

**REGISTRATION FORM**  
Online – Five Days FDTP on  
**Recent Advancements**  
in  
**Artificial Intelligence & IoT**  
**02 to 06 January 2023**

**Name :**  
**Qualification :**  
**Designation :**  
**Specialization :**  
**Organization :**  
**Address for Correspondence :**  
  
**Mobile No :**  
**E-mail ID :**  
**Experience (if any) :**

**Signature of the  
Applicant**

The participants should register through  
[https://docs.google.com/forms/d/1JQNVYX24hfGycCnLgBlvf2rZsfPQ\\_u3WVTIN5Wn14/edit](https://docs.google.com/forms/d/1JQNVYX24hfGycCnLgBlvf2rZsfPQ_u3WVTIN5Wn14/edit) Last date for  
registration on or before 30.12.2022.

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**Shri.R.S.Munirathinam**, Founder-Chairman,  
R.M.K Group of Institutions

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**Dr.N.G.Praveena**, Associate Professor  
**Dr.V.Kannagi**, Associate Professor  
**Ms.N.Nimitha**, Assistant Professor

**ADDRESS FOR COMMUNICATION**

**The Convener**,  
Department of ECE  
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**Online – Five Days  
Faculty Development  
Training Program  
On**



**Recent Advancements  
in  
Artificial Intelligence & IoT**

**02 to 06 January 2023**



Organized by  
**DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION  
ENGINEERING  
R.M.K COLLEGE OF ENGINEERING  
AND TECHNOLOGY**

(An Autonomous Institution)

**Puduvoyal, Gummidipoondi, Tiruvallur-601 206**

**Tamil Nadu, India**

## ABOUT THE COLLEGE

R.M.K. College of Engineering and Technology is established in the year 2008, promoted by Lakshmikanthammal Educational Trust to render philanthropic and educational service to people living in rural areas bordering Tamil Nadu and Andhra Pradesh. The college is approved by AICTE, New Delhi and affiliated to Anna University, Chennai and also certified under ISO 9001:2015 by TUVNORD, accredited by NAAC with A grade and all eligible programs are accredited by NBA. The main objective of the trust is to foster quality technical and higher education, research and training in rural areas in various branches of Engineering and Technology. It is also inculcating among the youth a sense of discipline which is vital to mould them into competent and talented engineers.

## ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2008. The Department offers B.E. (Electronics and Communication Engineering) from the academic year 2008 – 2009. The Department has always been on a high growth path since its inception. The aim of the Department is to make the students full-fledged Engineers, enviable Technologists and sought-after Technocrats who would end up as the leaders in serving the Nation to prosperity in future. The Department is accredited by NBA and is well equipped with the state-of-the art laboratories. The Department has established 6 Centres of Excellence and signed 15 MoUs for Industry linkage. The Department has highly qualified and dynamic faculty specialized in advanced areas. The Department has extensive interactions with Professional Bodies such as IEEE, ISTE, IET and IEI. The Department has organized many sponsored events like Conferences, Symposia, Training Programmes and Workshops through the Student Chapters. The department has received funding from various agencies such as, ISRO, DST, AICTE.

## ABOUT THE FDTP

Today, Artificial Intelligence (AI) and the Internet of Things (IOT) are present in practically every aspect of electronics, from data centres to endpoint devices and edge accelerators. Applications span robotics, computer vision, sensor fusion in the smallest sensor nodes, large-scale medical data analysis, and online retail recommendation engines. Computing paradigms are shifting everywhere as a result of the widespread adoption of AI technology. This five-day National level online Faculty Development and Training Programme (FDTP) on "Recent Advancements in Artificial Intelligence & IOT" aims to educate faculty members about current developments in these fields, as well as their contemporary uses in machine learning and deep learning. This FDTP offers a summary of recent developments and difficulties in artificial intelligence, the internet of things, and their integration, with a focus on real-world applications. Additionally, this FDTP gives academics and industry professionals the chance to pinpoint fresh, fruitful research directions as well as to share recent developments in the field.

## TOPICS TO BE COVERED IN FDTP

- Introduction to Artificial Intelligence, Machine Learning and IoT
- Programming with IoT Devices
- Deep Learning Concepts and Algorithms
- Case studies of ML and DL Applications
- Role of Mathematics in AI, ML and DL
- Artificial Intelligence for HealthCare Analytics
- Opportunities in Research and Applications of Artificial Intelligence and IoT

## TECHNICAL RESOURCE PERSONS

**Dr.Selvakumar Subramanian**, NIT Tiruchirappalli

**Dr.Bhawana Rudra**, NIT Surathkal

**Dr.V.Sowmya**, Amrita Vidhyapeetham, Coimbatore

**Mr.Sabarinath Premlal**, Resprolabs, Chennai

**Dr.M.Arun Manicka Raja**, RMK College of Engineering and Technology, Chennai

## BENEFICIARIES OF THIS FDTP

Research scholars and faculty members of various engineering disciplines and working professionals from the industry will be benefitted by attending this FDTP.

## REGISTRATION

Participants are requested to pay a registration fee of Rs.250

[https://docs.google.com/forms/d/1JQNVYX24hfGycCnlLgBlvf2rZsfPQ\\_u3WVTIN5Wn1l4/edit](https://docs.google.com/forms/d/1JQNVYX24hfGycCnlLgBlvf2rZsfPQ_u3WVTIN5Wn1l4/edit)

## PAYMENT DETAILS

### By NEFT / RTGS / E Payment/GPAY

Account Name : IEEE STUDENT BRANCH, RMKCET  
Account No. : 062201000028081  
Bank : INDIAN OVERSEAS BANK,  
Branch : KAVARAPETTAI.  
IFSC Code : IOBA 0000622

## DATES TO REMEMBER

Last date for registration : 30.12.2022  
Date of intimation : 31.12.2022

## TIMINGS:

Sessions through online mode from  
6:00 p.m. to 8.00 p.m.

**Note:** e- certificate will be provided to all the participants.