

Name of the Department:Mathematics**1.1 ACTIVITIES OF THE DEPARTMENT****1.1.1 Association meetings**

S. N o	Date	Topic	Resource Person (designation with complete official address)	Event	Platform
1	19.07.24	Avenues to the Future	Dr.A.Karthika, Associate Professor, Department of S&H, Sri Krishna College of Engineering & Technology, Coimbatore	Association Meeting	Offline
2	20.02.25	Mathematics in daily life	Dr.N.Jayanthi,Associate Professor & Head,Department of Mathematics, Government Arts College,Coimbatore	Association Meeting	Offline

1.1.2 Guest Lectures

S.No	Date	Topic	Resource Person (designation with complete official address)	Event	Platform
1.	03.07.24	Angel Investment /VC Funding opportunity for early stage Entrepreneurs	Mr.Grace Antony Rose,Assistant Professor,CIMT,Coimbatore	IIC Programme	Offline
2.	05.12.24	Guest Lecture on Automata to Language	Mr.Sivakumar Gopalam Krishnan Consulting Partner Data Science & Technology Netherland	Guest Lecture	Offline
3.	03.02.25	Mathematical Biology	Dr.George Maria Selvam,Associate professor & Head,Department of Maths,Sacred Heart College,Tirupattur	Guest Lecture	Online
4.	21.02.25	Mudivuedu Mudisudu	Mrs.S.Mythili Yogaraj,Proprietor,Mythe Creators,founder CMT Academy	Guest Lecture	Online
5.	15.04.25	How to plan startup and legal and ethical steps	Dr.R.Senjudarvannan, Professor and Head, Department of physics,	Guest Lecture	Offline

			Jansons Institute of Technology(Autonomous), Karumathampatty		
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1.1.3 Celebration of Important Days

S.N o	Date	Topic	Activity	Platfor m
1.	03.12.24	Ramanujan's day and his contribution Dr.Sadasivam.V PG & Research Department of Mathematics Thiruvalluvar Government ARts College,Rasipura	Guest Lecture	Offline

1.1.4 Competitions Organized

S.N o	Date	Topic	Name of the Competition	Platfor m
1	03.12.24	Ramanujan's Day Interschool Competition	Elocution	Offline
2	03.12.24	Ramanujan's Day Interschool Competition	Essay Writing	Offline
3	03.12.24	Ramanujan's Day Interschool Competition	Quiz	Offline
4	03.12.24	Ramanujan's Day Interschool Competition	Math Dance	Offline

1.1.6 DC Meetings

S.No	Date	Name of the Research Scholar	Research Supervisor	External Expert
1	26.06.24	Sr.Stephy Stephen	Sr.Helen	Dr.Narayana Moorthy, Associate Professor, Bharathiar University ,Coimbatore

2	0107.24	Vakitha Begum	Sr.Helen	Dr.Gnanambal Ilango, Associate Professor, Government Arts College,Coimbatore
3	02.12.24	Karen Felcita	Dr.A.Sahaya Sudha	Mary Louis, Associate Professor, Kumaraguru College of Liberal Arts and Science, Coimbatore
4	02.12.24	Iswarya	Dr.A.Sahaya Sudha	Rajeswari, Associate Professor, Chikkana Arts and Science College, Tiruppur
5	06.12.24	Elakiah	Dr.G.Sindhu	Satheesh Mohan Assistant Professor Kongunadu Arts and Science College
6	09.12.24	Shalini	Dr.G.Sindhu	Dr.Jayanthi, Assistant Professor, Krishna Arts and Science College,Coimbatore
7	10.12.24	Praveena.E	Dr.K.Julia Rose Mary	Dr.R.Parvathi Associate Professor & Head Vellalar College of Arts and Science, Erode
8	26.06.24	Sr.Stephy Stephen	Sr.Helen	Dr.Narayana Moorthy, Associate Professor, Bharathiar University, Coimbatore
9	01.07.24	Vakitha Begum	Sr.Helen	Dr.Gnanambal Ilango, Associate Professor, Government Arts College, Coimbatore

1.2 WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, HANDS ON TRAININGS ORGANISED BY THE DEPARTMENT

1.2.1 State level Workshops Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform
1.	13.02.25	One Day Workshop on LATEX	Dr.S.Monolisa, Assistant Professor. Dr.Mahalingam College of Engineering and Technology, Pollachi	25	Offline

2	17.02.25	Interdepartmental Workshop on SPSS	Dr.A.Arokia Lancy & Dr.L.Maria Presenti,Assistant Professor,PG & Research Department of Mathematics ,Nirmala College for Women	42	Offline
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1.2.2 National level Workshops Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform
1.	27.08.24	Wonders of the Solar System - A Planetary Viewin g	Mr.Alagupandi Selvaraj, CEO, Aakkam Seventh Mind Academy, Coimbatore	50	Offline
2.	28.11.24	Workshop on Problem Solving and Ideation	Dr. Shine Thomas Psychologist, Life Transformation Coach, Hypnotherapist and Entrepreneur	58	Offline

