



KERALA SCHOOL OF MATHEMATICS TALENT NURTURE PROGRAMME-2019

OBJECTIVE OF THE PROGRAMME

The Kerala School of Mathematics has launched Talent Nurture Programme in 2018 with the objective of identifying and nurturing students talented to take up Mathematics as a career with passion, totally committed to it, and having the will to pursue it relentlessly working hard. The programme designed by the KSoM, known as the **KSoM Talent Nurture Programme (KSoMTNP)**, will be admitting 40 students this year from among students **who have joined B.Sc./integrated M.Sc. in Mathematics in the academic year 2018-19 and are currently in the second year of their programme**. The selected students will be nurtured by well-known Mathematicians continuously for a period of 4 years through vacation contact programmes. The contact programme will be during the Christmas vacation (6 Days) and the Summer vacation (4 weeks) for the four years.

The webpage of the programme can be found at www.ksom.res.in/tnp.

TOPICS TO BE COVERED OVER THE FOUR YEARS

Foundations Topology Abstract Algebra Linear Algebra Algebraic Topology
 Measure and Integration Complex Analysis Discrete Mathematics Real Analysis
 Differential Geometry Number Theory Differential Equations (ODE&PDE)
 Functional Analysis Some Applications

KSoMTNP 2018

The first batch of students for the KSoMTNP consisted of 40, selected based on individual merit and recommendations from the teachers acquainted with them. The first contact session was conducted during 26-30 December 2018, followed by a summer session of four weeks duration from 29th April to 25th May 2019. Out of 40 students selected, 35 students attended the programme who now go to the second level.



ELIGIBILITY FOR APPLICATION

Students who have joined **B.Sc./Integrated M.Sc. or equivalent programmes in MATHEMATICS during the Academic year 2018-19 (currently in the second year of the programme)** are eligible to apply. We are looking forward for **highly motivated and talented students of Mathematics, willing to pursue Post Graduation in Mathematics, committed to work hard and be with this programme for all the four years**. Only students willing to stay with the programme for all the four years need apply.



HOW TO APPLY

Students should apply online at the following web address : www.ksom.res.in/tnp
 The online application system opens on 17th September 2019.
The last date for submitting applications is 20th October 2019.
 Please note that the applicants are required to fill in the details including the e-mail address of two Mathematics Professors who are acquainted with the applicant closely. This is mandatory.



SELECTION OF CANDIDATES

- ✗ The selection is purely on merit, based on the Academic record and the letters of recommendations from the professors with whom the applicant is closely acquainted.
- ✗ Only selected candidates will be intimated about their selection on 22nd November 2019, through e-mail.
- ✗ The programme is fully residential. The candidates selected will be provided with free boarding and lodging for the duration of the programme.



CONTACT DETAILS

The Programme Coordinator
KSoMTNP
Kerala School of Mathematics
Kunnamangalam PO
Kozhikode, Kerala - 673571

Tel. No: 0495 2809005, Fax: 0495 2809010
 Email: tnp@ksom.res.in
 Website: www.ksom.res.in/tnp



IMPORTANT DATES

- ✗ **Last date for submitting the applications: 20th October, 2019**
- ✗ **Last date for receiving the recommendation: 26th October, 2019**
- ✗ **List of selected candidates will be published on: 22nd Nov, 2019**



ABOUT KSoM

Kerala School of Mathematics (KSoM), an institution meant for advanced learning and research in Mathematics, is a joint venture of Kerala State Council for Science, Technology and Environment (KSCSTE), Government of Kerala and Department of Atomic Energy (DAE), Government of India. It is built in the traditional Kerala style architecture and is located in a picturesque setting surrounded by serene hillocks and lavish greenery. It is at a distance of about 15 km. from the seaside city Kozhikode in Malabar region of Kerala, India. Research activities and organization of workshops in foundational and advanced areas of Mathematics are the central activities of the School. Several Mathematicians visit and work here. The current areas of research interest are Number Theory and Functional Analysis. The school hopes for more mathematicians to join as permanent faculty. A pre Ph. D. program is on the cards.



STEERING COMMITTEE FOR THE KSoMTNP

Chairman
 Dr A B Anitha Director i/c, KSoM
Members
 Dr A K Vijayarajan, Associate Professor, KSoM
 Dr A J Parameswaran, Professor, TIFR, Mumbai
 Dr K S S Moosath, Professor, IIST, Thiruvananthapuram
 Dr P K Sanjay, Assistant Professor, NIT, Calicut
 Dr K Sandeep, Professor, TIFR-CAM, Bangalore
 Dr K N Raghavan, Professor, IMSc, Chennai
 Dr A J Jayanthan, Professor, GOA University
 Dr K Vishnu Namboothiri, Assistant Professor,
 Department of Collegiate Education, Kerala
 Dr. P Akhilesh, Assistant Professor, KSoM
 Dr. Pranav Haridas, Assistant Professor, KSoM
 Dr Vellat Krishna Kumar, Visiting Professor, KSoM