



**RUIA COLLEGE**  
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S. P. MANDALI'S  
RAMNARAIN RUIA AUTONOMOUS COLLEGE  
MATUNGA, MUMBAI - 400019

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Azadi Ka  
Amrit Mahotsav



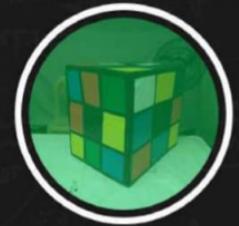
**MATHTRIX**

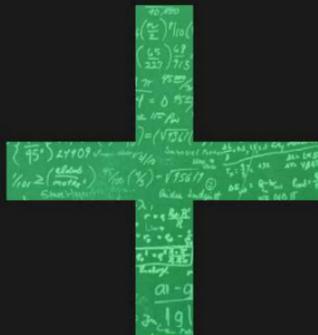
DEPARTMENT OF MATHEMATICS

Presents

Annual fest | **MATHTRIX'22**

DATE: 4th & 5th FEBRUARY





Ramnarain Ruia Autonomous College is organizing an Inter Collegiate Festival 'Samanvay'.

As a part of 'Samanvay', the Department of Mathematics is organizing a Mathematics festival "MATHTRIX".

Mathematics is an extremely important subject in college life as well as in real life. To generate awareness and rekindle interest of students in the subject we are organizing:

1. Fun games
2. Mathematical Events

Dates for the exciting event are **4th and 5th February**. The theme for MATHTRIX this year is "**SUSTAINABLE DEVELOPMENT**". There are numerous games designed under the theme and few exciting and fun loving games. This year the competitions will be in online mode due to Covid restrictions. Students from colleges all over Mumbai and suburbs are expected to participate in these exciting events. The list of events taking place is mentioned below.

**NOTE: NO REGISTRATION FEE**

EVENT 01 (04th FEBRUARY)

## MATHYWOOD

"JAANI, YEH MATHS BACCHON KE SEEKHNE KI CHEEZ HAI, EK BAAR AA JAYE TO LIFE BANA DETI HAI"

Brace yourself for this special Math-Tadka. Mathrix-22 brings you an exhilarating event with a mathematical flavour, **MATHYWOOD**

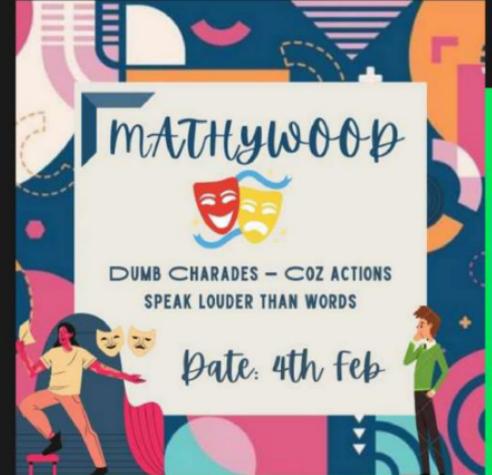
🤗📖 When Math Meets Bollywood 🎬🗣️ So brush up your knowledge of the movies from Ek Aur Ek Gyrarah to Life of Pi

### RULES:-

1. Every participant should register with valid e-mail address
2. Registration can be done as solo or as team
3. Each team must contain 3 people
4. In case you are registering as team, mention your team members. make sure your team members have filled registration form with same team members as you
5. In case you are registering as solo we will add you in team 2 days before event
6. Make sure you are providing valid whatsapp number while registering

### INSTRUCTIONS:-

1. There will be 2 rounds: a) Bollywood b) Mathematical brain
2. Time limit for 1st round will be 2 min and 2nd round will be 1 min
3. For 1st round each team will choose 1 player who will enact the movie (which will be given by host)
4. For each right answer 1 point will be given and in the end 3 teams with highest score will advance to 2nd round
5. For second round host will ask questions (mathematical) and team which types and send answers (to host) first will get the point.



EVENT 02 (04th FEBRUARY)

## PRESENT-INNO

Gear up Everyone!!!

If you can't explain it simply, you don't understand it well enough. **PRESENT-INNO** A platform to showcase your presentation skills.

Be a part of Presentation Competition.

Topic for Presentation: *Mathematics and Sustainability*

Leave a mark with your unique presentation.