1.2.6 International level Seminars and Conferences Organized by the Department

S. No	DATE	TOPIC	RESOURCE PERSON	No. of Participants	Platform

1.	22.10.24- 23.10.24	International Conference on Modelling Strategies in Mathematics (ICMS M-2024)	<p>1.Dr. Sunil Jacob John Professor, Department of Mathematics National Institute of Technology, Kerala</p> <p>2.Dr. Piramanantham Professor, Department of Mathematics Bharathidasan University, Tiruchirappalli</p> <p>3.Prof.Sanjeewa Perera (Chair) Head of the Department Director,Centre for Mathematical Modeling University of Colombo Sri Lanka</p> <p>4.Dr. Prabath Liyanage Senior Lecturer Grade I Coordinator, Industrial Collaborations University of Colombo Sri Lanka</p> <p>5.Dr.Hasitha Erandi Assistant Professor Coordinator, M.Sc in Financial Mathematics University of Colombo Sri Lanka</p> <p>6.Dr. Thillaigovindan Professor Department of Mathematics Arab Minch University Arab Minch Ethiopia</p>	200	Offline
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1.4 EXPOSURE VISITS

S. No	DATE	CLASS	PLACE	No. of days	No of students	Type
1.	18.09.24- 22.09.24	III B.Sc Mathematics & II M.Sc Mathematics	Coorg, Mangalore, Udupi	5	31	Educational Tour
2	06.02.25	III B.Sc Mathematics	G.D Naidu Museum	1	13	Industrial Visit
3	13.03.25	I B.Sc Mathematics	Kodiveri	1	21	EVS Trip

1.5 BEST PRACTICES OF THE DEPARTMENT

SL. No.	DATE	DEPT	ACTIVITY
1	03.12.24	Mathematics	Ramanujan's Day Celebration

2. ACTIVITIES RELATED TO FACULTY MEMBERS
2.1 FACULTY MEMBERS AWARDED Ph.D.,

S. No	Name of the Staff	Date of Reg n	Date of Viva-Voce	Title	Name of the Supervisor
1	Sr.Stephy Stephen		03.01.25	Decision Analysis Via Interval Neutrosophic Frameworks in Agriculture: Theory, Applications and Insights	Dr.Sr.Helen

2.4 Ph.D Produced By the Faculty

S.No	Name of the Candidate	Name of the Supervisor	Title of the Thesis	Date of Viva Voce
1	Arokia Pratheesha.S.V	Dr.K.Mohana	A Study on Quadripartitioned Single Valued Neutrosophic Refined Sets and its Applications	21.06.2024
2	Dhanapackiam.M	Dr.M.Trinita Pricilla	A Study on Interval Valued Pythagorean Fuzzy Topological Spaces and its Applications	21.06.2024
3	Amala Kavya.C	Dr.A.Sahaya Sudha	A Study on Optimizing Decisions in a fuzzy Environment in Agricultural Crop Production	24.06.24
4	Priyadarshini.S.P	Dr,F,Nirmala Irudayam	A new Perspective of Pilthogenic sets via Cubica nd Refined sets	09.07.24
5	Agnes Jenifa.A	Dr.A.Sahaya Sudha	Healthcare Data Management in Hospital Information Security using graph parakii soft cryptosystem	11.07.24
6	Anjaline.W	Dr.Sr.A.Stanis Arul Mary	A Nominal study on minimum domination neighbourhood graphs	11.07.24

7	Surekha,S	Dr.G.Sindhu	An Innovative Interpretation of Binary Neutrosophic Binary Topological spaces holding versatile sets	23.07.24
8	Deepika.T	Dr.K.Julia Rose Marry	Analysis of M/M/C Queuing Model in a Neutrosophic Environment	26.07.24
9	Emimanimcy.M	Dr.A.Francina Shalini	A Research on Pythagorean Neutrosophic Refined Set and its Applications	31.07.24
10	Anitha.S	Dr.A.Francina Shalini	Research on Bipolar Pythagorean Neutrosophic Soft Set and Pilthogenic Cubic Vague Sets	31.07.24
11	Ramya.G	Dr.A.Francina Shalini	A new approach on Pythagorean Neutrosophic Hyper Soft Topological Space	07.08.2024
12	Vinnarasi.S	Dr.F.Nirmala Irudayam	A Study on the new form of Pythagorean Vague Topological Spaces	04.11.24
13	Joseph Paul	Dr.U.Mary	A study on Various Aspects of Geo Chromatic Number of a Graph on Variety of Parameters	06.12.24
14	Sr.Stephy Stephen	Dr.Sr.Helen	Decision Analysis Via Interval Neutrosophic Frameworks in Agriculture: Theory, Applications and Insights	03.01.25
15	Vakitha Begum.R	Dr.Sr.Helen	A study on Semi Generalised closed sets via Vague Topological Spaces and Interval Valued Neutrosophic Vague Topological Spaces	03.04.25
16	Sujipriya.A	Dr.K.Julia Rose Marry	A study on batch arrival working vacations queuing systems with customers impatient and breakdowns	13.05.25

