

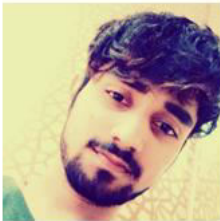
**Math Club (DOMAIN)**  
**(DOn Bosco Math Activity INitiative)**  
**Glimpses and Report**  
August 2017

Objectives:

- To generate interest in the subject of Mathematics amongst students
- To engage students in problem-solving (and enjoy the process too!)
- To create awareness about the applications of Mathematics in engineering and real life
- To create awareness about the mathematical way of thinking

Teacher in-charge: Revathy S

**Our Core Members**



**Aldan Sequeira**  
Chairperson  
TE - EXTC



**Shruti Mehata**  
Vice Chairperson  
TE - EXTC



**Nigel Fernandes**  
Secretary  
SE - MECH



**Priyanka Sharma**  
Treasurer  
TE - EXTC



**Shubham Bisht**  
PR Head  
SE - IT



## A Brief report of the origins and activities of MathClub

The Math Club of DBIT (DOMAIN – DOn Bosco Math Activity INitiative) came into existence in 2007.

A bunch of math enthusiasts (some students with math teachers) wanted to share the fun of discussing and solving math puzzles with the other students.

There was a discussion about the things that can be done as and by this group (the discussion still goes on..)

We started putting up puzzles in chart papers in the notice boards – which sometimes nobody noticed – and some interesting facts about some famous Mathematicians.

The following year, we also invited a student to conduct workshop on 'how to crack GATE exam'. We also conducted some numerical aptitude tests for third and final year engineering students which we thought, would help them in their aptitude exams and interviews.

From 2009 onwards, we started to conduct some 'extra coaching / teaching' lectures for students who found mathematics difficult. Also for the past 5 years we are conducting 'Calculator Workshop' for the first year students. Some math club members have also helped teachers in digitizing their lecture notes in LATEX software. A LATEX training session was also conducted by the members for the III year students as that would help them to write papers / research articles in IEEE format.

We have also started to have 'MAD' (Math Appreciation Day) : The math club students will collect together (we plan for once in a fortnight) after college hours in a classroom and discuss some interesting topics of mathematics. Some of the topics include irrational numbers, the golden ratio, gamma function, prime numbers, game theory, moebius strip etc.

The present major activities are:

- Wednesday (weekly) puzzles
- Math fest Hi-Fi event (during the annual technical event , *Collosseum*, of the Institute)
- Intercollegiate Math Quiz, now transforming to Math-Phy Quiz

### **Events since July 2017:**

1. Friday, July 28 MAD session; Topic: Golden ratio
2. Thursday, August 24, 2017 – Calculator workshop for F.E students
3. Saturday, August 26, 2017 - Aptitude Test (in MOODLE) for all DBIT students
4. Monday, August 28, 2017, Tuesday, August 29, 2017 and Saturday, September 2, 2017 – Assisting teachers in teaching Mathematics for II year direct entry (Diploma) students

Upcoming Events:

1. Thursday September 21, and Friday September 22, 2017 – Intra Collegiate Math Phy Quiz
2. Saturday, October 7, 2017 – Inter Collegiate Math Phy Quiz