

## ABOUT THE INSTITUTION

PAVAI ENGINEERING COLLEGE was started in the year 2001 and promoted by PAVAI VARAM EDUCATIONAL TRUST with the basic principle of providing purposeful, goal oriented technical education and establishing a center of excellence in Engineering & Technology. The college is approved by AICTE, Accredited by NBA and NAAC with 'A' Grade & Affiliated to Anna University, Chennai. The college has 17 UG Programmed and 7 PG programmes, It also has the vision to strive to be a globally model institution all set for taking 'lead-role' in grooming the younger generation socially responsible and professionally competent to face the challenges ahead. It has obtained research grants from AICTE, TNSCST and other funding agencies. The college attracts outstanding students by virtue of its discipline, modern infrastructure, Library and faculty.

## ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2001, offering B.E-ECE and M.E-Communication systems (2013). The UG programme is thrice accredited by NBA, New Delhi and permanently affiliated to Anna University, Chennai. The department promotes R & D activities in related areas in collaboration with the industries. The department is enriched with state-of-the-art lab equipment in Circuits lab, R&D lab, VLSI lab, Communication systems lab, embedded lab, Networks lab. The faculty members are well experienced and dedicated towards the upliftment of the student community. The students are exposed to the practical and industrial aspects of the subjects through laboratory works, Industrial visits and Internship trainings

## SCOPE & OBJECTIVE OF THE FDP:

The main objective of this Faculty Development Programme is to focus on technical innovations which represent progressive developments within a field for converging technologies and to develop the knowledge in the aspect of Electronics and Telecommunication Engineering in various fields.

### Course Contents:

- Introduction to Machine learning, Applying Machine learning Technique for Image Processing
- Machine and Deep learning for Signal Classification
- Machine Learning Algorithm for WSN
- Deep Learning based Real Time Video Processing
- Modes and Benefits of Green Transportation
- Machine learning in Image & Video Processing

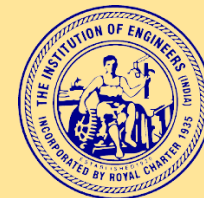
### Instructions:

The interested faculty are asked to fill the online Google registration form. Also join in the WhatsApp group for further communication until the end of FDP. Join the virtual meeting through Microsoft Teams on time (as per the class routine).

### LINKS:

Registration Link : <https://forms.gle/8ARoXD7U9ZFHQ7Wy8>

Meeting Link : <https://bit.ly/3NI2wg1>



## SIX DAYS FACULTY DEVELOPMENT PROGRAMME

in association with

**The Institution of Engineers (India)**

Salem Local Centre, Salem.

On

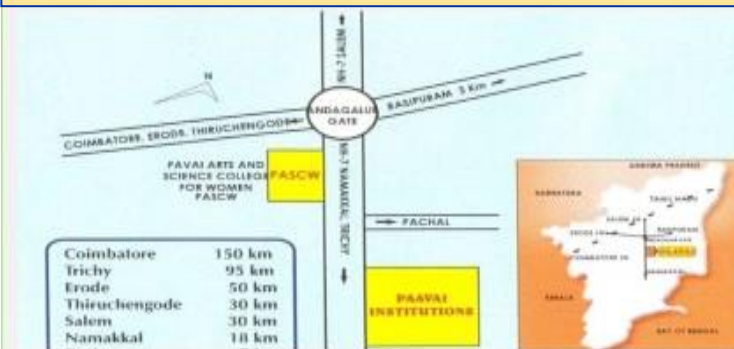
## “RECENT ADVANCEMENTS AND APPLICATIONS OF DATA SCIENCE”

27<sup>th</sup> JUNE - 02<sup>nd</sup> JULY 2022

Organized by

**Department of  
Electronics and Communication Engineering**

**PAVAI ENGINEERING COLLEGE  
(Autonomous)**



## ORGANIZING COMMITTEE

### CHIEF PATRONS

Shri. CA. N. V. NATARAJAN,  
Chairman, Paavai Institutions, Namakkal.  
Smt. MANGAI NATARAJAN,  
Correspondent, Paavai Institutions, Namakkal.

### PATRONS

Dr. K. K. Ramasamy, M.E., Ph.D.,  
Director-Admin, Paavai Institutions, Namakkal  
Dr. M. Premkumar, M.E., Ph.D.,  
Principal, Paavai Engineering College,  
Namakkal.

### CONVENOR

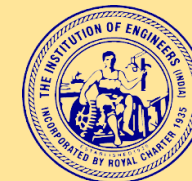
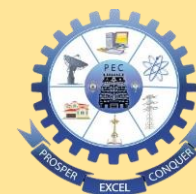
Dr. M. Sudha, Professor and Head, ECE  
Paavai Engineering College, Namakkal

### FACULTY COORDINATORS

1. Mr. S.Vijaymurugan, ASP, ECE
2. Mrs.S.Usha, AP, ECE
3. Mr.S.Loganathan, AP, ECE
4. Mr.S.Satheesh Kumar, AP, ECE

## SPEAKERS:

Date	Title	Resource Person
27.06.2022	Introduction to Machine learning, Applying Machine learning Technique for Image Processing	Dr.S.V.Kogilavani ASP / AI Kongu Engineering College, Perundurai, Erode
28.06.2022	Machine and Deep learning for Signal Classification	Dr.S.Sridevi, ASP / ECE Vel Tech Institute of Science & Tech, Avadi.
29.06.2022	Machine Learning Algorithm for WSN	Prof.S.Sathish, AP / ECE KCT, Coimbatore
30.06.2022	Deep Learning based Real Time Video Processing	Dr.S.K.Aruna, AP / CSE, Christ Deemed University, Bangalore
01.07.2022	Machine learning in Image & Video Processing	Dr.P.Anandan, AP(Senior Grade)/ ECE, VIT, Chennai
02.07.2022	Artificial Intelligence for Signal Processing Applications	Dr.A.Bhavani sankar, Prof & Head / EEE, Anjalai Ammal Mahalingam Engg College, Tanjore



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## ADDRESS FOR COMMUNICATION

The Convenor  
Paavai Engineering College  
NH-44, Pachal, Namakkal – 637 018  
E-mail – [pececehod@paavai.edu.in](mailto:pececehod@paavai.edu.in)  
Mobile: +91 99655 43188



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