

# ONLINE SHORT-TERM COURSE ON MACHINE LEARNING & ITS APPLICATIONS USING PYTHON

(SPONSORED BY TEQIP-III)

17th Aug-21st August 2020

Organized By



Department Of Computer Science  
Engineering

Government College Of Engineering,  
Kalahandi

[www.gcekbpatna.ac.in](http://www.gcekbpatna.ac.in)

**in association with**



Government College of Engineering,  
Jalgaon

## Why Machine Learning

- In the recent years Machine Learning has emerged as a powerful technique for solving problem involving huge loads of data.
- Machine Learning provides algorithms and tools that are useful for solving classification & regression tasks in the supervised learning problems.
- It also provides clustering & frequent pattern mining tasks in unsupervised learning prob.
- It also handles the controlling the behavior machines in reinforcement learning prob.

## Focus Areas

- Introduction to packages in Python
- Numpy, Pandas, EDA
- Supervised & Unsupervised Learning
- Linear Regression, K-Means
- Support Vector Machine, Random Forest Algorithm
- Reinforcement Learning

## Program Features

- 10.30AM-12.30PM daily Live instructor hands-on Session.
- Lecture & hands-on session from Industry Experts.
- Career guidance session from Industry Experts.
- Access to learning materials & video lectures.
- E-Certificate will be provided to all the active students.

## Prerequisites

- No experience is required, but fundamental of python would be beneficial.

## Registration Link:

<https://forms.gle/7iZXgbEmxcXz4N3T6>

## Registration Fees:

There is no registration fees.

## Who Should Attend?

Program is open to faculty member/research scholars /PGstudents from colleges /university.

## WhatsApp Group Info.

[https://chat.whatsapp.com/EuKl8nC\\_x6nADqXhNfBC7o7](https://chat.whatsapp.com/EuKl8nC_x6nADqXhNfBC7o7)

## Tentative Schedule:

- Last Date of Registrartion:16.08.2020(2PM)
- Course Date: 17.08.2020-21.08.2020  
(10.30AM-12.30PM Hands on Session)
- Inaugural Ceremony- 10.30AM



### About GCEK

Our college was established in the year 2009 as an integral part of the BPUT. An accredited, comprehensive college the government college of engineering ,Kalahandi offers a competitive learning. Focusing on different aspects of engineering students here are a part of active learning system.It challenges the students with realistic approach such as internships, acedemic & career counseling. Admidst the beautiful city of Bhawanipatna each individual student connects here with the world with their full acedemic abilities.

### About CSE Department

The Department of Computer Science was started from 2009 with the inception of institution, with an aim to produce high quality Computer Science graduates to serve the nation. We know a good teacher can lead towards the paths of enlightenment of knowledge. Our professors are highly prosperous in terms of knowledge having their highest degrees from reputed institutes like IITs and NITs. Department has well- equipped laboratories and state-of-art facilities for development of both students and faculties. We strive to provide our students with outstanding educational experience that prepares them for the highest professional & personal achievements opened up in the world.

## Organizing Committee

### Chief Patron

**Dr. C. R. Tripathy**

Vice Chancellor, BPUT Odisha

### Patron

**Dr. Dulu Patnaik**

Principal, GCE, Kalahandi

**Dr. R.D. Kokate**

Principal, GCoE Jalgaon

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**Prof. Dilip Ranjan Nayak**

HoD, Department of CSE

**Dr. Chitaranjan Dash**

TEQIP Coordinator

### Coordinator

**Prof. Arabinda Panda**

Assistant Professor, CSE

**Prof. Rajendra Prasad Nayak**

Assistant Professor, CSE

### Organizing Members

**Dr. Basanta Kumar Swain**

Asst. Prof, Dept. of CSE

**Prof. Gopal Behera**

Asst. Prof, Dept. of CSE

**Prof. Ashok Kumar Bhoi**

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**Prof. Lal Singh Kalundia**

Asst. Prof, Dept. of CSE

**Prof. Ratnam Dodda**

Asst. Prof, Dept. of CSE

## Pioneer in the Tech world..

### Diginique Techlabs

- **Diginique Techlabs** is an India's leading organization in the modern age technologies. The speakers of this program are esteemed members of Diginique Techlabs who will be making a genuine impact on learning technologies like AI, ML, IoT. Diginique offers strategic training for the certification skills required to support modern age learners.
- The participants joining the workshop will have a thrilling experience, why thrilling, if u ask then the answer to this is they have already conducted workshops in **IIT Roorkee, IITRopar, IIT Dharwad & many more**

### About the Speaker

"Technology is just a tool. In terms of getting the kids working together and motivating them, The teacher is important" –Bill Gates.

One such person is **Mr.Bipul Shahi**,having a strong technical background. He is the **Chief Technical Officer (CTO)**of **Diginique Techlabs** having an expierence of more than 6 years in the field of AI, ML & IoT.



With an attitude of "**learn and let all people**" he had delivered many talks in numerous institutions. However we are acquainted with the world where technology is the future of mankind, We welcome interested participants and assure them that they will be leaving the room with the feeling that it was worth while of their investment of time & they will be leaving the room with more knowledge they had when they entered the room.  
**All the best lucky ones.** 👍

### Any Queries? Reach us at:

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