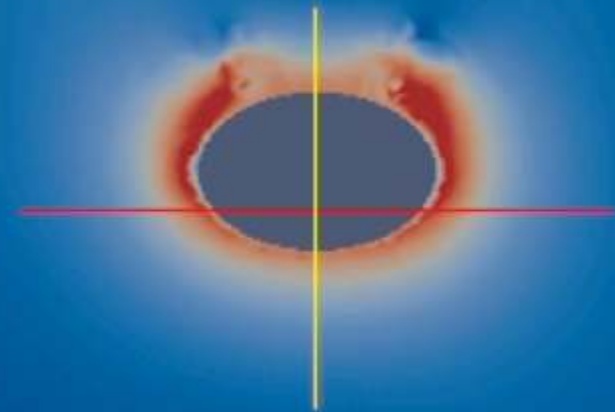


IIT Madras, Chennai



DEPARTMENT OF  
**Mathematics**



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Committed to nurture  
the mathematical potential

Department of Mathematics is one of the very first departments started in 1959 since the inception of IIT Madras.

The department, over the years, has groomed as one of the premier departments in the country providing high-class teaching and research in Mathematics.

The Department of Mathematics and AG Technomathematik, Technische Universitaet Kaiserslautern, Germany have mutually agreed to set up a network in the scientific area of Applied Mathematics and Mathematical Modelling.

This will enable intensive collaboration between IIT Madras and TU-Kaiserslautern in terms of Annual Workshops, Faculty/Student Exchange and Joint Modelling Seminars."

## MISSION

- ▶ To nurture the research potential
- ▶ To cultivate the mathematical potential
- ▶ To train computational scientists who can work on real challenging problems
- ▶ To prepare motivated researcher who can work in frontline areas
- ▶ To prepare well trained teaching faculty.



*Always be among the best mathematics department in the country and establish an international reputation as a center for research and teaching in mathematics.*

## PROGRAMS

Apart from the Ph.D program and M.Sc program, the department offers M.Tech in Industrial Mathematics and Scientific Computing, which is a unique program in the country emphasizing the interdisciplinary importance of mathematics, modeling and computing.

## RESEARCH

**Department's broad research spectrum includes Algebra, Analysis, Combinatorics, Fluid Dynamics, Numerical Analysis, Optimization, Partial Differential Equations, Probability and Statistics, Scientific Computing, etc.**

## FACULTY

Nurtured by strongly motivated faculty, and providing opportunity to pursue research in frontline areas of mathematics as well as the interdisciplinary areas of mathematics and technology, the department gives a vibrant academic environment.

In the days ahead, the department intends to strengthen and develop new areas related to pure, applied and computational mathematics in all its manifestations.

Faculty of the department takes research initiatives in the emerging areas and highly encourages interdisciplinary studies.

The department has productive collaborative exchanges with highly reputed institutes in India and abroad.

