



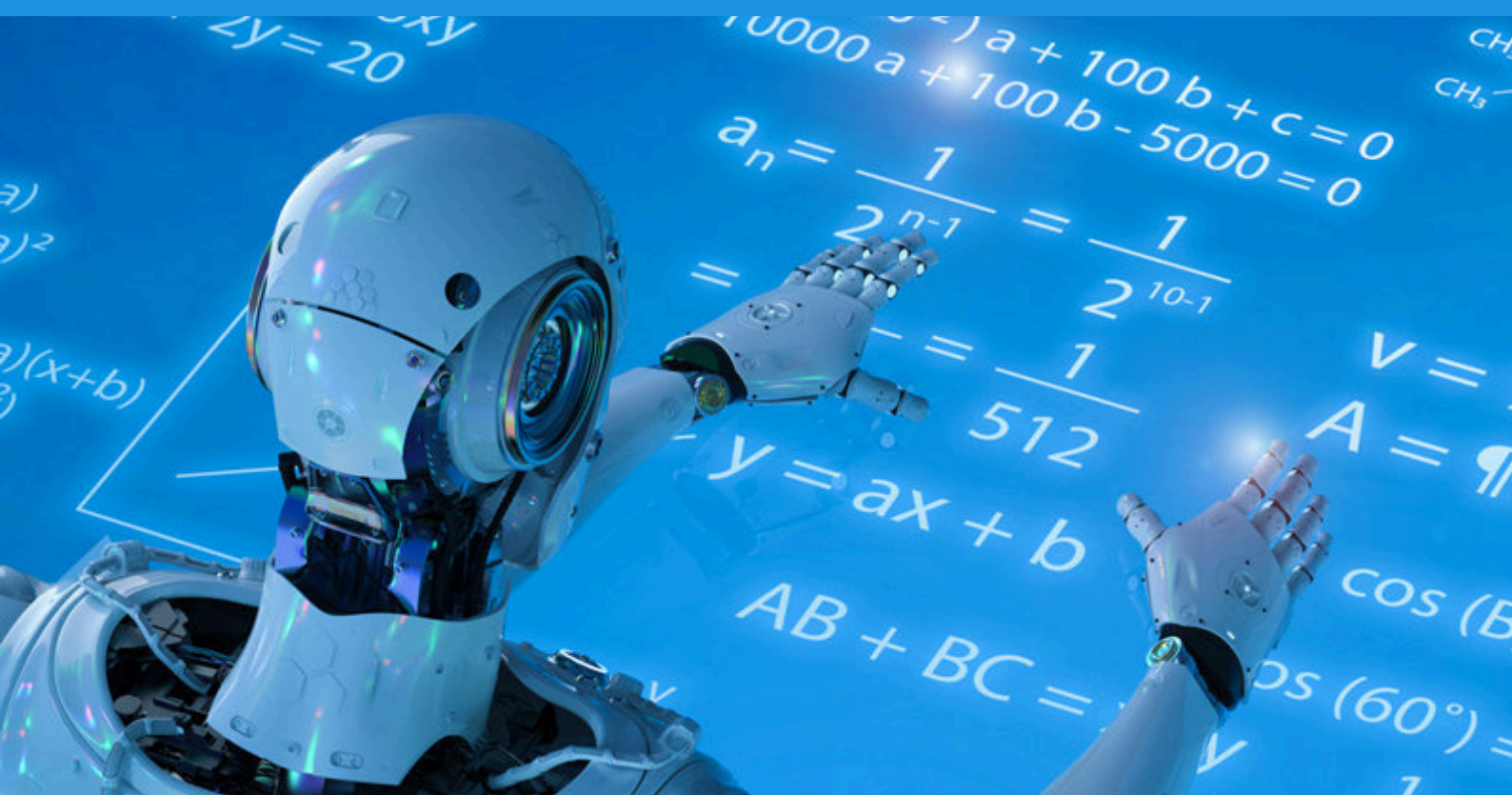
DEPARTMENT OF MATHEMATICS

MATHEMATICS CLUB ACTIVITY REPORT

(Academic Year: 2022 to 2023)



Submitted by
Mrs S P Lavanya
Mrs M Sugasini
Faculty Coordinator




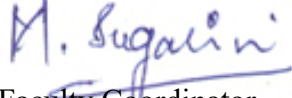
Preface

The Mathematics Club of the Department of Mathematics, Sri Manakula Vinayagar Engineering College, serves as an enriching platform to promote analytical thinking, logical reasoning, and mathematical creativity among students. The club is established with the objective of strengthening the connection between theoretical concepts and real-world applications across various domains of mathematics and allied engineering disciplines.

