
Thiagarajar College of Engineering

Thiagarajar College of Engineering is one among the several educational institutions, industries and philanthropic institutions founded by Late Sri Karumuttu Thiagarajan Chettiar. This 53- year old Institution is a Government Aided Autonomous Institution, accredited by the NBA, approved by the All India Council for Technical Education and affiliated to Anna University. The college offers 7 Undergraduate, 14 Post Graduate and Research programs leading to PhD degree in Engineering, Science and Architecture disciplines.

Department of mathematics

The department was established in the year 1957. It caters to all UG and PG Mathematics courses apart from offering a two-year post graduate course in Applied Mathematics. In this programme more emphasis is given to impart applied mathematical knowledge with adequate computer skills to fulfill the needs of modern world. This department has a well-equipped Computer Laboratory with the latest software in mathematics such as MATHEMATICA, MathCAD, SYSTAT, PHEONIX, NISAFUID 3D, Maple, SIMUL8, LINGO MINITAB and StarCD. The department of Mathematics strives to maintain high standards of teaching in various areas of Applied Mathematics. In addition, Doctoral programme is offered in several areas of Mathematics such as Computational Fluid Dynamics, Fuzzy Mathematics, Simulation Modeling, Graph Theory, Discrete Dynamical systems and Theoretical Computer Science.

NBHM

The National Board for Higher Mathematics (NBHM) was set up by the Government of India under the Department of Atomic Energy (DAE), in the year 1983, to foster the development of higher mathematics in the country, to formulate policies for the development of mathematics, help in the establishment and development of mathematical centres and give financial assistance to research projects doctoral and postdoctoral scholars.

MTTS

Mathematics Training and Talent Search programme(MTTS) was started in 1993 by Professor S. Kumaresan. It focuses on academic preparation of the students who are willing to pursue Ph.D. programmes in Mathematics. MTTS improves the level of Ph.D. aspirants by means of interactive teaching, promoting independent thinking in mathematics and providing a platform for the talented students so that they can interact with their peers and experts in the field. MTTS has been successfully performing its task for all these years by the funding of NBHM and sincere efforts of a dedicated team of professor. The Success of MTTS is evident by the fact that its alumni are the largest group in ICM -2010 among the various groups except the groups based country-wise.

Mathematics Teachers Training program (MTTP)

This program is an initiative of MTTS, aimed to equip young Mathematics teachers to initiate their students into various aspects such as learning, thinking and writing Mathematics on their own and to develop the problem solving skills.

MTTP was started in January 2011 and it follows the methodology of MTTS. The lectures will not be traditional ones rather they will be very interactive sessions. The sessions will be very intensive and will demand the participants to be active in the classroom. The emphasis is to inculcate/rekindle the innate thinking ability of the participants thereby making them independent. The participants, who are mystified by the way Mathematics is taught or written in books, will find this workshop enlightening. The participants who want to understand the why's and how's of Mathematics will be greatly benefited by this workshop. The lectures will inspire the young teachers towards effective teaching of mathematics. It is expected that the participants will begin to love teaching Mathematics at the end of the programme and will be confident to forge ahead on their own towards stimulating the flair for research in Mathematics among their students and improving their academic ability.

Topics to be discussed:

Foundations in Mathematics
Linear Algebra
Real Analysis
Number theory &
topics requested by the participants.

This programme is open to college teachers. Only 40 participants will be selected among the applicants. The selected participants will be provided with accommodation and local hospitality. Second class train fare will be reimbursed (subject to the availability of funds)
