



# VIVEKANANDHA

## COLLEGE OF ENGINEERING FOR WOMEN

[ Autonomous ]

[www.vcenggw.ac.in](http://www.vcenggw.ac.in)



Prof. Dr. M. KARUNANITHI  
Chairman & Secretary

# NEWSLETTER

## 2022-2023

Dec-May  
(Even Sem)

Volume-III Issue-VI



# ZealTech 2k22

Volume-I Issue-II

## DEPARTMENT OF INFORMATION TECHNOLOGY

### VISION

Providing quality education to transform students into technically competent skilled women to excel in IT profession, innovation and entrepreneurship.

### MISSION

- ✦ To empower knowledge on cutting-edge technologies in the field of Information Technology to develop innovative solutions for real-world problems.
- ✦ To create a platform for innovation, research and new technology development
- ✦ To inculcate ethical practices, life-long learning and sense of societal responsibilities to support the career and personal development of the learners.

### 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 (CSE,EEE,IT & BT). The Institution is marching towards excellence under the able guidance of Prof.S.Kuppuswami, 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 expert member in various academic bodies like UNIDO, UNESCO, MHRD, UGC, AICTE, NBA & NAAC. The College offers seven UG(CSE,EEE,ECE,IT,BT,BME & CST), four PG(CSE,PSE,VLSI&IT), and four Research Programmes in the department of CSE,EEE,ECE& Chemistry. The Institution is equipped with the state of the art laboratories and e-learning centres 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



#### *Institute Vision*

To impart value based education in Engineering and Technology to empower young women to meet the societal exigency with a global outlook.

#### *Institute Mission*

- ✦ To provide holistic education through innovative teaching-learning practices
- ✦ To instill self confidence among rural students by supplementing with co-curricular and extra-curricular activities
- ✦ To inculcate the spirit of innovation through training, research and development
- ✦ To provide industrial exposure to meet the global challenges
- ✦ To create an environment for continual progress through lifelong learning

#### *Quality Policy*

Committed to provide quality education with well equipped infrastructure to all the rural women within their means concerning only to attain the pinnacle of women empowerment

### ABOUT THE DEPARTMENT

#### Welcome to the Department of Information Technology

- ▶ The Department of Information Technology was established in the year 2001. During the inception the intake was 45. Intake was increased to 60 in 2004. The Department is offering UG (B.Tech., IT) and PG (M.Tech., IT) courses. The department is accredited by NBA. The primary goal of our department is to provide best IT infrastructure, learning & research environment, adopt industry practices through industry collaborations and inculcate moral and ethical values.
- ▶ The Department has well experienced faculty members with specialization in Data Mining, Computer Networks, Network Security, Cyber Security, Big Data Analytics, Image Processing, Artificial Intelligence, Cloud Computing and Inter of Things.
- ▶ The department concentrates in imparting value based education and reach for the highest levels of intelligence in all works of life and to provide individual attention and to give more room for research and industrial interaction. The Department has a separate library with the collection of more than 2600 books for exclusive use of faculty and students.

#### FROM THE HOD'S DESK



**Dr.S.Radha B.E.,M E., Ph.D.,**

**Associate Professor & Head,**

**Vivekanandha College of Engineering for Women.**

It gives me great joy to address you through this newsletter. The Department of Information Technology is dedicated to providing quality education and preparing students for the fast-growing world of technology. We encourage learning, innovation, and teamwork so that our students can excel in areas like Artificial Intelligence, Cybersecurity, Data Science, and Cloud Computing.

I appreciate the hard work of our faculty and students in making the department active and vibrant. Let us continue to learn, share knowledge, and move forward together towards a bright future.

**EDITORIAL**

**Patron:** Prof. Dr. M. KARUNANITHI, Chairman & Secretary  
**Advisory Board:** Dr. S. RADHA, HoD/IT  
**Editorial Board:** Mrs. R. LOGAMBAL, AP/IT  
Mrs. S. ANANDHI, AP/IT  
Mr. B. GOUTHAM, AP/EEE  
**Students Coordinators:** Ms. K.V. REKHA, IV Year IT  
Ms. J. MADHUMITHA, III Year IT

**Offices Bearers of**  
**ZealTech-2k22**  
**for the Academic year 2022- 2023**



**SARUMATHI.S**  
Secretary  
IV Year



**MONISHA. S**  
Joint Secretary  
III Year



**REKHA.K.V**  
Treasurer  
IV Year



**MADHUMITHA.J**  
Joint Treasurer  
III Year



**ABIRAMI. R**  
Executive Member  
IV Year



**RAJALAKSHMI.S**  
Executive Member  
IV Year



**HARINI.M**  
Executive Member  
III Year



**YAMINI ARUNA**  
Executive Member  
III Year



**MAHALAKSHMI. R**  
Executive Member  
II Year



**SIVAPRIYA.M**  
Executive Member  
II Year

## DEPARTMENT ACTIVITIES



Inter Department Symposium on 31.01.2023



Motivational Talk by Ms. S.Hemavathi, Focus Edumatics, Online Trainer, Chennai on 22.02.2023



