

International Day of Mathematics 2025

13th March, 2025

The Department of Mathematical Sciences at Tezpur University celebrated the International Day of Mathematics 2025 on March 13. While the official date is March 14 each year, the department organized the event a day earlier since March 14, 2025, was a holiday due to Holi. The gathering featured two key lectures by Prof. Dhiren Kumar Basnet and Prof. Nayandeep Deka Baruah from the Department of Mathematical Sciences, Tezpur University. The lectures were followed by a Pi recitation competition and a quiz competition. The event received an overwhelming response, with 102 people in attendance from various departments across Tezpur University. Students from the Department of Computer Science and Engineering, Department of Physics, Department of Chemical Sciences, Department of Sociology, Department of Applied Sciences, etc., also attended the event. There were also a few school students in attendance.

DEPARTMENT OF
MATHEMATICAL SCIENCES
invites you to celebrate

$V = \pi r^2 h$ **INTERNATIONAL DAY OF MATHEMATICS** $V = \frac{4}{3} \pi r^3$

printf("WHAT ARE THE ACTIVITIES INCLUDED?\n");

Talk session by: Prof. Dhiren Kr. Basnet
Time: 3:30 pm

VENUE: ROOM NO. 22,
DEPT. OF MATHEMATICAL SCIENCES

Talk session by: Prof. Nayandeep Deka Baruah
Time: 4:00 pm

Pi-digits Recitation Competition
Time: 5:00 pm
Prize for the top performer!

Quiz Competition
Time: 5:45 pm
Prizes: Certificates and books for Top 3 teams!

DATE: 13TH MARCH, 2025
TIME: 3:14 PM ONWARDS

(For the Quiz, the max no. of participants in a team is 2.)

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The event was hosted by Mr. Abhishek Sarma, a research scholar from the Department of Mathematical Sciences, Tezpur University. The event commenced with brief speech by Prof. Shuvam Sen, Head of the Department of Mathematical Sciences. This was followed by a lecture by Prof. Basnet, who gave a comprehensive presentation on the impossibility of

squaring the circle, trisecting an angle, and doubling the cube using only a compass and straightedge, explaining how Modern Algebra has demonstrated these tasks to be unachievable. Prof. Baruah delivered the second lecture where he discussed various algorithms for approximating pi, also highlighting world records for pi recitation.



Figure: Prof. Dhiren Kumar Basnet delivering a lecture



Figure: Prof. Nayandeep Deka Baruah delivering a lecture



Figure: Prof. Nayandeep Deka Baruah displaying an interesting identity during his lecture

Next was the pi recitation competition, featuring 22 participants from different departments across Tezpur University. Miss Suman Upadhyay, a Research Scholar from the Department of Mathematical Sciences at Tezpur University, won the competition by accurately reciting pi to 71 decimal places.



Figure: A moment of the Pi recitation competition

The final event was the quiz competition, which began with a preliminary round featuring 24 teams, each consisting of two members. Six teams advanced to the final round. The quiz was conducted by Miss Sneha Bora, a student from the Department of Mathematical Sciences, with assistance from Mr. Gitartha Kalita, a Research Scholar from the same department. The results of the competition are as follows:

1. **First position:** Mr. Abhilash Chutia and Mr. Bishal Sharma, Department of Computer Science and Engineering, Tezpur University.
2. **Second position:** Mr. Md. Minhajuddin Ansari, Department of Computer Science and Engineering, Tezpur University and Mr. Manash Jyoti Baishya, Department of Physics, Tezpur University.
3. **Third position:** Mr. Firdous Ee Jannat and Mr. Md Isheteyak Zaffer, Department of Mathematical Sciences, Tezpur University.



Figure: Glimpses of the quiz competition

The event concluded with a prize distribution ceremony, where awards were presented to the winners of the quiz and the pi recitation competition. Prof. Shuvam Sen presented the prizes to the winners of both competitions.



Figure: Glimpses of the prize distribution ceremony

The event was volunteered by the following members of the Department of Mathematical Sciences, Tezpur University: Miss. Sneha Bora, Mr. Gitartha Kalita, Mr. Pankaj Jyoti Mahanta, Mr. Pranjal Talukdar, Mr. Abhishek Sarma, Mr. Chinmoy Das, Mr. Biki Debnath, Miss Silpi Sikha Das, Mr. Roktim Moran, Miss Sumana Krishna Saikia. Thanks, are also due to Mr. Firdous Ee Jannat, Mr. Arpan Chandra Mazumder, Mr. Pankaj Pallave Boruah, Mr. Papul Pegu and Mr. Roshan Bhattarai.



Figure: A group photo taken at the end