

### About the Department

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 Applied Mathematics course. In this programme more emphasis is given to impart applied mathematical knowledge with adequate computer skills to suit 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, NISAFLUID 3D, MAPLE, SIMUL8, LINGO MINITAB and StarCD**. The department of Mathematics strives to maintain high standards of teaching in various areas of Pure and 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.

### Objectives

- To strengthen and impart knowledge in the area of “Theory of Computing”.
- To highlight the issues on multidisciplinary field with TOC like Machine learning, Computing and Applications, etc.
- To encourage & carryout research in the domain of Theory of Computing

### Resource Persons

- Dr. P. Venkatesan , Scientist E  
Indian Council of Medical  
Research, Chennai
- Dr. B.Ramadoss,  
HOD, Computer Applications  
NIT, Trichy
- Dr. R.Bhaskaran  
Coordinator, School of  
Mathematics, MKU, Madurai
- Dr. V.Rajkumar Dare  
HOD, Department of  
Mathematics, MCC, Chennai

### About the city



Temples, monuments and ancient cultural wonders flourish in Madurai city. It is even called ‘The Athens of the East’. Madurai’s Meenakshi Sundaeswarar Temple is one of the greatest architectural marvels of India. The entire city is built around the Meenakshi Amman temple. It attained 26th place in the list of top nominees for the new Seven Wonders of the World. Jasmine flowers of Madurai district is known all over the country. They carry a special fragrance unique to Madurai. Tons of flowers are exported to other countries for producing perfumes.

### About the college



Thiagarajar College of Engineering is one among the 26 Educational & Philanthropic Institutions founded by Thiru. Karumuttu Thiagarajar Chettiar in the year 1958. The college is a Central and State Government Aided, Autonomous Institution, recognized and accredited by AICTE, New Delhi and affiliated to Anna University. The college offers 7 Under Graduate courses, 11 Post Graduate courses and Research programmes in various Engineering, Science and Architecture disciplines.