### RULES:-

1. Each Team must be of maximum 2 students (All UG/PG)
2. Language for presentation should be English
3. Duration of presentation shouldn't be more than 5 minutes
4. Presentation shouldn't have more than 6 slides (Excluding Title slide and Thanking slide)
5. Points will be awarded based on:
  - a) Content (10 points)
  - b) Presentation (10 points)



## EVENT 03 (05th FEBRUARY)

# EXQUIZITE

It's a perfect combination of smart and fun, so prepare your thinking hats and buckle up your brain. Coz we don't mean to brag, but we got this game in the bag. Do you? Prove it on 5th Feb by joining the most **EXQUIZITE** event.

### RULES:-

1. All participants must register with valid e-mail address.
2. Participants should make sure they have good internet connectivity.
3. Participants should keep their front cameras on all the time

### INSTRUCTIONS:-

1. Game will consist of 3 rounds:
  - A) Rapid fire (with 15 Questions)
  - B) Elimination round (with 10 Questions)
  - C) Ultimate Showdown (with 7 Questions)
2. Each question will carry one point
3. To pass 1st round participants must score 8 points then only they can advance to next round.
4. In 1st and 2nd round questions will be of MCQ type
5. Only 4 participants with highest score will move to Ultimate Showdown
6. Time allotted to answer each question in each round is as following:
  - A) Rapid fire - 20 sec
  - B) Elimination round - 30 sec
  - C) Ultimate Showdown - 45 sec



EVENT 04 (03rd-8th FEBRUARY)

## MEMEQUALITY

Love scrolling through memes. Damn they can be so funny  
But wait, feel like you can do better??

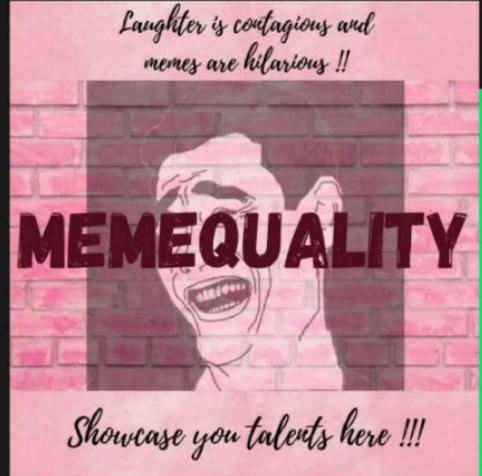
Then my sire, you have arrived at the right platform. Our event **MEMEQUALITY** is here for you to unleash the meme-lord within you

### RULES:-

1. Participants are required to submit meme based on either one of the category given below :
  - A) Maths and Marvel (MCU memes maths related)
  - B) Lockdown with Omicron
  - C) Maths and Online Class
2. Each participant can submit only one meme.
3. Meme should be in JPEG, JPG format between size limit of 100 Kb - 2MB
4. Your entry should capture essence of one of the theme
5. Any photo that is irrelevant or objectionable will be discarded immediately
6. To submit your meme we will sent goggle document on your given e-mail address

### INSTRUCTIONS:-

1. Participants must register for this event via valid e-mail
2. Google form link will be sent to all participants (to send their meme) on 3rd February and link will be closed by 5th February at 12:00 AM
3. We will post your meme at our instagram page by giving you full credits
4. You can share your meme link with your friends
5. Likes on your meme will be counted at 12:00 AM on 8th February
6. Maximum number of likes a post get, will be declared as a winner
7. Winner will be announced on 8th February before 11:00 PM



## EVENT 05 (04th FEBRUARY)

# MAP-E-MATICS

Are you getting bored sitting at home?? Of course this pandemic has not allowed us to travel, has it?

So here we go ahead with *MAP-E-MATICS* which will allow you to travel virtually by just solving some mathematical problem.

