

M. Sc MATHEMATICS

Duration - 2 years

Unique Features of the Programme:

- M. Sc Mathematics helps students to gain knowledge in Advanced Mathematics through a vast preference for subjects such as Algebra, Complex Analysis, Differential Equations, Graph Theory, Topology, Number Theory, Fluid Dynamics, etc.
- The students acquire a variety of skills and specialize in their domains after completing the M. Sc Mathematics programme.



Curriculum:

- Equips students with knowledge, abilities, insight in Mathematics and related fields.
- Develops the ability of problem-solving such as analysis, modelling, programming and mathematical software applications which addresses the practical and heuristic issues.
- Enable them to work as Mathematical Professionals and Scientific Researchers.

Career Opportunities

- HCL Analyst
- ZIFO Associate Analyst
- Accenture
- Focus Edumatics, Associate Teacher
- Bank sectors
- International Schools
- Higher Studies

THE ADVANCED LEARNER COURSES

Excellence with a Grade of 80% Additional Credits

COURSERA

Core Paper Integrated

JOB ORIENTED COURSES

Building Skills

Key Benefits:

- Enhances Career Prospects, Network Opportunities, Skill Development and Research Opportunities.
- Mathematical Researchers apply their discoveries to advance academic knowledge and address challenges in business contexts. They enjoy favorable career opportunities in both academic and corporate settings.

Students have the opportunity to enroll in NET/SET coaching classes and Job oriented courses designed to align with real-world job requirements and career goals.

Expertise of the Faculty members:

- Experienced faculty members with research expertise in Algebra, Differential Equations, Graph Theory, Fuzzy Topology, Fluid Dynamics and Queueing theory.

Mentoring:

- Faculty mentor our students in all aspects

Infrastructure :

- The Department Library shelves relevant books, journals, e - content which cater to the immediate reference needs of faculty members and students.

Network:

- Networking is promoted through Guest Lectures, Conferences and Seminars that connects students with professionals, thereby enhancing their career opportunities.



Students Achievements

- Honored with Summer Fellowships
- Cleared CSIR NET
- Enroll in IITM summer fellowship programme, focusing on pure and applied mathematics at IIT Madras
- Our students participate in conferences such as Frontier Symposium in Mathematics which is organized by the club of Mathematics, IISER Thiruvananthapuram
- Our students launch their own enterprises



- Innovative ideas of students will be exhibited in science exhibitions.
- Interdepartmental competitions are conducted every year.
- On yearly basis, students engaged in Industrial visits.



Deepika S
Entrepreneur
Samyukta Academy
Coimbatore



Anitha S
Assistant professor
PSG ITech



Rakshana G
Assistant Manager
Bank of Maharashtra



Pradarshawna S
Associate Analyst
Zifo

KCW impacts knowledge beyond textbooks, cultivating a sense of curiosity, encouraging independent exploration and instills a passion for learning. These invaluable teachings has influenced my career path.

My department in KCW nourished me through mentorship, research opportunities and professional development and paved the way for my career as an Assistant Professor.

During my period of study, KCW fostered critical thinking, problem-solving skills and financial acumen, providing a solid foundation for my career in banking sector.

KCW ensured that I get enough professional support to enhance my skills through the JOC programmes organized by the department, thereby helping me chase my dreams.

Abroad opportunities:

Students have the chance to pursue their studies internationally with institutions like Binghamton University (US), offering valuable opportunities for academic research on a global scale.

ESTELLE DARCY

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