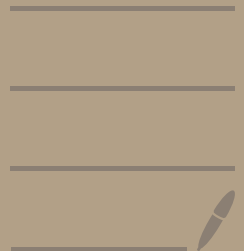


L1-06/08/2024



Instructor : Prof. Madhusudan
Manjunath

Course Structure

- Paradigm – Learning Math (✓)
v/s

Learning about Math

- Define Mathematics
- Study devp. of Math in diff. cultures across the world at various time periods.
- Ancient Indian Math
 - Vedas
 - Jain texts
 - Particular mathematicians
(Aryabhatta, Bhaskaracharya, etc.)

- European Math
 - Ancient Greece
 - Central & Southern Europe
- Overview of Modern Math

Project

Explore Math of other civilizations across the world.

eg - Japan, China, Arabia,
(Wasan)

Kerala School of Math, etc.
(devp. of Calculus)

Refer to more than one sources

Take a scholarly approach

Groups of 2.

Approach

Emphasis will be on the philosophical grasp of the material presented; neither historical or technical proficiency.

Grading Policy

- Mid-semester - 30 %.
- Project - 30 %.
- End-semester - 40 %.