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TEQIP-III SPONSORED

**THREE DAYS WORKSHOP
ON**

**“PYTHON PROGRAMMING: BASICS &
APPLICATIONS -2020”**

25th-27th January, 2020



**Department of Computer Sc. & Engineering
Government College of Engineering, Kalahandi,
Bhawanipatna**

GCE, KALAHANDI AT A GLANCE:

Government College of Engineering, Klahandi, Bhawanipatna was established in the year of 2009. The institute is located at the district headquarter of Kalahandi, Bhawanipatna. GCEK, Bhawanipatna is committed to the challenging task of technical education and research by providing graduates with innovative thinking and technical skills. GCEK Bhawanipatna offers B.Tech in Electrical Engineering, Mechanical Engineering, Civil Engineering and Computer Sc. and Engineering. GCEK, Bhawanipatna received the CMAI award of “The best government engineering institute of rural area in Odisha” and excellent upcoming government engineering college in Odisha.

OUR DEPARTMENT:

The Department of Computer Sc. and Engineering was started in the year 2009. Our Department continuously works on enhancing our under graduate students as per the requirements of Industry and Society at large. The faculty members of the department are well qualified having their highest degrees from reputed institutes like IITs and NITs. We strive to provide our students with outstanding educational experience that prepares them for the highest professional and personal achievements.



ABOUT THE WORKSHOP:

Python is a high-level, general-purpose programming language. We can use Python for developing desktop GUI applications, websites and web applications. Also, Python, as a high level programming language, allows us to focus on core functionality of the application by taking care of common programming tasks. The simple syntax rules of the programming language further makes it easier to keep the code base readable and application maintainable.

COURSE CONTENTS:

- Overview of Python
- Python Introduction
- Data Types & Operators
- Control statements, Standard I/O Operations
- Functions
- Sequences: Tuples, Lists, Sets
- Dictionaries, Strings & Operations
- Data structures, NumPy, Matplotlib
- Advanced concepts in ML/AI

Invited Speakers:

Mr. L Ravi Kumar

Senior Developer, Strategy 64 Pvt. Ltd.
Hyderabad, Telengana (India)

Mr. D. Syam Sundeep

Devloper, TCS Pvt. Ltd.
Hyderabad, Telengana (India)

Contact Details:

Website: www.gcekbpatna.ac.in

Prof. Ratnam Dodda : 9985247447

Prof. Ashutosh Bhoi : 7978730236

Prof. Arabinda Panda : 7738388188