Online Short Term Training Programme (STTP)
on
"Python and its Implementation in Machine Learning"

30 Nov. - 04 Dec. 2026



Organized by

Department of Mathematics,

S. V. National Institute of Technology, Surat - 395007, Gujarat,

India

In Association with the
CCE, SVNIT

ABOUT SVNIT

The Institute, one of the pioneering engineering institutions of the country, was established in 1961 as Sardar Vallabhbhai Regional College of Engineering & Technology and was given a status of National Institute of Technology, in 2002. At present, the Instituteoffers eleven (11) B. Tech. Degree Programmes, twenty-one (21) M. Tech. Degree Programmes, three (03) Five Years Integrated M.Sc. Degree Programmes in Chemistry, Mathematics & Physics, One (01) Five Years Integrated B.Tech and M.Tech Degree Programme and Master of Business Administration in Business Analytics. Institute offers Doctoral Degree Programme in Engineering, Science, Management and English. Institute also offers M. Tech (R) in all the engineering disciplines.

The Department of Mathematics has always believed in striving for excellence in research and teaching and succeeded in this endeavour to a large extent. Over the years, the department has evolved as one of the epicenter of research in Gujarat, India.

In the pursuit for research the Faculty members of the department have covered a vast area such as Numerical & Classical methods in fluid mechanics, Special functions, Integral Transforms, Approximation theory, Operator theory and Fuzzy logic, Mathematical Modeling, Numeric of differential equations, Fractional differential equations, Mathematical and Computational Biology, Bioinformatics, Statistics, Algebra, Queuing theory etc.

ABOUT CCE

Center for Continuing Education (CCE) was established in Feb-2017 at SVNIT with Prime objective to imparting skill developing training programs to faculty, research scholars, UG/PG students, industry professional through planning and organizing Workshop/STTP/Expert talks on the concept of Self-Sustainability approach as per MHRD Guide-lines.

CHIEF PATRON

Prof. Anupam Shukla

Director,
SVNIT, Surat.

PATRON

Dr. Jayesh Dhodiya,

Associate Professor & Head

Department of Mathematics, SVNIT, Surat.

COORDINATORS:

Dr. Saroj R. Yadav

Dr. Sourav Gupta,

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SVNIT, Surat.

PROGRAMME OBJECTIVE

Python is a widely used high-level, general purpose, interpreted, dynamic programming language. Its design philosophy emphasizes code reliability, and its syntax allows programmers to express concepts in fewer lines of code. This makes Python one of the most popular programming languages, widely used for data analysis and modelling, so becoming the leading choice for scientists and engineers.

Python works as a simple programming language for beginners, but more importantly, it also works great in scientific simulations and data

analysis. This training program on Python programming language aims to show how clean language design, ease of extensibility, and the great wealth of open source libraries for scientific computing and data visualization are driving Python to become a standard tool for the programming scientist.

This training program is targeted at Master or Ph.D. students, Post-docs, Faculties, Engineers & Researchers from all areas of science. In these five days, first two days aims to introductory sessions followed by a selection of advanced programming techniques and best practices which are standard in the industry, but especially tailored to the needs of a students, faculties engineers and scientist. Lectures are devised to be interactive and to give enough time to acquire direct hands-on experience with the materials.

What You'll Learn

- Basics of Python Programming
- Mathematical libraries, Visualization
- Stats libraries in Python
- Machine Learning in Python

WHO CAN ATTEND?

Though there is no limit, this training program is open to

- Academician , Researchers & Engineers
- Industry personnel
- Research Scholars, Post-docs
- PG students

❖ Participants are advised to keep laptops for hands-on practice during all sessions.

❖ The certificate of participation will be issued to all candidates after completion of the program.

❖ Time: 10:30 AM Onwards (Daily)

RESOURCE PERSONS

The lectures in the course will be delivered by eminent personalities and experts in the area from IITs, NITs, SVNIT Surat and other reputed academic institutions and universities from India and abroad.

REGISTRATION

Details of account for Program Fee Submission:
Account Holder name: **Director, SVNIT-CCE**
SBI Account Number: **37030749143**
Branch Name: **SBI, SVRCET Branch**
Bank IFSC : **SBIN0003320**
NOTE: Please mention "**STTP-Python (DoM)**" in the description/ remark during payment and attach payment proof while registering through Google Form.

SCAN HERE TO PAY

- **Online Registration link:** [Click for Registration]

Google Meet link will be shared with the participants before the beginning of the programme.

Last Date of Registration: 25-11- 2026

Registration Fee

UG/PG/Ph.D. Scholars (500+18% GST)	**:**	**590/-**
Faculty (1000+18% GST)	**:**	**1180/-**
Industry Delegates (3000+18% GST)	**:**	**3540/-**

ORGANIZING COMMITTEE

Chief Patron: Prof. Anupam Shukla

Patron: Dr. Jayesh M. Dhodiya

Coordinators:
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