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The TEQIP-III Sponsored Online Faculty Development Programme (FDP) On "IoT: Recent Advancements and Applications (IRAA - 2020) will be held at VSSUT, Burla from 15th – 19th September 2020.

Broad Objective

To promote education, research and training in emerging and recent trends in Internet of things, Cyber Physical System, Cloud and Sensor Networks, Machine Learning and their applications for the advancement of knowledge and betterment of the society.

To improve the quality of technical education, research and training in diversified areas of IoT and its associated technology.

To provide facilities and opportunities to inspire graduate, post-graduate, Ph.D. scholars and faculty members for collaborative research works.

To foster co-operation and interaction between the academic & research community with industries to exchange knowledge and information about the latest developments in areas of IoT, Cyber Physical System and Cloud Computing

Theme Of The Workshop

The workshop will provide a unique opportunity for participants to understand the recent advances in Internet of things, cyber physical system, cloud computing and future challenges for growth and sustainability in the cutting-edge technology with a special focus on the theme Recent Advancement of IoT and its applications.

About the University

VSSUT Burla is the premier technical university in the state of Odisha, established in the year 2009 after upgradation of the first engineering college of the state (University College of Engineering, Burla – Estd. 1956). The university is situated at the foot of world famous Hirakud Dam in a beautiful natural surroundings of river, lakes and mountains. VSSUT acts as an academic and research hub by promoting quality technical education for the society in collaboration with closely located reputed educational institutions like Sambalpur University, V S S Institute of Medical Sciences & Research and emerging industries like Hindalco, MCL, Vedanta, Bhushan Steel etc. to name a few. The university has more than 15 departments offering 10 B.Tech., 7 M.Tech., 4 M.Sc. programmes in diversified disciplines of engineering and sciences with a special focus on Ph.D research on emerging and advanced areas. The university has currently 5000+ students, 300+ sanctioned faculty strength, 500+ support staffs and 20000+ graduating students (alumni).

Department of Information Technology

The Department of IT, VSSUT, Burla was established during 2003. Currently, the department offers B. Tech. in IT, M.Tech. in CIT, M.Tech. in ICT and Ph.D programme. The department is having student strength of 300+ and sanctioned faculty strength of 15. Since its inception, the departments have produced 2500+ high quality technocrats serving in reputed industries and R & D organizations spread across the globe. The faculty members and research scholars of the department are pursuing high quality research work in advanced and emerging areas of computer science and information technology. The areas include (but not limited to) cloud and ubiquitous computing, online algorithms, self-organizing data structures, parallel processing, distributed system, internet and quality of service, database security, data mining, soft computing, image processing, fractal study, machine intelligence, emotional intelligent, VLSI, Embedded Systems, video processing and software engineering to mention a few.

Learning Outcomes

After the completion of the course, the participants

- ➔ Able design some IOT based prototypes.
- ➔ Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks.
- ➔ Able to understand building blocks of Internet of Things and characteristics.
- ➔ Able to understand the broad perspective of cloud architecture and model.
- ➔ Can apply different cloud programming model as per need.

Events of the FDP

- Inaugural function
- 10 technical sessions
- Q & A with experts
- Quiz Test and valedictory function

Registration

Interested participants from industry, academic and research community are required to submit online application (Only once) through google form. Link is provided in the next section. **There is no registration fees for the participants.** Selection will be based on first come first served basis. Selected participants are intimated through email on or before 14th September 2020.

Resource Persons for the Workshop

The course lectures shall be delivered by eminent speakers invited from IITs, NITs and other premier institutions of India.

TEQIP-III Sponsored Online Faculty Development Programme (FDP) On IoT: Recent Advancements and Applications (IRAA - 2020)



15th – 19th September 2020

Organized by
Department of Information Technology



Veer Surendra Sai University of Technology
Siddhi Vihar, Burla, Odisha – 768018, India
<http://www.vssut.ac.in>

Dr. Pradip Kumar Sahu
Dr. D. Chandrasekhar Rao
Convener(s)

TEQIP-III
Sponsored

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On
IoT: Recent Advancements and Applications
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15th - 19th September 2020

Registration Form

Interested candidates can submit the google online registration form in the link given below.

There is no registration fee for this FDP program.

E-certificate will be issued to all the participants who attend all the sessions and score 60% or more in the final exam.

Registration Link: shorturl.at/chILY

QR Code



Contact Us

Dr. Pradip Ku. Sahu : +91 8328941492
pksahu_it@vssut.ac.in

Dr. D Chandrasekhar Rao : +91 9337724582
dcrao_it@vssut.ac.in

For registration link, you can also scan the above QR Code, if necessary. Please fill the form on or before 13th September 2020. The details of the workshop can be downloaded from <http://www.vssut.ac.in>