



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

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)

Principal

SSM Institute of Engineering and Technology

Kuttathupatti Village, Sindalagundu (Po),

Palani Road, Dindigul - 624 002