC Convener/VCEW



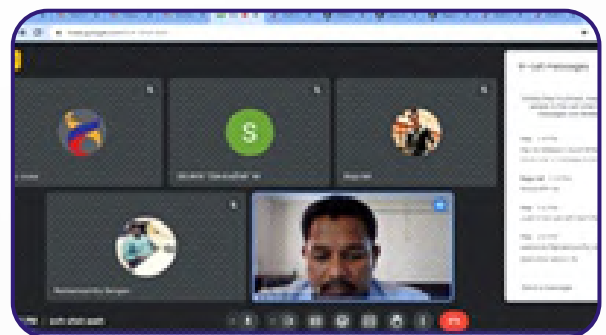
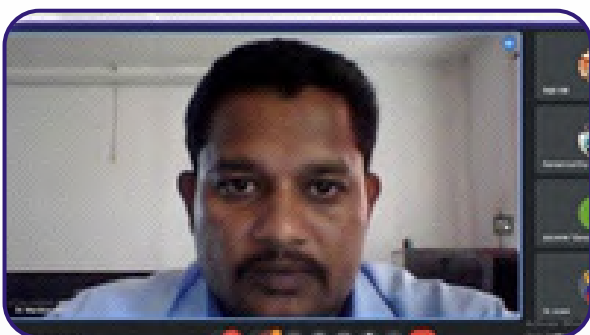
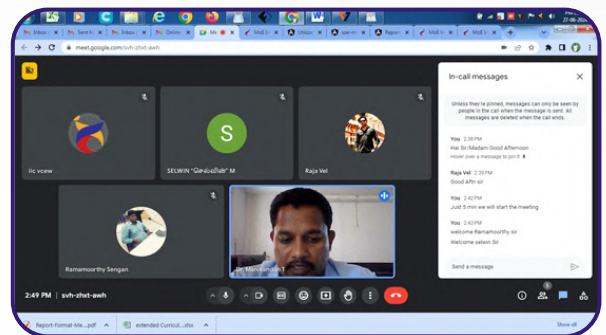
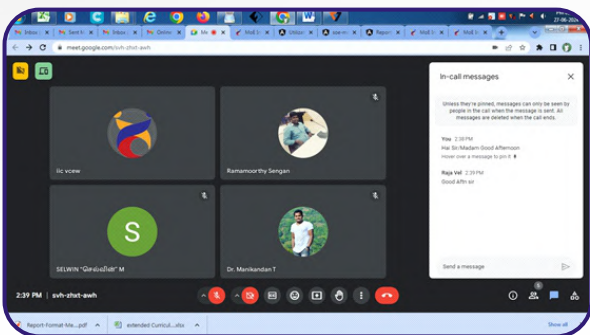
Points

- * To discuss the action plan of Quarter III and Quarter IV IIC Activities
- * Reviewing the IIC Activities of previous Quarter
- * Discussed detailed updates on their respective innovation projects
- * Discussions focused on the mentee institutions how to conduct IIC activities.

2 Title: Quarterly Progress Meetings

Date: 27.06.2024

Resource Person: 1. **Dr. T. Manikandan, ASP/ECE,**
Innovation Head /VCEW.



Points

- * To discuss the upcoming activities by Mentor Institutions
- * We discussed how mentor institutions can collaborate with our institution for upcoming activities.

Calendar Activity

1 Title: IIC Calendar Activity - Innovation into Prototype using Design

Thinking

Date: 26.07.2024

Resource Person: 1. **Dr. T. Manikandan, ASP/ECE,**
Innovation Head /VCEW.



