

# PSGR Krishnammal College for Women



# 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.



- 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.

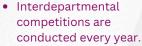


#### **Students Achievements**

- 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







 On yearly basis, students engaged in Industrial visits.



Pradarshawna S Associate Analyst Zifo



Deepika S Entrepreneur Samyukta Academy Coimbatore

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.



Anitha S Assistent professor PSG ITech

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



Rakshana G Assistant Manager Bank of Maharashtra

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.



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.

#### Reach Us at:

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