Ref. No: CU/CC/RC/2024-2025/003

Date : 23 September 2024

CIRCULAR

The Ramanujan Club from the Department of Mathematics is organizing Mathematical Aesthetics, a **Poster Making Competition on 23rd September 2024**, from 2:00 PM to 4:30 PM at the DD1 Seminar Hall, Chandigarh University.

This unique event offers a platform for students to creatively visualize and express mathematical ideas through art. Participants are encouraged to explore the beauty, symmetry, and patterns found in mathematics and translate them into visually compelling posters. Whether abstract, conceptual, or application-based, the goal is to demonstrate how mathematics intersects with creativity and design.

The competition aims to enhance visual communication skills, promote appreciation for mathematical elegance, and celebrate the fusion of logic and art. It's an opportunity to think beyond equations and express the soul of math in color and form.

Outstanding posters will be honored on the same day, and select entries may be featured in future Ramanujan Club exhibits or university showcases.

- Visualize mathematics. Create with purpose. Inspire through art.

For more details, please visit your CUIMS account.

For more information Contact:

Faculty Advisor: Dr. Akanksha Singh (e10462)
9888414611
akanksha.e10462@cumail.in

Student secretary: Chirag Pathania
6230031430
chiragpathania49@gmail.com

Harish Nagar

Prof.(Dr.) Harish Nagar
Associate Director
Department of Mathematics
University Institute of Sciences
Chandigarh University Gharuan(Mohali)

329
19/9/24.

Received on 14/09/2024 (02:40 pm). – Returned with Remarks.

CHANDIGARH UNIVERSITY

WORLD UNIVERSITY RANKINGS OVERALL GLOBAL RANK 771-780

19 SEP 2024

NAAC GRADE A+

Received Date(For Office Use): 18/09/2024 (12:32 pm)

CO-CURRICULAR ACTIVITY / EVENT APPROVAL FORM

Registration Entity Number: CU2024/CLUB/HOSK/CL-009

Entity Type: ☑ Club ☐ Community ☐ Departmental Society ☐ Professional Society

Entity Name: Ramanujan Club

Event Name: Mathematical Aesthetics

Organised by (Dept./Inst./Clus.): University Club

Venue: DD1 Seminar Hall

Coordinator Name: Dr. Akanksha Singh

Email: akanksha.e10462@cumail.in

Course Name: All Courses

SDG: NA

Event / Activity ID (After CUIMS Punching)

Date: 23 September 2024

Time: 1:50 PM – 4:00 PM

Event Category: Monthly / Weekly

Contact Number: 9888414611

Expected Participants: 50 +

Program Code: All Program Codes

Source of Fund ☐ Central ☐ Institute ☑ Department(s)

Event Type:

☐ Online ☑ Offline ☐ Hybrid

Competition

☑ Internal ☐ National ☐ International

A Brief Description of Event

Outcome of the Activity: Creativity & Artistic expression

Mathematical Aesthetics is a competition celebrating a fusion of math & Art. Where participants create visually captivating works based based of mathematical concepts, patterns & symmetry etc.

Required Documents

ALL APPROVAL MUST BE IN BETWEEN 27TH OF MONTH TO 3RD OF NEXT MONTH. AFTER OFFLINE APPROVAL, CUIMS PUNCHING WITHIN 7TH OF EVERY MONTH FOR ALL EVENTS IS MANDATORY AND SHOULD BE COMPLETED AS PER DELEGATION OF POWER.

[If any documents is missing approval will not be processed] [Attach the below Annexure with this form]

✓ Event Details | Guest list & Profile | ✓ Minute-2-Minute | ✓ Budget summary | Departmental Approved Budget Copy

Office Bearer (As Applicable)

E10462 — Faculty Advisor — 09/9/24

Dr. Sonu — Co-curricular Coordinator (From Dept.)

Prof. (Dr.) Harish Nagar, Associate Dean, Department of Mathematics, University School of Applied Sciences, Chandigarh University — HOD — 10/9/24

PVC- Academic Affair [Associate/Assistant Dean]

CU Academic Leader (As Applicable)

Prof. (Dr.) S.S. Chauhan, Director, UIS, Chandigarh University, Gharuan, Mohali, (Punjab) — Associate Director /Director /Principal/Dean — 11/9/24

Prof. (Dr.) Dattatri K Nagesha, Executive Director - Sciences, Chandigarh University, Gharuan, Mohali, (Punjab) — Executive Director

CU Management (As applicable)

18/09/2024 — Pro-Vice Chancellor Academic Affairs

11.9.2024 — Pro-Vice Chancellor

Pro-Vice Chancellor, Chandigarh University, Gharuan, Mohali - 140413

RAMANUJAN CLUB

PROPOSED PLAN – Mathematical Aesthetics

The Ramanujan Club presents **Mathematical Aesthetics**, an exciting event where participants will showcase their creativity by interpreting mathematical concepts through art. Participants will compete within the club, working on selected themes that merge the beauty of mathematics with artistic expression. This unique competition encourages participants to explore and visualize mathematical ideas in innovative ways, highlighting the elegance and creativity inherent in the world of mathematics. Trophies and certificates will be awarded to the most outstanding works!

Objective:

The Ramanujan Club presents **Mathematical Aesthetics**, an exciting event where participants will showcase their creativity by interpreting mathematical concepts through art. Participants will compete within the club, working on selected themes that merge the beauty of mathematics with artistic expression. This unique competition encourages participants to explore and visualize mathematical ideas in innovative ways, highlighting the elegance and creativity inherent in the world of mathematics. Trophies and certificates will be awarded to the most outstanding works!

Guidelines:

This event invites participants to showcase their artistic talents and interpret various mathematical concepts through creative poster designs. The competition is open to both individual participants and teams of two. Winners will be felicitated with certificates and prizes.

