June – December 2023

TACTIC TECH

ODD Semester Newsletter

INFORMATION TECHNOLOGY

P.S.V

College of Engineering and Technology

Institution Vision and Mission

Vision

To be recognized at national level for quality technical education with ethics supported by research leading to produce innovative, entrepreneurial, and successful engineers

Mission

- To provide state of the art education with strong Engineering basics and managerial skills

- To develop students with good Engineering skills for designing and developing solutions to cater the need of industries and society

- To develop the institute as a Hub, working constantly in chase of brilliance in Engineering education, Research and technology transfer to the Industries and society at a large

- To inculcate qualities required for becoming a good entrepreneur

Department Vision and Mission

To facilitate high quality education in Information Technology and a progressive atmosphere to the students so that they can fit into the competitive atmosphere in the global market.

M1 To provide a learning ambience to enhance innovations, problem solving skills, managerial qualities, team-spirit and ethical responsibilities

M2 To provide exposure to latest tools and technologies in the area of Information Technology

M3 To support society by participating in and encouraging technology transfer

M4 To undertake collaborative learning which offers opportunities for long term interaction with academia and industry

Contents

Publications:

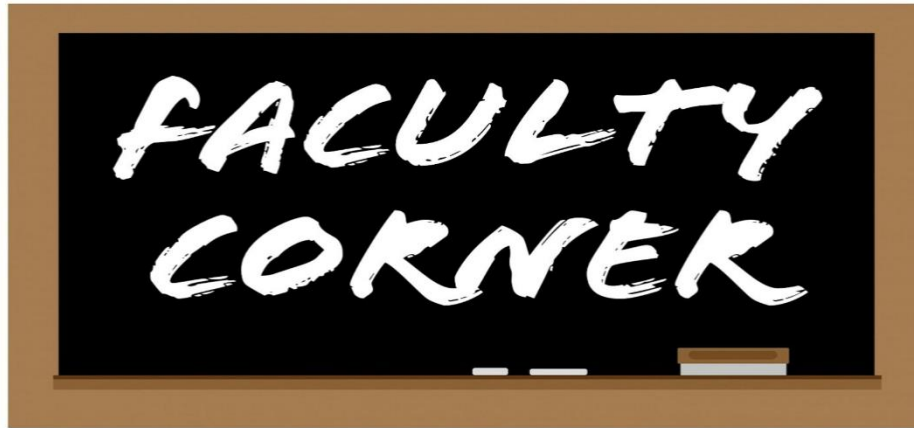1. **Dr.M.Srinivasan** published a paper on **Energy Efficient Routing Using Support Vector Machine in Wireless Sensor Network** in IJISAE, 2024

2. **Mrs.N.Nandhini** published a paper on **Deep Learning Based Brain Tumor Analysis with Manual Layer Selection** in IJISAE, 2024

NPTEL COURSE COMPLETION:

Mrs.N.Nandhini

completed the course

Problem Solving Through

Programming in C

Mrs.V.Uma Maheshwari

completed the course Big

Data Computing

Student's Corner

Awards / Prizes received from other colleges:

Students Arul R, Mathivanan M, Poovarasan S, DhineshKumar M from Third year won second prize for the Project presentation organized by PMC Tech, Hosur.

Moovin Natesh from final year won Best Project Award in Naan Mudhalvan from Chief Minister.

Students Pradeep.S, Dinesh Kumar.S, Kishore.R from Third year participated in KGI Cyber Crat 2K23- Hackathon organized by Krishnagiri Police- Cyber Crime wing.

NPTEL COURSE COMPLETION:

Malarmegha.S from third year completed the course Big Data Computing with Elite + Gold

Abishek.M from third year completed the course Introduction to Machine Learning (Tamil)

Deepa.M from third year completed the course The Joy of Computing Using Python

EVENTS ORGANIZED:

- Workshop "Cyber Security Tools" conducted from 23.08.2023 to 24.08.2023.
  Resource Person:
  Dr.B.Ezhilavan,
  Founder & CEO,
  VEI Technologies Pvt. Ltd., Chennai.

- Seminar "Deploying Dynamic Web Applications on the AWS Cloud" conducted on 01.09.2023.
  Resource Person:
  Mr.G.Raju,
  Apollo Computer Education Ltd., Hosur.

- Seminar "Applications of Power BI" conducted on 09.12.2023.
  Resource Person:
  Mr.Sivaraj Napolean,
  ICT Academy.

NEW FACULTIES

Mr.R.Kumaran, M.E.,

Mrs.V.Uma Maheshwari, M.E.,
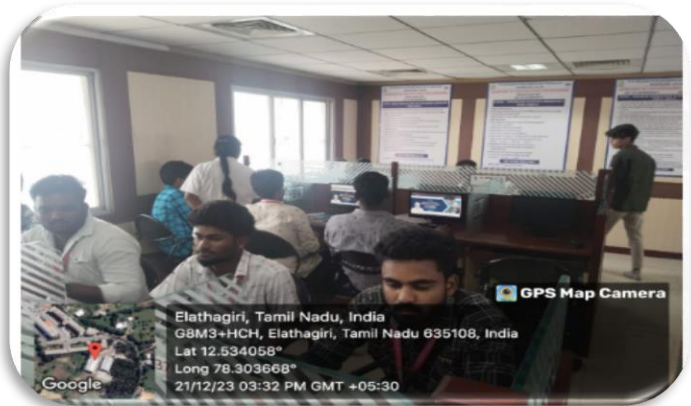
Mrs.S.Shruthi, M.E.,

facilities

➕ Hands on Training on SELENIUM AUTOMATION TOOL

The training was aimed to provide knowledge about the selenium automation tools. The Resource person discussed about Multi-Browser Support, Performance and Speed, test web applications about various web browsers

➕ Hands on Training on PERL.

The training was aimed to provide knowledge about the Perl. It is intended to complement, rather than replace, other Perl resources, such as published texts, reference books, on-line tutorials, and discussion groups. Perl is used for Project and research purposes. To learn about the Perl effects and features.

➕ Hands on Training on META AR DEVELOPER

The training was aimed to provide knowledge about the Meta AR effects. The resource person discussed about *augmented reality* (*AR*) and virtual reality (VR), Meta AR effects. To learn about the Meta AR effects of features.