The club actively encourages students to explore mathematical ideas through problem-solving sessions, workshops, seminars, quizzes, model-based learning, guest lectures, and interdisciplinary activities. These initiatives aim to enhance critical thinking, reasoning ability, and quantitative skills essential for academic excellence and professional success.

The effective functioning of the club is supported by a dedicated team of office bearers, including the President, Vice President, Treasurer, and Technical Coordinator, who work collaboratively with enthusiastic members to plan, organize, and implement academic and co-curricular activities. Their leadership ensures the smooth execution of the club's objectives and programs.

Through continuous learning, innovation, and application-oriented activities, the Mathematics Club strives to develop mathematically proficient, logically sound, and professionally competent graduates. The club remains committed to contributing to the overall academic growth and intellectual development of the institution.

Faculty Coordinator

Mrs S P Lavanya

Mrs M Sugasini



HoD/Maths

Dr. T. Gayathri



IQAC Coordinator

Dr. Arivalagar A A



Director Cum Principal

Dr. V.S.K. Venkatachalapathy

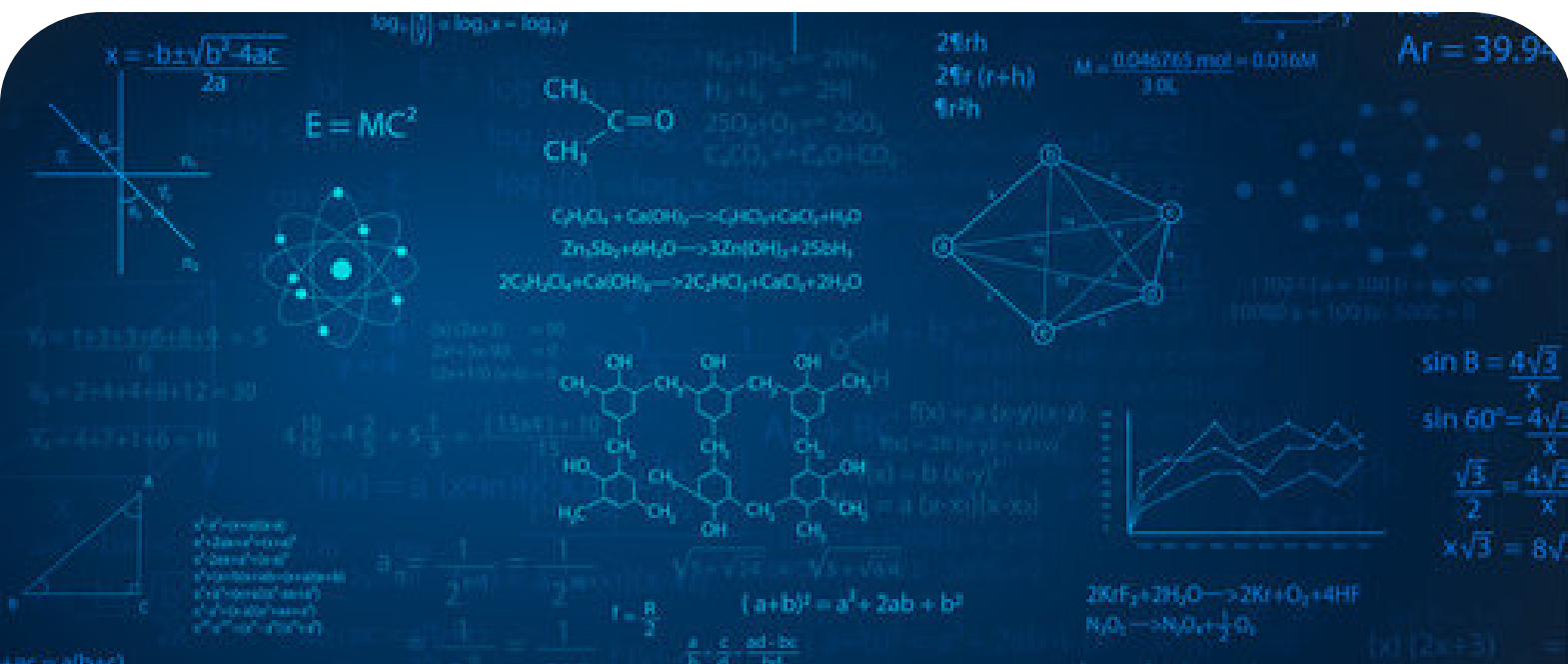
TABLE OF CONTENTS

01 About Institution

02 About Club

03 Activity Details

04 Future plan of Action



ABOUT THE INSTITUTE

Sri Manakula Vinayaga Educational Trust was founded to provide quality and affordable education to the weaker sections of society. The trust established Sri Manakula Vinayagar Engineering College (SMVEC) in 1999. SMVEC is an autonomous institution affiliated to Pondicherry University. It offers 13 undergraduate, 8 postgraduate and 11 Research programs in engineering. SMVEC has been accredited by NAAC with “A” grade and NBA. The institution is also accredited by TATA consultancy services. The college has a good placement record with students getting job offers from top companies in India and abroad. SMVEC students have won many awards and accolades for their academic achievements. To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

Vision

To nurture the cornerstone of excellence in engineering education and drive innovation by seamlessly integrating the fundamentals of Science and Humanities

Mission

M1: Quality Education : To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.

M2: Research and Innovation : To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

M3: Employability and Entrepreneurship : To inculcate the employability and entrepreneurial skills through value and skill based training.

M4: Ethical Values : To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.



ABOUT MATHEMATICS CLUB

The Mathematics Club serves as a vibrant platform for students to explore and appreciate the beauty and importance of mathematics beyond the regular curriculum. It encourages logical reasoning, analytical thinking, and problem-solving skills through a variety of academic and co-curricular activities. By engaging students in quizzes, puzzles, discussions, and interactive sessions, the club helps to develop a positive attitude towards mathematics and enhances conceptual understanding.