Themes for the Poster Competition:

Participants can base their artwork on any of the following mathematical themes:

1. Mathematics in Nation Building: Depict how mathematical concepts contribute to national development, including urban planning, energy solutions, and advancements in science and technology.

2. Maths: The Backbone of India's Future: Focus on how mathematical advancements drive progress in fields like AI, data science, space exploration (e.g., ISRO's missions), and education.

3. Sankhya Shakti: Building a Stronger India: Highlight the power of numbers and statistics in shaping India's growth in areas such as economics, population management, and sustainable development.

4. Mathematics in Nature: Explore mathematical patterns in natural phenomena, such as the Fibonacci sequence, fractals, and the symmetry in flowers or shells.

5. The Beauty of Geometry: Showcase the elegance of geometric concepts like polygons, circles, and 3D shapes through artistic visualizations.

6. Mathematics Across Cultures: Depict how different cultures contributed to mathematical knowledge throughout history, focusing on contributions from ancient India, Greece, Egypt and others.

7. Infinity and Beyond: Delve into abstract mathematical concepts such as infinity, limits, and the mysteries of the universe through creative representations.

8. Fractal Painting: Use the concept of fractals, which are repeating geometric patterns, to create intricate and visually appealing artwork inspired by both mathematical constructs and nature.

Competition Rules:

1. Participation: Students can participate individually or in teams of two.

2. Themes: Choose any one of the themes listed above for your poster.

3. Medium: The artwork can be created using any artistic medium (e.g., paints, pencils, digital tools) but must visually express the chosen mathematical concept.

4. Submission: Posters must be submitted on 23rd September at the designated venue, details of which will be shared later.

5. Judging Criteria: Entries will be judged on creativity, clarity of concept, originality, and how well they express the chosen mathematical theme.

6. Awards: Winners will be felicitated with trophies and certificates for their outstanding contributions.

Minute to Minute Schedule

Event/Activity Name: Mathematical Aesthetics
Date: 23/09/24
Department Name: Mathematics (UIS)
Coordinator Name: Dr. Akanksha Singh
Brief Description: It is a competition celebrating a fusion of math & art. where participants shows their work based on mathematical concepts.

Timings	Sequence of Events
1:50 – 2:05	Settlement & allocation of the participants
2:05 – 2:25	Arrival of judges, Introduction & Rules of the event
2:25 – 3:30	Competition begins
3:30 – 3:50	evaluation of participants
3:50 – 4:00	Vote of thanks, Result declaration.

DEPARTMENT OF ACADEMIC AFFAIRS

RANKED #27 AMONGST TOP UNIVERSITIES IN INDIA

NAAC GRADE A+

ACTIVITY BUDGET SUMMARY SHEET

EVENT DETAILS

Department Name: Mathematics (UIS)

Activity/Event Name: Mathematical Aesthetics

Activity/Event Type: Monthly / weekly

Event Date: 23 September 2024

Co-Curricular Coordinator: Dr. Sonia (Dept.)

Entity Type: ☑ Club ☐ Departmental Society ☐ Community ☐ Professional Society

Entity Name: Ramanujan Club

Category	Amount (in Rupees)	Remarks
Approved Departmental Budget for Current AY [24 – 25(for Activities/Events)]	615000/-	Attach Copy of Approved Budget with Highlight, Annexure 1
Budget Used/Spent Till Date [AY 2024-2025]	89495/-	-
Balance Budget Available	525505/-	Approved Dept. Budget – Budget used till date
Sponsorship Amount (If Any)	–	Attach Proof of Verification, Annexure 2
Budget Required for the Activity/Event	1395/-	Budget Summary with Details of [Revenue/Expense], Annexure 3
No. of students benefitted from the Activity/Event	50-80 (students)	-

*Attach the Copy of Approved Institute/Department Budget for AY [23-24] the Activities/Events duly signed and stamped by the HoD(s), Director(s) and Executive Director(s). **[Annexure - 1]**

*Details of the Organization/Committee paying the sponsored amount along with the verification of the amount received from Department of Accounts. **[Annexure - 2]**

*Budget Summary along with Total Revenue/Expense for Activity/Event. **[Annexure - 3]**

NOTE: Activity/Event Approvals to be submitted, prior 72 hours of duly signed and stamped by the HoD(s), Director(s) and Executive Director(s) in the Department of Academic Affairs.

DEPARTMENT OF ACADEMIC AFFAIRS

nirf RANKED #27 AMONGST TOP UNIVERSITIES IN INDIA

NAAC GRADE A+ Accredited University

Detailed Budget Requirement for Activity/Event

Sr. No.	Department	Item	Quantity	Amount
1	Branding & purchase	Standee (2.5 x 6 ft)	01	195.00
2	"	Certificates	50	300.00
3	"	Memento (Winners 1st, 2nd, 3rd)	03	900.00
4				
5				
6				
7				
8				
9				
10				
Total				1395.00

22BNH20002
Secretary

E10462 16/9/24
Faculty Advisor/
Faculty Co-Advisor/
Co-Curricular Coordinator

16/9/24

16/9/24.
Prof.(Dr.) Harish Nagar
HOD
Associate Director
Department of Mathematics
University Institute of Sciences
Chandigarh University Gharuan(Mohali)

16/9/24
Prof. (Dr.) Chauhan,
Director, UIS
Chandigarh University
Gharuan, Mohali, (Punjab)
Director

Prof.(Dr.) Dattatri K Nagesha
Executive Director - Sciences
Chandigarh University
Gharuan, Mohali, (Punjab)
Executive Director

18.9.2024
Pro-Vice Chancellor
(Academic Affairs)

Pro Vice Chancellor/
Vice Chancellor
Pro-Vice Chancellor
Chandigarh University
Gharuan, Mohali - 140413

