Registration Form

**One Week
AICTE Sponsored
Short Term Training Programme
on
Internet of Things (IoT):
Challenges and Applications**

16th – 21st March, 2020

Name:_____

Designation:_____

Organization:_____

Affiliating University:_____

Qualification:_____

Teaching Experience:_____

Area of Specialization:_____

Address for Correspondence:_____

_____

_____

Telephone/Mobile No.: _____

E-mail: _____

Signature of the Candidate

The candidate will be permitted to attend the above course, if selected.

Date:_____

Signature & Seal of
Sponsoring Authority

Participation

Non-Residential Short Term Training Programme (STTP) is open to full-time regular/permanent teachers of AICTE/UGC recognized degree-level engineering colleges/ institutions/ organizations, technical universities/ deemed universities and other research/ training institutions. The interested candidates are required to send the duly filled registration form, forwarded by the competent authority to the Course Coordinator at the earliest, but not later than 6th March 2020. The list of selected candidates will be displayed on the official GGSIPU website on/ before 10th March, 2020. The participant will not be paid TA/DA for attending the course.

The selection is on first-come, first-serve basis, depending upon the availability of the seats.

USIC&T has been consistently ranked in the top 100 list of engineering institution, as per NIRF ranking of 2017-2019.

Organising Committee

Dr. Anuradha Chug
Rahul Johari

Advisory Committee

Prof. Nupur Prakash
Prof. B. V. Ramana Reddy
Prof. Navin Rajpal
Prof. C. S. Rai
Prof. Pravin Chandra
Prof. Anjana Gosain
Prof. Udayan Ghose
Prof. Bharti Suri
Prof. Amit Prakash Singh

To register, visit:

http://bit.ly/sttp-usict

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Chief Patron

Prof. (Dr.) Mahesh Verma
Vice Chancellor, GGSIPU

Patron

Prof. (Dr.) Arvinder Kaur
Dean, USIC&T, GGSIPU

Course Co-ordinator

Dr. Anuradha Chug

Course Co-coordinator

Rahul Johari

Organized by

University School of Information, Communication & Technology (USIC&T),

Guru Gobind Singh Indraprastha University (GGSIPU)

Dwarka, New Delhi – 110078
Website: www.ipu.ac.in

Objective of the Course

The proposed STTP is designed to offer a unique opportunity to the participants to interact with the prominent experts from Industry, faculty from premier Academic Institutions, and distinguished practitioners working in the area of Internet of Things (IoT). Lectures will be delivered by eminent experts, having rich teaching and industrial experience in their respective field of application and hence will provide deeper insight and knowledge to the participants, about the advances in the fields of IoT applications, along with its challenges. The primary target group for the STTP are teachers of Colleges, Universities, Academic Institutions; Research Scholars, PG students who are engaged in research or planning to undertake research, as well as Industry personnel.

Confirmed Course Contents

- Introduction and Applications of IoT.
- Routing in IoT using MQTT Protocol.
- IoT and Machine Learning.
- Attribute based Discovery Architecture for Devices in IoT .
- Green Routing Algorithm for IoT.
- IoT in Environment and Pubic Transport.
- IoT-UAV [Unmanned Aerial Vehicle].
- Exploiting the benefit of IoT in designing Smart City.
- Application of IoT in Agriculture.
- IoT and Big Data Analytics.
- Hands on Session on CupCarbon and COOJA Simulator.
- Expert Technical Sessions by: Texas Instruments and Eigen Technologies

About GGSIPU

Guru Gobind Singh Indraprastha University (GGSIPU) is the first University established in 1998 by the Govt. of NCT of Delhi under the provisions of Guru Gobind Singh Indraprastha University Act, 1998 read with its Amendment in 1999. The University is recognized by University Grants Commission (UGC), India under section 12B of UGC Act. It is a teaching and affiliating University with the explicit objective of facilitating and promoting "studies, research and extension work in emerging areas of higher education with focus on professional education".

It must be a matter of great satisfaction to all of its stakeholders in general, and the faculty and students, in particular that in a short span of time, the University has not only been able to earn the best of national accreditations, educational awards and acquire stringent certifications, selected among 250 Top Educational Institutes in India for the Grand Book on Education, titled, 'Star Brands Education 2010'; and, also for an International Award - 'Platinum Technology Award for Quality and Best Trade Name' by OMAC – Association Otherways Management & Consulting, Paris, France on December 20, 2010 in Geneva, Switzerland but has also succeeded in making its presence felt both at national and international levels.

Confirmed External Speakers

Prof. Deo Prakash Vidyarthi, JNU
Prof. D. K. Lobiyal, JNU
Prof. Anirban Mondal, Ashoka University
Prof. T. V. Vijay Kumar, JNU
Dr. Shachi Sharma, SAU
Dr. Pravesh Biyani, IIIT Delhi
Dr. Ruchika Malhotra, DTU
Dr. Sunita Prasad, CDAC

About USIC&T

University School of Information, Communication & Technology has been established to design and implement courses with the twin objective of generating effective professionals and to keep pace with the R & D activities of this fast emerging and changing field of Information & Communication Technology. The school aims at inculcating essential skills as demanded by the global software industry, through the interactive learning process. This includes team-building skills, audio-visual presentations and personality development programmes. These enhance analytic and communication skills, besides inculcating the virtues of self-study. The School also encourages research work in various areas of information & communication technology. The school aspires to produce individuals equipped to contribute for progress at all levels: individual, national and global.

Important Dates

Last date for receiving applications : 06/03/2020

Notification about selection of participants : 10/03/2020

Commencement of the Course : 16/03/2020

Address for Correspondence

Dr. Anuradha Chug

Course Co-ordinator

University School of Information, Communication & Technology (USIC&T)

Guru Gobind Singh Indraprastha University (GGSIPU)

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