The club also aims to create awareness of the applications of mathematics in science, engineering, technology, and everyday life. It provides opportunities for collaborative learning, peer interaction, and talent development, thereby fostering creativity and confidence among students. Through its activities, the Mathematics Club nurtures curiosity, critical thinking, and a strong foundation in mathematical knowledge.

Objectives of Mathematics Club

The primary goal of Mathematics club are as follows:

- To develop students' problem-solving, logical reasoning, analytical thinking, and data interpretation skills through interactive activities.
- To encourage mathematical exploration and problem-based learning by providing a platform to solve, present, and discuss ideas.
- To promote collaboration among students across different branches of mathematics and related disciplines.
- To guide and support members in pursuing higher studies, competitive exams, research, and mathematics-related careers.
- To nurture leadership qualities through organizing events, competitions, and workshops.
- To promote ethical and responsible use of mathematics in science, technology, and decision-making.

OFFICE BEARERS

The Mathematics Club is led by a dedicated team of office bearers who play a vital role in guiding the club's activities and fostering a culture of analytical thinking and intellectual curiosity. The team typically includes a President, Vice President, Secretary, Treasurer, and Academic/Activity Coordinators, each contributing unique skills and responsibilities. These office bearers organize seminars, problem-solving sessions, quizzes, workshops, and mathematical competitions, while also managing resources and mentoring junior members. Their leadership ensures the smooth functioning of the club and encourages creativity, collaboration, and deeper exploration of mathematical concepts. Through their collective efforts, the club serves as a center of academic excellence and a platform for nurturing future mathematicians and researchers..

Committee Members

Chair Person : Dr.T.Gayathri

Coordinator : Mrs.S.P. Lavanya,Mrs.M.Sugasini

Event Management Team : Dr.K.Kanimozhi, Mr,R.Vijayakumar, Mr.T.Sankar,

Mrs.T. Kalaiselvi, Mr.V.Vasanth, Mr.K Gurusamy

Student Members : Sakthi Priya I year ECE

Santhosh I year CSE

Pavan I year IT

Abdul Halith I year Mechanical

LIST OF EVENTS

S.No	Title of the Events
1	MATH QUIZ
2	MATH PUZZLES
3	Mathematical Fiesta – A Multi-Round Event

MATH QUIZ

The Mathematics Club conducts engaging activities such as Numbers Game, Connection Game to identify mathematical terms through images, Identify the Mathematician, and various mathematical puzzles to enhance logical reasoning and problem-solving skills.

