



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

(College Affiliated to University of Madras and Re-accredited at "A+" grade by NAAC)

Chennai -600 034, India

M.Sc. INFORMATION TECHNOLOGY



About the Programme

M.Sc. Information Technology programme is a 2-year postgraduate degree with 4 semesters that equips students with advanced knowledge and skills in IT. The programme covers topics such as software engineering, data analytics, cybersecurity, and artificial intelligence. Students gain hands-on experience through projects and internships, preparing them for careers in IT management, software development, and research.

USP

Inculcate professional excellence, logical thinking & analytical reasoning abilities by imparting application oriented education.

Eligibility and Selection Procedure

Undergraduate degree holders in Computer Science, B.C.A, B.Sc. (Mathematics) or any degree with Mathematics/Statistics Business Mathematics/Business Statistics as Core or Allied course Candidates need to take an entrance exam which will test their logical thinking and analytical ability followed by a personal interview.

Curriculum

Courses Focusing On Employability

- Distributed Operating Systems and Shell Programming
- Advanced Database Management Systems
- Data Structure and Algorithms
- Data Wrangling using Python
- Java Programming
- Java Practical
- RDBMS Practical
- UML Practical
- Advanced Java Programming
- Cryptography and Network Security
- Object Oriented Software Engineering With UML
- Agile Project Management
- Cloud Technologies
- MONGODB
- BLAZOR

Courses Focusing On Entrepreneurship

- Internet of Things
- User Interface Technologies
- Machine Learning
- Ruby on Rails Programming
- C# and .Net
- Deep Learning
- Hypertext Preprocessor and Mysql
- Data Visualisation Using Tableau and Power
- Business Intelligence

Courses Focussing on Skill Development

- Data Structures and Algorithms
- Data Wrangling Using Python
- Java Programming
- RDBMS Practical
- UML Practical
- Software Testing
- Optimization Techniques Using Python

Programme Highlights

- Cutting-edge curriculum
- Experienced Faculty Members
- Hands-on Learning & Research
- Internships and industrial visits
- Collaboration with Industrial projects

Infrastructure



Hands On Experience /Industry Collaboration

- Internship
- Mini Project
- Major Project

Department Activities and Achievements

- Conferences and Seminar
- Computer Fair and Exhibition
- International Webinar
- Computer Almanac-Journal
- Guest Lecture/Workshops



Faculty



Ms. Gavoury R
Assistant Professor & Head



Ms. Angayarkanni A
Assistant Professor



Dr. Muthulakshmi A
Assistant Professor



Dr. Priya Iyer K B
IQAC Coordinator & Associate Professor

Prominent Almuni

S.no	Name	Batch	Company Name
1	Nithyashree P	2021-2023	Wipro
2	Gayathri N	2020-2022	Accenture
3	Vaishali K	2020-2022	Dexian
4	Sindhu M	2019-2021	Amazon
5	Divya B	2019-2021	TCS
6	Sharmila V	2017-2019	Infosys Limited
7	Priyadharshini P	2017-2019	Deloitte
8	Gajashree	2012-2014	CTS
9	Kavitha	2007-2009	TCS
10	Aparajita Sabesan	2003-2005	Deloitte

Higher Studies

- MS in Data Science
- MS in Computer Science
- MS in Wireless Communications
- MS in Embedded Systems
- Ph.D

Career Opportunities

- Project Manager
- Programmer Analyst
- Web Designer
- System Associate
- Instructional Designer
- Software Engineer
- System Analyst
- Testing Analyst

Prominent Recruiters



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