

Faculty Development Programme
on
**Expanding Frontiers
of Mathematics**

MAY 27 – 31, 2019

Organized by



The Department of Mathematics

SREE SARASWATHI THYAGARAJA COLLEGE

An Autonomous, ISO 9001 Certified and NAAC Re-Accredited Institution with 'A' Grade

Palani Road, Pollachi - 642 107, Coimbatore Dist, Tamilnadu.

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Profile of the **COLLEGE**

STC is a self-financing institution with autonomous status founded by the charitable trust VSV VIDYAA MANDIR in 1997 to offer quality education at affordable cost to the rural students of Pollachi region. The college offers 15 under graduate degree courses, 7 Post graduate degree courses and 6 Research Programmes. The institution has MoUs and Tie-ups with several organizations like CODISSIA, TCS, TalentSprint, Educational Institutions, and Training Institutions etc. for hands-on training, industry visit, development of aptitude skills, technical skills, and communicative skills as a part of integrated learning model right from first year. STC has also been re-accredited by National Assessment and Accreditation Council (NAAC) of the University Grants Commission (UGC) with A grade and also has got ISO 9001:2008 certification.

STC has a unique transformation model which calls Knowledge, Skill development and Attitude which is considered as our contribution towards Nation building exercise. We have many Centers of Excellence, which would enable the students to utilize the best of their services and achieve their goals. Also STC students have a commendable record in sports at National and International levels and STC Volleyball team is considered to be one among the best teams in the state and at national level.

About the **Department of the Mathematics**

The Department of the Mathematics exists right from the inception of the college and B.Sc (Mathematics) course was introduced in 2004. M.Sc (Mathematics) was introduced in 2010 and M.Phil, Ph.D Programmes were introduced in 2012. The department is taken care of and run efficiently by Dean Prof. K. Sivaswamy, HOD Mrs. R. Senthil Amutha, and the Programme Coordinator Dr. O. V. Shanmuga Sundaram, Supported by Thirteen faculty members.

Aim and Objective of the **FDP**

Five Day Faculty Development Programme in Mathematics provides an opportunity for the participants, to understand the application of various branches of Mathematics like ODE, PDE, Statistics in emerging areas of Engineering and Computer Science like artificial intelligence, Coding Theory, Fuzzy logic, Data Science etc.,



Resource Persons and Course Titles

27.05.2019

Topic: Differential Equation and its Applications

Dr. S. C. Palaniswami,

Associate Professor and Head,
RVS College of Arts and Science, Coimbatore.

28.05.2019

Topic: Making and unmaking of Statistics- An investigative Approach

Dr. G. Uma,

Assistant Professor of Statistics,
PSG College of Arts and Science, Coimbatore.

29.05.2019

Topic: Recent Scenario in Graph Labeling techniques

Dr. K. Amuthavalli,

Assistant Professor and Head,
Government Arts College, Veppanthattai, Perambalur.

30.05.2019

Topic: Applications of Graph Theory

Dr. S.Nagarajan,

Associate Professor and Head,
Kongu Arts & Science College, Erode.

31.05.2019

Topic: Career and relevance in Mathematics Research

Dr. R. Parvathi,

Associate Professor and Head,
Vellalar College for Women, Erode.

Programme Co-ordinators

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