



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)

Dindigul – Palani Highway, Dindigul 624 002

Report on “National Science Day – 2022”

Seminar : **Impact of Mathematics in Engineering Education**

Chief Guest : **Shri. C.S. Veeraragavan**, Author of HR SEC MATHS TEXTBOOKS OF TNSCERT,
Correspondent & Post Graduate Teacher (Mathematics),
Sri Krishnaa Matriculation Higher Secondary School, Coimbatore - 25

Date : 28.02.2022

Venue : SSMIET, Seminar Hall 1

Organized by : Born Genius Ramanujan Math Club & Young Innovators Club

Participants : Engineering and S&H Faculty

Time : 9.30 a.m. to 4.30 p.m.

Program Co-ordinators:

1. Dr. J. Abraham Hudson Mark, AsP/ Physics
2. Mrs. R. Janani, AP/ Mathematics

As a part of the celebration of “National Science Day – 2022” in our institution, a seminar on “**Impact of Mathematics in Engineering Education**” was conducted on 28.02.2022 and it was jointly organized by “Born Genius Ramanujan – Math Club” and “Young Innovators club”.

The session covers the topic related to

- A framework that integrates technology into the teaching-learning process
- Methods with examples to teach Mathematical concepts using counter examples
- Interaction between content knowledge, pedagogical knowledge, and technological knowledge.
- Games are the best means of learning mathematics with fun.
- Learning mathematics through projects brings life to the college atmosphere.
- Provide individualized mathematical review material in an interactive online system. (quizzes, videos, review notes, animations practice problems, etc)
- Python engineering animations: Bring math & data to life
- Teaching Differential Equation
- **Software Tools:** Microsoft Math solver , Free Universal Algebra Equation Solver, MAXIMA, xFunc, SpeQ Mathematics, GAP, Euler Math Toolbox, Cadabra, Math Mechanixs, Scilab, Gnuplot, Geogebra, Sagemath, GNU Octave.

Lecture Session





Activity Session



Principal