



**ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
SUSTAINABLE COMPUTING & APPLICATIONS IN SMART CITIES**

(6th December 2021 – 15th December 2021)



**Organized by
E & ICT Academy, NIT Warangal, Telangana
in association with
Department of Computer Application, Veer Surendra Sai University of
Technology, Burla - 768018, Odisha
Sponsored by
Ministry of Electronics and Information Technology (MeitY), GoI**

Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes (FDPs) in standardized courses and emerging areas of electronics, information communication technologies, training and consultancy services for Industry, curriculum development for Industry, CEP for working professionals, advice and support for technical incubation and entrepreneurial activities.

This Online FDP is devoted to address the need to enhance the knowledge about the latest development pertaining to **Sustainable Computing and Applications in Smart Cities** is being conducted at **Department of CA, Veer Surendra Sai University of Technology, Burla – 768018, Odisha**. The whole course is handled by academicians and industry experts.

Major Course Contents:

- Sustainable Computing
- Renewable and Non-Renewable Energy
- Climate Change
- Cluster, Grid and Cloud Computing
- Fog and Edge Computing
- Green Computing
- Urban Computing
- Internet of Things
- Artificial Intelligence
- Machine Learning
- Deep Learning
- Data Science
- Big Data Analytics
- Soft Computing
- Safety, Security and Trustworthiness
- Cyber Security
- Data Governance and Ownership
- Open Innovation and Standards
- Smart Cities
- Energy-Aware Systems
- Smart Infrastructures and Smart Buildings
- Smart Grids
- Blockchain
- 5G
- Wireless Sensor Networks
- Signal and Image Processing
- Case Studies on Sustainable Computing
- Case Studies on Smart Cities

Faculty conducting this programme:

The programme will be conducted by the faculty members from Veer Surendra Sai University of Technology, Burla – 768018, Odisha and NIT Warangal. Academicians in the concerned field from IITs/NITs/IITs/IISERS/NISERS/Abroad are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:

The program is open to the faculty of engineering colleges, MCA colleges and other allied disciplines in India. Industry personnel working in the concerned/allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750/-
Industry Participants	Rs. 2250/-

Participants need to pay the registration fee online using the following details

Online Transfer Details	
Account Name: Electronics & ICT Academy NITW	
Account No: 62423775910	
IFSC: SBIN0020149	

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/gW5z3DrkWAkv8KHj9>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100 (hundred). The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD/online payment will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GoI norms.

Important dates:

Last date for submission of Application	30 / 11 / 2021 (11:59 PM)
Selection List by E- mail	01 / 12 / 2021 (11:59 AM)
Duration	06 / 12 / 2021 (Monday) to 15 / 12 / 2021 (Wednesday)

About Veer Surendra Sai University of Technology, Burla:

Veer Surendra Sai University of Technology (VSSUT), Burla, formerly known as the University College of Engineering (UCE), Burla, is a State Govt. Unitary University located in Burla, Sambalpur, Odisha. Established in 1956, it is the oldest engineering college in Odisha. UCE Burla, its former name, was officially changed to its current name on 12 February 2009, as a result of a resolution by the Govt. of Odisha to accord it with the status of a unitary university. VSSUT was declared to be eligible to receive central assistance under Section 12B of the UGC Act in 2012.

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech. degrees in various branches of engineering, M. Tech. and Ph. D. programs in various specializations. All B. Tech. and M. Tech. programmes of NIT Warangal are NBA accredited.

Coordinator(s):

Mr. Sanjib Kumar Nayak Dept. of CA, VSSUT, Burla Email: sknayak_ca@vssut.ac.in Mobile: +91-8249715656	Dr. Sanjaya Kumar Panda Dept. of Computer Sc. & Engg. NIT Warangal Email: sanjaya@nitw.ac.in Mobile: +91-7978685893
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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Reference No: Bank: Date: Amount:
6. Address for Correspondence:
7. Educational Qualification:
8. Subjects taught so far:
9. No. of refresher courses/workshops attended:
10. Experience (in years): Teaching: Research: Industry:
11. Do you belong to SC/ST : YES / NO

DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Online FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the Online FDP on “Sustainable Computing and Applications in Smart Cities”, sponsored by Electronics & ICT Academy during 6th December 2021 – 15th December 2021 at NIT Warangal.

**Signature of Head of Institution
(with seal)**

Address for correspondence

(Post your application form) at

Dr. Sanjaya Kumar Panda
Assistant Professor
Dept. of CSE
National Institute of Technology
Warangal – 506004
Telangana, India