2.5.1REFRESHERCOURSE ATTENDED BY THE FACULTY

S.N o	Date	Name of the faculty	Title	Organized by	Online/Offline
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1	24.09.24 - 07.10.24	Sr.Dr.A.Stanis Arul Mary	UGC- Sponsored Refresher Course	Kannur University	Offline
2	24.09.24 - 07.10.24	Dr.A.Arokia Lancy	UGC- Sponsored Refresher Course	Kannur University	Offline

2.5.2 ORIENTATION COURSE ATTENDED BY THE FACULTY

S.N o	Date	Name of the faculty	Title	Organized by	Online/Offline
1	26.11.24 - 23.12.24	Dr.L.Elvina Mary	UGC- Sponsored Faculty Induction Programme	Bharathiar University	Offline
1	26.11.24 - 23.12.24	Dr.L.Maria Presenti	UGC- Sponsored Faculty Induction Programme	Bharathiar University	Offline

2.5.3 FDP ATTENDED BY THE FACULTY

S.N o	Date	Name of the faculty	Title	Organized by	Online/Offline
1	29.08.24- 31.08.24	Dr.M.Trinita Pricilla	ISO Audit Training	Nirmala College for Women,Coimbatore	Offline
2	09.09.24 - 13.09.24	Sr.Stephy Stephen	FDP on Adapting to AI Driven Industry	Rajapalayam Raju's College, Rajapalayam	Online
3	30.09.24- 06.10.24	Sr.Stephy Stephen	FDP on Indian Knowledge System	Nandha Arts and Science College,Erode	Online
4	20.11.24- 24.11.24	Sr.Stephy Stephen	Python Programming for Data Analysis	Electronics & ICT Academy,C-DAC Hyderabad	Online

2.6.3 PARTICIPATION OF THE FACULTY IN WORKSHOPS

S. No	Date	Name of the faculty	Title	National/Intl	Organizing Committee with Address	Platform
1	07.04.25-11.04.25	Dr.M.Trinita Pricilla	One week Workshop on Mastering GraphTeory with Advanced Tools PYTHON,SAGE MATH,MATLAB & LATEX DRAW	National	Infinity Research & Development Institute, Coimbatore	Online

2.7 PUBLICATIONS BY THE FACULTY

2.7.1 BOOKS PUBLISHED BY THE FACULTY

S. No	Year	Name of the faculty	Name of the Book	IBBN/ISSN
1	2025	Dr.KJulia Rose Mary	Manual for GEOGEBRA	978-8-19834-810-4
2	2024	Dr.A.Sahaya Sudha	Handbook of Fuzzy Mathematics	978-81-983481-8-0
	2025		MCQ on Fuzzy Mathematics	978-81-984653-0-6
3	2024	Dr.A.Francina Shalini	Real Analysis - Course Notes	978-81-983481-1-1
	2025		Real Analysis I- Course Notes	978-81-985286-9-8
4	2024	Dr.F.Nirmala Irudayam	Topology Essentials : From Foundation to Frontiers	978-81-983481-6-6
	2025		Mastering Topology Through MCQ's - from Basics to Brilliance	978-81-985470-6-4
	2025		Comprehensive Statistical Analysis using SPSS: A Multivariate Approach	978-93-342-2391-0
5	2024	Dr.K.Mohana	Mathematical Foundations with R Programming	978-81-983481-9-7
	2025		Comprehensive Statistical Analysis using SPSS: A Multivariate Approach	978-93-342-2391-0
	2025		Mastering Topology Through MCQ's - from Basics to Brilliance	978-81-985470-6-4
6	2024	Dr.M.Trinita Pricilla	Lecture Notes on Functional Analysis	978-81-983481-2-8
	2025		Lab Manual and MCQ for Python Programming	978-81-984653-1-3

7	2024	Dr.A.Arokia Lancy	Statistics Brain Teasers	978-81-983630-7-7
	2025		Lecture Notes on Statistics for Geography	978-93-342285-0-2
8	2024	Dr.L.Elvina Mary	The Basics of Mechanics	978-81-983481-7-3
	2025		Mathematics for Competitive Examinations	978-81-985470-9-5
9	2024	Dr.L.Maria Presenti	Lecture Notes on Fluid Dynamics	978-81-983481-4-2
			Lecture Notes on Real Analysis	978-93-342-2492-4
10	2025	Dr.Sr.Stephy Stephen	MCQs on Mathematical Analysis	978-81-983481-4-2
	2025		Manual for GEOGEBRA	978-8-19834-810-4

2.7.5PAPER PRESENTATION BY THE FACULTY

S No	Date	Name of the faculty	Topic	Category	Organizing Committee with address	Platform
1	21.04.2025 - 23.04.2025	Dr.F.Nirmala Irudayam & Dr.K.Mohana	An Application of Quadripartitioned Neutrosophic Chaotic Sets in Decision Making	International	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications	Offline
2	21.04.2025 - 23.04.2025	Dr.K.Mohana & Dr.F.Nirmala Irudayam	Muli-Attribute Neutrosophic Vague Autocratic Deision Making Techniques for choosing a building Material Supplier	International	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers	Offline

