

Programme Schedule

Time	Topics
Day 1 - 11.09.2025, Thursday	
9:30 AM to 10:00 AM	Inauguration by Dr Sarat Kumar Maharana Professor and Dean, FET, RUAS
10:00 AM to 11:30 AM	Python Basics
11:45 AM to 1:15 PM	Data Structures
2:15 PM to 4:15 PM	Control Flow and Functions
Day 2 - 12.09.2025, Friday	
10:00 AM to 11:15 AM	OOP - Designing reusable structures
11:30 AM to 12:30 PM	OOP- Modular programming
1:30 PM to 3:00 PM	Statistics for ML - Regression Analysis
3:15 PM to 4:45 PM	Statistics for ML - Bayesian Inference
Day 3 - 13.09.2025, Saturday	
10:00 AM to 11:30 AM	Error handling and Math using Numpy
11:45 AM to 1:15 PM	Numpy (contd.) and Data Visualization
2:15 PM to 3:45 PM	Data wrangling
4:00 PM to 4:30 PM	Valedictory

Registration Fee

Online: INR 100

Offline: INR 300

Registration Link

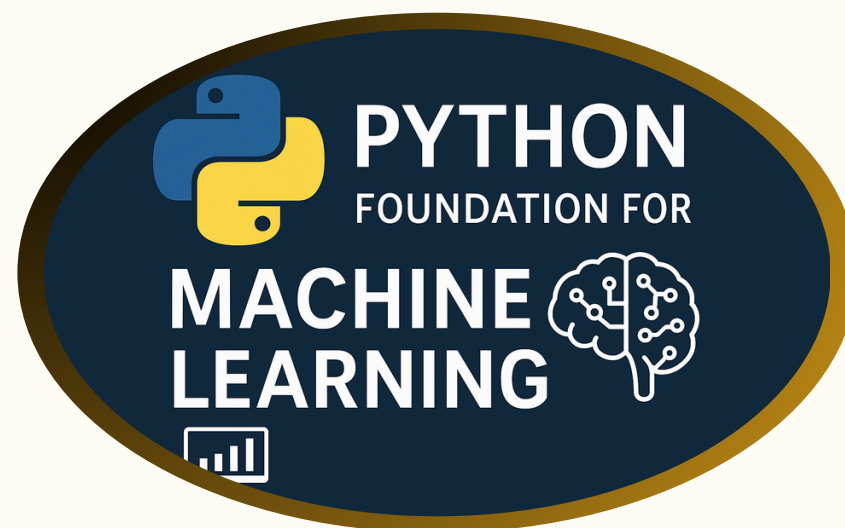


<https://tinyurl.com/wspyaml>



Department of Mathematics and Statistics
M. S. Ramaiah University of Applied Sciences

Cordially invites you to a workshop on



11-13 SEPTEMBER 2025
9:30 AM Onwards

VENUE:

D-502 , Computer Laboratory,
Ramaiah Technology Campus,
Peenya, Bengaluru

DEPARTMENT OF MATHEMATICS AND STATISTICS

The Department of Mathematics and Statistics, established in 2014, enhances analytical and reasoning skills through student-centric teaching. It offers an M. Sc. in Mathematics and Ph. D. programs, encouraging independent thinking and lifelong learning. During the M.Sc. program, students may choose to specialize in Fluid Mechanics, Statistics, or Machine Learning.

The department brings together a team of highly qualified and research-focused faculty. It covers diverse areas such as Differential Geometry, Number Theory, Graph Theory, Analysis, Fractional Differential Equations, Fluid Mechanics, Wavelet Analysis, Solid Mechanics and Statistics. Actively engaged across sciences, engineering, management, social sciences, and pharmacy, it bridges theory and practice through interdisciplinary collaboration, fostering academic excellence and societal impact.

About the Workshop

This workshop introduces the fundamentals of Python programming with a focus on building essential skills for data handling. Participants will learn the basics of NumPy, Pandas, Matplotlib, and Statistics, enabling them to gain confidence in managing and visualizing datasets. It highlights the application of Python in data-driven problem solving and provides the groundwork necessary for exploring machine learning techniques.

RESOURCE PERSONS

Dr Prabhanjan Tattar

Statistician
Dataland
Bengaluru

Mr Shashank P

Data Analyst
Ace Designers Limited
Bengaluru

Dr P. Padma Priya Dharishini

Associate Professor and Program Head CSE
Department of Computer Science and Engineering, RUAS

Dr Venu K

Assistant Professor
Department of Mathematics
and Statistics, RUAS

Dr Sumanth Bharadwaj H. S.

Assistant Professor
Department of Mathematics
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PATRONS

Prof. Kuldeep Kumar Raina, Vice-Chancellor, RUAS



Prof. R. V. Ranganath, Provost - Engineering and Allied Sciences
and Dean Academics, RUAS

FACULTY COORDINATORS

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