

Topics Covered

- Industrial IoT – Challenges and Opportunities
- IoT and Automation
- Software Defined factories
- From Prototyping to Product Development and Business Modeling
- Predictive Analysis for IoT
- Portable Software Architecture for Industrial Internet of Things
- IoT in 5G – Research Challenges



Participants

Candidates from Industry and Academic Institutions can participate in the programme.

Pinup the Date!

Last date for receipt of applications:
05.09.2017

Resource Persons

Resource Persons are successful entrepreneurs, experts drawn from leading industries and academic institutions.

Organizing Committee

Convener

Dr. R. Venkatesan
Professor & Head

Coordinators

Dr.L.S.Jayashree
Professor

Dr.V.Sanathi

Associate Professor

Organizing Secretaries

Ms.K.Vani

Assistant Professor

Ms.J.Adlene Anusha

Assistant Professor

Department of CSE,
PSG College of Technology

For any queries, contact
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Email:

iotteqip2017@gmail.com

The details of this workshop are
available at

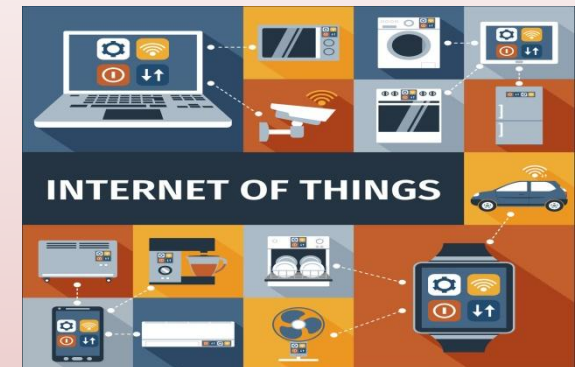
www.psgtech.edu

TEQIP

TEQIP III SPONSORED
Three Days
workshop

on

**Industrial IoT and
Automation - from
Prototyping to
Reality**



07-09 September, 2017

Organized by



Department of
Computer Science and Engineering,
PSG College of Technology,
Coimbatore-641004

Frontline of the Institution

PSG College of Technology, an Institution of academic excellence, was founded in the year 1951 by PSG & Sons' Charities Trust. 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. The institution is equipped with latest facilities and excellent infrastructure. The institution has been in the planned growth from the humble beginnings in 1951 to the present status of a world-renowned technological institution. The college maintains close interaction with several R&D Institutions. The College has been in the vanguard of innovation in technical education, and over the years has taken giant strides and transformed itself into a prestigious centre for advanced studies.

Frontline of the Department

The Department of Computer Science and Engineering, with its dedicated body of well-qualified faculty, technical staff and students, is committed to be an international, multi-disciplinary center of excellence in Computer Science and Engineering through education and research. It has partnerships with other leading Academic Institutions, Government and Industrial sectors. It has acquired generous grants from global organizations like the World Bank, Swiss Development Co-operation for Manpower Development, the Department of Electronics, VSSC, AICTE and the Ministry of Information Technology.

About the workshop

The idea of the Internet of Things (IoT) has been creating a great deal of excitement across different industries in multiple verticals. IoT is the network of physical objects or things embedded with electronics, software, sensors, and network connectivity, which enables these objects to collect and exchange data. In this modern era of automation and advanced computing, using IoT with artificial intelligence offer promising solutions towards the automation of Industry. In order to understand the impact of IoT in industries, this workshop covers the current research in IIoT, key enabling technologies, major IoT applications in industries, and identifies research trends and challenges. IoT Prototyping are used by manufacturers, product developers and designers as a working model to observe, monitor and analyze the functionality and performance of a product during the stages of product development. These prototypes can prove invaluable to ensure that the various components are well integrated with the software, firmware and hardware to take the best possible product to market. Managing the transition from something that works on a lab bench to a viable IoT product can be tricky and the workshop attempts to provide valuable insights on this front by expert speakers from leading industries.

Registration Fees

Registration fee in the form of DD is to be drawn in favour of **PSG CNCE**, payable at Coimbatore. The registration form is to be sent along with the DD to the Coordinator on or before **05.09.2017**

Inclusive of GST

- UG/PG Students : Rs.1000/-
- Academician/Research Scholars : Rs. 1500/-
- Industry persons : Rs. 1750/-

Mailing Address:

Ms.K.Vani / Ms.J.Adlene Anusha
Department of CSE,
PSG College of Technology

TEQIP III SPONSORED Three Days workshop on **Industrial IoT and Automation-From Prototyping to Reality**

Name

Designation

Organization

Address

Phone :.....Mobile :

Email

Demand Draft Details:

DD No

Amount:

Dated:

Name of Issuing Bank:

Signature of the Applicant