

REGISTRATION FOR THE STTP

Faculty members, industry persons and research scholars from universities or institutions of India are eligible in this programme.

Link for registration:

https://docs.google.com/forms/d/e/1FAIpQLSei6Uj8DGUCaCAzbmAXp8PbTcE4TzhyRIVpHkQ0Z0rFFg0t6Q/viewform?usp=sf_link

MAXIMUM PARTICIPANTS

Maximum 100 participants are allowed to attend this online STTP on FCFS basis.

No registration fee.

E-CERTIFICATES

E-certificates will be issued to only registered, eligible (80% attendance & 60% test score) participants after filling the feedback form.

BROAD TOPICS TO BE COVERED

- Basics of Python
- Python for Machine Learning
- Accessing Data from Social Networking Sites using Python
- Use of Python in NLP
- Hands on Training on ORANGE tool for Data Visualization & Optimization

CORRESPONDENCE

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Department of Computer Science & Engineering

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1. **Col. B. Venkat**
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**AICTE-MRSPTU Sponsored
One Week
Online Short Term Training
Programme**

On

**“PYTHON
PROGRAMMING”
(15th- 20th March 2021)**

Organized by

Department of
Computer Science & Engineering
Giani Zail Singh Campus College of
Engineering & Technology



Maharaja Ranjit Singh Punjab Technical
University (MRSPTU) Bathinda-151001,
Punjab, India

ABOUT THE INSTITUTE

Established in 1989, “GZSCCET, MRSPTU”, Bathinda is the oldest AICTE approved engineering organization in the government sector in the state of Punjab. It was granted administrative autonomy in 1992. Erstwhile, A second campus of IKGPTU, Jalandhar in 2011, presently it is one of the constituent colleges of MRSPTU, Bathinda with over 30 years of experience in imparting technical education, this premiere institute provides an excellent academic environment under the able guidance of qualified/experienced faculty. Today, the institute provides education leading to the awards of B.Tech, M.Tech & Ph.D in the various disciplines of engineering including computer science, civil, electrical, electronics and communication, mechanical and textile. With a strong alumni base with global connect, institute provides flexible “choice based credit system” with optional additional “minor engineering” and “Honors in Engineering” on the lines of IIT pattern.



ABOUT THE DEPARTMENT

Department of Computer Science & Engineering established in 1997. Presently the department is running the courses of B.Tech, M.Tech & Ph.D. Department also has AICTE-QIP centre for undertaking full-time PhD. It provides excellent human resource facility to carry out research work in the field of computer engineering. The broad areas of research and academic activities are Machine Learning, Digital Image Processing, Wireless Sensor Networks, Network Security,

Natural Language Processing, Cloud computing and other areas. It provides research and training in the emerging areas of computer science and has credit in several reputed research publications in peer-reviewed International and National journals and conferences. It offers several platforms like COMPKRITI & TECHNOMANIA for all round development of students.



MRSPTU-AICTE MoU & COLLABORATION

Maharaja Ranjit Singh Punjab Technical University, Bathinda is a state affiliating Technical University, Established by Govt. of Punjab, established by Govt. of Punjab vide Punjab Act No. 5(2015) u/s 2(f) and approved u/s 12B of UGC Act, 1956. It caters to Education spreading over the faculties of Sciences, Engineering & Technology, Architecture, Hospitality and Tourism Management, commerce & Management. It offers UG, PG and Doctoral programmes in various disciplines of Engg. & Tech, Architecture & Planning, Management, Sciences, Pharmacy, Food Science, and Skill Development Programmes. MRSPTU has signed a MoU with AICTE on 20th Nov 2018 with validity of 5 years, to conduct Faculty Development Programmes in the globally upcoming areas of Engg. & Tech., for the enhancement of skills of various stakeholders in imparting Technical Education in AICTE approves Institutions. Set up in Nov 1945, AICTE is a National level Council for Technical Education under the department of higher education, Govt. of India. It has the

mandate for promotions, regulation, planning and coordinated development of Technical Education system throughout the country. This STTP is a humble attempt in this direction.

ABOUT THE STTP

The Python Programming is a Programming Language. Participant will learn basics and advance part of programming, which is currently a booming trend in industries. Python is a general-purpose language. It has wide range of applications from Web development (like: Django and Bottle), scientific and mathematical computing (Orange, SymPy, NumPy) to desktop graphical user Interfaces (Pygame, Panda3D). Python is perfect for machine learning, complex data analysis and visualization. The syntax of the language is clean and length of the code is relatively short. It's fun to work in Python because it allows you to think about the problem rather than focusing on the syntax. Participant will get to learn Programming, enhance research skills and get knowledge of Python in the workshop.