					Education University, Nirmala College for Women, ESN Publications	
3	21.04.2025 - 23.04.2025	Dr.L.Maria Presenti	The role of AI in Enhancing Mathematics learning: A Statistical Analysis of Student Perceptions and Challenges	International	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications	Offline

2.9 ACHIEVEMENTS AND AWARDS – FACULTY

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2025	Dr.K.Mohana	Assistant Professor	Thirukkural Ullaga Nool Aaivu Mamani Viruthu
2025	Dr.A.Arokia Lancy	Assistant Professor	Thirukkural Ullaga Nool Aaivu Mamani Viruthu
2025	Dr.F.Nirmala Irudayam	Assistant Professor	Academic Excellence Award
2025	Dr.K.Mohana	Assistant Professor	Outstanding Outreach Award
2025	Dr.L.Maria Presenti	Assistant Professor	Young Researcher Award

2.10 OTHER ACADEMIC CONTRIBUTIONS – FACULTY

S. No	Date	Name of the Faculty	Nature of Work	Institution
1	26.06.24	Dr.A.Sahaya Sudha	Subject Expert for Doctoral Committee meeting	Chikkana Government Arts College,Tirupur
2	15.07.24	Dr.A.Sahaya Sudha	Resource Person for Guest Lecture	Department of Mathematics,Nirmala College for Women,Coimbatore
3	29.08.24	Dr.A.Sahaya Sudha	Subject Expert for Doctoral Committee Meeting	CBM College, Coimbatore
4	31.08.24	Dr.K.Mohana	Judge for Competition	Carmel Garden Matriculation School
5	11.12.24	Dr.K.Mohana	Subject Expert for Doctoral Committee Meeting	Sri Ramakrishna Mission Vidyalaya College of Arts and Science
6	01.02.25	Dr.K.Julia Rose Mary	Subject Expert for BOS Member	St.Xavier's College ,Tirupattur
7	04.02.25	Dr.K.Julia Rose Mary	Resource Person for one day National Seminar on Queueing Model and its Applications	Nanda College of Technology
8	04.02.25 &05.02.25	Dr.K.Mohana	Resource Person for	Sacred Heart College,Tirupattur & Providence College
9	11.02.25	Dr.A.Sahaya Sudha	Resource Person for Guest Lecture on the topic Fueling a successful Startup with Innovation	TDMNS College
10	13.03.25	Dr.A.Sahaya Sudha	Subject Expert for Doctoral Committee Meeting	Bharathiar University
11	21.03.25	Dr.A.Sahaya Sudha	Practical Examiner	Bharathiar University

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12	25.04.25	Dr.A.Arokia Lancy	Subject expert for Doctoral Committee Meeting	Shri GVG Visalakshi College for Women,Udumalpet
13	05.05.25	Dr.A.Sahaya Sudha	Subject expert for the Recruitment	Sri Ramakrishna College of Arts and Science
14	21.05.25-23.05.25	Dr.F.Nirmala Irudayam	Session Chair	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications
15	21.05.25	Dr.K.Mohana	Modeartor-Session 2	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications
16	21.05.25	Dr.L.Maria Presenti	Modeartor-Session 3	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications

3. DETAILS RELATED TO STUDENTS

3.2 PROJECTS CARRIED OUT BY THE STUDENTS

S. No	Name of the Student	Class	Institution where project was carried out	Period	Title of the project
1	Anly Mariya P V	II M.Sc.Mathematics	Nirmala College For Women	2023-2025	Optimizing an assignment problem using Brute force method

2	Ayisha Fenoon A.M	II M.Sc.Mathematics	Nirmala College for Women	2023-2025	Interval Valued Pythagorean (p,q,r)Spherical Fuzzy Set and their Aggregation Operators
3	Cruz Esther A	II M.Sc. Mathematics	Nirmala College For Women	2023-2025	Optimizing Multi-channel Queuing System Under Encouraged Arrival
4	Harisha S	II M.Sc.Mathematics	Nirmala college for women	2023-2025	A Probe into Applications of Soft Expert Set
5	Harsha Varthini D	II M.Sc.Mathematics	Nirmala college for women	2023-2025	A study on Neutrosophic vague dombi weighted aggregation operators and tangent similarity measures
6	Janeta Y Yonaca	II M.Sc.Mathematics	Nirmala college for women	2023-2025	Fuzzy Graph Centrality Measures
7	Jenifer.G	II M.Sc.Mathematics	Nirmala college for women	2023-2025	Multi-Channel Queuing Analysis under Balking
8	Joeann A	II M.Sc.Mathematics	Nirmala college for women	2023-2025	A STUDY ON PYTHAGORAN m-POLAR NETUROSOPHIC VAGUE SET
9	Liji Catharin.J	II.M.Sc.Mathematics	Nirmala college for women	2023-2025	Optimization Strategies using Trapezoidal Neutrosophic Vague Numbers
10	Maria Angela Mary.M	II M.sc Mathematics	Nirmala college for women	2023-2025	Prime Cordial Distance Labeling For Graphs

