

ONLINE WORKSHOP ON ASSESSMENT



by

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Organized by

Mathematics Training and Talent Search (MTTS) Trust

Abstract

Majority of academicians involved with teaching is likely to be disgusted with the ubiquitous and the most commonly used assessment that usually involves examinations spread over the semester. The pandemic has worsened the situation during which the exams are either conducted online or in so-called hybrid mode. After all the efforts by a teacher, what is the outcome? Do the grades reflect the real learning by the students and their confidence in the subject? Almost always, the answer is "No!"

About the Workshop

This workshop is born out of years of experience of the speaker and conviction that assessment is DIFFERENT from tests/exams. It deals with some radically different ways of assessment. All are class-tested over three decades and are practical.

Most importantly, with these assessments the grades scored by the students are true gauges of their learning and levels of their conceptual understanding and problem-solving abilities. Moreover, they may be suitably modified to suit the restrictions imposed by the institutions or by some over-reaching bodies.

This workshop is meant for those teachers who are willing to experiment, participate very actively, and discuss the outcome in various fora, so that our country may adopt some of them in near future. It is also expected that there will be assignments to the participants so that they understand the new ways of assessment and may also point out the shortcomings of these with possible improvements.

Objectives of this Programme

MTTS Programme, a movement envisaged and modelled by Prof. Kumaresan, has pioneered, and established a unique interactive methodology of mathematics teaching and learning. MTTS Trust is happy to organize this workshop which we hope is likely to initiate a new movement to bring an appropriate change in the assessment system that will help us stop rote-learning, which is the bane of our prevailing system.

About the Resource Person

Prof. Kumaresan, a gold-medallist in his B.Sc. and M.Sc., obtained Ph.D. degree from T.I.F.R. Mumbai in 1980. He served as a Dean of School of Mathematics and Statistics, University of Hyderabad and Head, Department of Mathematics, University of Mumbai. His areas of interests are Mathematical Pedagogy, Global Analysis, Modern Differential Geometry, PDE Problems in Geometry.

Professor Kumaresan, a versatile mathematician and author of several books, is also one of the most popular mathematics teachers in the country who has inspired thousands of students and teachers through one of the most significant mathematics training programme known as Mathematics Training and Talent Search (MTTS) programme that has been run in India since 1993 under the leadership of Prof. Kumaresan. He is the first mathematician to be awarded with Indian National Science Academy (INSA) Teachers Award for the year 2013 for providing guidance, inspiration and mentoring students to take up careers in Mathematic. He has made some very fundamental contributions in Mathematics and has several publications to his credit.

Prof. Kumaresan has been a member of several national and international committees including Executive Committee of International Commission for Mathematics Instruction (ICMI), Executive Organizing Committee of International Congress of Mathematician (ICM 2010), DST - FIST Expert Committee in Mathematical Science, and NBHM.

About MTTS

For the past thirty years, the MTTS programme has been engaged in teaching mathematics to students from all over the country. Under the guidance of its founder, Prof S. Kumaresan, it has blossomed into one of the most popular Mathematics programmes in India. MTTS has over the years evolved a novel interactive methodology for both teaching and learning mathematics. MTTS continues to evolve and grow with many different programmes organised under the aegis of the MTTS trust.

Eligibility and Selection

Any mathematics teacher, teaching in UG / PG Departments of Mathematics. Please visit

<https://forms.gle/mnhmA6WA7iit29Pm9>

to submit your application online. Only limited seats are available and selected candidates will be informed of their selection by 30th December, 2021. The list of selected candidates will also be posted on MTTS webpage. Any other instructions and guidelines for the participants will be published in the MTTS website and sent via email communication. An electronic certificate will be issued to those teachers who successfully complete the workshop.

MTTS Trust

MTTS-TRUST is a non-profit educational trust. The primary object of the trust is to organize all activities under MTTS umbrella and any other training camps as deemed necessary or important for the country to keep its eminence in higher mathematics. If you wish to contribute to MTTS in any way (financial or otherwise), please get in touch with us. For more details on the MTTS Trust, visit

www.mtts.org.in/mtts-trust

Those who wish to organize Initmath or PTMT programmes can visit

www.mtts.org.in/organize

and apply online. Proposals which assure partial financial support may be given preference.

Important dates

Online application opens from **12th December, 2021**.

Last date for applying online is **25th December, 2021**.

List of selected candidates will be published on **30th December, 2021**.

Coordinators

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