...digarh Educational Trust (Regd.)
...erative Expenditure
...udget for the Academic Session 2024-25

Total No. of Students (as per actuals)	2022-23	2023-24	2024-25 (Projection)
B.Sc (Hons./Hons. with Research) CSM	43	42	60
B.Sc. (Hons./ Hons. with Research) Mathematics	55	39	60
M.Sc. Data Sciences	160	119	120
M.Sc. Mathematics	41	32	60
M. Sc. Statistics	14		
Ph.D	56	3	5
Total	369	235	305

Operative Expenditure (Pls attach detailed calculation sheets where ever required)	Proposed Amount (Rs.) Odd	Even	Total (Rs.)
Affiliation / Inspection / Membership Fee	0	0	0
Affiliation & Inspection Fee			
Affiliation & Inspection Expenses			
Laboratory Consumables	1,19,073	1,00,368	2,19,441
Lab. Consumables Expenses-Chemicals	35,366	95,368	
Lab. Consumables Expenses-Glassware	65,727		
Lab. Consumables Expenses-Plasticware	12,980		
Lab. Consumables Expenses-Repair & Maint	5,000	5,000	
Collaborative Courses Expenses	0	0	0
Collaborative Courses Fee & Exp. (IBM etc.)			
Charges to Microsoft or any other organisation			
Any other, pl attach a separate sheet			
Faculty/Staff Training Expenses	74,000	74,000	1,48,000
Training Exp (Boarding & Lodging)	36,000	36,000	
Training Exp (TA/DA)	20,000	20,000	
Training Exp (Registration Fee)	18,000	18,000	
Conference (National) Expenses	0	0	0
Boarding & Lodging			
Honorarium			
Hospitality/Refreshment			
TA/DA			
Venue Arrangement			
Mementoes'/ Bouquets etc.			
Conference (International) Expenses	0	10,59,000	10,59,000
Boarding & Lodging		96,000	
Honorarium		60,000	
Hospitality/Refreshment		2,12,000	
TA/DA		440000	
Venue Arrangement		30,000	
Mementoes'/ Bouquets etc.		2,21,000	
Seminar & Workshop	1,22,500	38,500	1,61,000
Boarding & Lodging (7*5000)	30,000	5,000	
Honorarium (3000*10)	21,000	9,000	
Hospitality/Refreshment (@ 1000 per expert)	7,000	3,000	
TA/DA (10000*4+2000*3)(10000*1+2000*2)	46,000	14,000	
Venue Arrangement	4,500	1,500	
Mementoes'/ Bouquets etc.	14,000	6,000	
Academic Software Subscription Expenses	8,00,000	0	8,00,000
Academic Software Subscription Expenses (Matlab for 15 PC)	800000		
Students Welfare Expenses	1,10,000	1,10,000	2,20,000
Students Welfare Expenses-Refreshment	1,10,000	1,10,000	

Harish Nagar 17/5/24
Prof.(Dr.) Harish Nagar
Associate Director
Department of Mathematics
University Institute of Sciences
Chandigarh University Gharuan(Mohali)

Prof.(Dr.) Dattat... Nagesha
Executive Director - Sciences
Chandigarh University
Gharuan, Mohali, (Punjab)

Chauhan 17/5/24
Prof. (Dr.) S.S. Chauhan,
Director, UIS
Chandigarh University
Gharuan, Mohali, (Punjab)

Exchange Programs Expenses			
Boarding & Lodging	**90,000**	**90,000**	**1,80,000**
Honorarium	50,000	50,000	
Hospitality/Refreshment	0	0	
Printing & Stationery	0	0	
TA/DA	0	0	
Advertisement	40,000	40,000	
Expenditure on CU financed Projects	0	0	
Project wise expenditure (UG)	**0**	**1,60,000**	**1,60,000**
(PG) Expert for Dissertation (15 Experts @6000 for 10 students) (Total 151 students)		70,000	
Stationery, Misc		90,000	
Departmental Stationary (Office+Faculty)	**12,000**	**12,000**	**24,000**
	12,000	12,000	
Honorarium	**33,000**	**33,000**	**66,000**
External faculty			
Guest Lectures (6 + 6 Experts)	18,000	18,000	
TA/DA (10*1000 (Local) + 2*10000 (Outsider))	15,000	15,000	
Industrial Visit	**1,00,000**	**1,00,000**	**2,00,000**
Car			
Bus (For 800 students) (4 in each semester) charges	1,00,000	1,00,000	
Other Vehical			
Events / Fests / Conclaves (Deptt Level)	**6,15,000**	**8,26,000**	**14,41,000**
National Mathematics Day-2024	3,67,000		
National Science Day -2024		150000	
National Statistics Day-2024		4,17,000	
RDC (03)	12,000	12,000	
BOS (05)		50,000	
FOS (2M)		12,000	
FDP (05)	65,000	65,000	
POP	90,000	90,000	
VAC (4 Experts)	30,000	30,000	
Lecture Series (5*3000+3*1000 (TA/DA Local)+ 2*10000(TA/DA Outsider)+ 5000(Hospitality)+ 8000(Mementoes))	51,000		
Total Opex	**20,75,573**	**26,02,868**	**46,78,441**

Revenue Receipts (Other than Routine Fee)			
Short Term Courses Fee (NAC)	50,000	50,000	1,00,000
Research Earnings			
Consultancy Earnings	1,00,000	1,00,000	2,00,000
Publication & Journal		0	0
Seminars		0	0
National Conferences			0
International Conferences		3,40,000	3,40,000
Workshops		30,000	30,000
External Grants	20,000	2,20,000	2,40,000
Sponsored Projects	10,00,000	10,00,000	20,00,000
Corporate Grants / Sponsorships	0	20,000	20,000
Others, if any		2,00,000	2,00,000
Total	**11,70,000**	**19,60,000**	**31,30,000**