VIVEKANANDHA
ARTS AND SCIENCE COLLEGE FOR WOMEN
(An ISO 9001:2015 Certified Institution),
(Recognised under section 2(f) and 12(B) of the UGC Act, 1956)
(Affiliated to Paripattar University, Salem)
VEERACHIPALAYAM, SANKAGIRI, SALEM

INSTITUTION INNOVATION COUNCIL
Organise a guest lecture

**INNOVATION INTO PROTOTYPE
USING DESIGN THINKING**

July 26
2024
10 AM - 12.30 PM

VIAAS
SEMINAR HALL

Dr P Manikandan
Head, Innovation
Vivekanandha College of
Engineering for Women,
Trichengode

DR. B. T. SURESH KUMAR
DIRECTOR - IQAC

DR. V. SHANMUGARAJU
PRINCIPAL

Points

- * The objective provide a comprehensive overview of Design Thinking principles and how they foster creativity and user-centric solutions
- * Demonstrate techniques for empathizing with users to uncover their needs and problems, which the innovation aims to solve.

2 Title: Accelerators/Incubation-Opportunities for students and faculties – Early Stage Entrepreneurs

Date: 29.07.2024

Resource Person: 1. **Mr. R. Anandasivaraj,**
Manager (IP & Technology Transfer),
AICTE Indovation Centre, Chennai.



VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
[Autonomous]

Institution's Innovation Council
&
AICTE IDEA Lab

Cordially Invite you for
Session on
**Accelerators/Incubation - Opportunities for
students and Faculties - Early Stage Entrepreneurs**

Resource Person
R. Anandasivaraj
Manager (IP & Technology Transfer),
AICTE Indovation Centre,
Chennai.

Date : 29.07.2024
Online Mode (11.00 AM to 12.00 PM)

Points

- * Explain the aim of the report, emphasizing the importance of accelerators and incubators for early-stage entrepreneurs, students, and faculties
- * Highlight the main differences between accelerators and incubators in terms of structure, support, and objectives.

3 Title: How to Plan for Start-up: Legal and Ethical Steps.

Date: 06.08.2024

Resource Person: 1. **Dr. N. Magendiran, Prof/CST**

IIC Coordinator & Innovation Ambassador,
VCEW.



Points

- * Summarize the purpose of the analysis, stressing the value of ethical and legal preparation for new businesses
- * Outlining roles, responsibilities, and equity distribution.
- * Explain the methods used to gather information (e.g., literature review, interviews, surveys).

I & E Training & Exposure Visit

1 Title: Day 1 – Innovation and Entrepreneurship Exposure Visit

Date: 14.08.2024

Resource Person: 1. **Dr. T. Manikandan,**

Head/Innovation,VCEW.

2. **Mr. U. M. Saravanan,**

Tech Guru, AICTE IDEA Lab,VCEW.

3. **Mr. S.Tamilvanan,**

Tech Guru, AICTE IDEA Lab,VCEW.



VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
[Autonomous]

Institution's Innovation Council
&
AICTE IDEA Lab

MENTOR MENTEE INSTITUTION SCHEME

Vivekanandha Arts and Science College for Women (VIAAS)
Veerachipalayam, Sankari
Students

**Innovation and Entrepreneurship
Exposure Visit**

on 14.08.2024 @ 10.30 AM. to 3.00 PM.
Venue: AICTE IDEA Lab@VCEW

Points

- * The objectives of this session enhanced understanding of different entrepreneurial ecosystems among students, including how entrepreneurs engage with investors, mentors, and other important players to development and innovation

- * Allowed participants a chance to see how entrepreneurial ideas and concepts are put to use in actual situations to show how theoretical knowledge is put to use.

2 Title: Day 2 - Innovation and Entrepreneurship Exposure Visit

Date: 17.08.2024

Resource Person: 1. **Dr. T. Manikandan,**

Head/Innovation,VCEW.

2. **Mr. U. M. Saravanan,**

Tech Guru, AICTE IDEA Lab,VCEW.



VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN
 [Autonomous]

Prof. Dr. M. Karunanithi
 CHAIRMAN & SECRETARY

INSTITUTION'S INNOVATION COUNCIL
 &
 AICTE IDEA Lab

MENTOR MENTEE INSTITUTION SCHEME

Vivekanandha Pharmacy College for Women
 Veerachipalayam, Sankari
 Students

**Innovation and Entrepreneurship
 Exposure Visit**

on 17.08.2024 @ 09.30 AM. to 3.30 PM.
 Venue: AICTE IDEA Lab@VCEW

Points

- * The objectives of this session exposed students to cutting-edge inventions and business techniques to foster original thought and creativity
- * Introduced students to the latest trends and technologies shaping the industry.

Feedback from Mentee Institute

1.



**Swamy Vivekanandha
College of Pharmacy**

- * Our institute has benefited from the valuable communication and guidance provided by the mentor institute
- * Highlight the mentor institute's strengths and areas for improvement.

2.



**Vivekanandha College of
Technology for Women**

- * The mentor institute has been supportive in overcoming challenges during the mentorship and has offered ample opportunities for collaboration, such as joint projects and events between our institutes.

3.



**Vivekanandha Arts and Science
College for Women**

- * The mentor institute has been flexible in adapting its approach to meet the specific needs and challenges of our institute, customizing its support to address our unique requirements

4.



**Vivekanandha College
Pharmacy for Women**

- * The mentor institute provided guidance that was relevant and effective in addressing the challenges faced by our institute
- * Additionally, the workshops offered were sufficient to meet our needs.

5.



**SSM Institute of Engineering
and Technology**

- * We are really grateful to be a mentee of your institution
- * Thanks a lot for your continuous support and guidance.

VIVEKANANDHA EDUCATIONAL INSTITUTIONS



"Vidhya Rathna"

Prof. Dr. M. KARUNANITHI, B.Pharm., M.S., Ph.D., D.Litt.,
Chairman & Secretary

TIRUCHENGODE CAMPUS

- ★ SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
- ★ VIVEKANANDHA DENTAL COLLEGE FOR WOMEN
- ★ SWAMY VIVEKANANDHA COLLEGE OF PHARMACY
- ★ VIVEKANANDHA COLLEGE OF NURSING
- ★ VIVEKANANDHA SCHOOL OF ANM
- ★ SWAMY VIVEKANANDHA PHYSIOTHERAPY COLLEGE
- ★ VIVEKANANDHA ALLIED HEALTH SCIENCE COLLEGE (Co - Ed)
- ★ KRISHNA INSTITUTE OF OPTOMETRY AND RESEARCH
- ★ KRISHNA INSTITUTE OF HEALTH SCIENCE & RESEARCH (Boys)
- ★ KRISHNA INSTITUTE OF HEALTH SCIENCE (Boys)
- ★ VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN (Autonomous)
- ★ VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN
- ★ VIVEKANANDHA INSTITUTE OF INFORMATION AND MANAGEMENT STUDIES
- ★ VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (Autonomous)
- ★ VIVEKANANDHA COLLEGE FOR WOMEN
- ★ VIVEKANANDHA COLLEGE OF EDUCATION FOR WOMEN
- ★ KRISHNA COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA VIDHYA BHAVAN MATRIC HIGHER SECONDARY SCHOOL
- ★ VIVEKANANDHA MEDICAL CARE HOSPITAL (VMCH)

SANKAGIRI CAMPUS

- ★ SWAMY VIVEKANANDHA NATUROPATHY AND YOGA MEDICAL COLLEGE (Co-Ed)
- ★ VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- ★ VIVEKANANDHA PHARMACY COLLEGE FOR WOMEN
- ★ VIVEKANANDHA ANM SCHOOL
- ★ VIVEKANANDHA INSTITUTE OF HEALTH SCIENCE (Boys)
- ★ RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- ★ VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN

Tiruchengode - 637 205, Namakkal Dt., Tamil Nadu.

Sankagiri - 637 303, Salem Dt., Tamil Nadu.

Mobile : 94437 34670, 99655 34670, 94425 34564, 97888 54417

Website : www.vivekanandha.ac.in

Email : vivekaadmission@gmail.com