

DEPARTMENT OF MATHEMATICS

ANNUAL REPORT – 2024 -2025

The Mathematics Association, *MATHEMATICA*, was officially inaugurated on **13th August 2024**. The inauguration ceremony was graced by **Dr. T.N. Kavitha**, Assistant Professor, Department of Mathematics, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya Deemed University, Enathur, Kanchipuram, as the **Chief Guest**.

Dr. T.N. Kavitha delivered an insightful talk on "**Recent Trends in Mathematics**", providing valuable knowledge on emerging research areas and applications of mathematics. The session was interactive, engaging, and served as a confidence-building exercise for students. Both faculty and students thoroughly enjoyed the enriching experience.

As part of our association's activities, we have conducted various programs throughout the academic year to enhance students' mathematical understanding and problem-solving skills. To conclude the year on a high note, we are organizing a **Valedictory Function** in the form of an exhibition titled "**Puzzle Bazaar**." This event aims to provide students with a platform to explore mathematical puzzles, enhance their logical reasoning and engage in interactive learning.

The association remains committed to fostering a deep appreciation for mathematics among students and providing opportunities for academic and intellectual growth. We look forward to continuing our journey with more enriching activities in the coming years.

Association Events

As part of our inaugural event, we also conducted a **Quiz Competition** and a **Paper Presentation** contest to encourage student participation and academic engagement. The competitions saw enthusiastic participation from students across various years, showcasing their mathematical prowess and presentation skills.

S.No	Name of the student	Class	Event	Prize
1.	Sakthi	I MATHS	Quiz Competition	I prize
2.	Priyadharshini U	III MATHS		
3.	Dhashvanthi G	I MATHS		
4.	Archana	II MATHS		
5.	Pradeesha	II MATHS	Quiz Competition	II prize
6.	Sangamithra	I MATHS		
7.	Priyadharshni J	III MATHS		
8.	Nithya	II MATHS		
9.	Janaranjani	III MATHS	Quiz Competition	III prize
10.	Charulatha R	I MATHS		
11.	Lavanya	III MATHS		

12.	Ameena Naziya Banu	II MATHS		
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Paper Presentation by students

S.No	Name of the student	Class	Name of the paper
1	Charulatha R	I B.Sc., M	Polynomials & factorization
2.	Reshasri V	I B.Sc., M	History of Zero
3	Ameena Naziya Banu	II B.Sc., M	Fractional Calculus
4	V Rajalakshmi bai	II B.Sc., M	Trigonometry
5	S Subashree	III B.Sc., M	Application of Sequence & series
6	Rajeswari M	III B.Sc., M	
7	Priyadharshini U	III B.Sc., M	An Unsung Hero of Mathematics
8	S. Thilagavathy	III B.Sc., M	
9	S Janaranjani	III B.Sc., M	Application of Music & Arts in Maths

Academics

Results :

We have produced good results in the Major as well as in the Allied subjects.

BATCH	YEAR	PASS %
2024 -2025	I B.Sc., Maths	87.5%
2023-2024	II B.Sc., Maths	93.3%
2022-2023	III B.Sc., Maths	83.7%
OVER ALL %		87.5%

Following the revaluation process, the results of our department have been updated. The revised outcomes are as follows:

BATCH	YEAR	PASS %
2024 -2025	I B.Sc., Maths	87.5%
2023-2024	II B.Sc., Maths	97.8%
2022-2023	III B.Sc., Maths	87.9%
OVER ALL %		91.3%

Proficiency List

The following is the list of students who have got proficiency:

No	Name of the student	Classes	Proficiency	Prize
1.	V.Reshasri	I	First	90.5%
2.	B.Sakthi	I	Second	88.75%
3.	R.Archana	II	First	90%
4.	V.Rajalakshmi Bai	II	Second	88%
5.	S.Thilagavathy	III	First	90.5%
6.	U.Priyadharshini	III	Second	88.75%

