



**The Institution of Engineers (India)**

**Coimbatore Local Centre**

in association with



**Department of Electronics and Communication Engineering  
PSG Institute of Technology and Applied Research**

Cordially invites you for a One Day Seminar on

## **“Embedded IoT Innovations: Enhancing Connectivity with Sensors”**

Under the aegis of

**Electronics and Telecommunication Engineering Division Board, IE(I)**

On

**May 24, 2024 (Saturday)**

**Venue: ECE Seminar Hall**

### ***Resource Persons***



**Dr Bagavathi C**  
School of Computing ,  
Amrita Vishwa Vidyapeetham



**Dr Vimalathithan  
Rathinasabapathy**  
Director, KRISHTEC



**Dr Sivaraj D**  
Department of ECE,  
PSG College of Technology



**Dr V Ananthanarayanan**  
JRM Technologies and Tektork  
Private Limited, Coimbatore

# *Agenda*

## **09.00 AM Inaugural Function**

**Welcome &  
Presidential Address**

**Dr G Madhan Mohan**  
Honorary Secretary  
IEI Coimbatore Local Centre

**Felicitation Address**

**Dr P Vijayakumar**  
Professor and Head,  
Department of ECE,  
PSG Institute of Technology and Applied  
Research, Coimbatore

**About the Seminar**

**Dr M Jothibas**  
Assistant Professor (Sl.Gr),  
Department of ECE  
PSG Institute of Technology and Applied  
Research, Coimbatore

**Introduction of the  
Chief Guest**

**Ms D Archana**  
Assistant Professor (Sr.Gr),  
Department of ECE  
PSG Institute of Technology and Applied  
Research, Coimbatore

**Chief Guest Address**

**Dr. Bagavathi C.**  
Assistant Professor (Sr.Gr),  
School of Computing  
Amrita Vishwa Vidyapeetham, ,Coimbatore

**Vote of Thanks**

**Dr M Jothibas**  
Assistant Professor (Sl.Gr),  
Department of ECE  
PSG Institute of Technology and Applied  
Research, Coimbatore

## Technical Session

09.30 AM Session I

**Dr. Bagavathi C.**  
Assistant Professor (Sr.Gr),  
School of Computing  
Amrita Vishwa Vidyapeetham, Coimbatore

**Topic : Innovations in Ai-driven and energy efficient IOT sensors**

10.45 AM Tea Break

11.00 AM Session II

**Dr.Vimalathithan Rathinasabapathy M.E., PhD, PDF(ITALY)**  
Director,  
KRISHTEC, Coimbatore - 641043

**Topic : Role of Embedded Sensors in IoT-Based Applications- Data Analytics for Connected cars**

12.30 PM Lunch Break

01.30 PM Session III

**Dr Sivaraj D**  
Assistant Professor (Sl.Gr.)  
Electronics and Communication Engineering  
PSG College of Technolog

**Topic : Challenges and Opportunities in Embedded Systems and IOT**

03.00 PM Tea Break

03.15 PM Session IV

**Dr V Ananthanarayanan,**  
Associate Professor,  
Dept. of Computer Science and Engineering.,  
Amrita School of Computing, Coimbatore  
and  
Technical Advisor - JRM Technologies and  
Tektork Private Limited, Coimbatore

**Topic : Low-Power IoT Devices for Real-Time Data Collection and Applications of IoT and Sensors in Smart Cities and Healthcare**

04.45 PM Concluding Session