



TEQIP-3

Technical Education Quality Improvement Programme

**TEQIP-III Sponsored Online Workshop  
on  
Advances in Control System  
and Applications**

**08<sup>th</sup> - 09<sup>th</sup>, Sept. 2020**

**Call for Registration and Participation**

**Coordinator  
Dr. Jatin Kumar Pradhan**

**Organized by  
Department of Electrical Engineering  
Veer Surendra Sai University of  
Technology Burla  
Sambalpur – 768018 Odisha, India**



**Background:**

Control System plays an important role in all application fields, e.g., aeronautical, automobile, chemical, civil, mechanical, electrical engineering. However, understanding of control and its design plays a challenging role. This program focuses on physical system modeling and the systematic methods to design the advanced control system to meet desired requirements in both classical and modern settings.

**Objectives of the Program:**

- To enhance the understanding of the advanced control system design methods.
- To introduce advances in PID control design.
- To understand different control design methods and identify the suitable one for the problem statement.

**Topics of the Program:**

- Fundamentals of Control System
- Multi Agent System
- MIMO PID Control
- Adaptive Control
- Applications of control system

**Resource Persons:**

Eminent faculty from IITs, NITs will deliver the lectures for the programme.

**Registration is open to:**

- Faculty.
- Research Scholars.
- M.Tech Students.
- Industry Professional.

**Selection and Intimation:**

Total seat is limited to 50. Applicant will be selected based on first come first service. The selected applicants will be informed about his/her selection through Email on **07-09-2020**.

**How to Apply:**

Eligible candidates may apply by furnishing their details in the below link

[https://docs.google.com/forms/d/e/1FAIpQLSdbj\\_ztogpkH\\_S8KZAU0jNVIDBDkSKkjyKMBOLek-r0jOzhAA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdbj_ztogpkH_S8KZAU0jNVIDBDkSKkjyKMBOLek-r0jOzhAA/viewform?usp=sf_link)

**on or before 6<sup>th</sup> September 2020.**

**Registration Fee:**

There is no registration fee.

**About the Institute**

Veer Surendra Sai University of Technology (VSSUT), Burla was formed by Odisha Act 9 of 2009 by converting University College of Engineering (UCE), Burla to a non-affiliating Unitary State University and came into force from 1st day of July 2009. The University has sixteen departments covering all the major engineering, science and humanities disciplines, offering B. Tech, B. Arch, M. Tech, M. Sc and Ph. D programmes. It is situated very close to one of the longest earthen dam in the world known as Hirakud Dam. Apart from VSSUT, several renowned educational institutions like Sambalpur University and VIMSAR exist in Burla, small town in the district of Sambalpur. Burla is not only a educational hub but also a industrial township in the western Odisha containing two reputed industries like MCL and HINDALCO. It is well connected by railway network to the rest of India via Sambalpur. The VSSUT campus is about 10 kms from Sambalpur railway station.

**For any queries regarding this training programme, please contact the Coordinators.**

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