Total Number of Participants : 52

Year of students: I

Venue : University Block, 5th Floor

Date : 11/02/2023

Event Coordinator: Mrs S P Lavanya and Mrs M Sugasini

Objectives

- To enhance logical reasoning, analytical thinking, and problem-solving skills.
- To encourage interest and curiosity in various branches of mathematics.
- To provide a platform for mathematical discussions, quizzes, and competitions.
- To promote collaborative and interdisciplinary learning.
- To guide students toward higher studies, research, and competitive examinations.

Outcomes

- Students develop strong analytical and critical thinking abilities.
- Improved confidence in solving mathematical and real-world problems.
- Enhanced teamwork and communication skills through collaborative activities.
- Better preparedness for competitive exams and academic pursuits.
- Increased awareness of ethical and practical applications of mathematics.

CIRCULAR

**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE***(An Autonomous Institution)**(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, Accredited by NAAC with 'A' Grade)
Madagadipet, Puducherry - 605 107***DEPARTMENT OF MATHEMATICS
SMVEC Math Club**

SMVEC/MAT/2022-2023/01

CIRCULAR

Date: 05.02.2023

The Department of Mathematics is pleased to inform that the SMVEC Math Club is organizing a Mathematics Activity Event as per the details below:

Venue: University Block, 5th Floor (IT Department – Seminar Hall)

Date: 11.02.2023

Time: 2.45 P.M. to 4.20 P.M.

The event will consist of the following rounds:

- **Round I:** Numbers Game
- **Round II:** Connection Game
- **Round III:** Identify the Mathematician
- **Round IV:** Puzzles

All students are cordially invited to participate and make the event a grand success.

Faculty Coordinator
SMVEC Math Club

HOD Mathematics

POSTER

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Madagadipet, Puducherry - 605 107

**DEPARTMENT OF MATHEMATICS****MATH CLUB**

Organise



”

MATH QUIZ**DATE : 11 FEBRUARY, 2023****TIME : 2.45 PM TO 4.20 PM****VENUE : NEW BLOCK, V FLOOR**

PHOTO GALLERY



| Details of Students Team Members

S.No	Team A	Team B	Team C	Team D
1	V.Vasundradevi	K.Sakthipriya	A.AbdulHalith	S.Nithishvaran
2	T.SriDharshini	K.Manisha	V.Kandhavel	V.Srikanth
3	M.Monika	N.Nagajeevitha	Dinesh Saravanan	R.Hemapriya
4	R.Kavitha	D.Santhosh	A.Anitha	M.Ramyasri
5	Chandrasekaran	R.Jagannath	K.Pavan	G.M.Keerthana
6	Abilash.G.S	S.Leethica	G.Nishanth	R.Ashwini
7	Kailasanathan.D	P.Harinivasini	P.Sudharsanam	S.Hemachandasa nam
8	M.Sanjai	R.Harish	S.Sennila	W.Herwin
9	S.Poonguzhali	U.Hariprabhu	S.Saathvic	

Results

S.No	Activity	Team A	Team B	Team C	Team D	Winner/Runner
1	Round I (Numbers Game)	30	70	60	40	Team B winner
2	Round II (Connection Game)	10	10	40	10	Team C winner
3	Round III (Identify Mathematician)	0	0	20	20	Team C, D winner
4	Round IV (Puzzles)	0	10	0	0	Team B winner
	Total	40	10	120	70	Overall Winner Team C

Description of the Event

The Mathematics Club organized an interactive and enriching programme on 11.02.2023 at the IT Department Seminar Hall, University Block (5th Floor) from 2.45 P.M. to 4.20 P.M. The event was designed to promote logical thinking, creativity, and interest in mathematics among students. The programme was graced by the Chief Guest, Dr. S. Ramathilagam, Assistant Professor, Department of Mathematics, Periyar Arts College, Cuddalore. In her address, she highlighted the significance of mathematics in analytical thinking, problem-solving, and its wide range of applications in academics and daily life.

As part of the club activities, several engaging events were conducted, including Numbers Game, Connection Game (identifying mathematical terms using a series of images), Identify the Mathematician, and Puzzles. These activities encouraged active student participation and fostered teamwork, reasoning ability, and quick decision-making skills.

