



Symposium on Internet of Things (SIoT-2K19)

November 2, 2019

Organized by

Department of Computer Engineering and Information Technology,

Department of Instrumentation and Control,

&

**COEP's Information and Cyber Security Research Group
(COEP's ICSRG)**

College of Engineering Pune

(An Autonomous Institute of Govt. of Maharashtra)

In Association with



About IET

The IET is one of the world's largest engineering institutions with over 168,000 members in 150 countries. It is also the most multidisciplinary – to reflect the increasingly diverse nature of engineering in the 21st century. The IET is working to engineer a better world by inspiring, informing and influencing our members, engineers and technicians, and all those who are touched by, or touch, the work of engineers.

IET Pune Local Network

IET India has eight Local Networks across India. IET Pune local Network is one of the active and energetic in engaging and motivating young engineers including students to get the best out of the IET. Local Networks are groups of IET members and volunteers in a geographic region. The Local Networks take the IET's mission forward through a range of activities and initiatives relevant to their regions. Local Networks are led by the IET's senior members and volunteers who are drawn from the industry and academia.

About COEP

Established in 1854, College of Engineering Pune (COEP) has a glorious history of excellence in engineering education. COEP has witnessed many notable alumni like, Bharat Ratna Sir M. Visvesvaraya, Prof. Thomas Kailath and Dr. C.K.N. Patel (both decorated with coveted IEEE Medal of Honor) and scores of others. COEP was granted autonomy in the year 2003. Today, it continues to be a role model for technical institutes of India. The hallmark of COEP is its strong and widespread alumni network, support of the industry and the companionship that the institute shares with several foreign universities. COEP is consistently ranked amongst the top 20 technical institutes in India. It is the only institute in Maharashtra state which has two Centers of Excellence under TEQIP, namely, Center for Smart Renewable Energy Systems and Center for Signal and Image Processing. Center for Smart Renewable Energy Systems, plays a remarkable role in research and technology innovations for solar-thermal systems, grid and off-grid solar/wind systems, real time simulation of the energy systems and energy management. It also aims at addressing other critical areas in energy systems that are essential for economic development in the state of Maharashtra and beyond. Center for Signal and Image Processing, is focused on investigation, research and experimentation spanning over a diversified range of signal processing and contributes in developing real life application useful to industry and society at large.

Department of Computer Engineering & IT

The Department of Computer Engineering and Information Technology, established in 1992, offers two undergraduate programmes, namely, B. Tech (Computer Engineering) and B. Tech (Information Technology). The Department offers two post graduate programmes M. Tech (Computer Engineering) and M. Tech (Information Security). The department is a recognized research center under Savitribai Phule Pune University for the Ph. D. (Computer Engineering) programme. The faculty of the department is actively engaged in research in the areas of Cloud Computing, Information Security, Cyber Security, Machine Learning, Natural Language Processing, Data Analytics, Bioinformatics, Networking, Green Computing, Signal Processing,

Multimedia and Embedded Systems. The department promotes open source software development. The department boasts of having strong alumni base and industry association.

Department of Instrumentation and Control

The Department of Instrumentation and Control started in the year 1965 with the support of the Central Government. The Undergraduate and Postgraduate programmes offered by the department are accredited by the National Board of Accreditation (NBA). The department boasts qualified, experienced and dedicated faculty to impart fundamental and applied knowledge in the field of Industrial Automation, Process Systems Engineering, Instrumentation Systems Engineering and Biomedical Instrumentation. The department focuses on preparing the students to meet global industrial challenges. The ultimate goal is to make them aware of the recent advances taking place in the technological field. The department enjoys long standing relationships with industry, academia, and research organizations of national importance to pursue teaching, training and research agenda.

About COEP's ICSRG

Information and Cyber Security Research Group (COEP's ICSRG) is formed by the volunteers to do novel research in area of "Information and Cyber Security" in COEP and other Institutes. The group members acquire knowledge in current state of art systems and develop systems using open source software or freewares. The group shares knowledge to society and create awareness through conducting seminar, workshop, symposium, conference and media.

About Symposium

College of Engineering Pune (COEP) in association with the IET Pune LN introduces the second edition of symposium on Internet of Things (IoT). With our combined expertise and strength in the field of IoT, we hope to bring you the state-of-the art research in the domain of IoT: Applications and Future. The primary objective of the symposium is to educate, train and creates the awareness amongst the students, research scholars, faculty, and industry delegates on Internet of Things (IoT). Participants will be introduced emerging applications, market trends, state-of-the art research, security, challenges and issues in the domain of IoT.

Keynote speakers

Dr. M.A.Joshi, Ex-Professor COEP, Chairman IET Pune Local Network and IET Fellow

Mr. Vaibhav S Dantale, Senior Member IET, Information Architect (Cloud Business Solutions), IBM

Mr. Vikrant Sankhe, Vertical Market Head, Siemens Limited and IET Fellow

Mr. Amey Tambe, Director, SoftTech Data Securities Pune

Participation Registration

Faculty members, Students, Research Scholars of engineering colleges and Persons from Industry who need exposure to the contents of this symposium can apply. **No registration fees for the participants for this symposium.** Boarding and Lodging will not be provided. No Travel Allowance will be paid to the participants. Limited participants will be selected based on first-cum-first-serve basis. Participant will be provided tea and snacks during symposium.

Registration link - <https://forms.gle/J5WF4XGrESS8LT19A>

Venue
Mini Auditorium, COEP
2nd November 2019

Important Dates

Last date of registration: 30th October 2019
Confirmation to participants by mail: 31st October 2019

PATRONS

Prof. B. B. Ahuja, Director COEP.
Prof. M. S. Sutaone, Deputy Director COEP.
Prof. Mrs. Jibi Abraham, Dean Academics COEP.

HEAD

Dr. Mrs. V. Z. Attar,
Department of Computer Engineering and IT, COEP.

CONVENERS

Dr. D.N. Sonawane, Department of Instrumentation and Control
Mr. D. D. Kshirsagar, Department of Computer Engineering and IT

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