Chief Patron

Prof. S. K. Nayak

Chairman, BOG

Patron

Prof. D. Patnaik

Principal, GCEK, Bhawanipatna

Chairman

Dr. B. K. Swain

Asst. Professor & Head, CSE Dept.,

GCEK, Bhawanipatna

Convenor

Prof. G. Behera

Asst. Prof., CSE Dept., GCEK Bhawanipatna

Co-Convenor

Prof. R. P. Nayak

Asst. Prof., CSE Dept., GCEK Bhawanipatna

Prof. A. K. Bhoi

Asst. Prof., CSE Dept., GCEK Bhawanipatna

Resource Person

Prof. Gopal Behera Asst. Prof., CSE Dept., GCEK

Prof. R. P. Nayak, Asst. Prof., CSE, GCEK

 Dr. B. K. Swain, Asst. Prof., CSE Dept., GCEK.

Mr. Bhupendra Pandy, Lead Architect, Silver Oak Health

Organizing Members

Dr. B. K. Swain, HOD, CSE.

 Prof. D. R. Nayak, Asst Prof, CSE

Prof. Gopal Behera Asst. Prof., CSE, GCEK

Prof. R. P. Nayak, Asst. Prof., CSE, GCEK

Prof. Soumya Das Asst. Prof., CSE, GCEK

Prof. A. K. Bhoi, Asst. Prof., CSE, GCEK

Prof. A. Bhoi Asst. Prof., CSE, GCEK

Prof. L S Kulandia, Asst. Prof., CSE. GCEK

Prof. R. Chhotiya Asst. Prof., CSE, GCEK

Online Resources

1. https://www.python.org/
2. https://www.w3schools.com/python/
3. https://www.w3schools.com/python/python_ml_getting_started.asp

Government College of Engineering Kalahandi

Industry Oriented Short Term Course
On
"Python for Every One"
From 28th Nov to 3rd Dec, 2022

Organized By:

Department of CSE
Government College of Engineering, Kalahandi, Bhawanipatna

Venue:

Seminar Hall
Government College of Engineering, Kalahandi, Bhawanipatna

Inaugural Ceremony:

Date- 28.11.2022
Time-10:00 A.M

About the Institute

Government College of Engineering, Kalahandi (GCEK) was established in the year 2009 by an act of Govt. of Odisha and stands a humble spectacle where tradition meets modernization; aspiration meets inspiration, where our aim is to keep scaling new heights. Functioning as an affiliated college of Biju Patnaik University of Technology (BPUT), Rourkela, Odisha, the college offers 4 years Under Graduate B.Tech degree programmes in Civil Engineering, Computer Science & Engineering, Electrical Engineering and Mechanical Engineering. GCEK also offers Master's degree in Thermal Engineering and Power System Engineering. The institute has been successful in keeping itself up to the standards by surpassing the expectation in producing a brand of engineers capable of adapting all over the world. The exact location is besides the NH-201 (Bargarh-Boriguma), about 5 Km away from Bhawanipatna on the way to Junagarh.

About Computer Science and Engineering Department

The Department of Computer Science & Engineering was started from 2009 with the inception of institution, Government College of Engineering Kalahandi with an aim to produce high quality Computer Engineering graduates to serve in different organizations. The Department offers B.Tech degree in CSE with intake strength of 60. The faculty members of the department are well qualified having their highest degrees from reputed institutes likes IITs, NITs and IIITs. Department has well- equipped laboratories and state-of-art facilities for development of both students and faculties. The departmental vision is to accomplish excellence in Computer engineers through innovation and research to serve the Nation.

About the Course

Python is a popular general-purpose programming language that can be used for a wide variety of applications. It includes high level data structures, dynamic typing, dynamic binding, and many more features that make it as useful for complex application Development as it is for scripting or "glue code" that connects components together. It can also be extended to make system calls to almost all operating systems and to run code written in C or C++. Due to its ubiquity and ability to run on nearly every system architecture, Python is a universal language found in a variety of different applications.

Course Objective

1. To acquire programming skills in core Python.
2. To acquire Object Oriented Skills in Python.

Modules:

Module 1: Introduction

1. How is Python? (History)

2. What is Python?

3. Why is Python?

4. Where is Python?

5. Development Setup: Install Python

Module 2: Variables and Data type
1. Python Fundamentals
2. Variables
3. Data types: String, Integer, Boolean, Float
4. Operators

Module 3: Statement

1. Conditional Statement

2. Looping Statement

3. Nested Loop

4. Control Looping

5. Break and Continue

Module 4: Numbers & Arrays in Python

1. Numbers (math-module & random-module)

2. Array-module

Module 5: Collections (Data-Structures) in Python

1. String in Python

2. List in Python

3. Tuple in Python

4. Set in Python

5. Dictionary in Python

Module 8: Career Guidance

Who can attend?

1. Undergraduate/post graduate students

2. Teachers

3. Research scholars.

Registration Fee

Students / Faculty Participant: Rs. 300/-

The Registration fee includes training kit, tea.

Contact Details:

Email:
gbehera@gcekbpatna.ac.in
Prof. G. Behera: 7008707688
Prof. R. P. Nayak: 9078355780