The event created an enthusiastic and intellectually stimulating atmosphere, motivating students to explore mathematics beyond the classroom. Overall, the programme was successful in achieving its objective of making mathematics learning enjoyable and interactive.

MATH PUZZLES

The Mathematics Club conducts engaging mathematical puzzle activities designed to strengthen logical reasoning, critical thinking, analytical skills, and creative problem-solving abilities among students.

Total Number of Participants : 54

Year of students: I

Date: 13/05/23

Venue : University Block, 5th Floor

Event Coordinator: Mrs S P Lavanya and Mrs M Sugasini

Objective

- To enhance students' logical reasoning and analytical thinking through structured puzzle-solving activities.
- To encourage creative and strategic approaches to problem-solving.
- To promote active participation and collaborative learning among students.
- To develop concentration, patience, and mathematical curiosity.

Outcome

- Students demonstrate improved problem-solving and critical thinking skills.
- Increased confidence in tackling complex mathematical challenges.
- Enhanced teamwork and communication through group-based puzzles.
- Greater interest and engagement in mathematical learning activities.

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**DEPARTMENT OF MATHEMATICS
SMVEC Math Club**

SMVEC/MAT/2022-2023/03

CIRCULAR

Date: 07.05.2023

The Department of Mathematics is pleased to announce that the SMVEC Math Club is organizing a Mathematics Activity Program with the following details:

Venue: University Block, 5th Floor (IT Department – Seminar Hall)

Date: 13.05.2023

Time: 2.45 P.M. to 4.20 P.M.

The program will include the following rounds:

- Round I: Aptitude
- Round II: Math Twister
- Round III: Organizing Mathematical Fairs
- Round IV: Math Revolution

All students are encouraged to participate actively and enhance their mathematical skills through this engaging and interactive event.

Faculty Coordinator
SMVEC Math Club

HOD/Mathematics

I POSTER

**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

(An Autonomous Institution)

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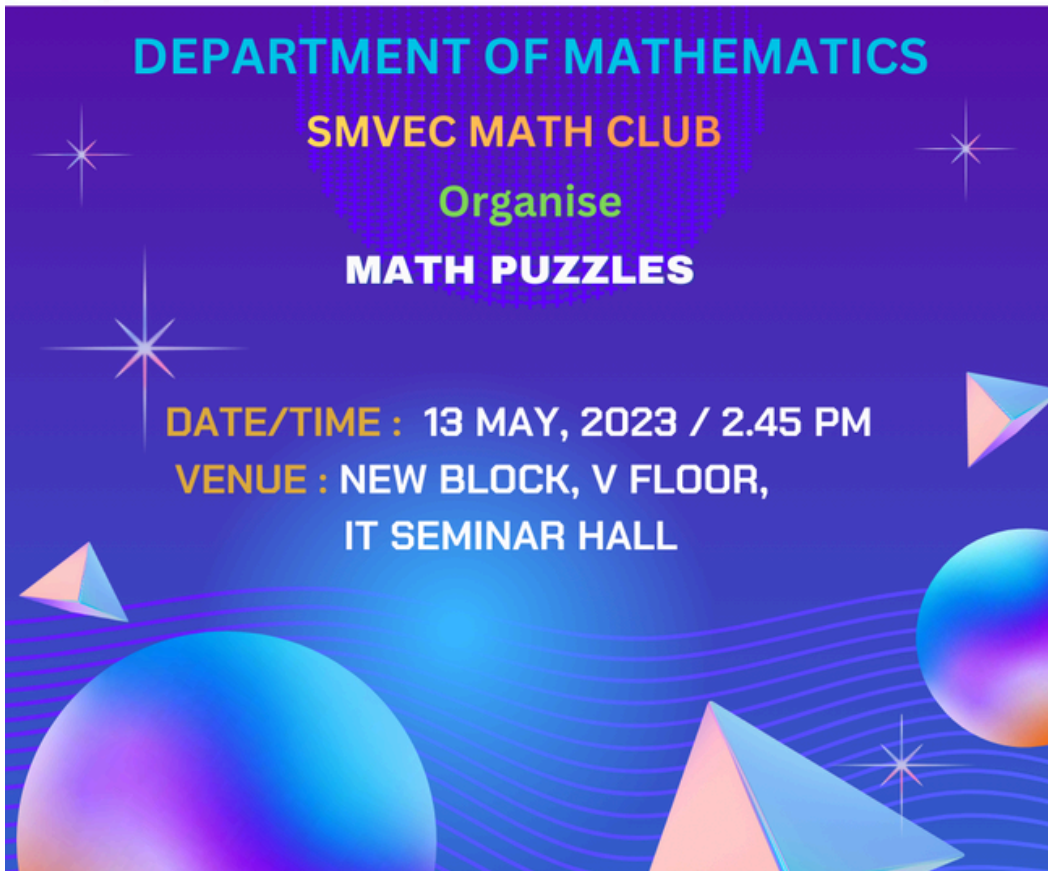
**DEPARTMENT OF MATHEMATICS****SMVEC MATH CLUB****Organise****MATH PUZZLES****DATE/TIME : 13 MAY, 2023 / 2.45 PM****VENUE : NEW BLOCK, V FLOOR,
IT SEMINAR HALL**