Marish Nagar 17/5/24
Prof.(Dr.) Marish Nagar
Associate Director
Department of Mathematics
University Institute of Sciences
Chandigarh University Gharuan(Mohali)

Prof.(Dr.) Dattatri K Nagesha
Executive Director - Sciences
Chandigarh University
Gharuan, Mohali (Punjab)

Chauhan 17/5/24
Prof. (Dr.) S.S. Chauhan,
Director, UIS

CO-CURRICULAR ACTIVITY/EVENT APPROVAL FORM

Date and Event Details

Activity/Event ID : 2024-11-11613

Created Date : 11/25/2024 11:16:23 AM

From Date/Time : 23 Sep 2024 13:45 **To Date/Time :** 23 Sep 2024 16:30

Activity Type : Club Activity

Event Name : Mathematical Aesthetics **Category :** Co-Curricular Activities

Coordinator : E10462:Akanksha Singh(9888414611) **Dept Organized By :** MATHEMATICS

Description : Mathematical Aesthetics, an exciting event where participants will showcase their creativity by interpreting mathematical concepts through art.
Participants will compete within the club, working on selected themes that merge the beauty of mathematics with artistic expression.

Organization & Professional Society Details:

In Association with : No

Professional Society :

Name	Email	Contact	Organization	Designation	Academics	Industry

Organizational Society :

Name	Email	Contact	Organization	Designation	Academics	Industry

Requirements:

Allowance required? : No

Honorarium required? : No **Honorarium Amount :** 0.000

Travel required? : No **Travel Amount :** 0.000

Stay required? : No **Stay Amount :** 0.000

Branding Requirements?

Photography required? : No

Videography required? : No

Flex required? : No **Flex Text:**

Flex Size:

Flex Amount: 0.000

Banners required? : No **Banner Text:**

Banner Size:

Banner Amount: 0.000

Standee required? : Yes **Standee Text :** 1

Standee Size :

Standee Amount : 195.000

Memento required? : Yes **Memento Text :** 3

Memento Size :

Memento Amount : 900.000

Folder required? : No **Folder Text :**

		Folder Size :	
		Folder Amount :	0.000
Brochure required? :	No	**Brochure Text :**	
		Brochure Size :	
		Brochure Amount :	0.000
Other Items Required :	Yes	**Other Text :**	Certificates
		Other Size :	
		Other Amount :	300.000

Budget Required For the event : 1395

Phone : 9888414611

Email : akanksha.e10462@cumail.in

Block : DD1

Room No : 113

Venue :

Chief Guest Details:

Chief Guest Name:

Chief Guest DESIGNATION:

OBJECTIVE / HIGHLIGHTS OF THE ACTIVITY:

ANY OTHER INFORMATION/REMARKS:

Activity Attended By: , All Student And All Employee

Approval Status:

HoD Approval Status: Approved

Approved By: Harish Nagar (E11866) Time : 25 Nov 2024 15:00:46

DAA Approval Status: Approved

Approved By: Pawan Kumar (E7364) Time : 28 Nov 2024 10:08:57

Remarks: Budget Required - 1395/-
Dear Coordinator, kindly make sure to promote the event on CU Social Media handles. The event description must be improved by including technical details and outcome in 100 words. The photographs must be Geotag in post activity report.

Date : 06 May 2025 10:39:48

Approved By:

.....

Approving Authority

CHANDIGARH UNIVERSITY
RAMANUJAN CLUB
EVENT REPORT

Academic cluster	Sciences
Department (Institute)	Mathematics (UIS)
Faculty Advisor	Dr. Akanksha Singh
Faculty Co-Advisor	Ms. Bharti
Student Secretary	Chirag Pathania
Student Joint Secretary	Nikunj Arora
Event Venue	Seminar Hall, Block DD1, Chandigarh University
Event Date and Time	23rd September 2024, 2:00 – 4:00 PM

1) Event Name: MATHEMATICAL AESTHETICS

2) **Event Objectives:**
   a) Conducting a mathematics-based poster-making competition.
   b) Opportunity for the members to explore maths's various topics and applications.
   c) To conduct a contest where the participants can showcase their creativity and ideas on the theme, 'Mathematical Aesthetics', through their posters.
   d) The motive of the contest was to present an opportunity to the interested members of the club to enhance their presentation and speaking skills.
   e) Letting the participants explain their posters to the panel of judges through cross-questioning.
   f) Opportunity to meet the core team.
   g) Details on forthcoming events and projects.
   h) Membership registration.
   i) Connecting and interacting with fellow members.

3) **Brief Summary (in 100-200 words) :**
   The Ramanujan Club hosted the poster-making competition, Mathematical Aesthetics on 23rd September, 2024. The event started with an introduction to the competition. Highlighting its rules, regulations, and criteria to the participants and panel of judges. The main aim of this poster-making competition was to combine art and mathematics. The participants were given a set of 8 themes related to the subject of mathematics, for reference. Participants selected a topic and made a poster, expressing their ideas and perspectives. The participants were judged based on the following criteria: creativity, clarity of concept, originality, and how well they express the chosen mathematical theme. After a thorough cross-questioning regarding the chosen theme by the panel of judges, the winners of the competition were chosen. Future events and projects were discussed, sparking enthusiasm among attendees. A registration desk was set up, allowing students to sign up and become part of the club's vibrant community. The event was an amazing way for the members to understand various aspects of mathematics. The success of Mathematical Aesthetics was a testament to the hard work and coordination of all six departments within the Ramanujan Club. The HR team efficiently managed registrations and member engagement, while Event Management flawlessly organized the event's logistics. Social media generated excitement through strategic promotion, and Marketing ensured a strong turnout. The Creative team enhanced the event with visually appealing materials, and Operations oversaw the smooth execution of activities. Each department's dedication and collaboration were pivotal in making the event run seamlessly, showcasing the club's strength as a cohesive unit. Overall, the event was a great success, setting a strong foundation for the club's journey.