Two days hands on training on "Mobile Application Development" by Mr. S. Vinoth Kumar, Managing Director Mr. Y. Indrajith, Mr. N. Divagar, Veerana Projects, Kumaramangalam on 15.02.2023 & 16.02.2023



Opening Ceremony of "AI Skills lab and Guest Lecture on "Artificial Intelligence" by Vivekanand Manjari, Category Leader, Dell Technologies on 02.03.2023



Hands on Training on "FIGMA" by Mr. Jayasurya Gnanavel, IV year SRM University on 08.03.2023



Workshop on "Cloud Infrastructure in AWS" by Mr. G. Aravindraaj, Senior Technical Trainer, N Minds Academy on 05.04.2023



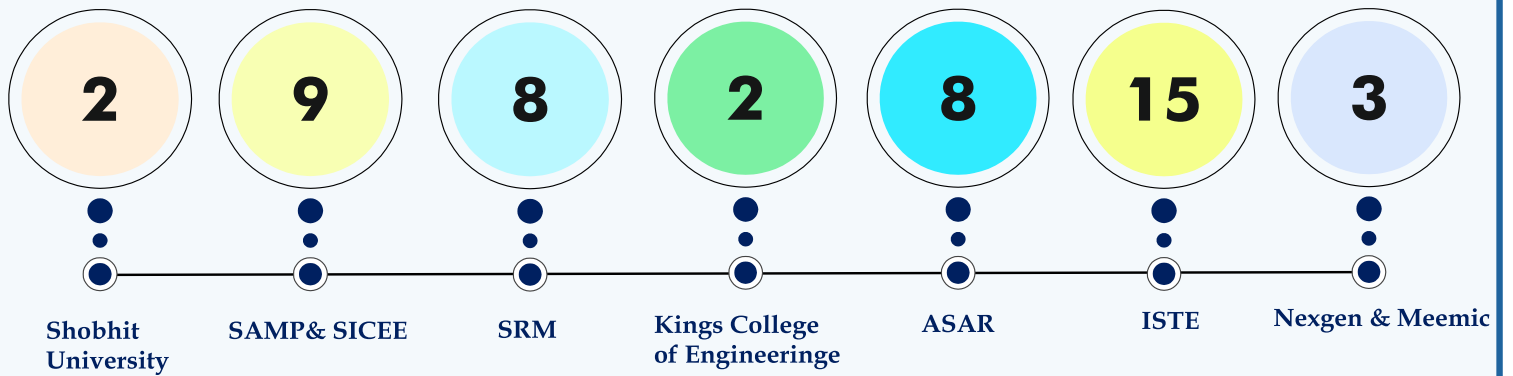
Two days workshop on "Multimedia tools and Technologies by Ms. Priya Velayutham, CFO & Co-Founder & CIO, Mr. Murugesan Selvaraj, Junior Webdeveloper and Mr. D. Chandrasekar, Junior Webdeveloper on 12.04.2023

## **STUDENT PARTICIPATION**

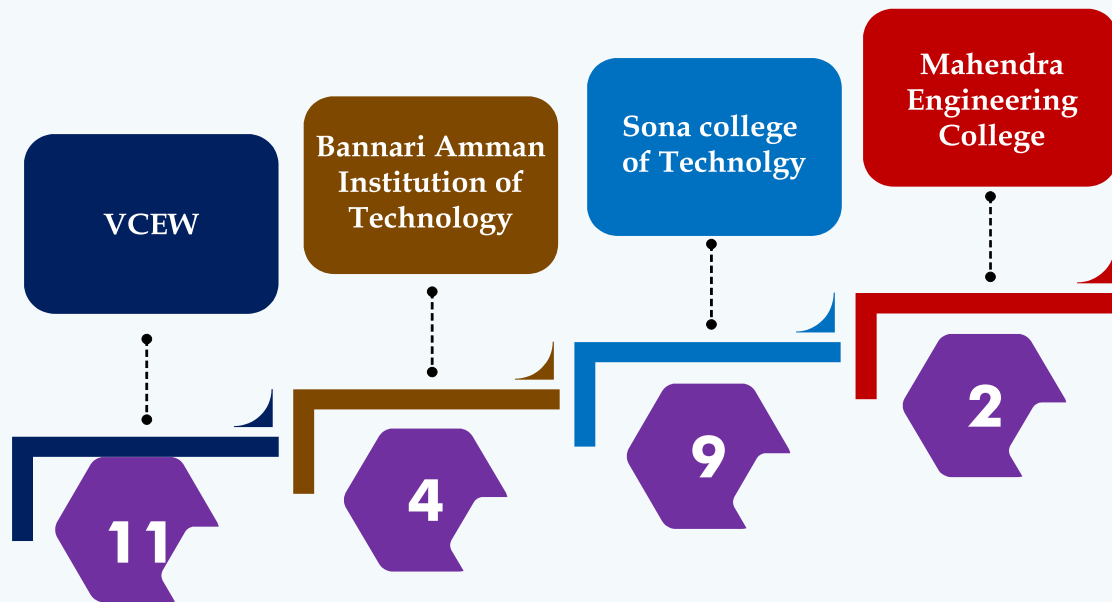
### **Workshop Attended**



**Conference:**



**Paper Presentation:**



**Webinar:**



## Idea Presentation:

6

M.Kumarsamy college of engineering

1

PALS

## Project Presentation:



( S.Kaviya, Subi Nikitha.S, Raja Lakshimi.S, Rekha.K.V-IV IT)

