



**M.O.P. VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)**

(College affiliated to University of Madras & Re-accredited
at 'A++' Grade with CGPA 3.56/4 by NAAC)
Chennai-600034

Celebrating 30 Years of Excellence in Education

DEPARTMENT OF COMPUTER SCIENCE

Organises

**5-DAYS NATIONAL LEVEL VIRTUAL
CAPACITY BUILDING PROGRAMME**

on

**PYTHON
FOR
DATA SCIENCE**

27th Oct, 2021 - 1st Nov, 2021

6:30 p.m. - 8:00 p.m.

REGISTRATION LINK

<https://forms.gle/QcRxXFq45YcjHRgH9>

ABOUT THE INSTITUTION

M.O.P. Vaishnav College for Women is committed to the goals of attracting and supporting top caliber women students in the areas of higher education. Since its inception in 1992, the college has recorded a phenomenal and continual growth. The college has been reaccruited by NAAC with an 'A++' grade. The college has the distinction of being one of the youngest colleges in the country to have been granted autonomy by the University Grants Commission.

ABOUT THE DEPARTMENT

The Department of Computer Science began its journey with the course, B.Sc. Computer Science in the year 1994 and Bachelors in Computer Application (B.C.A) in 1999. The Department has been offering the Post Graduate course, M.Sc. Information Technology since 2003. The Department offers first of its kind analytics programme B.Sc. Data Science at UG level from 2021. The USP of the Department has been 'Formulation and application of computational approaches to sculpt next generation computer professionals'. The following facilitate to achieve our USP.

- ▶ Focus on learning through practical oriented approach
- ▶ Emphasis on freeware tools and its usage
- ▶ Curriculum in line with industry that helps students to be industry ready

Workshops, Webinars and Seminars on trending topics are organized by the Department on regular basis to enable the students to update their knowledge and meet the industry expectations. The Department has achieved more than 90% placement in reputed companies that visited M.O.P. which include Deloitte, Cognizant, E&Y, Goldman Sachs, Infosys, Capgemini, Wipro etc. The Department recognizes the meritorious students and rewards them with various endowments and scholarships.

Commemorating the M.O.P. Vaishnav's 30 years of excellence in education, the Department of Computer Science has planned series of events like Capacity Building Programme, FDPs, Datathon Contest and its fifth edition of the International Conference ICCCMIT – 2021-22 for students which will serve as a platform to discuss, share and disseminate innovative and pioneering views on

ABOUT THE WORKSHOP

The 5-days National level Capacity building Programme 'Python for Data Science' will be held from 27th Oct 2021 to 1st Nov 2021. Python is a general-purpose, high-level, remarkably powerful dynamic programming language that is used in a wide variety of application domains by data scientists. The focus of the workshop is to imbibe industry relevant skills required to remain competent and relevant in the dynamic global environment. The Workshop takes the participants through the full spectrum of basics to advanced topics, equipping them with technical skills needed to get started with Data Science.

WORKSHOP

OBJECTIVES OF THE WORKSHOP

- ▶ To enhance the skill quotient of students for improved employability
- ▶ To create awareness on Data Science fundamentals.
- ▶ To provide instructor-led hands-on live manipulation of Data.
- ▶ To provide hands-on experience over Data Analytics using Python.
- ▶ To equip the participants with Data Visualization skills.

EXPECTED OUTCOMES

Upon successful completion,

- ▶ The participants will gain knowledge in Data Science with Python.
- ▶ The participants will understand data handling, analyze and visualize data using Python built-in Libraries.

RESOURCE PERSONS

1

Mr. RUPESH S
Data Analyst
Solverminds Solutions
and Technologies Ltd.

2

Mr. G.K. VISHAL RAGAV
Data Analyst
Thryve Digital

ELIGIBLE PARTICIPANTS

The online Workshop is open to UG & PG students, research scholars from all Universities / Engineering Colleges / Arts & Science Colleges across the nation.

GUIDELINES FOR PARTICIPANTS

- ▶ Registration is free. Online Workshop Timings: 6:30 p.m. to 8:00 p.m.
- ▶ Attendance is compulsory on all five days and Participants need to mark their attendance/feedback in the google form that will be circulated during all the sessions.
- ▶ E-Certificate will be issued to all active participants, after successful completion of the feedback on all five days.
- ▶ Workshop Gmeet Link will be sent to all participants through email after registration. Registration Link : <https://forms.gle/QcRxXFq45YcjHRgH9>

WORKSHOP SCHEDULE

OCT 2021 27	Data Science and Python, Data types, Control flow
OCT 2021 28	Functions, Modules, Classes, Exceptions
OCT 2021 29	Analytics with pandas and Numpy
OCT 2021 30	Python & SQL
NOV 2021 1	Data Cleaning and Visualisation

CHIEF PATRONS

Shri Manoj Kumar Sonthalia – Secretary
Dr. Lalitha Balakrishnan – Principal

PATRON

Dr. Uthira D – Vice Principal

ORGANIZING SECRETARIES

Ms. Gavoury R, Associate Professor & Head - Information Technology
Dr. Sunitha Rani T, Associate Professor & Head - Computer Science
Dr. Sakthi Kumaresh, Associate Professor & Head - Computer Applications
Dr. K B Priya Iyer, Associate Professor & Head – Data Science

ORGANIZING COMMITTEE

Ms. Angayarkanni A, Associate Professor
Dr. Brinda Ramanujam, Associate Professor
Dr. Muthulakshmi A, Assistant Professor
Ms. Sindhu V, Assistant Professor
Ms. Padmasini C S, Assistant Professor
Ms. Jayanthi Jayanth, Assistant Professor
Dr. Anusha R, Assistant Professor
Ms. Annu, Assistant Professor
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CONTACT

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