11	Mariapousteena A	II M.Sc.Mathematics	Nirmala College for Women	2023-2025	A Network Flow Model Applied in a Transportation Problem of a Textile Production Process
12	Mugilnithi R	II M.Sc.Mathematics	Nirmala College for Women	2023-2025	Analysis of M/M/C queuing model with heterogeneous services and breakdown
13	Nagomi R	II M.Sc.Mathematics	Nirmala College for Women	2023-2025	Neutrosophic vague binary soft set
14	Sarulatha G	II M.Sc.Mathematics	Nirmala College for Women	2023-2025	Various measures of neutrosophic vague sets with multi-attribut decision making
15	Sofia V	II M.Sc.Mathematics	Nirmala college for women	2023-2025	A Study on Johan and fractional coloring
16	Jelsiya Josis J	II M.Sc Mathematics	Nirmala College for Women	2023-2025	A study on intuitionistic fuzzy nano*generalized closed sets and their role in intuitionistic fuzzy nano topological spaces
17	Saranya K.R	II M.Sc Mathematics	Nirmala College for Women	2023-2025	S _d prime cordial distance labeling of graphs
18	Karthikeswari R	II M.Sc.Mathematics	Nirmala College for Women	2023-2024	Vague INK Ideal and Vague Translation in INK Algebra
19	Joyce Brightlin K	II M.Sc Mathematics	Nirmala College for Women	2023 – 2025	A New form of b-open set via Fermatean Neutrosophic sets

20	Sriranjani K	II M. Sc Mathematics	Nirmala College for Women	2023-2025	A Novel form of Heptagonal Neutrosophic b-open set
21	Diana Merlin J	II M.Sc. Mathematics	Nirmala College For Women	2023 – 2025	Interval Valued Intuitionistic Fuzzy Sets in Derivations of KU-Ideals in KU-Algebra
22	Shalini M	II M.sc Mathematics	Nirmala college for women	2023-2025	Neutrosophic * soft generalized b-closed sets in Neutrosophic soft topological spaces
23	Jose Silviya J	II M.Sc Mathematics	Nirmala College for Women	2023 – 2025	Network - driven optimization for financial loan processing
24	Sherlin J	II M.Sc Mathematics	Nirmala College for Women	2023-2025	Neutrosophic *generalized pre-regular closed sets in Neutrosophic topological spaces
25	Pavithra K	II M. Sc Mathematics	Nirmala College for Women	2023-2025	Pythagorean m-polar interval valued fuzzy neutrosophic topology

3.2 STUDENT'S PARTICIPATION IN CONFERENCES

S. No	Date	Name of student	Topic	Name of Conference	Organizing Committee and platform	National/ International
1	11.09.24 - 12.09.24	Pharsana Parveen. M	Graphing the future: Unleashing the power of graph neural networks in real world applications.	International Conference on Graphs from Algebraic Structures (ICGA-2024)	St. Xavier's College, Palayamkottai	International

2	11.09.24 - 12.09.24	Priya Karen S	Partitioned Domination of Bipartite Graphs	International Conference on Graphs from Algebraic Structures (ICGA-2024)	St. Xavier's College, Palayamkottai	International
3	27.09.24	Tweena Evangelin . P	Properties of Algebraic Operations on Lattice Valued Picture Fuzzy Sets	National Conference on Advances in Discrete Mathematics (MACMAS'24)	Malankara Catholic College, Mariagiri, Kanyakumari	National
4	03.10.24 - 05.10.24	Pharsana Parveen. M	Leveraging graph theory in Graph Neural Networks: A Case study of Amazon product system & Relative Analysis with Traditional Approaches.	International Conference on Graph theory and its Applications (ICGTA-2024)	PG & Research Department of Mathematics Christ College, Irinjalakuda.	International
5	03.10.24 - 05.10.24	Priya Karen S	Affine Cipher with Graph-Based Modular Reduction using complete prime- labeled Graph	International Conference on Graph theory and its Applications (ICGTA-2024)	PG & Research Department of Mathematics Christ College, Irinjalakuda.	International
6	17.10.24	Karen Felicia C	INCORPORATING FUZZY LOGIC INTO GENETIC ALGORITHMS A SYNERGISTIC APPROACH	National Conference on Mathematical Innovations in Science, Engineering and Technology	Department of Mathematics, PSGR Krishnammal College for Women	National
7	21.10.24	Karen Felicia C	GENETIC ALGORITHM- DRIVEN FUZZY EXPERT SYSTEM FOR OPTIMIZATION SYSTEM	International Confernce on Blooming Fuzzifier Logic 2024- (ICBFL 2024)	PG & Research Department of Mathematics, Chikkana Government Arts College, Tirupur	International

8	22.10.24 & 23.10.24	Merlin Swetha J	On Pre Generalized Mu*-Continuity In Topological Spaces	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
9	22.10.24 & 23.10.24	Sharmila J	Various Operations on Quadripartitioned Neutrosophic Cubic Sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
10	22.10.24 & 23.10.24	Reena Joice P	Fermatean Neutrosophic Hypersoft Set in INK- Algebra	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
11	22.10.24 & 23.10.24	Sangeetha C	A Study on Micro Binary Separation Axioms	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
12	22.10.24 & 23.10.24	Rajalakshmi N	Solving Neutrosophic Vague Set Assignment Problem in a New Method using Robust Ranking Procedure	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International