4) **Future Scope :**

The future potential of Mathematical Aesthetics looks promising. It has the capability to widen the participation, by involving participants from other departments or external institutions, the event can grow into an inter-collegiate or flagship competition, attracting diverse perspectives on math-art integration. We can also think that involving students from both mathematics and art backgrounds can lead to richer, more creative entries. This cross-disciplinary collaboration can foster innovative ideas. The best posters could be displayed in an exhibition, either within the university or online, increasing visibility for participants' work.

MINUTES OF MEETING: DETAILS

1. Held by department: Mathematics
2. Event name: Mathematical Aesthetics
3. Event type: Poster Making competition
4. Date: 23rd September, 2024
5. Venue: Seminar hall, Block DD1
6. Time: 2 pm-4 pm
7. Activities: Poster Presentation

OBJECTIVE/ AGENDA:

The objective of this event was to conduct a poster-making competition. Where the participants could present their ideas on the themes provided by the Club surrounding the topic, 'Mathematical Aesthetics', through their poster presentations. The motive of the contest was to present an opportunity to the interested members of the club to showcase their creativity and enhance their presentation and speaking skills.

MOM (Minutes of Meeting):

1. Start time: 02:00 PM
2. End time: 04:00 PM
3. Duration: 2hr

FROM: 02:00 PM -02:20PM **DURATION: 20min**

Settlement, registration, and briefing about the event.

FROM: 02:20 PM-02:40 PM **DURATION: 20min**

Event description for current event and upcoming event.

FROM: 02:40 PM-2:45 PM **DURATION: 5min**

Arrival of the judges

FROM: 02:45 PM-03:45 PM **DURATION: 60min**

Evaluation by the judges on various parameters.

Participants and Topics:

Participants and Topics:

S.NO.	TEAM	TEAM LEADER/MEMBERS	UID	DEPT.	TOPIC
1	Sharanpreet Kaur	Sharanpreet Kaur and Surbhi Sharma	23BMT70016	Mathematics	Maths:- The backbone of India's future
2	Surbhi Sharma	Sharan and Surbhi Sharma	23BMT70005	Mathematics	Maths:- The backbone of India's future
3	Gunika garg	gunika garg	24BMT70006	Mathematics	The beauty of geometry
4	Himpriya Kumari and Nandini Rao	Team name - HnN, Team leader - Himpriya	24MSM10007 and 24MSM10011	Msc Mathematics	Mathematics Across culture
5	Shreya Kumari	Shreya	23BNM20005	Mathematics	Fractal Painting
6	Aryan	Aryan Singh	23bai71455	Be CSE [Ai/ML]	Mathematics in Nature
7	Nandini Rao and Himpriya Kumari	HnN leader-himpriya	24MSM10011 and 24msm10007	Mathematics	Mathematics Across culture
8	Sandeep Kaur	Team name- Duo and team leader -Sandeep Kaur	24MSM10002	Msc mathematics	Mathematics in Nature
9	Dinesh	Team name- Duo and Team leader- Sandeep Kaur	24MSM10005	Mathematics	Mathematics in Nature
10	Jashanpreet kaur	jashanpreet kaur	24BNM20021	Dd1	Maths:- The backbone of India's future
11	Jasmine Kaur	Team Leader- Jasmine Kaur	24MSM10017	Mathematics	The beauty of geometry
12	Mehul Rakesh Singh	Mehul Rakesh Singh	23BCS13043	BE-CSE	Maths:- The backbone of India's future
13	Anisha Bhola	Performing individually	24MSM40016	MSc Data Science	The beauty of geometry
14	Harshita	harshita	24MSM40046	M.sc Data Science	Mathematics In nation Building
15	Simran	Cse Freshers and Aashima	24bcs10312	Cse	The beauty of geometry
16	Kashish	Kashish	24BNM20045	Bsc csm	Infinity and beyond
17	Prashant Kumar	Discrete dots , Harsh Kumar	22BCS15537	CSE	The beauty of geometry
18	Sahil	sahil	24BAV10117	B.Sc Animation, VFS and Gaming	Fractal Painting

RESULT EVALUATION:

S.NO.	TEAM	TOPIC	UID
1	Sharanpreet Kaur and Surbhi Sharma	The backbone of India's future	23BMT70016 and 23BMT70005
2	Jasmine Kaur	The beauty of geometry	24MSM10017
3	Aashima and Simran	The beauty of geometry	24bcs10312

FROM: 03:45 PM-04:00 PM **DURATION: 15min**

Result declaration and photographs

PHOTO GALLERY

SYMMETRY IN NATURE

GEOMETRY
PARABOLIC DISH SYSTEM
THE FIBONACCI SEQUENCE
GPS Map Camera
Sahibzada Ajit Singh Nagar, Punjab, India
QHF9+CR6, Chandigarh Rd, Punjab 140413, India
Lat 30.773543°
Long 76.569418°
23/09/24 03:37 PM GMT +05:30
Google

