BIT Sindri, Dhanbad

in association with

Spoken Tutorial, IIT Bombay

Present

Two Weeks Online FDP (self-paced) on Open Source Tool: Python

(5th Oct. 2020 to 16th Oct. 2020)

This FDP is intended to throw light on Python 3.4.3, which is a Free/Libre and Open Source Software (FLOSS) tool. Python is easy to learn and fast to develop in. It requires less effort to write a program using Python than other languages like C++ or Java. Since the past few years, Python is being widely used across the globe for academic research. In this ongoing COVID-19 pandemic FLOSS tools have gained prominence as they can be accessed anywhere without license issues. This FDP can serve as a resource to train faculty to use Python for teaching and academic research.

Organising Committee

Patron:
Prof. D. K. Singh, Director, BIT Sindri
Convener:
Prof. Upendra Prasad, PC-TEQIP, BIT Sindri
Ms. Shyama Iyer, National Training Coordinator, Spoken Tutorial, IIT Bombay
Dr. S. C. Dutta, Chief Nodal Coordinator, Spoken Tutorial Classes, BIT Sindri
Program Coordinators:
Mr. Matta Mani Sankar, Prof. In-charge NMEICT, BIT Sindri
Mr. Anantha Raj P, Asst. Prof., IT Department, BIT Sindri
Mr. Rudra Biswas, Training Manager, Spoken Tutorial, IIT Bombay

Registration

Registration Link:
https://forms.gle/MgeYpQFfCfJwiaJA6
Last Date to Register: **03/Oct./2020**
Registration Fee:
Internal Faculty (BIT Sindri): Nil
External Faculty: **Rs.590***
Account Details:
A/c Beneficiary Name: Registrar, IIT Bombay
A/c Number: 2724101113370
Bank Name: Canara Bank
Branch: IIT Powai
IFSC Code: CNRB0002724

* Faculty members from institutes that have active subscription of "Spoken Tutorial" are exempted from the registration fee

About Python

Python is a general-purpose, high-level, remarkably powerful dynamic programming language that is used in a wide variety of application domains. Python supports multiple programming paradigms, including object-oriented, imperative and functional programming styles.

Features of Python:
Easy to read and learn
Free/Libre and Open Source
Useful for scientific computing
Powerful interactive interpreter
Extensive scientific libraries
Well documented

Applications of Python:
Numeric and Symbolic computation
2D/3D Plotting
Useful for scientific computing
User interfaces
Parallel computing
Machine learning & Image Processing
Game development
Web Development
And Much More

Details of Training

- The FDP is a self-paced online FDP on the Open Source Tool: Python 3.4.3
- Video slides from Spoken Tutorial library will be shared on daily basis
- Faculty can learn the content from the video slides at their convenient time
- It is required that participants should have a laptop/Desktop computer with good internet connection
- E-certificates will be provided after successful completion of evaluation tests

Contact

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