

Department of Mathematics St. Edmund's College

Event Report PI Day Celebration 2022

About the Event: PI Day is observed worldwide, every year, on the 14th of March. The Department of Mathematics too has been observing this Day since 2017, marking the day with engaging events and programmes. In keeping with this not-too-ancient tradition, the Department observed PI Day 2022 by hosting an in-house event which includes a presentation by Prof. Gregory Jala Kharbhih, PI Memorization competition, Poster competition, and Elocution competition under the auspices of the DBT-STAR College Scheme.

The event was graced by the presence of the Principal, Dr. Sylvanus Lamare, and the Secretary, Br. Simon Coelho.

EVENT PARTICULARS

- Event:** Pi Day Celebration 2022
- Date:** 14 March 2022
- Time:** 11.00 A.M.
- Venue:** AV Room.
- Participants:** Students from all the physical sciences departments
- Programme:** Host – Riya Singh, B.Sc 6th Semester

Session 1 : Inauguration

Welcome Address – Prof. Dipankar Deb, HOD Maths

Inaugural Address – Dr. Sylvanus Lamare, Principal

Speech – Br. Simon Coelho, Secretary Governing Body

Cake Cutting

Vote of thanks – Prof. Manbhalang Chyne

College Anthem

Session 2 : Lecture & Competitions

Lecture on PI : Prof GJ Kharbhih

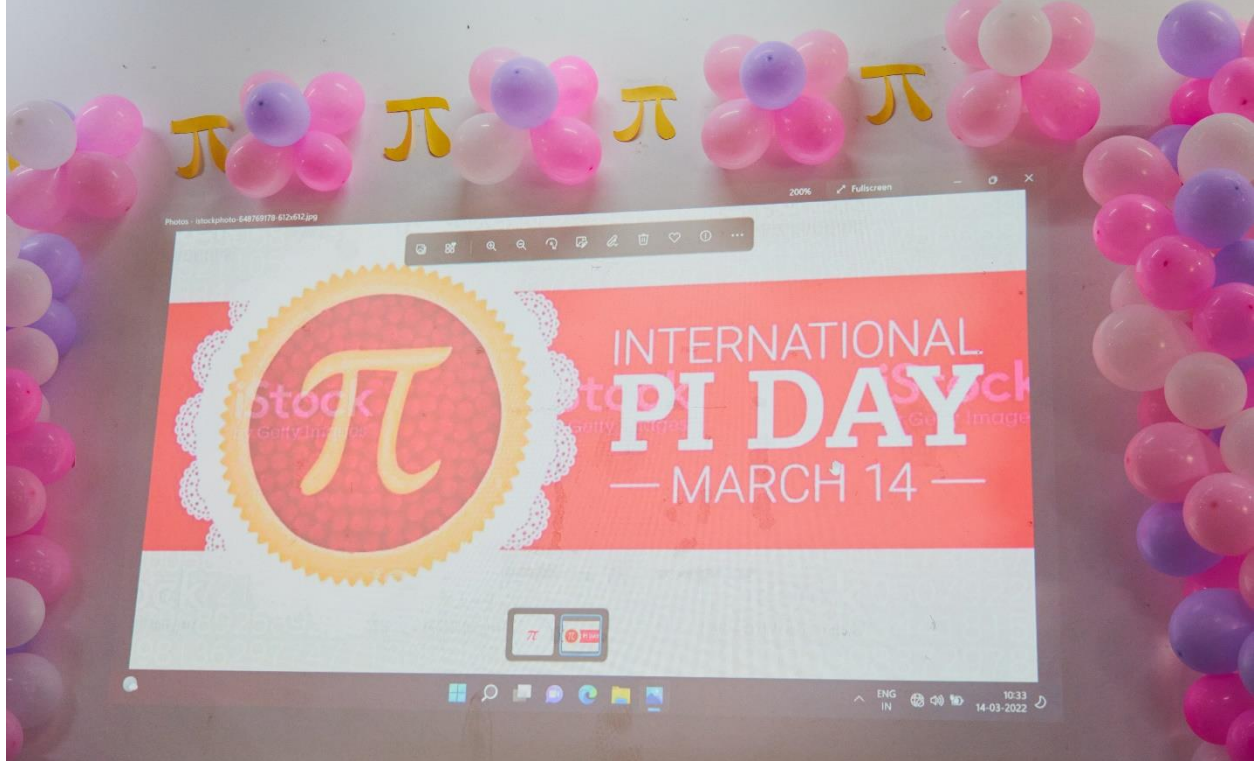
Poster Competition

Elocution Competition

PI Memorization Competition

Outcome: The Event was meaningful and beneficial to all participants present. The presentations were highly informative, vivid, enlightening and absorbing. The Event provided students with a fantastic opportunity to gain organizational experience, to prepare and present content, as well as to showcase their artistic side in the eye-catching posters put up on display—which they