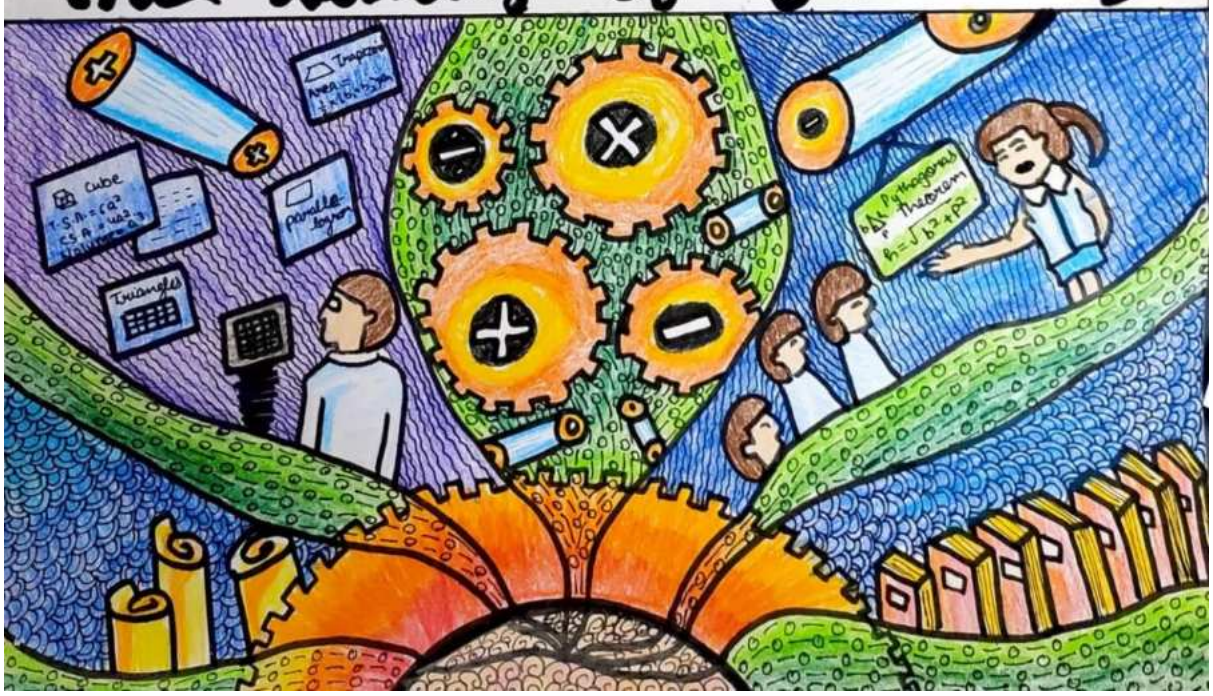
RAMANUJAN CLUB
GEOMETRY
PARABOLIC DISH SYSTEM
THE FIBONACCI SEQUENCE

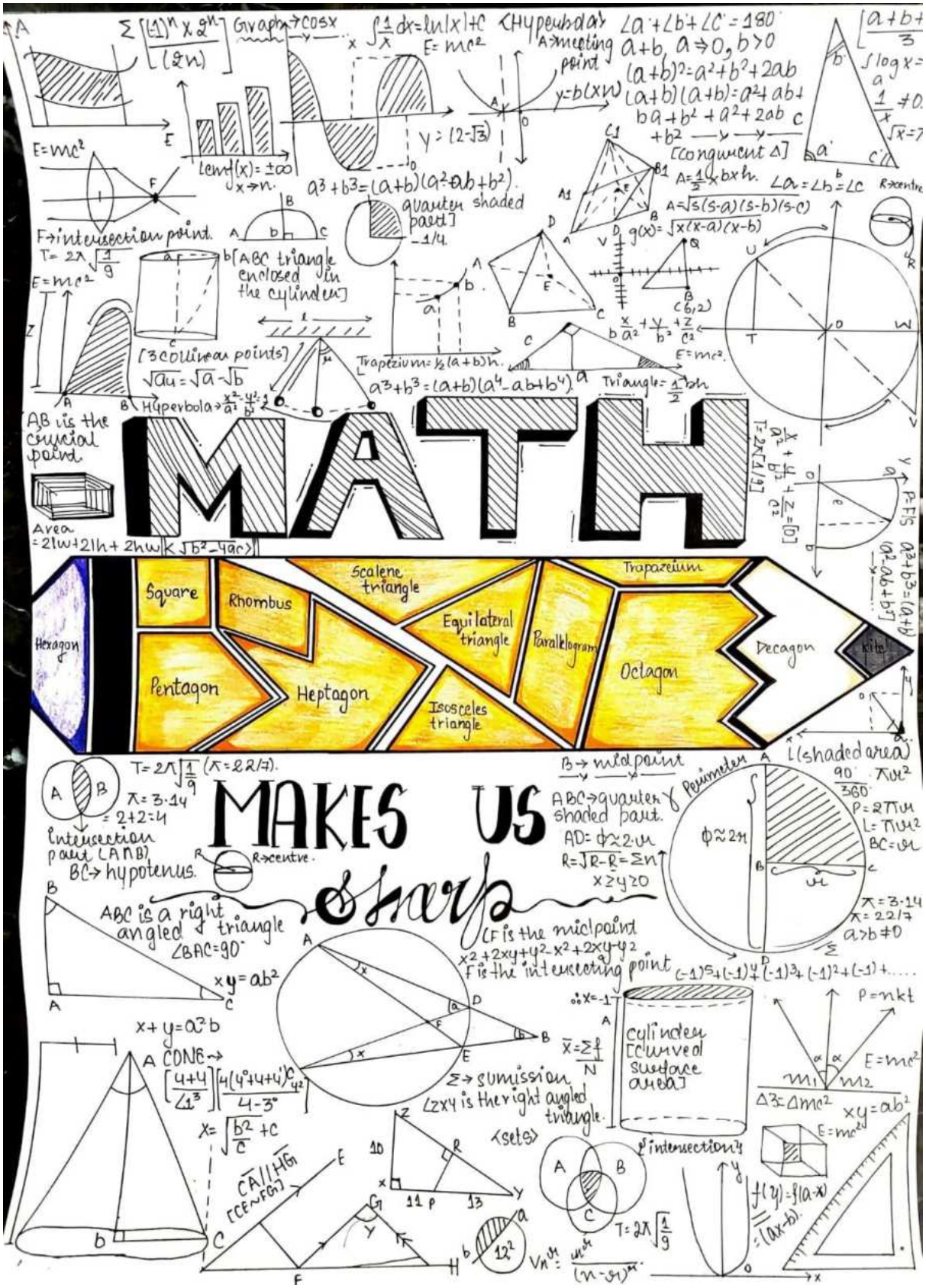
GEOMETRY
