

MANGALORE



UNIVERSITY

(Accredited by NAAC)

One Day National Level Skill Development Workshop on Python Programming



17th November, 2022

Venue

Centralized Computer Lab, Lecture Hall Complex
Mangalore University

Organized by

Department of Mathematics

Mangalore University, Mangalagangothri

Mangalore- 574199

Chief Patron:

Prof. P. Subrahmanya Yadapadithaya
Honorable Vice-Chancellor Mangalore
University, Mangalore.

Patron:

Prof. Kishore Kumar C K
Registrar
Mangalore University, Mangalore.

Organizing Committee:

Dr. Chandru Hegde.
Asst. Professor and Chirman
Department of Mathematics

Dr. Kishori P Narayankar
Asst. Professor,
Department of Mathematics

Mr. Mohana K. S.
Asst. Professor,
Department of Mathematics

Mr. Bhargava K.
Asst. Professor,
Department of Mathematics

Address for Correspondence:

The Chairman
Department of Mathematics
Mangalore University
Mangalagangothri - 574 199

Tel: +91990 0815699

email: mathematicsmu@gmail.com

About the University

Mangalore University campus at Mangalagangothri, located about 20 km to the south-east of the historic coastal town of Mangalore, sets the tone for the educational endeavors of the three districts under the jurisdiction of the University. It is a picturesque campus that sprawls over 353 acres, overlooking the confluence of the river Nethravathi with the Arabian Sea on one side, and the cloud-capped Western Ghats on the other. It grew out of a modest Postgraduate Centre of the University of Mysore to become the focal point of an independent University in 1980. The campus, which once housed only three postgraduate departments, now has 26 postgraduate departments, supported by modern infrastructure and experienced faculty. Mangalore University has grown impressively since its inception with 204 affiliated colleges. The University campus is a self-contained facility that provides all the essential facilities and infrastructure for the pursuit of excellence in higher education.

About the Department

The Department of Mathematics was started as a P.G. Centre of University of Mysore in 1968 and was initially hosted at K.R.E.C., Surathkal (presently known as N.I.T.K., Surathkal) to cater to the needs of the districts of Dakshina Kannada, Kodagu and Udupi. In the year 1972, the Department was shifted to the new campus at "Mangalagangothri". It became a full-fledged Department of Mangalore University form 1980. The Department offers M.Sc. and Ph.D. programmes in Mathematics. Over the years, the department is actively involved in research activities in the specialized areas like, Graph theory, Lattice theory, Algebra and Numerical Analysis. Conferences, seminars, workshops and invited talks are frequently organized to facilitate research and create academic ambience among the students.



What is Python ?

Python is a popular general-purpose programming language. The programming design philosophy emphasizes easy readability. The programming language supports multiple paradigms such as procedural, functional, and object-oriented programming and the language is comparable to other high-level languages such as Java, and C++. Python provides powerful features, ease of use, and a huge standard library. Python is one of the most useful languages in today's software development across many industries and academia.

About the Workshop

In the revised syllabi of M.Sc. Mathematics, to meet the present industrial requirements, Mangalore University has introduced Mathematics Practical using Python Programming Language. For the effective implementation of the syllabi, it is very necessary to train the teachers about the Python Programming language and its applications. Hence the department has planned to conduct series of skill development workshops for the teachers and research scholars.

Objectives of the Workshop

- To educate the targeted group about the Python Programming and its applications.
- Training participants to exercise various aspects of the Practical components in M.Sc. Mathematics Syllabi .
- To provide a platform to discuss and clarify doubts regarding the implementation of Python Programming as practical components in M.Sc. Mathematics

Target Group

1. PG teachers (mathematics) of affiliated colleges of Mangalore University.
2. Interested PG/UG teachers/Research Scholars of various Institutions.

Resource Persons



Prof. Ramananda H S

Professor, Department of Mathematics,
St. Joseph Engineering College
Vamanjoor, Mangaluru



Ms. Nandini Maninarayana

Asst. Professor, Dept. of Electronics &
Communications Engineering,
St. Joseph Engineering College
Vamanjoor, Mangaluru

General Instructions:

- ☐ Link for Registration :
<https://forms.gle/zafCzW1LtzM3kxGE9>
- ☐ Registration Fee: **Rs. 200/-** (Payable on spot on 17.11.2022)
- ☐ Accommodation is made available in the University Guest House upon the payment of Rs.300/- Per day.