

**One Week Online Workshop on**  
**“Next Generation Software Tools & Trends**  
**for Industrial Solutions: Current Practices”**

**(13<sup>th</sup> to 17<sup>th</sup> June 2020)**

Sponsored by Technical Education Quality  
Improvement Programme (TEQIP- Phase III)

**REGISTRATION FORM**

<https://bit.ly/NGST-2020>

**ELIGIBILITY & REGISTRATION**

All Faculty, Research Scholars, Students (UG/PG) are eligible for the workshop. Confirmation of eligible candidates will be on FIRST-COME-FIRST-SERVE basis up to a maximum intake capacity. The complete registration form should be received to the coordinator till 12<sup>h</sup> JUNE 2020.

**DATE & VENUE**

Workshop will be held during **13<sup>th</sup> to 17<sup>th</sup> June 2020** at **on CISCO WebEx, link & schedule will be shared separately by email.**

**PATRONS**

**Dr. Abhay Wagh**

Director,  
Directorate of Technical Education  
Maharashtra State, Mumbai

**Prof. Mahesh Shivankar**

Joint Director, Technical Education Regional Office,  
Aurangabad

**Dr. P. B. Murnal**

Principal, Govt. College of Engineering,  
Aurangabad

**Dr. S. S. Mohite**

TEQIP-III CO-ORDINATOR

**Prof. R.P.Chaudhary**

**Prof. Raghvendra Singh**

TWINNING ACTIVITY COORDINATOR

**CONVENER**

**Dr. Vivek Kshirsagar**

Head

Comp. Science & Engineering Dept., Aurangabad

**CO-ORDINATORS**

Dr. Meghana Nagori-Kshirsagar

Postdoctoral Researcher (University of Limerick)

Prof. Sudhir Shikalpure

Prof. Prashant Pathak

**ORGANIZING TEAM**

Prof. V.A Chakkarwar

Prof. Vikul Pawar

Prof. Pallavi Kulkarni

Prof. A.M Khan

Prof. Vijayashri Injamuri

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**Government College of Engineering,**  
**Aurangabad, Maharashtra**



*“In pursuit of Technical Excellence”*  
Sponsored By: TEQIP-III

Organized By:

**Computer Science and Engineering**  
**Department,**  
**Government College of Engineering**  
**Aurangabad**

&

**Mentee Institute**



**Ujjain College of Engineering,**  
**Ujjain, Madhya Pradesh**

## About Government College of Engineering, Aurangabad:

Government College of Engineering Aurangabad (GECA) is one of the renowned autonomous engineering institutions in India. Situated in Aurangabad city in Maharashtra state, GECA is home to some of the brightest young minds of the country engaged in a wide array of disciplines. With a vibrant and robust student body, GECA has been the launchpad for people with great ideas that have grown to be very successful ventures including CareNX, Jingletoons and others.

## About Workshop NGST -2020:

There is an abundance of new knowledge and tools that are constantly expanding the range of applications designed and deployed. Artificial Intelligence continues to be the popular trend for researchers and industries, and it has affected the way we live, play and do work. Machine Learning is rapidly being deployed in all kinds of industries. Automation through robotic technology is a popular choice. Cyber security continues to be an evolving technology for the need to have strong defence mechanism against hackers. Several industries are involving and implementing blockchains, a fastest growing technology leading to a potential for massive job openings. Finally, Internet of Things due to its massive ability of connected devices is revolutionising the way businesses are exchanging data. Through the medium of FDP over the course of the week the esteemed speakers will share their perceptions on industrial applications developed and deployed by harnessing the power of emerging technologies.

## Keynote Speaker:



### Dr. K. Sankaran

Chief Executive Officer (CEO)  
Radical Innovations Group AB  
Finland

Dr. K. Sankaran is the Chief Executive Officer of Radical Innovations Group AB, a clean energy and circular economy infrastructure development company based in Finland. He is an established industrialist and entrepreneur with several years of demonstrated track record in energy, utilities, infrastructure, manufacturing, and recycling industries. He has served in various operational and leadership roles in industries, World Economic Forum, and the European Commission in more than 16 countries and 4 continents. **He is nominated by the Government of Finland for the prestigious 2020 Mission Innovation Champion Award, a global recognition for clean energy innovation.**

**Keynote: Ingredients of Innovation: Commitment, Passion, and Creativity**

**Workshop: How Blockchain and IoT Technologies Transform Clean Energy and Circular Economy Industries?**



**Mr. Gopi Krish Manchala**

Enterprise Cloud Architect & Entrepreneur  
Oracle Corporation Inc.  
USA

**Session:** Cloud, Oracle Cloud Gen2  
Cloud Capabilities



**Mr. Binduraj Chandrasekaran**

Technical/Project Manager  
BMI Imaging Systems Inc.  
California, USA

**Session:** ANN-Tensor Flow &  
Auto Encoder



**Dr. Madhuri Joshi**

Computer Science and Engineering Department,  
Government College of Engineering  
India

**Session:** Deep Neural Networks



**Dr. Enrique Naredo**

Postdoctoral Researcher  
University of Limerick, Ireland

**Session:** Randomness with Purpose:  
Evolutionary Computing Successfully  
Addressing Real-World Problems



**Mr. Gaurav Somvanshi**

Chief Executive Officer (CEO) & Cofounder,  
EmerTech Innovations  
India

**Session:** Diverse Use cases of Blockchain



**Mr. Atul Tatke**

Senior Director, Solution Architecture,  
XCM Solutions,  
USA

**Session:** Turn your Idea into Product



**Mr. Sachin Suryawanshi**

Project Manager, IoT,  
TCS Pune, India

**Session: Case studies of IoT in Workforce Management**



**Mr. Mayuresh Jehurkar**

Business Systems Analyst,  
Google  
India

**Session: IOT and AI+ML - Journey to productivity on the Hype Curve**



**Mr. Dhiraj Kalamkar**

Research Scientist,  
Intel Technology Pvt Ltd  
India

**Session: Optimizing DLRM Training On CPU Clusters**



**Mr. Laxmikant Mokadam**

Software Engineer,  
Google  
San Francisco USA