

e-IntraCollege Mathematics Festival 2020

Vision:

IntraCollege Mathematics Festival 2020 (e- IMF- 2020) is the mathematics fest conducted by **Department of Mathematics** under College of Science and Technology SRMIST, KTR. IMF is conducted to promote and support the mathematician inside all of us. This fest particularly focuses on nurturing on the young minds and also the future of this nation. At Ramanujan Mathematics Club, we believe that, in this world everything rolls around numbers, Numbers which we use for basic calculation to thinking of outcomes in our life, maths is involved everywhere. IMF is one such event where we provide all these young minds inside our campus, an opportunity to storm their brains with different maths events and develop their minds. The best part about our event is that the students get a healthy environment to learn and at top of it the 3 best performs win cash prize and certificates. All participants are provided with participation certificate and OD to attend the event, which helps them concentrate more on event rather than taking any sort of tension about their attendance.

Aim:

To organize an event where students across the campus can register and use their mental potential to the fullest and to provide a platform to develop upcoming young talents.

Events:

IntraCollege Mathematics Festival will majorly comprise of three events namely:

1. Maths Quiz
2. Search Cross
3. Treasure hunt.

Event Structure:

1. Maths Quiz

A National-Level quiz competition will be held for the students perusing graduation (i.e. is in 1st to 4th year of college). It consists of rounds and competitions that are highly interactive, informative and fun. It consists of question related to Maths core and also brainstorming question.

About quiz:

These is a single level round Quiz.

The following are the conduction of Quiz:

1. It will be a Google form based Quiz consisting solely of MCQ.
2. The marking will be on the basis of the prior prepared solution and answer key.
3. The marking scheme is +1 for every correct answer but no negative marking in case of any wrong or un-attempted question.
4. In case of tie in marks, the one with lesser time will be considered the winner.
5. Top three winners win Cash Prize.

2. Search Cross

Search Cross is a simple challenge, participant will be provided with 30 hints. And he needs to solve the 30 hints and mark them in a search box(a matrix of 20x20 matrix. The participant will be provided with a submission google form with hints, first they need to solve according to provided hints and then they need to search for the answer in that matrix and needs to cross it out(strike the answer out). The first separation will be on the basis of no of clues solved, then the second stage filtration will be on basis of maximum number of correct answer strike out. The winner will be concluded on the basis of maximum correct answers.

About Search-Cross:

- 1.It is a single round event.
2. Any Number of participants can enter and will be competing against each other.
3. The winner will be decided on the basis of the one with most correct/accurate answer.
4. In case of tie, the player who will submit it in least time will be declared the winner.
5. The top 3 participants will be awarded with respective cash prizes.

3. Treasure Hunt

Treasure Hunt is a game in which players search for hidden objects by following a trail of clues. Players need to use their cleverness, tricks and mathematical knowledge to solve the questions as soon as possible with most accurate answer. In this online edition, participant will be first provided with a clue and 10 pdf. All the 10 pdf's are encrypted with some password, the clue to the password is given in the previous document. The password to first document will be in the image provided. Continuing to which once unlocked gives you a clue to unlock the next pdf. All the pdf will be marked as 1.pdf, 2.pdf...and so on. Participants will be provided with a google form to answer the passwords. Which they need to submit for evaluation.

About Treasure Hunt:

1. It is a single player event.
2. Players need to solve the provided clues in the least time possible.
3. The player need to solve the clue and get the key to next pdf.
4. The player to solve all the 10 clues in the least time will be declared as winner.
5. In case of tie the player with least time will be preferred.
6. Top 3 teams will be awarded cash prizes.

General Guidelines:

1. Do not possess a lot of time on one question.
2. In case if you find any question wrong, choose anyone option and mail us the details of the same once you are finished with your test on provided email address.
3. In case of any issues, decision taken by secretariat will be final.
4. Someone unable to submit the form will be considered disqualified.
5. Anyone with genuine reason can contact the office bearers for help.