

PG DEPARTMENT OF MATHEMATICS

GOVT COLLEGE MOKERI

Report on Career Orientation Programme for 5th Semester UG Mathematics Students

A Career Orientation Programme was organized for the 5th semester UG Mathematics students of Govt. College Mokeri on 13th June 2023. The event, aimed at guiding students on potential career paths in mathematics, took place from 2:30 PM to 4:00 PM, with Dr. Muhammed Abdul Kayoom, a trained educational counselor from PTM Govt. College, Perinthalmanna, as the resource person.

The session began with a warm welcome address by Dr. Santhosh P. K., faculty member of the Mathematics Department. Dr. Kayoom, drawing on his vast experience in both mathematics and educational counseling, provided valuable insights on various career opportunities for mathematics graduates.

During the session, Dr. Kayoom covered several important topics, including:

1. **Higher Education Pathways:**

He discussed postgraduate courses in mathematics, such as M.Sc. Mathematics, and interdisciplinary fields like Applied Mathematics, Mathematical Economics, and Mathematical Physics.

2. **Career Opportunities in Government and Private Sectors:**

Dr. Kayoom provided information on various government job opportunities, including positions in research institutes, public sector undertakings (PSUs), and opportunities through exams like UPSC, SSC, and IBPS, which highly value mathematical skills.

3. **Emerging Fields in Mathematics:**

He highlighted new and rapidly growing fields like Data Science, Actuarial Science, Financial Mathematics, and Cryptography. Dr. Kayoom emphasized the importance of mastering mathematical software like MATLAB, Python, and R for careers in data analysis and machine learning.

4. **Teaching and Research Opportunities:**

The speaker discussed the academic career path, including the scope of becoming a mathematics professor and researcher. He also outlined the eligibility criteria for national-level exams like CSIR-NET, GATE, and SET for those interested in pursuing teaching or research.

5. **Competitive Examinations:**

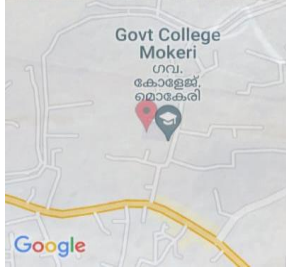
Dr. Kayoom shared valuable tips for preparing for competitive exams like CAT (for management studies), JAM (for M.Sc. admissions in IITs), and GRE (for studying abroad), emphasizing the role of strong mathematical skills in cracking these exams.

6. **Soft Skills and Career Readiness:**

Alongside technical knowledge, he stressed the importance of developing communication, problem-solving, and analytical skills to enhance employability in the competitive job market.

The session was highly interactive, with students actively participating by asking questions and receiving practical advice from Dr. Kayoom. The event concluded with a vote of thanks by Ms. Amena Sherin, who expressed gratitude to Dr. Kayoom for his informative session and to the department for organizing such a valuable programme.

Overall, the session provided the students with much-needed clarity on potential career paths and the steps they can take to succeed in their future endeavors.



Mokeri Weather - Free! - Yahoo! Weather (mokeri, Kerala, India)

Mokeri
Kerala
India

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