PHOTO GALLERY



Details of Students Team Members

S.No	Team A	Team B	Team C	Team D
1	Chandrasekaran	R.Jagannath	K.Pavan	G.M.Keerthana
2	V.Kandhavel	V.Srikanth	T.SriDharshini	K.Manisha
3	Dinesh Saravanan	R.Hemapriya	M.Monika	N.Nagajeevitha
4	A.Anitha	M.Ramyasri	R.Kavitha	D.Santhosh
5	V.Vasundradevi	K.Sakthipriya	A.AbdulHalith	S.Nithishvaran
6	S.Leethica	G.Nishanth	Abilash.G.S	R.Ashwini
7	P.Harinivasini	P.Sudharsanam	Kailasanathan.D	S.Hemachandasanam
8	R.Harish	S.Sennila	M.Sanjai	W.Herwin
9	U.Hariprabhu	S.Saathvic	S.Poonguzhali	T.Kugan

Results

S.No	Activity	Team A	Team B	Team C	Team D	Winner/Runner
1	Round I (Aptitude)	10	40	40	30	Team B & C winner
2	Round II (Math Twister)	20	30	30	40	Team D winner
3	Round III (Organizing Mathematical Fairs)	20	0	10	40	Team D winner
4	Round IV (Math Revolution)	30	10	20	30	Team A winner
	Total	80	80	100	140	Overall Winner Team D

Description of the Event

The Mathematics Club organized an engaging and intellectually stimulating event on 13.05.2023 at the IT Department Seminar Hall, University Block (5th Floor) from 2.45 P.M. to 4.20 P.M. The event aimed to strengthen students' mathematical aptitude, logical reasoning, and creative thinking.

The program was graced by the Chief Guest, Dr. R. Vijayaragunathan, Assistant Professor, Department of Mathematics, Indira Gandhi Arts & Science College, Puducherry. In his address, he emphasized the importance of mathematical thinking in problem-solving, innovation, and real-life applications.

Various interactive activities were conducted as part of the Mathematics Club, including Aptitude tests, Math Twister, Organizing Mathematical Fairs, and Math Revolution. These activities encouraged active participation and teamwork among students while enhancing their analytical and decision-making skills. The sessions were lively and thought-provoking, fostering enthusiasm and curiosity towards mathematics.

Overall, the event was highly successful and provided a platform for students to explore mathematics beyond textbooks in a fun, competitive, and engaging manner.

Mathematical Fiesta – A Multi-Round Event

The Mathematics Club organizes Mathematical Fiesta – A Multi-Round Event, featuring activities such as Math Facts Race, seminars on career opportunities in Mathematics, discussions on real-world applications of Mathematics, and challenging riddles, all designed to strengthen logical reasoning, critical thinking, analytical skills, and creative problem-solving abilities among students.

Total Number of Participants : 58

Year of students: I

Date: 10/06/23

Venue : University Block, 5th Floor

Mode of Activity: Offline

Objective of the Activity

- To enhance students' mathematical knowledge through competitive and interactive rounds.
- To develop logical reasoning, analytical thinking, and problem-solving skills.
- To create awareness about career opportunities and higher studies in Mathematics.
- To highlight the real-world applications of Mathematics across various fields.
- To encourage active participation, teamwork, and healthy competition.

