

**TELANGANA STATE COUNCIL OF SCIENCE & TECHNOLOGY (TSCOST)**  
**ENVIRONMENT, FORESTS, SCIENCE & TECHNOLOGY DEPARTMENT**  
**GOVERNMENT OF TELANGANA**

**Report on**  
**State Level Workshop on Conceptual Teaching of Engineering Mathematics**  
**for Polytechnic Faculty**

Telangana State Council of Science & Technology (TSCOST) and State Board of Technical Education & Training (SBTET), Govt. of Telangana jointly organized a **State Level Workshop on Conceptual Teaching of Engineering Mathematics for Polytechnic Faculty** on 4<sup>th</sup> May 2017 at SONETE Hall, Sanketika Vidya Bhavan, Masab Tank, Hyderabad.

During the inauguration of the Workshop, the Guests of the Program garlanded Srinivasa Ramanujam, Great Mathematician of the Indian Soil, who brought laurels and glory to India through his exemplary brilliance in mathematical research.

Participating as the Chief Guest in the Inaugural Function of the Workshop, Smt. G. Krishnaveni, Joint Secretary to Govt., EFS&T Department & Member Secretary (FAC), TSCOST advised the Faculty members of Government Polytechnics in the State to make best use of this Workshop to enhance their knowledge levels on better teaching methodologies, with a view to benefit the students. She further informed that this workshop is the 24<sup>th</sup> such program being organized by TSCOST as a part of the Celebration of National Mathematics Day (NMD), a nation-wide programme initiated by the National Council of Science & Technology Communication (NCSTC), Department of Science & Technology (DST), Govt. of India, as a mark of respect to the great mathematician Srinivasa Ramanujam.

Popular Lectures, Demonstrations, Slide Shows, Debates/ Competitions / Quiz, Seminars, Symposium, Workshops & Training Programs etc., are held as part of the National Mathematics Day Celebrations in different parts of the State with a view to communicate the importance of Mathematics & its applications in various fields to the students, research scholars, faculty members and also to people from different walks of life, with a view to impress upon them to understand the need for proficiency in mathematics to solve critical problems and also to elicit interest on Mathematics, rather than staying away from it, Smt. G. Krishnaveni, Member Secretary, TSCOST said.

Sri P. Yellaiah, Joint Secretary, SBTET, Hyderabad suggested that the approach of educational instruction should take a U turn towards conceptual learning to enable the students to compete globally.

Prof. MA Srinivas, Head, Department of Mathematics, JNTU, Hyderabad; Prof. Y.N.Reddy, Registrar, National Institute of Technology (NIT), Warangal; and Dr. V. Srinivas, Assistant Professor, Osmania University College of Science, Saifabad, Hyderabad delivered lectures and conducted demonstrations based on topics of conceptual teaching of Engineering Mathematics in this workshop.

Target group of workshop is about 38 Mathematics faculty members of Government Polytechnics of the State. The target group expressed happiness about the conduct of such a workshop to improve their teaching abilities and desired that such workshops be conducted once in a year to upgrade their knowledge levels so as to enable them to impart good mathematical concepts to their students.

SBTET & TSCOST officials also participated and coordinated the Workshop.



Smt. G. Krishnaveni, MS. TSCOST garlanding the Great Mahematician Srinivasa Ramanujam



Prof. M.A.Srinivas, Head, Department of Mathematics, JNTU, Hyderabad addressing the gathering during the inaugural function





Prof. Y.N Reddy, Registrar, National Institute of Technology, Warangal addressing the Mathematics faculty members during the Technical Session



Prof. Y.N.Reddy, NIT, Warangal presenting the certificates to faculty members



A section of the Faculty members participated in the workshop