



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
(Approved by AICTE and Affiliated to Anna University)
Neelambur, Coimbatore - 641062



Report on National Mathematics Day Celebrations (02.01.2021)

The Department of Mathematics, PSG iTech, in association with Institute of Engineers, India (IEI) iTech Students Chapter organized a guest lecture on **A Bird's Eye View of Ancient Indian Mathematics** for the first year students as a part of National Mathematics Day Celebrations on 2nd January 2021. Dr. T. Venugopal, Professor of Mathematics, Department of Mathematics and Computer Science, Sri Sathya Sai University for Human Excellence, Kalaburagi, Karnataka, addressed the students on various aspects of Ancient Indian Mathematics. Dr. V. Jailaxmi, Professor and Head, Department of Mathematics, PSG iTech, welcomed the Chief Guest and participants. Dr. V. Chitra, Assistant Professor, Dept. of Mathematics, and the Faculty Coordinator of the event, introduced Chief Guest to the participants.

During her welcome address, she explained the significance of National Mathematics Day, which is celebrated every year on 22nd December to mark the birth anniversary of one of the greatest Indian Mathematicians Srinivasa Ramanujan, and to raise awareness among the people about the importance of Mathematics for the human development. The life history of Srinivasa Ramanujan and his significant contributions to the field of mathematics were narrated to motivate the students.

Dr. T. Venugopal commenced his speech with a story to emphasize the historic significance of Indian Literature and Cultural Heritage left behind by our ancestors. The increasing importance of Ancient Indian literature, which contains profound wisdom and scientific knowledge, was emphasized. The speaker expressed his concern for the lack of awareness and inadequacy of knowledge rooted in the ancient scientific knowledge in the modern days. Also, he appealed the young students to identify the richness of Indian Heritage and take pride. Further, he explained the contributions made by Indian Mathematics in the areas of Mathematics. Some of them are:

- Number System
- Concept of Zero
- Solution of Quadratic Equation
- Rules for Negative Numbers
- Basics of Calculus

In addition, he spoke about the Ancient Indian Mathematician in Chronological order. Later, he presented some glimpses of various sutras from the ancient books like:

- Bharathiya Ganitham – Indian Mathematics in Sanskrit - Concepts and Achievements
- Scientific Thoughts of India
- A Modern Introduction to Ancient Indian Mathematics

In addition, he shared some of the significant findings of Indian Mathematicians like Brahmagupta, Aryabhata, Bhaskara etc.

Finally, Mr. M. Jothibas, Assistant Professor, Dept. of ECE and Member of IE (Institute of Engineers, India) iTech Students Chapter proposed the vote of thanks. The event was well-received by the students and kindled their interest in mathematics. Also, it helped them to understand the ancient legacies of Indians Mathematicians and their pivotal role in shaping the mathematical concepts.



Sitting from the Left: Mr.M.Jothibas (Asst. Prof of ECE), Dr.V.Jailaxmi (Professor and Head, Dept. of Mathematics), Dr.G.Chandramohan (Vice-Principal), Dr.S.Aramuthakannan (Assoc. Prof) and Dr.Chinnaraj (Asst. Prof), Dept. of Mathematics. Standing from the Left are: Ms.D.Archana (Asst. Prof of ECE), Dr.Chitra and Mr.Gajendran (Asst. Profs of Mathematics) are seen in the photo during the national mathematics day celebrations held on 2.1.2021