13	22.10.24 & 23.10.24	Subha R	Shortest Path Network Analysis Calculations via Fermatean Pentapartitioned Neutrosophic Set	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
14	22.10.24 & 23.10.24	Radhika V R	Pentapartitioned Neutrosophic Vague Sets and its Application in Medical Diagnosis	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
15	22.10.24 & 23.10.24	Shalini R	Neutrosophic Topological Structures in BP - Algebras	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
16	22.10.24 & 23.10.24	Vargees Vahini T	On Various Mappings in Micro Vague Topological Spaces	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
17	22.10.24 & 23.10.24	Nandhini A	Application of Cubic Bipolar Intuitionistic Fuzzy Sets to MCDM using aggregation operators with priority degrees	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International

18	22.10.24 & 23.10.24	Elekiah J	A special map of binary set in binary topological spaces	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
19	22.10.24 & 23.10.24	Joyce Brightlin K	A New form of b-open set via Fermatean Neutrosophic sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
20	22.10.24 & 23.10.24	Sarulatha SG	Correlation Coefficient of Neutrosophic Vague Sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
21	22.10.24 & 23.10.24	Sherlin J	Neutrosophic* Generalized Pre Regular Closed Sets in Neutrosophic Topological Spaces	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
22	22.10.24 & 23.10.24	Liji Catharin J	A Neutrosophic Vague approach to the Transportation problem using Trapezoidal Neutrosophic Vague Numbers	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International

23	22.10.24 & 23.10.24	Harsha Varthini D	Neutrosophic Vague Dombo Weighted Aggregation Operators for Multiple Attribute Decision-Making	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
24	22.10.24 & 23.10.24	Shalini M	Neutrosophic * Soft Generalized b-closed Sets in Neutrosophic Soft Topological Spaces	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
25	22.10.24 & 23.10.24	Pavithra K	A New Perspective of Pythagorean m Polar Fuzzy Neutrosophic Set	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
26	22.10.24 & 23.10.24	Ayisha Fenoon A M	Interval Valued Pythagorean (pqr) Spherical Fuzzy Set	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
27	22.10.24 & 23.10.24	Nagomi R	Neutrosophic Vague Binary Soft Sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International

28	22.10.24 & 23.10.24	Sriranjani K	A Novel form of Heptagonal Neutrosophic b-open sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
29	22.10.24 & 23.10.24	Joeann A	Pythagorean m-Polar Neutrosophic Vague set	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
30	22.10.24 & 23.10.24	Jelsiya Josis J	Intuitionistic Fuzzy Nano*Generalized Closed Sets and Continuous Mappings.	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
31	22.10.24 & 23.10.24	Vanitha A	On a Typical Neutrosophic Cubic Topology Induced by a Grill	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
32	22.10.24 & 23.10.24	Berna Joyce L	P and R order of Pythagorean Neutrosophic Cubic Sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International

33	22.10.24 & 23.10.24	Theepika K C	Mathematical insight into AI model PCO's prediction from probability to optimization	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore.	International
34	22.10.24 & 23.10.24	Hemalatha G	Aggregate Operators of Pythagorean Neutrosophic Super Hypersoft set	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore-18.	International
35	22.10.24 & 23.10.24	Tweena Evangelin P	Lattice Valued Picture Fuzzy Sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
36	22.10.24 & 23.10.24	Pharsana Parveen M	Enhancing Social Network Prediction in Graph Neural Networks using Graph theoretical Approaches: Social Network Analysis on the Facebook Ego Dataset	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore-18.	International

37	22.10.24 & 23.10.24	Priya Karen S	On Randic Energy of Cover Pebbling of Various Graphs.	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for Women, Coimbatore-18.	International
38	22.10.24 & 23.10.24	Karthikes wari R	Vague Ink Ideals In Ink Algebra	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
39	22.10.24 & 23.10.24	Diana Merlin J	Interval valued Intuitionistic fuzzy KU-ideals in KU Algebras	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
40	22.10.24 & 23.10.24	Mythili S	Multi – Attribute Decision – Making for understanding the Emotional Toll of Math Anxiety for students using Fuzzy Hypersoft Sets	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International

41	22.10.24 & 23.10.24	Lidiya P	Unreliable Single Server Batch Service Multiple Working Vacations queuing system with Reverse Balking	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
42	22.10.24 & 23.10.24	Prakati P	A Comparative Case study on M/M/C MWV and SWV Queuing model with Impatient customers during Encouraged Arrival	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
43	22.10.24 & 23.10.24	Jenifer Princy P	Analysis of a Queuing Model with Servers Repeated Vacations and Breakdowns	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
44	22.10.24 & 23.10.24	Karen Felicita C	Genetic Algebraic Strategies in Stock Market Analysis	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International