Centum Scorers

S.No	Name of the student	Class	Subject
1.	R.Archana	II MATHS	Analytical Geometry
2.	B.Hema Preetha	II MATHS	Vector Calculus and its application
3.	V.Rajalakshmi Bai	II MATHS	Vector Calculus and its application
4.	S.Abirami	III MATHS	Real Analysis -I
5.	R.Darani Devi	III MATHS	Real Analysis -I
6.	S.Abirami	III MATHS	Discrete Mathematics
7.	R.Daranidevi	III MATHS	Discrete Mathematics
8.	M.Rajeswari	III MATHS	Discrete Mathematics
9.	R.Daranidevi	III MATHS	Transform Techniques
10.	S.Lavanya	IIIMATHS	Transform Techniques

Orientation Programme:

We started this academic year in the month of June for II and III year students and July for I year students. We have conducted a one day Orientation programme for the students on 19th of June and 6th of July, under the guide lines of UGC. As part of the UGC programme the following competitions were conducted.

1. Write a Letter to Yourself.
2. Mathematics puzzles.
3. Create a Bucket List.
4. Talent Show for Students.
5. Ice breaking session.
6. Swat analysis.

All students are actively participated in the programme.

Book Exhibition-Kanchipuram

Our Tamil Nadu Government arranged a Book Fair in Kanchipuram from 1st of February 2025 to 10th of February 2025. Each college was given a particular day to perform on different topics. Our college performed on 02nd of February on the title “Our Kanchipuram, Our Pride.”

Our students presented different programmes in the District Collector's Office. From the Mathematics department two students P.Praglaya and P.T.Abinaya performed a classical dance.

College Tour

Our college arranged a one day tour on 16th of February 2025 to MGM Theme Park for the third year students. Out of 38, 30 students of III B.Sc., Math's and one faculty of Mathematics department were went on the tour. The tour was very enjoyable and refreshing for the students as well as the faculty members.

Celebrating World Pie day

The Pie Mathematics Association conducted a programme titled " World Pi Day" to establish the important of value of pi. Dr.T.N.Shanmugam, Professor of Mathematics (Retd.) Anna University, Chennai, delivered an insightful talk. Overall ten students participated in this programme.

Women's Day Celebration

This year cultural events were organized on 8th of March which marks the International Women's Day . A lot of programme was conducted. Our department students participated in a few competitions and won prizes.

Cultural Winners

S.No	Name of the student	Class	Event	Prize
1.	S.Pooja	II M	Sudoko	I Prize
2.	M.Kalaivani	II M	Rubic's Cube	II Prize
3.	L.Vasumathi	II M	Rangoli	III Prize
4.	V.Kanimozhi	II M	Rangoli	III Prize
5.	D.Bhuvaneshwari	II M	Rangoli	III Prize
6.	E.Kowsalya	II M	Rangoli	III Prize
7.	R Archana	II M	Epic Quiz	Consolation Prize
8.	T Pradeepa	II M	Epic Quiz	Consolation Prize
9.	S.Pooja	II M	Jumbled Letters	II Prize
10.	S.Janaranjani	III M	Jumbled Words	III Prize
11.	S.Janaranjani	III M	Poetry Reading (English)	III Prize
12.	S.Thilagavathy	III M	Debate (Tamil)	II Prize
13.	K. Vishali	III M	Debate (Tamil)	II Prize

Inter college Sports List:

S.No	Name of the student	Class	Event	Prize
1	L.Prabhanjana sri	I .B.Sc.,M	CM Trophy district Match	I Place
2	S Soundarya	III B.Sc., M	100 Meters Huddles(CM Trophy)	III Prize
3	A Bhuvaneswari	III B.Sc., M	Hockey (CM Trophy)	I Prize

Intra college Sports List:

S.No	Name of the student	Class	Event	Prize
1	L.Prabhanjana sri	I .B.Sc., M	Collecting Ten coins	Winner
2	L.Prabhanjana sri	I .B.Sc., M	Tunnel Ball	Runner
3	L.Prabhanjana sri	I .B.Sc., M	Zig Zag Relay	Runner
4	Kowsalya E	II B.sc ., M	Chess	I Prize
5	Kanimozhi V	II B.sc ., M	Chess	II Prize
6	Rajalakshmi bai V	II B.sc ., M	Chess	III Prize
7	Harini B	II B.sc ., M	Dodge ball	Winner
8	Rajalakshmi bai V	II B.sc ., M	Dodge ball	Runner
9	Ameena Naziya Banu S	II B.Sc., M	Shuttle(Singles)	III Prize
10	Ameena Naziya Banu S	II B.Sc., M	Shuttle(Doubles)	II Prize
11	Harini B			
12	S Nithya	III B.Sc., M	Chess	I Prize
13	S Lavanya	III B.Sc., M	Chess	III Prize
14	S Nithya	III B.Sc., M	Dodge ball	Runner
15	P T Abinaya	III B.Sc., M	Dodge ball	Runner
16	A Bhuvaneswari	III B.Sc., M	Tunnel Ball	II Prize
17	A Bhuvaneswari	III B.Sc., M	Dodge ball	I Prize
18	A Bhuvaneswari	III B.Sc., M	Collecting Ten coins	I Prize

