



**Sanjay Ghodawat University, Kolhapur  
Maharashtra, India**



**One Week S.T.T.P on  
Programming Techniques Using Python & MATLAB**



**Sponsored by  
A.I.C.T.E - I.S.T.E, New Delhi  
March 1 - 5<sup>th</sup>, 2021**

**Sanjay Ghodawat University**



**Kolhapur**



**A.I.C.T.E**



**S.G.U**



**I.S.T.E**



**Organized by**

**Department of Electronics Engineering  
Sanjay Ghodawat University, Kolhapur**

**Kolhapur - Sangli Highway, Atigre, Dist: Kolhapur - 416 118,  
Maharashtra, India**

# About Sanjay Ghodawat University:

The Sanjay Ghodawat University (SGU) is established in the Academic Year 2017-18. It is established as a State Private University under Govt. of Maharashtra Act No. XL of 2017 dated 3rd May 2017, with the approval of the UGC and the state Government. Academic Council of SGU governs the rules and regulations for the smooth conduct of academic programs with the approval of Governing Council of SGU, which shall continuously monitor the programs and makes appropriate amendments in the rules and regulations as per requirements whenever required. Various committees constituted as per the act will recommend the curriculum, addition/deletion of courses, assessment system, discipline and conduct of students to AC, to ensure that the quality of upgradation and the relevance of the program are maintained to meet the present changes that are taking place at different levels of higher education system. SGU has constituted its own Academic Council, Academic Advisory Committee, Finance Committee, Library committee, Department under Graduate Committee, Class Committee, Evaluation Committee, Marks Finalization Committee, Mal-Practice Committee, Grievance Redressal Committee, Standing Disciplinary Action Committee, and Hostel Committee etc. All these committees ensure that the university functions as per the norms laid down by the UGC / State Government and such other regulatory bodies.

"For the true measure of giving is giving without measure." Spread across 150 Acres, Sou. Sushila Danchand Ghodawat Charitable Trust's Sanjay Ghodawat University (SGU) is situated in serene atmosphere amidst idyllic hills and lush green meadows to study in harmony with Nature. The Institution aspires to run along the lines of best-in- the-world education and become a world-class institution where teaching-learning process gets a far deeper meaning. Sanjay Ghodawat University, Kolhapur (SGU) stands for performance par excellence. World over where it is commonplace to see mediocrity as the order of the day, SGU always stands as the guiding star of brilliance, quality and deliverance beyond expectations. Innovativeness and Creativity are the hallmarks of a genius enterprise and SGU stands to be a stage where these qualities would be nurtured, encouraged and blossomed.



Sanjay Ghodawat University Kolhapur

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Shri. Shrenik S. Ghodawat, Secretary SGU Kolhapur

Shri. V.V. Bhosale, Trustee SGU Kolhapur

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Associate Professor, Department of Electronics Engineering,

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# Co-Convener:

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Assistant Professor, Department of Electronics Engineering,

Sanjay Ghodawat University, Atigre, Kolhapur

# Organizing Committee:

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**Last Date to Apply:**  
**20<sup>th</sup> Feb 2021**

**Participation**  
**Confirmation:**  
**21<sup>st</sup> Feb 2021**





# About the Workshop:

Python is high-level interactive object oriented programming language. It is a versatile language which can be used for web development, data analysis, scientific computing & designing of graphical user interface.

MATLAB is a highly preferred programming language for scientific and engineering calculations. With the help of advanced tools available in MATLAB such as toolboxes, Simulink and graphical user interface, it is possible to develop an applications in quick time. This workshop will provide you an ideal stepping stone for further developing programming skills in Python & MATLAB.

## Topics to be covered:

- Introduction to Python programming, Variable & Operator types, type conversion
- Conditional statements , Functions, Iterations in Python
- Working on Strings, Collection Data Types
- Data Visualization in Python
- Classes in Python
- Introduction to basic programming in MATLAB
- Scalar, vectors and variables & functions in MATLAB
- Advance Programming using Graphical User Interface in MATLAB

## Eligibility Criteria:

Participation in this STTP is open to the Students (PG/Research Scholars), and faculty members of Science and Engineering streams. It is also open to the Mathematicians, Scientists and Engineers who are working in the R&D organizations, industry and who wish to gain a basic understanding of the concepts involved.

## How to Apply:

Category	Fee	
	ISTE Members	Non - ISTE Members
Students (PG/Research Scholars)	Rs. 400	Rs. 500
Faculty/Staff	Rs. 500	Rs. 600
Industry Person	Rs. 600	Rs. 700

Account Details: (Registration fee once paid is non - refundable)

Bank Name:  
YES BANK LTD (Jaysingpur Branch)  
Account Holder Name: SANJAY  
GHODAWAT UNIVERSITY  
Account Number: 087194600000051  
IFSC Code: YESB0000871

**Last Date to Apply: 20<sup>th</sup> Feb 2021**

**Participation Confirmation:  
21<sup>st</sup> Feb 2021**

Scan this QR code for Online Registration



<https://tinyurl.com/yxbh5p46>