PARABOLIC DISH SYSTEM
SYMMETRY IN NATURE

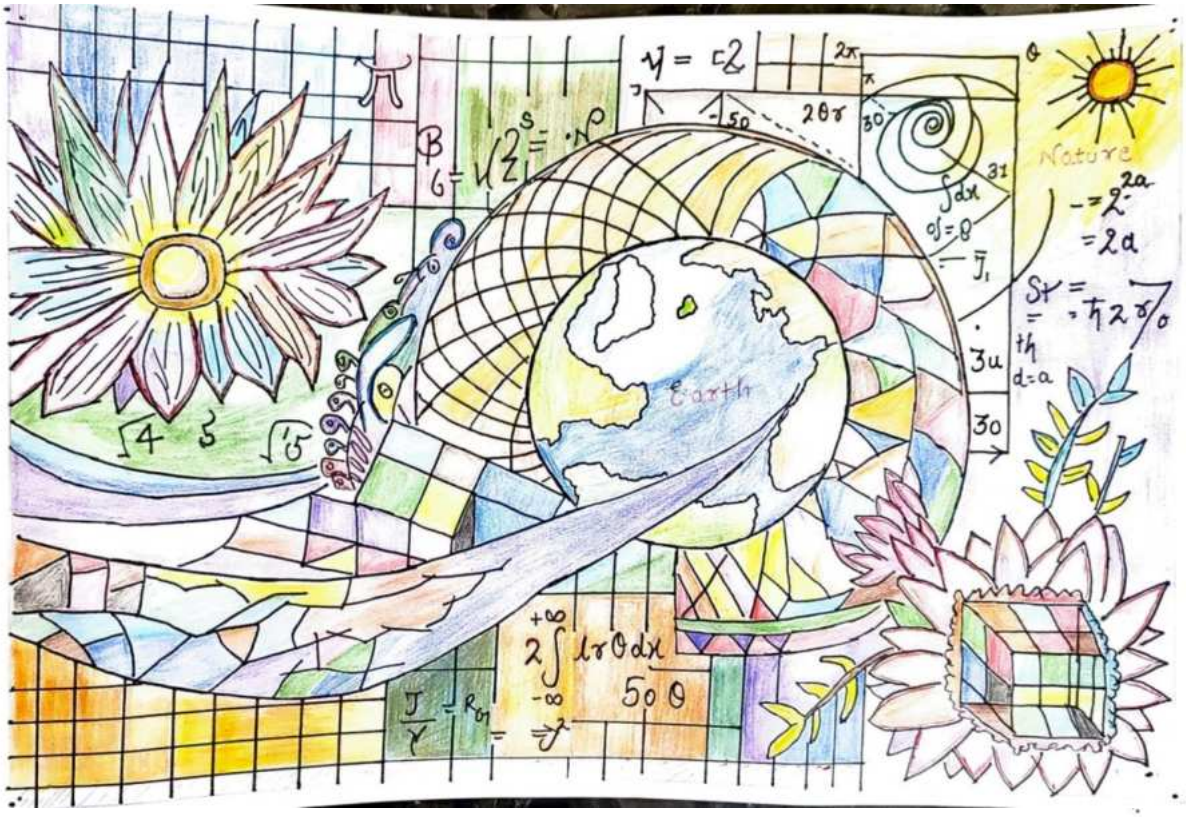
CU
nirf

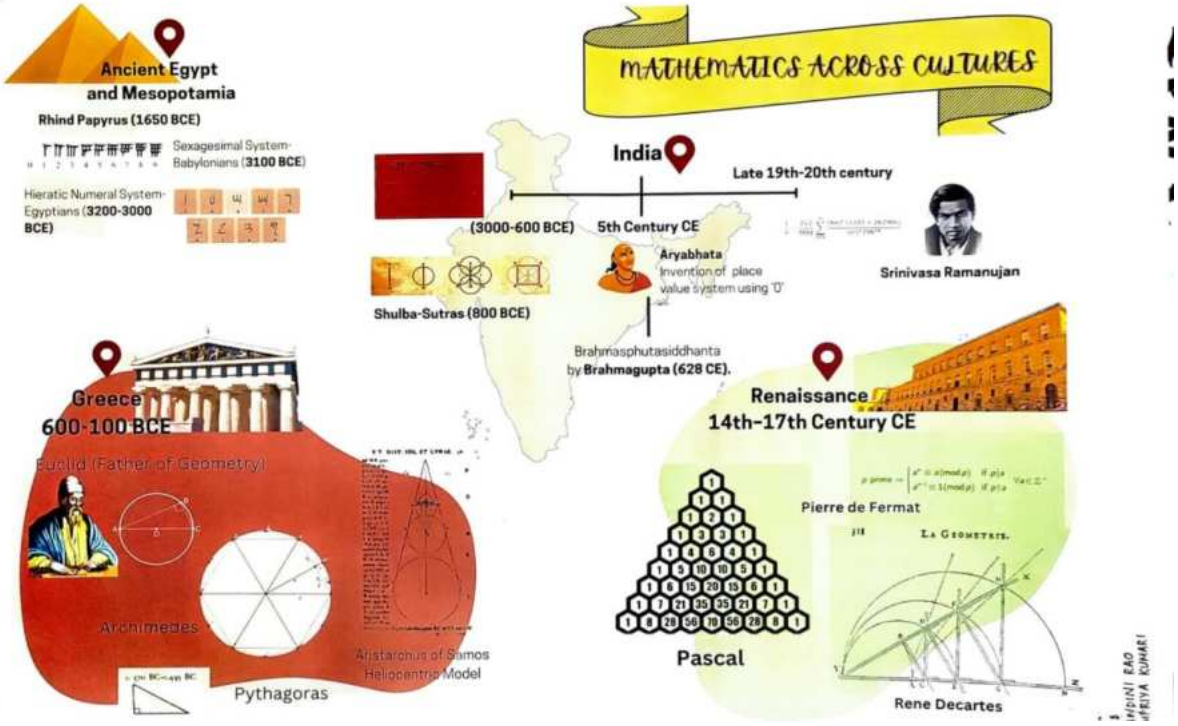
Made by:- Sharanpreet Kaur
& Surbhi Sharma