NSS Competition:

S.No	Name of the student	Class	Event	Prize
1	Reshasri V	I .B.Sc.,M	Anti Ragging Tamil Speech	I Prize
3	Mohana priya S	I .B.Sc.,M	Anti Ragging Tamil Essay	I Prize
4	B. Sakthi	I .B.Sc.,M	Anti Ragging English Essay	II Prize
5	Charulatha R	I .B.Sc.,M	Anti Ragging English Speech	I Prize

YRC Competition:

S.No	Name of the student	Class	Event	Prize
1	Charulatha R	I .B.Sc.,M	YRC English Speech	II Prize

Inter college Competition:

S.No	Name of the student	Class	Event	Prize
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1	Mohana priya S	I .B.Sc.,M	Arivu Kalanjiyam	III Prize
2	U Priyadharshini	III B.Sc.,M	Debate(Yuvas Samvad India)	I Prize

Inter college Paper Presentation:

S.No	Name of the student	Class	Event	Name of the paper
1	Charulatha R	I B.Sc.,M	Pachaiyappa's college & 75 th year Celebration.	Application of Differential Equation
2	S Janaranjani	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Mathematics in Music and Arts.
3	U Priyadharshini	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Game Theory and Decision Making
4	S Thilagavathy	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Game Theory and Decision Making
5	M Rajeshwari	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Computational Mathematics
6	S. Nithya	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Computational Mathematics
7	S. Lavanya	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Best Presentation Award
8	J Priyadharshini	III B.Sc.,M	Pachaiyappa's college & 75 th year Celebration	Probability and Statistics

EVS Quiz:

S.No	Name of the student	Class	Event	Prize
1	S.J Monisha	II B.Sc.,M	EVS Quiz	II Prize
2	V. Rajalakshmi bai	II B.Sc.,M		

EXTENSION ACTIVITY QUIZ:

S.No	Name of the student	Class	Event	Prize
1	S. Nithya	III B.Sc.,M	Extension Activity Quiz	I Prize
2	R. Darani Devi	III B.Sc.,M		II Prize

PLACEMENT DETAILS:

S.no	Reg. no	Name	Company	Pay	Position
1	222205010	J. PRIYADHARSHINI	FOXCONN	15,000	Quality Assurance inspector
2	222204997	S. JANARANJANI	FOXCONN	15,000	Quality Assurance inspector
3	222205002	S. LAVANYA	FOXCONN	15,000	Quality Assurance inspector
4	222205013	M. RAJESWARI	FOXCONN	15,000	Quality Assurance inspector
5	222204991	R. DARANI DEVI	FOXCONN	15,000	Quality Assurance inspector
6	222205008	P. PRAGALYA	FOXCONN	15,000	Quality Assurance inspector
7	222204985	P.T. ABINAYA	FOXCONN	15,000	Quality Assurance inspector
1	222205016	SOUNDARYA S	BYD	15,000	Quality Assurance inspector