## Journal:

S.No	Name	Year	Volume/Issue	Journal Name	Name of the event
1	M.Pooja	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
2	R.Abirami	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
3	S.R.Susmitha	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
4	G.Suvetha	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
5	C.Bharathi	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
6	B.Ramyadevi	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
7	S.Deepika	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
8	P.Abinaya	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
9	R.Sindhu Dharshini	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal

S.No	Name	Year	Volume/Issue	Journal Name	Name of the event
10	M.Sangavi	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal
11	P.Malathi	IV	Volume 9, Issue 4, April 2023	IJSART/ 2395-1052	Journal

## **FACULTY PARTICIPATION**

### **NPTEL:**



**Name:** Ms.C.Visali

**Topic:** Emotional Intelligence

**Grade:**Elite

### **Seminar-Attended by Faculty :**

S.No.	Name of the faculty	National / International	Date	Topic	Name of the college
1.	Ms.T.Haritha	International	22-04-23	Role of Branding for a Professional Society	BVICAM
2.	Ms.S.Radha	International	18-04-23	Insight into Research Publication	EEE, University Tun Hussein Onn Malaysia
3.	Mr.E.Thangadurai	International	18-04-23	Insight into Research Publication	EEE, University Tun Hussein Onn Malaysia
4.	Ms.R.Logambal	International	18-04-23	Insight into Research Publication	EEE, University Tun Hussein Onn Malaysia
5.	Ms.T.Haritha	International	18-04-23	Insight into Research Publication	EEE, University Tun Hussein Onn Malaysia

## INFORMATION TECHNOLOGY

S.No.	Name of the faculty	National / International	Date	Topic	Name of the college
6.	Ms.S.Merena	International	18-04-23	Insight into Research Publication	EEE, University Tun Hussein Onn Malaysia
7.	Ms.T.Haritha	International	21-01-23	Robotics Process Automation	BVICAM, New Delhi
8.	Ms.T.Janani	International	21-01-23	Robotics Process Automation	BVICAM, New Delhi
9.	Ms.T.Haritha	International	07-01-23	AI in Electrical Power Systems	BVICAM, New Delhi
10.	Ms.T.Janani	International	07-01-23	AI in Electrical Power Systems	BVICAM, New Delhi

### Conference-Attended by Faculty :

S.No.	Name of the faculty	National / International	Date	Topic	Name of the college
1.	Ms.S.Radha	International	26.04.2023	Grievance Management System	Sengunthar Engineering College
2.	Ms.T.Janani	International	21.042023	Disease Prediction and Fertilizer Recommendation System	Shobhit University, UP
3.	Ms.S.Radha	International	19.04.2023	Early Stage Detection of Lung Cancer using Machine Learning Algorithms	ASAR
4.	Ms.S.Ananthi	International	19.04.2023	Slot Prediction And Booking System For Electric Vehicle Charging System	SRM Institute of Science & Technology
5.	Ms.S.Ananthi	International	19.04.2023	Student Event Management System	Hindustan Institute of Technology, Coimbatore
6.	Ms.T.Haritha	International	2023	Bi Directional passing people counting system	SAMP

## INFORMATION TECHNOLOGY

S.No.	Name of the faculty	National / International	Date	Topic	Name of the college
7.	Ms.C.Visali	International	19.04.2023 & 20.04.2023	Intelligent Shopping Cart	Hindusthan Institute of Technology
8.	Ms.R.Logambal	International	19.04.2023 & 20.04.2023	Internal Question Paper Generated System using Python	Hindusthan Institute of Technology
9.	Ms.R.Logambal	International	08.04.23 & 09.04.23	Face Detection based voting	Kings College of Engineering, Thanjavur

### Faculty Development Programme :

S.No.	Name of the faculty	Date	Topic	Name of the college
1.	Ms.C.Visali	30.03.2023	Emotional Intelligence	NPTEL –IIT Kharagpur
2.	Ms.S.Merena	02.02.2023 – 17.02.2023	Digital teaching techniques under R-Systems Women	ICT Academy
3.	Ms.T.Haritha	02.01.2023 – 06.01.2023	Fundamentals of data science and analytics	PSG Institute of Technology and applied research

### Placed Students details:



# 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
- ★ 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
- ★ RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- ★ VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN



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