So let's travel virtually with a mathematical twist

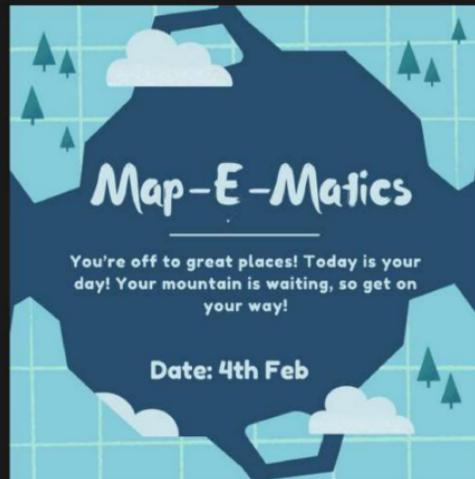
### RULES:-

1. All participants must register for the event with valid e-mail address
2. There is only one round in Map-E-Matics. The winner will be the one who finishes first with the most number of correct answers
3. Participants need to note down the clues of all questions. At the end, a Google form would be given to participants which they need to submit for evaluation
4. We will announce the winner after analysing all the responses from participants
5. Participants should keep their camera on throughout the event

### INSTRUCTIONS:-

1. A map with different marked locations would be provided to all the participants.

2. The participants are supposed to solve the questions in a proper order
3. First location would be given to participants and a pdf would be attached on that location the pdf will contain a question and a clue below
4. The clue will be of the next location the participants are supposed to go to
5. The next location according to the clue will have a password protected pdf attached and the password would be the answer of first question and this process goes on up to the last location
6. A mathematical figure or symbol will be formed when the locations are joined in a proper order by lines or curves (first and last points to be joined or not would be informed)
7. At the end, participants need to fill in all the answers and guess the mathematical shape or symbol formed



EVENT 06 (05th FEBRUARY)

## MAKE-A-MATHTALE

Good conversations are as stimulating as black coffee and just as hard to sleep after. - Anne Morrow Lindbergh

Don't let social distancing doom your conversation skills.

**MAKE-A-MATHTALE** where math and conversations go side by side.

### RULES:-

1. Only the participants registered would be allowed to participate, so if you haven't registered please register yourself with valid email address
2. Participants should ensure their Internet connection is good
3. Participants should keep their camera on throughout the event (failing to do so will lead to elimination)

### INSTRUCTIONS:-

1. There is only one round in Make-A-Mathtale
2. The winner would be the one who successfully completes the story with a mathematical term in each sentence.
3. Participants need to add one sentence having mathematical term quickly as per given turns to form a perfect story.
4. First sentence will be given by the host which will have a number or mathematical term in it
5. The sequence in which Players will add sentences will be assigned by host
6. Each player has to add 1 sentence with word related to maths as per the assigned sequence.
7. The one who fails to respond quickly or doesn't have a mathematical term in it or has less relation with earlier statement will lose the game.



## EVENT 07 (05th FEBRUARY)

# ALCATRAZCAPE

For all the adventurers and detectives Alcatrazcape is a game you can't miss.

A definite fun event with a bucket load of adrenaline rush...

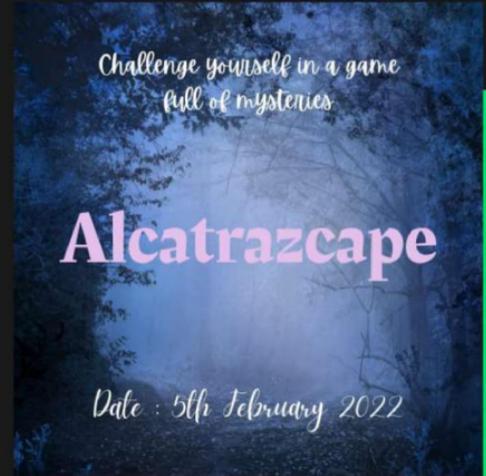
So get ready for all the amusement and register now!!

### RULES:-

1. Participants registering have to provide valid e-mail address for us to provide meeting link
2. Sharing of meeting link is strictly prohibited
3. Participants must escape the prison within the time limit provided by host

### INSTRUCTIONS:-

1. There will be a total of 4 rounds in the game
2. The one who solves the clues scattered at the earliest and reaches the last link to submit the entry will be the winner
3. The story plot and plan of action will be explained to you by the host on the day of the game
4. The baseline revolves around a guy whom you want to help escape the prison from the clues provided
5. All the clue pdfs will be password protected whose answers lie in previous clue.
6. The first clue will be provided.



Maths is a beautiful, never-ending journey of exploration. Allow us to guide you on this beautiful journey. This February, lock your dates, 4th and 5th February !!\*\*



**CONTACT US:**

Bhakti Jambhale:- 9082932988

Ankita Ubale:- 8425817149

**FOLLOW US ON:**



@mathrix\_2022

(Registration link available on Instagram highlights or you can contact with the above numbers)