2	222204990	Bhuvaneswari A	BYD	15,000	Quality Assurance inspector
3	222205015	Sangeetha.M	BYD	15,000	Quality Assurance inspector
4	222205020	Tamilarasi N	BYD	15,000	Quality Assurance inspector
5	222204985	ABINAYA.P.T	BYD	15,000	Quality Assurance inspector
6	222205014	SANDHIYA.V	BYD	15,000	Quality Assurance inspector
7	222205008	Pragalya P	BYD	15,000	Quality Assurance inspector
8	222204989	Bhavani V	BYD	15,000	Quality Assurance inspector
9	222204997	JANARANJANI.S	BYD	15,000	Quality Assurance inspector
10	222205011	PRIYADHARSHINI U	BYD	15,000	Quality Assurance inspector
11	222205024	VISHALI. K	BYD	15,000	Quality Assurance inspector
12	222204986	ABINAYA.R	SALCOMP	15,000	Quality Assurance inspector
13	222204996	Hemalatha N	SALCOMP	15,000	Quality Assurance inspector
14	222204998	Jegadeeswari S	SALCOMP	15,000	Quality Assurance inspector
15	222205005	PAVITHRA K	SALCOMP	15,000	Quality Assurance inspector
16	222205012	A.PRIYANGA	SALCOMP	15,000	Quality Assurance inspector
17	222204998	Jegadeeswari S	SALCOMP	15,000	Quality Assurance inspector

Faculty Members

Our department faculty members published papers in referred journals.

1. Ms.J.Suganthi

S.No	Paper Name/ Invited talk	Journal Name/Conference/ Work shops	Year of Publication
•	Applications of Pascal's Triangle	Invited Talk in Summer Training Programme in Mathematics conducted by Pie Association	15 th May 2024
2.	“Kalluri Kannavu Nigazhvu” Topic is “ Awareness for your education”	Invited Talk in Dhamal Government higher secondary school	24 th May 2024
3.	Patterns and Patterns leads to Linear equations	Invited talk in TOT –Upper Primary Science and Maths for DIET Faculties and BT Teachers (Maths &Science) Spell-1	03.07.2024 04.03.2024 05.03.2024
4.	Rational Numbers and Mettalic Ratios	Contemporary Mathematics Volume 5 Issues 8/2024/I	25 th September 2025

5.	Applications of Mathematics in Algebra.	Invited talk in TOT –Upper Primary Science and Maths for DIET Faculties and BT Teachers (Maths &Science)Spell -2	17.10.2024 18.10.2024
6.	On solving Quadratic Diophantine equation of Euler Type	The International Journal of Science, Mathematics and Technology Learning	May 2024
7.	Graph theory-based multi-objective Archimedes Search and Rescue Optimization Algorithm Paradigm: An Explicit Consideration to Urban Drainage Networks Layouts.	Vol.24 No.1(2025): Issue 1	Jan 2025
8.	Urban Drainage Network Structure Optimization Using Emperor Penguin Optimization Algorithm	Communications on Applied Nonlinear Analysis ISSN 1074-133X	Jan 2025

2. N.Ramya

S. No	Program attended	Conducted by	Mode	Place	Duration	Month & year	Participation /Presentation
1	International professional development programme on “CORE 4”	Patrician College	Virtual mode	Chennai	9 days	02.09.2024 to 12.09.2024	Participation
2	Recent Trends in Machine Learning and Applications	SRM Institute of Science and Technology Ramapuram Campus	Virtual Mode	Chennai	1 day	28.09.2024	Participation
3	National Level workshop on PhD research and Reporting Strategies: Navigating the Thesis Completion Process	Institute for Scholarly Research and Training	Virtual Mode	Chennai	3 days	24.10.2024 to 26.10.2024	Participation

4	Research and Publication Ethics	Swayam course	Computer Based Test	Chennai		08.12.2024	Scored 79%
5	Faculty Enrichment Programme on “Effective Article Writing and Application of SPSS for Research”	SSKV College of Arts & Science For Women	Offline mode	Kanchipuram	2 days	20.12.2024 & 21.12.2024	Participation Certificate.
6	National level online Workshop on ‘Strategies for Identifying in Research Areas and problems in Sciences and Social Science for PhD Research and Scholarly Publications.	Institute for Scholarly Research and Training	Virtual mode	Chennai	1 day	04.01.2025	Participation
7	12 th National Conference on Mathematics and its Applications NCMTA-2025	SRM Institute of Science and Technology	Offline mode	Kattankulathur	2 days	09.01.2025 to 10.01.2025	Presentation
8	One day National Level Workshop on “Artificial Intelligence (AI) Tools In Research and Education”	Sun Virtual Learning (Registered under UDYAM, (TN-32- 0038009), MSME Scheme, Govt of India.	Online mode		1 day	27.01.2025	Participation
9	Elevating Education through Faculty Development	Sri G.V.G. Visalakshi College for women,	Online Mode	Udumalpet.	6 days	17/02/2025 & 22/02/2025	Participation
10	Research Methodology	Swayam course	Computer Based Test	Kanchipuram	8 Weeks	Jan to March 2025	Scored 66%

