

DEPARTMENT OF COMPUTER ENGINEERING

In association with
**ACM Goa Professional Chapter and
iSIGCSE Chapter**

2 Day workshop on **Deep into Python** For Faculty

19th and 26th February 2022

Coordinators

Prof. Chitra Babu

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For more details refer to the website:

www.dbcegoa.ac.in
goa.acm.org

Registration form link

<https://forms.gle/UWGtJ2nwwCtsEKra9>

Deep into Python

Python has become the most popular language. Interested learners find this language easy to learn. But they do miss out on finer points. This workshop proposes to address these lacunae and discuss finer points of Python.

Duration: 8 hours

Pre-requisites : Basic knowledge of programming
Basic Knowledge of Python
Language

Content: Part 1 :

- Value and reference types in Python
- Life time – reference counting
- Parameter Passing of value and reference type
- Insight into the for loop
- Hands on : programming exercises
: setting questions

Part 2 :

- Life and scope of variables and functions
- Function, activation record and closure
- Engineering decorator
- Understanding lazy evaluation
- Hands on : programming exercises
: setting questions

Each part shall have lecture-cum-demonstration followed by hands-on sessions. In the hands-on session, the participants shall try solving a few programming problems and shall also attempt setting a few MCQs.

No Registration Fee



ABOUT THE SPEAKER:

N S Kumar has a Bachelor's degree in Mechanical Engineering and a Master's degree in Computer Science. He was a scientist in ISRO and in 1988 he started his own company called Hitech Computer Institute which ran successfully for 10 years. He joined SystemLogic in 1998 and was promoted to General Manager in 1999. On his departure from SystemLogic he now serves as Director of M/s Kumaradhara Consultancy Pvt Ltd. He is at present a visiting professor in the department of Computer Science at PESU, Bangalore. He is also active in ACM and is the vice-chair of iSIGCSE – Indian chapter of special interest group in Computer Science Education.

He is well known as a trainer offering training in various skills to number of Corporates in and outside Bangalore. He has a unique method of training where no slides are used and solutions are developed right from scratch in front of the participants. His lectures are interactive and he involves the participants throughout the sessions. His talks make the participants think and also make them gain a very deep insight into the subject being taught.