

## Webinar on “The Story and History of Pi: A mathematical constant “

### Report :

During Pandemic time of covid, Department of Mathematics & Statistics organised a webinar on “The Story and History of Pi: A mathematical constant “ on 27.08.2020. Prof Nayandeep Deka Baruah, Dept of Mathematical Sciences, Tezpur University was invited as the Resource Person. In his deliberation he focused on history of pi, Ramanujan’s contribution in Number theory. Around 100 participants all over the country participated the webinar.

The Department head Dr Karabi Devi moderated the programme. At first Principal of the college Mr. Paresh Saikia gave the welcome address. Next IQAC Co-ordinator Dr. J.J. Kakoti delivered the keynote Address. Vote of thanks was offered by Mrs. Sneha Hazarika, Asst. Professor of HRM.

**NATIONAL WEBINAR**  
on  
**“The Story and History of Pi ( $\pi$ ),  
a Mathematical Constant”.**

**CONCEPT NOTE**

PI ( $\pi$ ), the 16th letter of the Greek alphabet, is used to represent the most widely known mathematical constant, which is the ratio of the circumference of a circle to its diameter. No matter how large or small a circle is, pi will always work out to be the same number. Because it's most elementary definition relates to the circle, PI is found in many formulae in trigonometry and geometry, especially those concerning circles, ellipses, and spheres.

PI occurs in various mathematical problems involving the lengths of arcs or other curves, the areas of ellipses, sectors, and other curved surfaces, and the volumes of many solids. It is also used in various formulae of physics and engineering to describe periodic phenomena such as the motion of pendulums, the vibration of strings, and alternating electric currents. The ubiquity of PI makes it one of the most widely known mathematical constants both inside and outside the scientific community.

**ORGANIZED BY**  
Department of Mathematics & Statistics, Golaghat Commerce College  
in association with  
Internal Quality Assurance Cell

Register Online :  
<https://forms.gle/JkyP8c9fo1tsNBzF7>  
Date : 27<sup>th</sup> August, 2020  
Time : 11.30 am - 12.30 pm

**INAUGURATOR**

Mr. Paresh Saikia  
Principal i/c  
Golaghat Commerce College

Dr. Jiban Jyoti Kakoti  
Associate Professor, Dept. of English  
IQAC, Coordinator

**RESOURCE PERSON**

Prof. Nayandeep Deka Baruah  
Professor, Dept. of Mathematical Sciences  
Tezpur University.

**E-CERTIFICATES WILL BE PROVIDED TO THE PARTICIPANTS**

**NO REGISTRATION FEE REQUIRED**

**Coordinator**  
Dr. Karabi Devi  
Assistant Professor  
Dept. of Mathematics & Statistics

**Asst. Coordinator**  
Mrs. Tulmoni Gogoi  
Assistant Professor  
Dept. of Mathematics & Statistics

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