BOOK CHAPTER ENTITLED AS	TOPIC	ISBN
Interdisciplinary Horizons: Innovations in science ,Mathematics and Engineering	Optimizing Investment decision using fuzzy linear programming: A case study	978-93-90188-99-4

	on risk management in financial portfolios	
Computer Research and Development(journal)	Fuzzy Optimization of Stock selection using Multi Criteria Decision Making with Grey Relational Analysis	ISSN :1000-1239, Feb 2025

Book chapter & Paper Publication:

3. S.Komala

Paper Accepted In the journal , Indian Journal of Natural Science (Web of Science)

Topic: Total Graph and Total Burning

ISSN: 0976-0997

4. B. PREMALATHA

s. no	Program attended	Conducted by	Mode	Place	Period	Month & year	Participation /Presentation
1	International professional development programme on “ CORE 4”	Patrician College	Virtual mode	Chennai	9 days	02.09.2024 to 12.09.2024	Participation
2	Recent Trends in Machine Learning and Applications	SRM Institute of Science and Technology Ramapuram Campus	Virtual Mode	Chennai	1 day	28.09.2024	Participation
3	National Level workshop on PhD research and Reporting Strategies: Navigating the Thesis Completion Process	Institute for Scholarly Research and Training	Virtual Mode	Chennai	3 days	24.10.2024 to 26.10.2024	Participation
4	Research and Publication Ethics	Swayam course	Computer Based Test	Chennai		08.12.2024	Scored 70%
5	Faculty Enrichment Programme on “Effective Article Writing and Application of SPSS for Research”	SSKV College of Arts & Science For Women	Offline mode	Kanchipuram	2 days	20.12.2024 & 21.12.2024	Participation
6	National level online Workshop	Institute for Scholarly	Virtual mode	Chennai	1 day	04.01.2025	Participation

	on ‘Strategies for Identifying in Research Areas and problems in Sciences and Social Science for PhD Research and Scholarly Publications.	Research and Training					
7	12 th National Conference on Mathematics and its Applications NCMTA-2025	SRM Institute of Science and Technology	Offline mode	Kattankulathur	2 days	09.01.2025 to 10.01.2025	PRESENTATION
8	One day National Level Workshop on “Artificial Intelligence (AI) Tools In Research and Education”	Sun Virtual Learning (Registered under UDYAM, (TN-32- 0038009), MSME Scheme, Govt of India.	Online mode		1 day	27.01.2025	Participation
9	Elevating Education through Faculty Development	Sri G.V.G. Visalakshi College for women,	Online Mode	Udumalpet.	6 days	17/02/2025 & 22/02/2025	Participation
10	Research Methodology	Swayam course	Computer Based Test	Kanchipuram	8 Weeks	Jan to March 2025	Scored 67%

5. M. Lavanya

Attended Faculty development programme (Jan’2025)

Topic: Data Analytics & Visualization

6. B. Amudha

Attended Faculty development programme (Jan’2025)

Topic: Advanced Data Analytics & Visualization.

- Phd awarded Sept’02, 2024
- Convocation Awarded(Feb’08, 2025).
- In-charge has taken as a NSS Programme officer.

Faculty Pursuing Ph.D:

S.no	Paper name	University
1.	Ms.J.Suganthi	AMEET University, Chennai

2.	Ms.N.Ramya	SCSVMV University, Kanchipuram
3.	Ms.S.Komala	Bharatiyar University, Coimbatore
4.	Ms.B.Premalatha	SCSVMV University, Kanchipuram

Role of Department Faculty.

1. Ms.N.Ramya & Ms.B.Amudha received special prize for accessing College Library more frequently
2. Ms.N.Ramya & Ms.A.Ezhilarasi got consolation prize in quiz program organized regarding Teacher's day Celebration.
3. Ms.A.Ezhilarasi has been acting as an Assistant Co-ordinator of exams from 2025 onwards.
4. Ms. B.Amudha has been holding the position of NSS programme officer of our college. She is also the YRC programme officer.