

Master of Science (Mathematics)

(M.Sc. Maths)

Expected Outcomes



MATS Centre for Distance and Online Education (MCDOE)

MATS University, Raipur, Chhattisgarh

be provided through various means such as virtual labs, cloud-based labs, or remote access to physical labs. Simulations and virtual labs will be used to provide students with a virtual environment in which they can perform practical tasks. In some cases, it may be possible to provide students with remote access to physical labs. Moreover, Instructors will record practical demonstrations and provide students with access to these videos. Students can watch these videos and practice the tasks on their own computers. Instructors will use video conferencing tools to demonstrate practical tasks and answer students' questions.

Cost Estimates of the Programme and the Provision:

This programme was already designed and developed in the conventional mode. In this process of overall development according to the current scenario, the cost estimate of all the metrics, components, equipment, advanced lab & maintenance cost for this programme comes to amount of Rs. 2380000 and provision is made of Rs. 2400000.

Quality Assurance Mechanism and Expected Programme

Outcomes:

The programme structure of the open distance learning M.Sc. Mathematics programme is designed under the guidance of an expert committee, the Board of Studies, and the Faculty Board. It is developed in accordance with the guidelines of statutory bodies and is approved by the Board of Studies, Faculty Board, and Academic Council of the University. The curriculum is reviewed annually to align with the evolving needs of the industry and research activities. Any necessary updates and improvements are forwarded to the Board of Studies, Faculty Board, and Academic Council for approval. The changes in the course curriculum as per the needs and requirements from time to time. The University will help the passed-out students in their placement in different industries through the training and placement cell.

Expected Outcomes of the Programme:

- Learners will be able to gain fundamental knowledge of skills.
- Learners will be able to apply knowledge, concepts to solve issues related to their course.
- Solve problems through analytical thinking.
- Apply knowledge of mathematics to solve various real-life problems.
- Formulate mathematical models to interpret and analyze data for interdisciplinary research and development.



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- Solve various mathematical problems by using relevant mathematical and statistical software.
- Exhibit strong ethical and professional sensibility.
- Graduate holders will have the knowledge for the need of sustainable development.
- Graduate holders will have the knowledge of ethics and regulatory norms of their respective course.
- The Learners will get wide range of Mathematical skills, including problem-solving, project work and presentation; they may enable to take prominent roles in a wide spectrum of employment in academics and research.
- Get a strong knowledge in mathematical sciences which include courses from Mathematics.
- Select a successful career in the sectors such as teaching, research, banking, planning and higher education, administrative service and for the advance study.
- Exhibit professionalism, ethics, communication skills, team work in their profession and adapt to current scenario by engaging in lifelong learning for the service of the society.

[Signature]

Vineta

Achal

