# DEPARTMENT OF MATHEMATICS

## Tripura University

### Ph.D Curriculum

The main aim of the Department of Mathematics, Tripura University ( A Central University) , which is a PG/Research institution is to attract young talents of the country for carrying out research in different thrust areas of mathematics mainly, Mathematical Analysis, Functional Analysis, Topology, Fuzzy set theory, Rough set theory, Image Processing etc. Department has several national and international collaborations with highly reputed institutions. Also one of our faculties, Prof. B. C. Tripathy was hold the position as World Top 2% Scientists based on Elsevier's for last two years. Apart from carrying out fundamental research, other objectives of the Department are the followings:

- To assemble excellent researchers who will be willing to take up any challenges in the country to successfully tackle them.
- To give consulting service on mathematical and statistical aspects to Scientists in other institutions, and university and college teachers.
- To encourage excellent doctorates.
- To produce research publications, monographs etc. and raise the standards of these to the international level.
- To receive deeper knowledge about the different sphere of Mathematics at per present context.
- To make them compatible for job in academic and research institute to pursue higher research and establish the carrier in Mathematical research.
- To producing talented students in future at national and international level.

In addition to the usual seminars and in-house research following conferences workshops and training programmes were held at the Department:

1. One week PTMT Programme March 26-31, 2018 at Dept of Math, TU (Funded by NBHM)

2. International Conference on Recent Advances in Mathematics and its Applications (ICRAMA-2019) on July 16-18, 2019. (Funded by NEC)

3. International Webinar on Mathematical Analysis and its Applications (IWMAA-2021), April 8-9, 2021.

4. Mini-MTTS Programme January 19-24, 2017 at Dept of Math, TU(Funded by NBHM)