45	22.10.24 & 23.10.24	S.Florence Poornima	JOHAN CHROMATIC NUMBER OF EDGE CORONA PRODUCT OF CYCLE GRAPH WITH GRAPHS.	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
46	22.10.24 & 23.10.24	S. Ramesh Kumar	EXPLORING QUADRIPARTITIONED NEUTROSOPHIC SOFT METRIC SPACES AND COMPACTNESS IN QUADRIPARTITIONED NEUTROSOPHIC SOFT TOPOLOGICAL STRUCTURES	International Conference on Modelling Strategies in Mathematics (ICMSM-2024)	PG & Research Department of Mathematics, Nirmala College for women, Coimbatore-18	International
47	21.04.20 25 - 23.04.20 25	Tweena Evangelin P	Lattice Valued Picture Fuzzy Approach to Biomedical Research	UAE International Conference on Multidisciplinary Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International

48	21.04.20 25 - 23.04.20 25	Priya Karen.S	Eccentricity Topological Indices and Physiochemical properties of Anti- Diabetic drugs for Youth: A correlation analysis	UAE International Conference on Multidisciplinary Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International
49	21.04.20 25 - 23.04.20 25	Aksayaa. E	AI in Mathematics	UAE International Conference on Multidisciplinary Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International

50	21.04.20 25 - 23.04.20 25	Radhika. V.R	Muli-Attribute Neutrosophic Vague Autocratic Deision Making Techniques for choosing a building Material Supplier	UAE International Conference on Multidisciplinair y Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International
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3.3 STUDENT'S PARTICIPATION IN WORKSHOPS/HANDS-ON-TRAINING

S. No	Date	Name of student	Topic	Name of Workshop/Hands- on-Training	Organizing Committee and platform	National/ Internationa l
1.	19.08.24	Pharsana Parveen.M	Applicatio ns of Graphs in Engineerin g and Technolog y and Essence of Mathemati cs in Engineerin g and Medical	One Day Workshop on Mathematical Modelling in engineering Field	Dr.Mahaling am College of Engineering and Technology	National

2.	19.08.24	Priya Karen.S	Applications of Graphs in Engineering and Technology and Essence of Mathematics in Engineering and Medical	One Day Workshop on Mathematical Modelling in engineering Field	Dr.Mahalingam College of Engineering and Technology	National
3	21.04.25	Tweena Evangelin P	Lattice Valued Picture Fuzzy Approach to Biomedica l Research	UAE International Conference on Multidisciplinary Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management , Tamil Entrepreneur s and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International

4	21.04.25	Priya Karen.S	Eccentricity Topological Indices and Physicochemical properties of Anti-Diabetic drugs for Youth: A correlation analysis	UAE International Conference on Multidisciplinary Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International
5	21.04.25	Aksayaa.E	AI in Mathematics	UAE International Conference on Multidisciplinary Research and Innovation (ICMRI - 2025)	SP Jain School of Global Management, Tamil Entrepreneurs and Professionals Associates, Tamil Nadu Teachers Education University, Nirmala College for Women, ESN Publications (OFFLINE)	International

3.4 PUBLICATION BY THE STUDENTS

3.4.3 PUBLICATION BY THE STUDENTS IN INTERNATIONAL JOURNALS

S. No	Month & Year	Name of the student	Topic	Name of the Journal	Vol No, Issue No, Pg No	ISSN	Impact factor.	Indexing Details
1	July, 2024	Lidiya P	Analysing the Performance of Queuing Model with the Busy Period Breakdown	Baghdad Science Journal	Volume 22, Issue 2	2411-7986	1.2	Scopus
2	December 2024	Jenifer Princy P	Analysis of an Encouraged Arrival Queueing Model with Servers Repeated Vacations and Breakdowns	Reliability: Theory and Applications	Vol No.19 Issue No. 4(80) 700 - 709	1932-2321	0.66	Scopus
3	January 2025	Berna Joyce L	Pythagorean Neutrosophic Cubic Set	Communications on Applied Non linear Analysis	Vol 32 No. 6s (2025)	1074-133X	0.125	Scopus
4	March 2025	Harisha S	A Probe into Applications of Soft Expert Set	International Research Journal of Modernization in Engineering Technology and Science	07,03,983-988	2582-5208	8.187	
5	January 2025	Joyce Brightlin K	A New form of b-open set via Fermatean Neutrosophic sets	International Journal of Novel Research and Development	10, 01, c845-c852	2456 - 4184	8.76	
6	February 2025	Liji catharin.J	NEUTROSOPHIC VAGUE APPROACH TO THE ASSIGNMENT PROBLEM USING	International Research Journal of Modernization in Engineering Technology and	Volume 07, Issue 02, 4622-	2582-5208	8.187	

