

ABOUT THE WORKSHOP

Cities are abound in big and fast data and cyber-physical environments with amazing potential for value creation for its inhabitants. Improving cities is a pressing global need as the world's population grows and our group becomes rapidly more urbanized. A large amount of existing public infrastructure is used inefficiently due to a lack of real time information. The vision of smart cities is full interconnectivity that will save lives, time, and energy. At this juncture, computational intelligence and IoT plays a critical role in bringing smart city dreams into reality. Extensive research is taking place on a wide range of enabling technologies. Advanced communication and computing techniques can facilitate a participatory approach for achieving integrated solutions and creating novel applications to improve urban life and build a sustainable society.

The main purpose of this workshop is to bring together researchers/academics/industries in the field of system, networking and communication to discuss major challenges, research problems, and potential applications to support smart cities and urban informatics.

Topics to be covered:

- Urban data collection and Big data
- Power of AI and Deep learning for smart city
- Cloud computing & network infrastructure
- IoT for smart cities
- Environment and urban monitoring for Safety, security & disaster management for smart cities
- Enabling wireless and mobile technologies for smart cities
- Smart grid and energy efficiency
- Smart healthcare
- Human mobility modeling and analytics for smart transportation
- QoS and QoE of smart city systems, applications, and services
- Software defined networking (SDN) and network function virtualization (NFV) in smart city environment.



ADDRESS FOR COMMUNICATION

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College of Engineering, Guindy,
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NEXT CHALLENGE



DST-SERB Sponsored



विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



Science and Engineering
Research Board (SERB)

Three Days Workshop on

Computational Intelligence and Connectivity for SMART CITY

19 – 21 April 2018



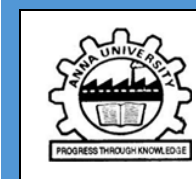
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Mentor

Dr. D. Manjula
Professor & Head

Convener

Dr. P. Uma Maheswari
Associate Professor



Department of Computer Science &
Engg, College of Engineering
Guindy, Anna University,
Chennai- 600 025

ABOUT THE UNIVERSITY

Anna University was established in 1978 as a unitary type of University and then converted to an affiliating type University in 2001. It offers higher education in Engineering, Technology, Architecture and Applied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

Anna University got 'A' Grade NAAC accreditation and University Grants Commission has recognized Anna University as "**University with Potential for Excellence**" (UPE) in the XII plan. This University has been Ranked 6th in NIRF 2017 and 201 in QS - World University Ranking.

ABOUT COLLEGE OF ENGINEERING

CEG is India's oldest engineering and technical institution established in 1974. As a part of Anna University, it has link-ups with institutions and organizations like USAID, UNCHS, Ford Foundation and European Economic Community. It was the first college in the country to have its own postage stamp to mark the 200th anniversary of the institution. The Department of Computer Science and Engineering (DCSE), was established in September 1987. The department imparts world class training and research with state of the art computing facilities to the students. It also promotes active industry-institute collaboration and taking part in sponsored research projects and consultancy services. Dr.D.Manjula is currently the Head of the Department.

WHO SHOULD ATTEND

UG & PG students, Research scholars, Academicians and Industrialists who are doing projects/research in related fields and those have interest in the topic are also welcome.

CHIEF PATRON

Dr.T.V.Geetha
Dean, CEG
Member of Convener Committee
Anna University, Chennai-25

PATRON

Dr. S.Ganesan
Registrar
Anna University, Chennai-25.

CHAIR

Dr. D.Manjula
Prof & Head, DCSE, CEG
Anna University, Chennai-25.

CONVENOR

Dr.P.Uma Maheswari
Associate Professor, DCSE, CEG
Anna University, Chennai-25.



VENUE

Turing Hall
Department of CSE
College of Engineering, Guindy.

PROGRAM FEE

Industry Delegates	:	Rs. 3000/-
Academician / Research Scholars	:	Rs. 2500/-
PG Students	:	Rs 1500/-

REGISTRATION

- "First Come First Served" basis.
- No TA/DA will be provided.
- Fill up the Registration form through Online in the link given below:

<https://docs.google.com/forms/d/1pwdLDZAQqFhPs41FZbnF76TbW8mw2wxDA0eZJTVUkA4/>

- DD must be taken in favor of "**Organized Programmes, Anna University**" payable at Chennai.
- Send the copy of filled in registration form along with DD through Post.

IMPORTANT DATES

Last date for Online registration with DD details	30-03-18
Receipt of application with DD through post	03-04-18
Intimation of Selection	06-04-18
Confirmation by Participants	10-04-18