

**One Week Online STTP on  
“Recent Trends in Deep Learning  
(RTIDL - 2020)**

**(04<sup>th</sup> September to 8<sup>th</sup> September 2020)  
Sponsored by**

Technical Education Quality Improvement  
Programme (TEQIP- Phase III)

**REGISTRATION FORM**

**Complete the registration using following link  
by 03<sup>rd</sup> September 2020, 12:00 Hrs (Morning):**

<https://forms.gle/3Po3yetBG76sS5Hs9>

There is no registration fee for this online FDP.  
E-Certificate will be provided on your successful  
participation.

**ELIGIBILITY**

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 of **100 candidates**. The complete  
registration form should reach the coordinator till  
**03<sup>rd</sup> September 2020, 12:00 Hrs (Morning)**.

Registration will be confirmed by e-mail after  
receipt of registration form

**DATE AND VENUE**

STTP will be held during **04<sup>th</sup> September to 08<sup>th</sup>  
September 2020**, using **CISCO WebEx** online  
platform, link & schedule will be shared separately  
by email.

**PATRONS**

**Dr. Abhay Wagh**

Director  
Directorate of Technical Education,  
Maharashtra State, Mumbai

**Dr. Mahesh Shivankar**

Joint Director  
Technical Education, Regional Office,  
Aurangabad

**Dr. P. B. Murnal**

Principal  
Government College of Engineering,  
Aurangabad

**TEQIP-III CO-ORDINATOR**

**Dr. S. S. Mohite**

**CONVENER**

**Prof. Chitra Gaikwad**

Head  
Department of Information Technology,  
Govt. College of Engineering,  
Aurangabad

**STTP CO-ORDINATORS**

Prof. Varsha P. Gaikwad (9921660773)  
Prof. Sangita B. Nemade(7385875075)

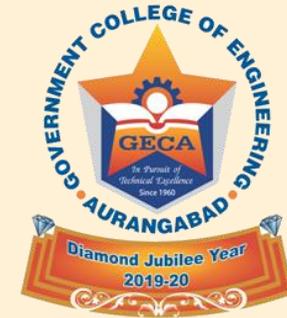
**ORGANISING COMMITTEE**

Prof. K. S. Gandle  
Prof. A. N. Ghule  
Prof. S. M. Chavan  
Prof. Dr. S. M. Kabra  
Prof. K. R. Sarode  
Prof. R. B. Mannade

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**Government College of Engineering,  
Aurangabad**



**Sponsored By:**

**TEQIP – III**

Technical Education Quality Improvement Programme

**Organized By:**

**Department of Information Technology  
Government College of Engineering  
Aurangabad – 431005  
Phone: 0240-2366300  
Website: www.geca.ac.in**

## ABOUT GOVERNMENT ENGINEERING COLLEGE, AURANGABAD

The institute is established in 1960 and is functioning as an autonomous institute from academic year 2006 - 07. Government of Maharashtra, University Grant Commission (UGC) and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, has conferred the status of autonomous college to all U.G. & P.G. programs of the institute.

## ABOUT THE COURSE

Deep Learning is a part of broader family of Machine Learning methods based on artificial neural networks with representing learning. Deep learning is a type of machine learning in which a model learns to perform classification tasks directly from images, text, or sound. Deep learning is usually implemented using a neural network architecture. The term “deep” refers to the number of layers in the network—the more layers, the deeper the network. Traditional neural networks contain only 2 or 3 layers, while deep networks can have hundreds.

### Major Course Contents:

- ✓ Introduction to Neural Network
- ✓ Back propagation in Neural Network
- ✓ Convolutional Neural Network,
- ✓ Deep Learning with Tensor Flow & Keras
- ✓ Segmentation and Object detection
- ✓ Automatic mixed precision, TensorRT
- ✓ Recurrent Neural Network
- ✓ Responsible AI

## RESOURCE PERSONS:

**Dr. Bhushan Garware,**

**AWS Certified Data Scientist**

**Senior Data Scientist at Persistent System with special interest in Digital Healthcare**

**Gaurav Singh**

**Senior Solution Architect – Deep Learning**