

A brief report on Awareness Program conducted during National Science Week (22nd Feb-28th Feb, 2022)

The Project Management Unit (PMU), National Institute of Technology Agartala (NITA) was organized an Awareness Program on Development of Mathematics Proficiency in North-East India for the school students across the whole Tripura state under DST-STUTI project during the National Science Week (22nd Feb-28th Feb, 2022). Different experts from Engineering Departments had been called, who shared their knowledge and delivered motivational speech every day in this National Science Week Awareness Program.

The awareness program was convened by Dr. Uttam Kumar Bera, Associate Professor and Principal Investigator DST-STUTI, NITA. It had also come to light that students from 18 schools attended the awareness program that is 902 and 46 teachers in total. These students came from various parts of the state and will seek to find ways and motivation to incorporate Mathematics in their regular learning so as to get the chance of pursuing Science and Engineering degrees for future and develop their scientific abilities.

The inaugural program was held in the morning of 22nd February, where the Chief Guest was Prof. Harish Kumar Sharma, Director NITA and the Special Guest was Prof. Neena Gupta Professor, ISI Kolkata Shanti Swarup Bhatnagar Prize Awardee, DST-ICTP-IMU Ramanujan Prize Awardee for Young Mathematicians from Developing Countries.

After the inaugural session the motivation talks, lectures, lab visits and quizzes were started and continuing for 7 days. The participants learned about Mathematics, Science and Engineering. The organizer of the awareness program arranged the snacks (morning and evening) and lunch were provided for all the participants throughout the awareness program.

The brief details series of events and photograph is given below:

1. **Events:** During the National Science Week (22nd Feb-28th Feb, 2022), a series of different events are organized by the Project Management Unit, NIT Agartala with 18 Schools with nearly 902 students:

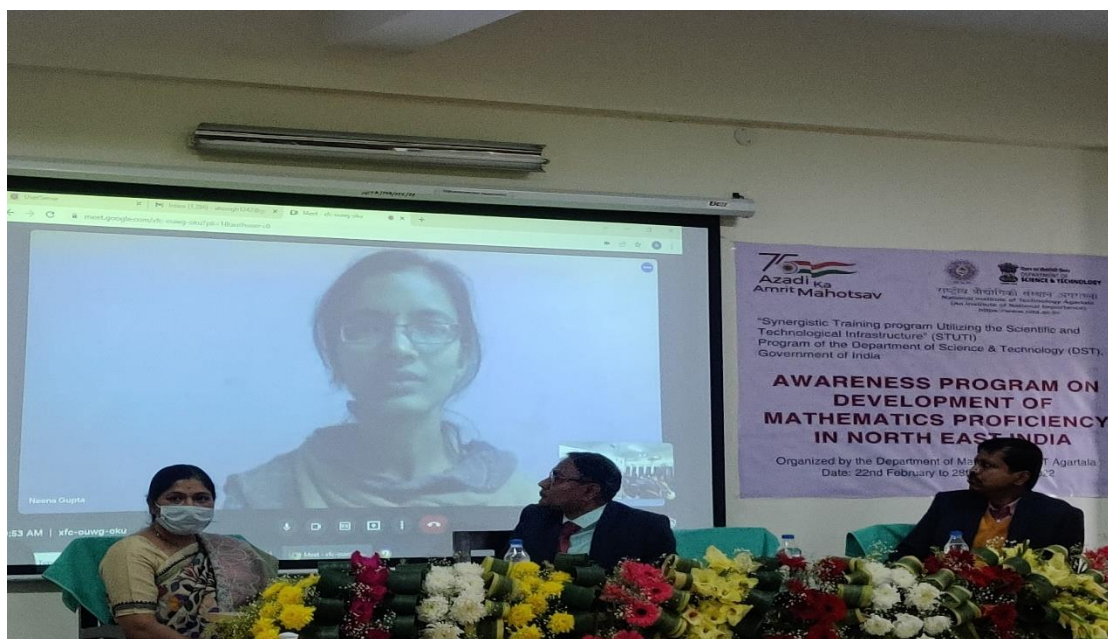
These events are:

- (i) Daily at least one **Motivational Talk** by the different Professors from different Engineering Departments.
- (ii) As the project title is “Development of Mathematical Proficiency”, therefore daily a **Mathematical Talk** is organized by the Department of Mathematics, NIT Agartala from there departmental faculties.
- (iii) On a daily basis a **quiz competition** is organized and prize has been awarded to the students.
- (iv) Different lab visits has been organized for the students, these labs are: (Central Research Facility (CRF), Human Computer Interaction lab, AI lab, ECE labs, Workshop, IC Engine lab, EIE labs, Bio-Engineering labs, Chemistry labs, Physics Labs, Structural lab, Electrical Lab, Production Engineering labs, Chemical Engineering labs)
- (v) Certificate has been distributed to all the participated students.
- (vi) One school certificate is issued to all the participating schools.

2. Photographs: Some photograph is placed for the report analysis.



Inauguration Ceremony by Director, NIT Agartala, accompanied by Registrar, NIT Agartala, Dean R&C, Dean P&D, HOD Mathematics, NIT Agartala.



Speech by Prof. Neena Gupta Professor, ISI Kolkata Shanti Swarup Bhatnagar Prize Awardee, DST-ICTP-IMU Ramanujan Prize Awardee for Young Mathematicians from Developing Countries.



Introductory speech about DST-STUTI project by Dr. Uttam Kumar Bera, PI DST-STUTI Project.



School certificate given to escorting teachers of Kendriya Vidyalaya Kunjaban, Agartala by HOD Mathematics and PI DST-STUTI.



Human Computer Interaction Lab visited by school students and demonstrated by lab assistant.



Students visiting CRF lab



Students are getting the information about the electronic microscope in the CRF lab



Students are understanding the process in the Electronics labs.



Students are getting the information in the Bio-Engineering lab equipment.

In this respect, we can conclude that the awareness program is a grand success.