



Online Foundation Course in Mathematics (OFCM) 2025

24 August – 6 September, 2025

Organized under the aegis of MTTS Trust

Funded by the National Board for Higher Mathematics



ABOUT THE PROGRAMME

Online Foundation Course in Mathematics (OFCM) is a flagship online initiative of the Mathematics Training and Talent Search Trust (MTTS Trust), conducted annually since 2020. It is modelled on the distinctive foundation course taught in the MTTS summer camps, with the aim of nurturing core mathematical skills among students.

The primary objectives of OFCM are to enhance:

- Logical and analytical thinking,
- Problem solving abilities,
- Independent mathematical reasoning,
- Confidence in self-learning to pursue advanced courses in mathematics.

Through this course, students are introduced to the excitement of doing mathematics and are better prepared to engage with higher-level mathematical concepts.

ACADEMIC PLAN

The programme details are as follows:

- A total of twelve sessions during the entire programme span.
- One online session each day starting at 5:30 p.m.
- Each session consisting of an interactive lecture (approx. 70 minutes)
- Followed by a group discussion (approx. 45 minutes).

The OFCM instructors will be active mathematicians from leading institutions across the country. They will be supported by experienced mentors who will assist students during group discussion sessions.

WHO MAY APPLY

Undergraduate students (BSc/BA/IMSc/Four Year UG Programmes), with Mathematics as one of their main (major) subjects, and have just completed their second semester, or are currently in the third semester of their programme.

HOW TO APPLY

To know more about the online application and recommendation procedure, please visit the programme webpage <https://mtts.org.in/programme/ofcm2025>.

The selection will be on merit, based on consistent and good academic records, and recommendations submitted by the teachers. **Applicants should ensure that their teachers submit their recommendation on time.**

IMPORTANT DATES

Submission of applications	18 Jul – 10 Aug
Last date for submission of recommendations by teachers	13 Aug
Selection list publication	18 Aug
Last date for participation confirmation by the selected applicants	21 Aug
Preparatory meeting & Orientation for the selected applicants	23 Aug
Programme dates	24 Aug – 6 Sep 5:30 - 7:45 p.m.

PROGRAMME DIRECTOR

Prof. S. Kumaresan (Retd.), University of Hyderabad.

ABOUT MTTS TRUST

The MTTS Trust is a non-profit educational organization dedicated to the promotion of mathematics education. Institutions interested in organizing or supporting an MTTS programme are encouraged to visit the Trust's website at <https://mtts.org.in/mtts-trust> for more information on how to get involved.



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