

PG DEPARTMENT OF MATHEMATICS

GOVT COLLEGE MOKERI

Report on Higher Educational Opportunities for B.Sc. Mathematics Students at CUSAT

A session on "Higher Educational Opportunities for B.Sc. Mathematics Students" was organized for the first-year B.Sc. Mathematics students of Govt. College Mokeri on 1st December 2023. The event took place from 10:00 AM to 12:30 PM and featured a talk by Dr. Ratheesh P. M., Assistant Professor of Electronics and Instrumentation Engineering, Cochin University of Science and Technology (CUSAT). The purpose of the session was to provide students with insights into the higher education options available at CUSAT that are suitable for mathematics graduates.

The programme began with a welcome address by Dr. Santhosh P. K., Head of the Department of Mathematics. Dr. Ratheesh then took over, delivering an informative presentation on the various postgraduate and research opportunities available at CUSAT, with a specific focus on mathematics and interdisciplinary fields.

Courses at CUSAT Suitable for Mathematics Students:

1. M.Sc. Mathematics:

Dr. Ratheesh highlighted the M.Sc. Mathematics programme offered by the Department of Mathematics at CUSAT, emphasizing its rigorous curriculum that prepares students for careers in research, teaching, and industry.

2. M.Sc. in Operations Research and Computer Applications:

He introduced the students to the M.Sc. Operations Research programme, which combines mathematical techniques with computer applications, making it highly relevant for those interested in optimization, data analysis, and logistics.

3. **M.Sc. in Statistics:**

Dr. Ratheesh also discussed the M.Sc. Statistics programme, explaining its importance for students looking to venture into fields like data science, financial analysis, and biostatistics.

4. **Integrated Ph.D. in Mathematics:**

For students interested in pursuing research directly after their undergraduate studies, Dr. Ratheesh provided details about the Integrated Ph.D. programme in Mathematics, which allows students to engage in advanced research while completing their doctoral studies.

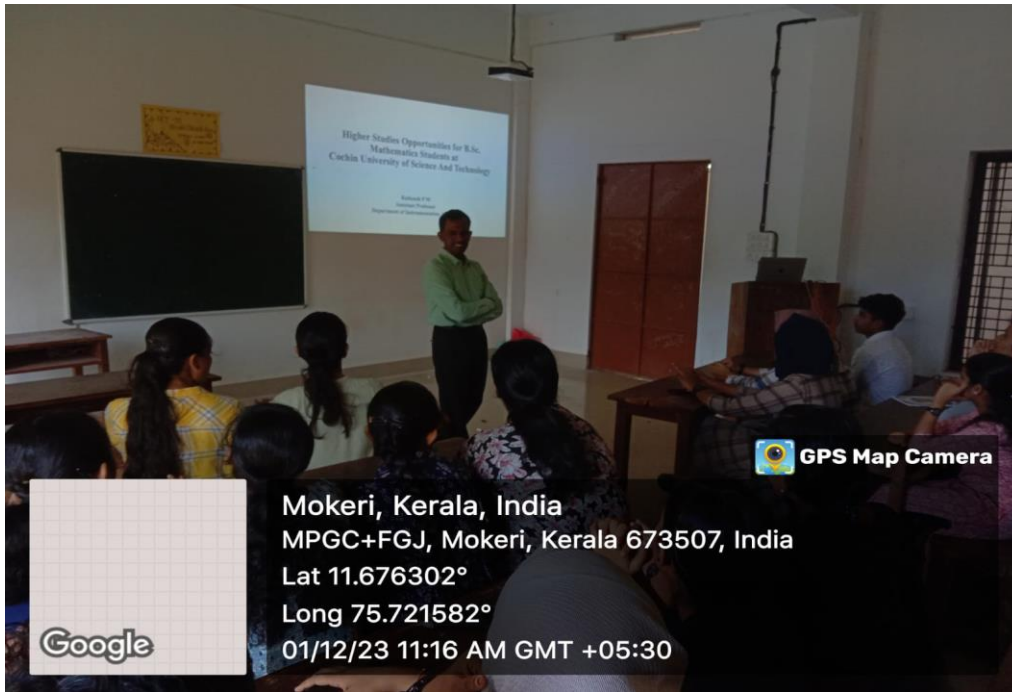
5. **Other Interdisciplinary Programmes:**

Dr. Ratheesh also highlighted interdisciplinary opportunities such as the M. Tech programmes in Data Science, Artificial Intelligence, and Computational Mathematics, which are available for mathematics graduates with strong computational and analytical skills.

In addition to these courses, he gave insights into the admission processes, eligibility criteria, and the importance of preparing for entrance examinations such as CUSAT CAT (Common Admission Test). Dr. Ratheesh encouraged students to build a strong foundation in mathematics and develop analytical and problem-solving skills to excel in these fields.

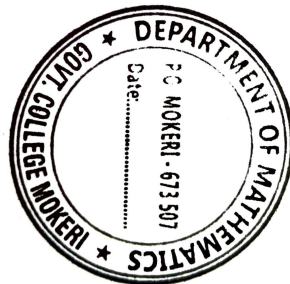
The session was highly engaging, with students actively participating and seeking clarification on various educational paths. The detailed information provided by Dr. Ratheesh helped the students gain a clear understanding of the higher education opportunities available to them at CUSAT.


The event concluded with a vote of thanks by Smt. Hiba Hameeda, who expressed her gratitude to Dr. Ratheesh for his valuable guidance and to the Department of Mathematics for organizing the informative session. The session proved to be an enlightening experience, motivating students to explore higher education options and plan their academic future accordingly.



Mokeri
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