the beauty of geometry




MATH
MAKES US
Square
Rhombus
Scalene triangle
Trapezium
Hexagon
Equilateral triangle
Parallelogram
Pentagon
Heptagon
Octagon
Decagon
Isosceles triangle
Kite
Graph → cosx
E = mc²
(Hyperbola)
∠a + ∠b + ∠c = 180°
a+b, a ≠ 0, b > 0
(a+b)² = a² + b² + 2ab
(a+b)(a+b) = a² + ab + ba + b² + a² + 2ab + b²
[congruent Δ]
a³ + b³ = (a+b)(a²−ab+b²)
quarter shaded part] 1/4
F → intersection point.
[ABC triangle enclosed in the cylinder]
[3 collinear points]
Trapezium = ½(a+b)h
Triangle = ½bh
Hyperbola → x²/a² − y²/b² = 1
AB is the crucial point
Area = 2lw + 2lh + 2hw
T = 2π√(1/9)
π = 3.14
= 2+2 = 4
intersection part (A∩B)
BC → hypotenus.
R → centre.
ABC is a right angled triangle
∠BAC = 90°
x y = ab²
x + y = a²b
CONE →
x = √(b²/c) + c
CA // HG
[CE ∥ FG]
B → mid point
ABC → quarter shaded part.
AD = ϕ ≈ 2.u
R = √(R − R) = Σn
x ≥ y ≥ 0
Perimeter
l (shaded area)
P = 2πu
L = πu²
BC = u
π = 3.14
π = 22/7
a > b ≠ 0
F is the midpoint
x² + 2xy + y² − x² + 2xy − y²
F is the intersecting point
(−1)⁵ + (−1)⁴ + (−1)³ + (−1)² + (−1) + ...
∴ x = −1
cylinder [curved surface area]
x̄ = Σf / N
Σ → sumission
∠ZXY is the right angled triangle.
(sets)
intersection
P = mkt
E = mc²
m₁ m₂
Δ3 = Δmc²
xy = ab²
T = 2π√(1/9)
f(y) = f(a−x) = (a−x−b)
Vn^u = u^u / (n−u)^u


Nature
Earth


MATHEMATICS ACROSS CULTURES
Ancient Egypt and Mesopotamia
Rhind Papyrus (1650 BCE)
Sexagesimal System- Babylonians (3100 BCE)
Hieratic Numeral System- Egyptians (3200-3000 BCE)
India
Late 19th-20th century
(3000-600 BCE)
5th Century CE
Aryabhata
Invention of place value system using '0'
Srinivasa Ramanujan
Shulba-Sutras (800 BCE)
Brahmasphutasiddhanta by Brahmagupta (628 CE).
Greece
600-100 BCE
Euclid (Father of Geometry)
Archimedes
Aristarchus of Samos Heliocentric Model
Pythagoras
Renaissance
14th-17th Century CE
Pierre de Fermat
Pascal
Rene Decartes
NIDHI RAO
ARIYA KUMARI

Mathemagicians🌟(Ramanujan Club CU)
CU, CU, CU, CU, CU Chirag Stu, CU Dr. Tina Sharma Event, CU Jatin Stu, CU Jtinder Mam, C

CU Nikunj Stu-Ramanujan added CU Dr. Tina

+91 84334 91062 left

Yesterday

CU Arushi Stu
Forwarded

Feedback Form
Please take some of your time to review today's (23-09-2024) event. This feedback form is crucial for us to make any required changes in the conduct of...
docs.google.com

https://docs.google.com/forms/d/e/1FAIpQLSffB2qJMp3RkNaYkE9vSLt0RNOh2XwEeJB_hEekU2NW5b2z6g/viewform?usp=sf_link

11:29

Guys, kindly fill this feedback form for Mathematical Aesthetics: Poster Making Competition.

11:30

Chandigarh University
Ramanujan Club
Attendance Sheet

Event Date and Time: 23.09.24 & 02:00 - 04:00

Event Venue: DD1, Seminar hall

Event Name: Mathematical Aesthetic

S.No.	UID	Name	Department	Email	Phone No.	Signature	Membership
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	23BCS13043	Micheal	BE-CSE	[illegible]@gmail.com	7645803479	[illegible]	✓
	22BNM20088	Vikram	BSC. CSM	[illegible]@gmail.com	8164940899	[illegible]	✓
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	22BNM20083	NIKunj	"	22BNM20083@cuchd.in	8653249841	NIKunj	✓
	24MSM10018	Swati Tomar	"	24MSM10018@cuchd.in	8697321518	[illegible]	✓
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	22BNM20012	SANJANA	"	sanjanamayak110@gmail.com	9149684891	[illegible]	✓