Outcomes of the Activity

- Students demonstrate improved speed and accuracy in solving mathematical problems.
- Increased awareness of career paths and academic opportunities in Mathematics.
- Better understanding of practical applications of mathematical concepts.
- Enhanced confidence, communication, and collaborative skills among participants.
- Greater enthusiasm and interest in mathematical learning and activities.

CIRCULAR

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Madagadipet, Puducherry - 605 107**DEPARTMENT OF MATHEMATICS
SMVEC Math Club**

SMVEC/MAT/2022-2023/04

CIRCULAR

Date: 03.06.2023

The Department of Mathematics is pleased to inform that the SMVEC Math Club is organizing a Mathematics Activity Program with the following details:

Venue: University Block, 5th Floor (IT Department – Seminar Hall)

Date: 10.06.2023

Time: 2.45 P.M. to 4.20 P.M.

The event will be conducted in four engaging rounds:

- Round I: Math Facts Race
- Round II: Organizing Seminars and Career Course in Mathematics
- Round III: Discussion on Applications of Mathematics
- Round IV: Riddles

All students are cordially invited to participate and make the event a grand success.

Faculty Coordinator
SMVEC Math Club

HOD Mathematics

POSTER

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Madagadipet, Puducherry - 605 107

**DEPARTMENT OF MATHEMATICS****MATH CLUB****Organise****MATHEMATICAL FIESTA –
A MULTI-ROUND EVENT****DATE : 10 JUNE, 2023****TIME : 2.45 PM TO 4.20 PM****VENUE : NEW BLOCK, V FLOOR,
IT SEMINAR HALL**

PHOTO GALLERY



Details of Students Team Members

S.No	Team A	Team B	Team C	Team D
1	G.M.Keerthana	R.Jagannath	K.Sakthipriya	S.Nithishvaran
2	R.Ashwini	S.Leethica	K.Manisha	V.Srikanth
3	S.Hemachandasa nam	P.Harinivasini	N.Nagajeevitha	R.Hemapriya
4	W.Herwin	R.Harish	D.Santhosh	M.Ramyasri
5	K.Pavan	U.Hariprabhu	Chandrasekaran	V.Vasundradevi
6	G.Nishanth	A.AbdulHalith	Abilash.G.S	T.SriDharshini
7	P.Sudharsanam	V.Kandhavel	Kailasanathan.D	M.Monika
8	S.Sennila	Dinesh Saravanan	M.Sanjai	R.Kavitha
9	S.Saathvic	A.Anitha	S.Poonguzhali	S.Shivram@Vigne sh

Results

S.No	Activity	Team A	Team B	Team C	Team D	Winner/Runner
1	Round I (Math Facts Race)	40	70	60	30	Team B winner
2	Round II (Organizing seminars and career course to Mathematics)	20	10	20	30	Team D winner
3	Round III (Discussion of Application of Mathematics)	30	10	10	0	Team A winner
4	Round IV (Riddles)	20	10	0	10	Team A winner
	Total	110	100	90	70	Overall Winner Team A

Description of the Event

The Mathematics Club organized an informative and engaging programme on 13.05.2023 at the IT Department Seminar Hall, University Block (5th Floor) from 2.45 P.M. to 4.20 P.M. The event aimed to strengthen students' aptitude, logical reasoning, and creative mathematical thinking.

The programme was graced by the Chief Guest, Dr. R. Vijayaragunathan, Assistant Professor, Department of Mathematics, Indira Gandhi Arts & Science College, Puducherry. In his address, he emphasized the role of mathematics in developing analytical skills, innovation, and real-world problem-solving abilities.

As part of the club activities, various interactive sessions were conducted, including Aptitude, Math Twister, Organizing Mathematical Fairs, and Math Revolution. These activities encouraged active student participation, teamwork, and critical thinking while making the learning process enjoyable and practical.

The event was well received by the students and successfully created an enthusiastic and intellectually stimulating environment. Overall, the programme achieved its objective of promoting interest and confidence in mathematics beyond the classroom.

| FUTURE PLAN OF ACTION

- To organize advanced workshops, guest lectures, and national-level competitions to enhance academic exposure.
- To introduce research-oriented activities, mini projects, and problem-solving hackathons.
- To collaborate with other departments for interdisciplinary mathematical applications
- To establish a Mathematics Forum or Newsletter to publish student articles, puzzles, and research ideas.
- To prepare students systematically for competitive exams such as NET, GATE, CSIR-NET, and other higher studies opportunities.

