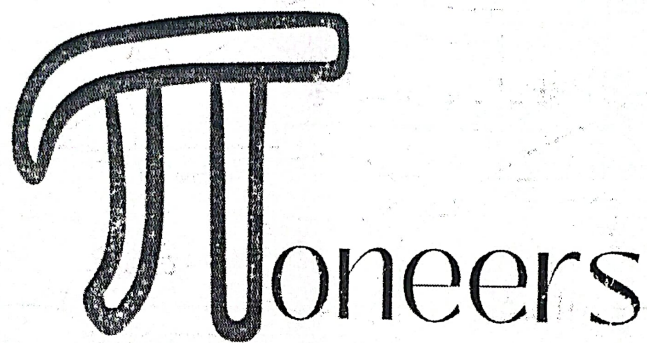


PIONEERS CLUB



COUNT - CALCULATE - CONQUER

A MATHEMATICS THEMED STUDENT
CLUB

AU COLLEGE OF ENGINEERING

Why do we need a math club?

- AU COLLEGE OF ENGINEERING have been remarkable in producing skilful engineers in who are contributing several developments to the world.
- Every engineering subject have deep connectivity with mathematics. Maths acts as a language of communication between scientific theories and practicality.
- Learning maths is essential for in depth understanding of different concepts in engineering fields. We believe that maths can be understood better when we indulge our interest in it.
- That is why we, As Andhra university students decided to take initiative to start a mathematics club, to encourage students in understanding maths in a better way by participating in different activities.
- We believe math club will play a dominant role in enhancing the understanding capabilities of students in their respective fields of engineering.

Introduction of our club

- We would like to recall one of the most important Constant in the field of mathematics. π is a recurring decimal that we took as reference to name our club. Describing its continuity and endlessness, we named our club π toneers.
- Through our club we aim to learn mathematics, exploring endlessly with consistency and continuity, so we thought "PI"oneers would be the best name for our club.
- Through this club we would like to recruit maths enthusiasts and involve their participation in several maths activities.
- Our club will also promote learning newly researched data and information in mathematics.

Goals of the club

- To create a group of enthusiastic, active students interested in learning mathematics.
- We, as the AU COLLEGE OF ENGINEERING students believe, everything is easy when you understand it through heart. Hence our goal through this Math club is to indulge everyone in maths activities that involves team work, social interaction and most importantly it makes the learning process interesting.
- Remove the fear of participation from the students, and make them more open.
- Improving the participant's general abilities like aptitude, speed calculation and graphical imagination.
- Enhancing interests of students in the field of mathematics.

Activities of our club

Activities conducted in the club vary with every meet following the below structure:

- *Icebreaker Activity:* Start with a fun math-related maths activity to engage members and set a positive tone for the meeting.
- *Presentation or Workshop:* Have a guest speaker or club member present a math-related topic, theorem, or problem. Alternatively, conduct a workshop on a specific mathematical concept.
- *Discussion and Q&A:* Encourage members to ask questions and engage in a discussion about the presentation or workshop. This is a great opportunity to clarify doubts and deepen understanding.
- *Group activity:* Challenge members with math puzzles or problems. You can work on these in small groups and then discuss solutions together. This improves social connectivity and interaction between participants.
- *Individual activity:* This section contains activities that are to be done individually. This creates an environment of equal participation allowing everyone to involve in the meet.
- *Optional: Math Games or Competitions:* If time allows and interest is high, you can include math games or mini-competitions to make the meetings more interactive.
- *Closing Remarks:* Wrap up the meeting by summarizing key takeaways and thanking everyone for their participation.

Duration and recurrence of the meet

- The meet lasts up-to 2 hours based on the activities conducted in the meet.
- The meetings of the club will be conducted 2 to 3 times a month.
- The meeting will be conducted after the classes, to involve maximum participation.

Inspiration of the club

- We took our inspiration from Srinivasa Ramanujan. He is an Indian mathematician who made pioneering contributions to number theory
- In 1914, Ramanujan found a formula for infinite series for pi which forms the basis of many algorithms used today.
- Just like him we are willing to make significant contributions in developing interests among students for mathematics.

Office bearers

- Patron: Prof. G.Sasibhusana Rao, Principal, AUCE
- Mentors: 1)Prof. P.Vasudeva Reddy
2)Prof. T.Linga Raju
3)Prof. Ch.Santhi Sundar Raj
- President: G.MD. Mudassir (2/4 ECE)
- Vice-President: Sabiha sulthana.MD (2/4 ECE)
- Secretary: M. Sri Lakshmi (2/6 CSE)

Recruitment procedure

- Participants who are interested in the club can register to join the club through Google form.
- The participants will go through two levels of testing.
 - 1) Written test: To know their basic knowledge and proficiency in the subject.
 - 2) Interview round: To know their motives to join the club.
- There is no registration fee for the enrolment.

Conclusion

- Our club is more than just a gathering of like-minded individuals; it is a vibrant community bound by the shared love of mathematics. It is a place where the infinite possibilities of numbers and equations come to life through spirited discussions, challenging problems, and collaborative exploration.
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