grabbed with both hands. It has not failed to enhance the camaraderie among the students themselves, as well as bolster the rapport between faculty and students. In a more profound sense, the Event has only helped deepen our sense of kinship with the worldwide mathematics community, no less.

Photo Gallery:


















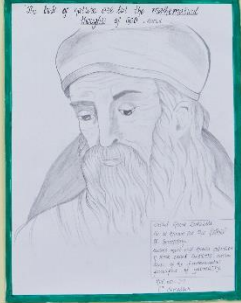
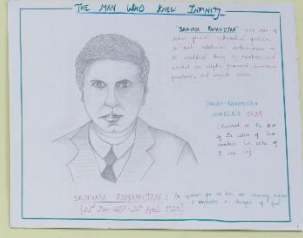
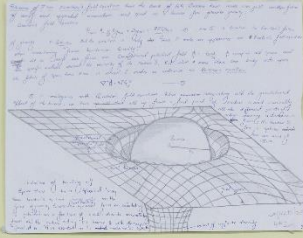
π π π π

π cannot be constructed by ruler and compass :
 π is transcendental (1882)

Carl Louis Ferdinand von Lindemann (12 April 1852 – 6 March 1939) was a German mathematician, noted for his proof, published in 1882, that π (pi) is a transcendental number, meaning it is not a root of any polynomial with rational coefficients.

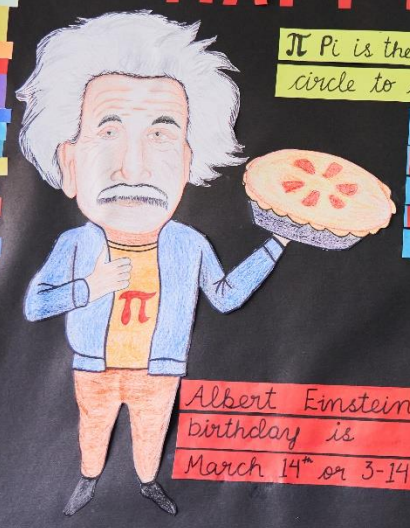


This proof put aside the old age mystery that the circle can be squared



HAPPY π DAY

π Pi is the ratio of the circumference of a circle to its diameter. $\pi = C/d$



Albert Einstein's birthday is March 14th or 3-14

HISTORY

- π Used for almost 4,000 years.
- π Archimedes approximated it.
- π William Jones started using the Greek letter for it.
- π Euler helped to popularize the symbol's use.

PI FACTS

- irrational
- a constant
- never ends or repeats
- transcendental
- no pattern
- approximately equal to 3.14

CIRCUMFERENCE

$C = 2\pi r$
 $C = \pi d$

AREA OF A CIRCLE

$A = \pi r^2$
 $r = d \div 2$

FIND THE AREA

$A = \pi r^2$
 $A = \pi \times 6^2$
 $A = 36\pi \text{ m}^2$
 $A = 113.04 \text{ m}^2$

VOLUME OF A CYLINDER

$V = \pi r^2 h$

FIND THE VOLUME

$V = \pi r^2 h$
 $V = \pi \times 6^2 \times 5$
 $V = 36\pi \times 5$
 $V = 180\pi \text{ cm}^3$
 $V = 395.64 \text{ cm}^3$

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