

Deccan Education Society
Fergusson College Pune-411004
Department of Mathematics
M.Sc.(Industrial Mathematics
with Computer Application)

M.Sc.(Industrial Mathematics with Computer Application) formerly known as M.Tech.(Industrial Mathematics with Computer Application) is a Interdisciplinary Course with a confluence from Mathematics and Computer Science It aims at providing the industry with Software Professionals having strong Mathematical Foundations with Good Developmental Skills and analyzing abilities. The Course Structure has been designed in such a way that as the Course Progresses a Student is able to utilize and explore opportunities of his Mathematical Background to design, develop, test and Analyze Software Products.

Course Curriculum

The Course is spanned over a period of 3 years affiliated to Savitribai Phule University of Pune under a Credit Based System. The Syllabus of the covers courses from Pure Mathematics, Computer Sciences ending up with Applied Courses towards the end covering 150 credits in total.

Pure Mathematics Courses include Real Analysis, Linear and Abstract Algebra, Topology, Complex Analysis, Discrete Mathematics

Applied Mathematics Courses include Numerical Analysis, Differential Equations and Dynamical Systems, Statistical Methods, Cryptography, Coding theory, Digital Image Processing and Computational Geometry

Computer Science Courses Programming with C,C++, JAVA, .NET and PHP, Data Structures, UNIX, Computer Networks, Object Oriented Software Engineering, Database Fundamentals and Advanced Database Concepts

A project in the **Sem V** enables him to explore various opportunities of the courses studied.

Placement

The Course provides a placement Assistance to Students to have them placed in Reputed Companies visiting the Campus during their Semester V. One of the highlights of the Course is the Internship Program enables him to become Competent with the Industry demands after the completion of his/her Degree. The Student is evaluated on a regular basis during his work during his work in the Internship Program.

In addition the Department extends all possible support to students to get placed for the Internship along with the regular college schedule

This includes

- (*)Lecture Series with the Latest Technology
- (*)Project guidance by the Industry Expert
- (*)A constant interaction with the Alumni working at different positions in the Industry
- (*)Aptitude and Technical Tests, Group Discussions

Our effort is to ensure that every student achieves to the best of his abilities during the time spent while learning of the course.

Our Recruiters

Following is the List of few Prestigious Companies visiting the Campus for Recruitment.

- (*)Persistent Systems
- (*)Symantec Software Solutions
- (*)Quickheal
- (*)Cybase Softwares
- (*)Innoplexus Software Solutions
- (*)Josh Software Solutions
- (*)Vignet IT Solutions

and many more.....

Contacts

Dr. V.V.Acharya
Head & Course Co-ordinator
Department of Mathematics
Fergusson College, Pune-4
Mob No: 9225340934
Email id:vinaykumar.acharya@fergusson.edu

Mrs. Vrushali Limaye
Senior Faculty (Mathematics)
Department of Mathematics
Fergusson College, Pune-4
Mob No: 9923396615
Email id:vrushali.limaye@fergusson.edu

Mrs. Purva Ghatpande
Senior Faculty (Computer Science)
Department of Mathematics
Fergusson College, Pune-4
Mob No: 9552579814
Email id:purva.ghatpande@fergusson.edu

Mr. Ankur Shukla
Placement Co-ordinator
Department of Mathematics
Fergusson College, Pune-4
Mob No: 9096936033
Email id:ankur.shukla@fergusson.edu