

Workshop on Innovative Maths by Mentoring Institute

SAMAGRA SHIKSHA, WARANGAL (U) TELANGANA

An Innovative Maths Workshop was conducted at TLC building, NIT Warangal Urban from 04.11.2019 to 05.11.2019. The programme was organised by Samagra Shiksha, Warangal Urban in association with Rashtriya Aavishkar Abhiyan, NIT Warangal and sponsored by Telangana Academy of Science.

Objectives of Workshop:

- To develop a positive attitude among the students towards learning Mathematics.
- Perform mathematical operations with confidence, speed and accuracy
- Apply mathematical knowledge and skills in real life situations.
- Develop investigative skills in Mathematics.

Participants: (Class VIII and IX students):

- 94 students from 47 Government and Local Body High Schools (2 students from each school i.e., one from Class VIII and one from Class IX)
- 46 Mathematics Teachers one from each high school as mentor

Methodology:

- Divided all the participants into 20 groups consisting of minimum 5 students and 2 teachers
- Every group has given topics and they have prepared mathematics models and presented in the workshop.
- Every group has conducted mathematics experiments.

Resource Group:

- Eminent mathematician Sri Sreedhara Shastri garu has delivered lectures on mathematics topics and conducted maths practical experiments.
- NIT Professors Sri Laxma Reddy , Ramachandraiah and others are supervised and guided the workshop. They have spent whole 2 days with the participants.

Valedictory: in the closing ceremony, the students shares their experiences and the appreciation certificates were presented to the best performers

OUTCOMES : Students (peer group leaders) learn different marthes concepts and conducted group experiments in Mathematics.

- Students gained new experience in conduct experiments.
- Prepare peer group leaders to teach in their respective Schools.



