

CHIEF PATRON

Prof.(Dr.) Dipak Kumar Sahoo
Vice Chancellor
VSSUT, Burla

PATRON

Prof. G. Nath
Dean, CDCE

CONVENER

Dr. Santi Kumari Behera
Assistant Professor
Department of Computer Science & Engineering

CO-CONVENER

Atul Vikas Lakra
Assistant Professor
Department of Computer Science & Engineering

CO-ORDINATOR

Sanghamitra Jena
Assistant Professor
Department of Civil Engineering

REGISTRATION DETAILS

Registration Fee:

VSSUT Faculties & Scholars – Free
Other than VSSUT – Rs. 1000/-

Online registration should be done at the below-mentioned link before 15 May, 2025.

- Enrolment will be on First come, first-Serve basis
- Certificates will be issued to participants who attend all the sessions.
- [Registration Link](#)

ADVISORY COMMITTEE

Prof. Harish Kumar Sahoo
Dean, Faculty & Planning

Prof. Sanjay Agrawal
Dean, Academic Affairs

Prof. Rabindra Kumar Sahu
Dean, Post-Graduate Studies & Research

Prof. Rakesh Roshan Dash
Dean, Students' Welfare

Prof. Sukalyan Dash
Dean, Sponsored Research & Industrial Consultancy

Prof. Ramakanta Panigrahi
Dean, Alumni & International Relations

ORGANIZING COMMITTEE

Dr. Suvasini Panigrahi
Associate Professor & PG HOP

Dr. Pradip Kumar Sahu
Associate Professor & UG HOP

Dr. Sumitra Kisan
Assistant Professor

Dr. Sanjib Kumar Nayak
Assistant Professor

Mrs. Alina Mishra
Assistant Professor

Mrs. Alina Dash
Assistant Professor

Dr. P. K. Das
Assistant Professor

Dr. P. K. Jena
Assistant Professor, ME

Mr. Suresh Kumar Srichandan
Assistant Professor



One Week

Faculty Development Programme (FDP)

on

**"Python:
Fundamentals To
Advanced Applications"
(Python : F2AA - 2025)**

19th to 23rd May 2025

Organised by:

**Centre for Distance & Continuing Education
(CDCE)**

Veer Surendra Sai University Of Technology

Sidhi Vihar, Burla, Sambalpur- 768018

www.vssut.ac.in

ABOUT THE UNIVERSITY

Veer Surendra Sai University of Technology (VSSUT), established in 1956 in Burla, Odisha, holds the distinction of being the oldest engineering college in the state. Originally the University College of Engineering (UCE), it transitioned into an autonomous unitary university in 2009. Situated near the Hirakud Dam, the 500-acre campus offers a serene academic environment.

VSSUT provides a diverse range of programs, including B.Tech, M.Tech, M.Sc., MCA, and Ph.D. across various engineering and science disciplines. The university boasts well-equipped laboratories, a comprehensive library, and modern IT infrastructure.

ABOUT CDCE CELL

The Centre for Distance & Continuing Education (CDCE) at VSSUT Burla plays a vital role in bridging the gap between academia and industry. CDCE in the development and upgradation of skills and knowledge of the aspirants regarding technology, management, or any other area of specialization. The main idea behind Faculty Development Programs (FDPs) is to "upskill" academic educators and keep the curricula of various programs at our university updated to keep pace with the changing demands of the industry. CDCE regularly organizes training programs, workshops, and expert seminars to enhance technical and soft skills.

OBJECTIVES

The objectives of the Faculty Development Program (FDP) on "Python : Fundamentals to Advanced Applications" are to provide a comprehensive understanding of Python programming from basic to advanced levels, offer practical hands-on experience, and enable faculty members to integrate Python into their curriculum effectively. Additionally, the FDP aims to discuss the latest industry trends and applications of Python, enhance teaching capabilities, and promote collaborative learning and research development in various fields.

COURSE CONTENTS

- Introduction to Python
- Python Essentials, Managing Input and Output
- Control Flow, Modules and Packages
- Data Structures
- Functions, Object-Oriented Programming
- Exception Handling
- Strings and Regular Expressions
- File Handling
- Advanced Applications

RESOURCE PERSON

Prof. Ramesh Mohapatra

Associate Professor,
Dept. of Computer Science & Engineering,
NIT Rourkela

Prof. Prasenjit Dey

Asst. Professor,
Dept. of Computer Science & Engineering,
NIT Rourkela

Prof. Santosh Kumar Majhi

Associate. Prof, CS,
Central University Bilaspur

SCHEDULE

DAYS	8.00 AM 9.00 AM	9.00AM 10.00 AM	10.00AM 10.30 AM	10.30AM 12.30PM
Monday (19-05-2025)	Beginning Python Basics	Beginning Python Basics	BREAK	Hands-on Python Installation and Basic Syntax
Tuesday (20-05-2025)	Conditional Statements and Loops	Conditional Statements and Loops	BREAK	Hands-on Control Structures and Modules
Wednesday (21- 05-2025)	Arrays, Strings, and Lists	Arrays, Strings, and Lists	BREAK	Hands-on Data Structures
Thursday (22-05- 2025)	Tuples, Sets, and Dictionaries	Tuples, Sets, and Dictionaries	BREAK	Hands-on Advanced Data Structures and Functions
Friday (23-05- 2025)	Object-Oriented Programming and Exception Handling	Object-Oriented Programming and Exception Handling	BREAK	Hands-on OOP, Exception Handling, File Handling, and Introduction to Machine Learning