

ORGANISING COMMITTEE

CHAIRMAN

Dr. K. Prakasan

Principal In-charge,
PSG College of Technology

CONVENOR

Dr. K. Umamaheswari,

Professor & Head,
Department of Information Technology,
PSG College of Technology.

CO-ORDINATORS

Dr. S.Sarathambekai, Dr. T.Vairam,

Dr. S.P. RajaMohana

Assistant Professor(S.G.),Dept. of IT,
PSG College of Technology.

RESOURCE PERSONS

Experts from Industries and Academic Institutions working in the domain of Internet of Things will be handling the sessions.

TOPICS

The workshop will focus on the following topics:

- Mathematical Fundamentals for networking
- Cloud Computing in IoT
- Google cloud IoT core
- Recent wireless technologies for edge computing
- IoT in Healthcare application using CloudFog computing
- Hands on Sessions – IoT/Edge/Fog simulator

REGISTRATION

A maximum of 40 participants are permissible on first come first serve basis. The applicants shall send the filled up registration form on or before 20.10.2019.

Research Scholars :Rs. 1500/-

Faculty :Rs. 2000/-

Industry Persons :Rs. 3000/-

The duly filled application forms along with DD in the favour of “PSG CNCE” payable at coimbatore should be sent to:

Dr. S.P. RajaMohana

Assistant Professor (S. G.)

Department of Information Technology

PSG College of Technology

Peelamedu, Coimbatore 641 004

Mobile: 8220267291

PARTICIPANTS

Faculty and Research Scholars from academic institutions and industries, who wish to improve their research horizons in the field of IoT, can attend this faculty development programme.

ACCOMMODATION

Limited accommodation at minimal cost will be provided for external participants in PSG Campus. A request for this has to be made well in advance.



TEQIP III

TEQIP III SPONSORED

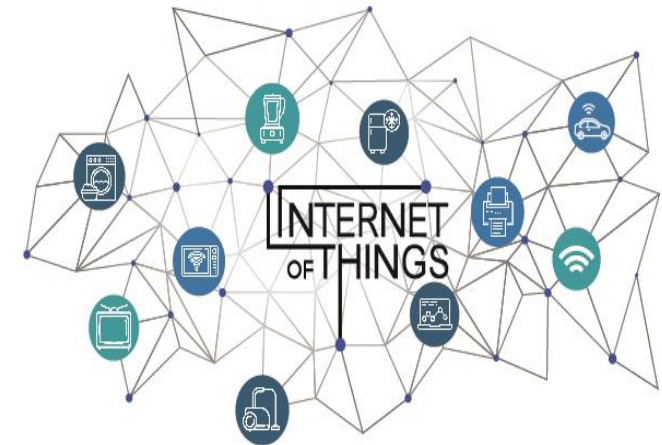
Faculty Development Programme

On

Computing Paradigms for Emerging IoT

Applications

4th-8th November 2019



Organized by

Department of Information Technology

PSG COLLEGE OF TECHNOLOGY

Coimbatore 641 004

PSG COLLEGE OF TECHNOLOGY

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & Sons' Charities Trust. The institution is equipped with latest facilities and excellent infrastructure. The college has signed MoUs with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum updation and establishment of state-of-art-centers of excellence. The mission of the institution is to provide world-class engineering education, foster research and development, evolve innovative applications of technology, encourage entrepreneurship and ultimately mould young men and women capable of assuming leadership of the society for the betterment of the country.

ABOUT THE DEPARTMENT

The Department of Information Technology was established in the year 1999 with a vision to develop quality engineers to meet the current needs in the emerging world of IT. The department endeavors to educate students to acquire technical expertise and knowledge in the field of Information Technology to enable them to communicate and use that knowledge constructively for the benefit of the society. The department offers one under graduate programme in Information Technology and two post graduate programmes in Information Technology and Biometrics & Cyber Security

ABOUT TEQIP

TEQIP III is one of the prestigious projects of PSG College of Technology sponsored by MHRD, Govt. of India to improve quality of technical education and enhance existing capacities of the institutions to become dynamic, demand-driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring both at national and international levels.

ABOUT THE WORKSHOP

Internet of Things (IoT) is a new revolution of the Internet. It is a network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators and network connectivity which are linked to create smart environments. It allows objects to be sensed and controlled remotely across existing network infrastructure. Also, it is creating opportunities for more direct integration of the physical world into computer-based systems, which results in improved efficiency and accuracy.

The Internet of Things is generating an unprecedented volume and variety of data. But by the time the data makes its way to the cloud for analysis, the opportunity to act on it might be gone. This faculty development programme, intended for academicians and researchers, explains a new model for analyzing and acting on IoT data using computing technologies such as edge, fog and cloud

REGISTRATION FORM TEQIP III SPONSORED Faculty Development Programme on COMPUTING PARADIGMS FOR EMERGING IOT APPLICATIONS

Name: _____

Designation: _____

Department: _____

Institution: _____

Address: _____

Email: _____

Mobile: _____

Details of Registration

Amount: _____

DD No. & Date: _____

Bank: _____

Date:

Signature