			TRAPEZOIDAL NEUTROSOPHIC VAGUE NUMBERS	Science.	4628.			
7	March 2025	Jelsiya Josis J	INTUITIONISTIC FUZZY NANO*GENERALIZED CLOSED SETS AND CONTINUOUS MAPPINGS	International Research Journal of Modernization in Engineering Technology and Science	Vol No 07, Issue 03, 327-332.	2582-5208	8.187	
8	November - December 2024	Anly Mariya P V	Novel approach for solving an assignment problem using Brute force method	International Journal For Multidisciplinary Research	Volume 6 , Issue 6	2582-2160	9.24	
9	November 2024	Ayisha Fenoon A.M	Interval valued Pythagorean (p, q, r)Spherical Fuzzy set and their Aggregation Operators	International Journal of Humanities and Sciences	1	ISSN: 3048-6734	7.3299	
10	November 2024	Cruz Esther A	Analysis of M/M/c Queuing Model With Encouraged Arrival	International Journal of Humanities and Sciences		3048 - 6734	7.3299	
11	November 2024	Karthikeswari R	Vague Translation in INK Algebra	International Journal of Humanities and Sciences		3048 - 6734	7.3299	
12	November 2024	Mugilnithi R	Performance Measures of the M/M/C queuing model with breakdown	International Journal of Humanities and Sciences		3048 - 6734	7.3299	
13	November 2024	Jenifer.G	Performance Measures of the M/M/C queuing model with balking	International Journal of Humanities and Sciences		3048 - 6734	7.3299	
14	November 2024	Pavithra K	Pythagorean m polar neutrosophic vague metric space	International Journal of Humanities and Sciences		3048 - 6734	7.3299	
15	November 2024	Nagomi R	Neutrosophic vague binary soft topological space	International Journal of Humanities and Sciences		3048 - 6734	7.3299	

16	November 2024	Janeta J Yonacaa	Fuzzy Graph Centrality Measures	International Journal of Humanities and Sciences		3048 - 6734	7.3299	
17	November 2024	V.Sofia	A Study on Johan and fractional coloring	International Journal of Humanities and Sciences		3048- 6734	7.3299	
18	December 2024	Jose Silviya J	Network - driven optimization for financial loan processing	International Journal of Creative Research Thoughts	Volume 12, Issue 12, page 414- 422	2320- 2882	7.97	
19	December 2024	Mariapousteena. A	A comparison of network flow model and LPP to optimize yarn production	International Journal of Research and Analytical Reviews	Volume 11, Issue 4, 155-163	2348- 1269	7.17	
20	January 2025	Sriranjani K	A Novel form of Heptagonal Neutrosophic b-open sets	International Journal of Novel Research and Development	Volume 10,Issue 02,Pg.No a110-a114	2456- 4184	8.76	
21	February 2025	Pavithra K	Pythagorean m-polar interval valued fuzzy neutrosophic topology	International Journal of Novel Research and Development	10,02,a230- a241	2456- 4184	8.76	
22	February 2025	Harsha Varthini D	NEUTROSOPHIC VAGUE TANGENT SIMILARITY MEASURE AND ITS APPLICATION TO MULTIPLE ATTRIBUTE DECISION MAKING	International Research Journal of Modernization in Engineering Technology and Science	Volume 07, Issue 02,4144- 4151, February 2025.	2582- 5208	8.187	
23	March 2025	Diana Merlin J	Interval Valued Intuitionistic Fuzzy Sets in Derivations of KU-Ideals in KU-Algebra	International Research Journal Of Modernization In Engineering Technology And Science	Volume 07, Issue 03,(312 - 326)	2582- 5208	8.187	
24	March 2025	Shalini M	Neutrosophic * Soft generalized b-closed sets in neutrosophic soft topological spaces	International Research Journal of Modernization in Engineering Technology Science (IRJMETS)	Volume7 Issue 3, March 2025 pg.no:693- 700	2582- 5208	8.187	

25	March 2025	Saranya K.R	SD PRIME CORDIAL DISTANCE LABELING OF GRAPHS	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	Vol no 07,Issue no 03 Pg.no.911-915	2582-5208	8.187	
26	March 2025	Maria Angela Mary.M	Prime Cordial Distance Labeling For Some Graphs	International Journal of Research Publication and Reviews	Volume 6,Issue 3	2582-7421	6.844	
27	February 2025	Sarulatha SG	Correlation Coefficient of Neutrosophic Vague Sets and its Applications	International Research Journal of Modernization in Engineering Technology and Science.	Volume 07, Issue 02, 5124-5129	2582-5208	8.187	

3.5 STUDENTS' PRESENTATION IN SEMINARS AND CONFERENCES

S. N o	Date	Name of the student	Topic	Name of the Seminar/ Conference/	Organized by	Platform
1	13.12.24 - 14.12.24	Jenifer Princy P	Analysis of a M/M(a,b)/(2,1) Queuing Model with Servers Repeated Vacation under Encouraged Arrival	International Conference on Applied Mathematical Sciences for Emerging Technologies - 2024 (ICAMSET - 2024)	Department of Mathematics, School of Engineering and Technology, Dhanalakshmi Srinivasan University, Perambalur (Online)	Online

2	13.12.24 - 14.12.24	Berna Joyce L	Operations and aggregation metod of Pythagorean Neutrosophic Cubic Set for Multiple Attribute Decision Making	International Conference on Applied Mathematical Sciences for Emerging Technologies - 2024 (ICAMSET - 2024)	Department of Mathematics, School of Engineering and Technology, Dhanalakshmi Srinivasan University, Perambalur (Online)	Online
3	17.02.25 - 19.02.25	Mathan kumar A	Adomain decomposition method for solving linear and nonlinear fractional diffusion equation with exponential nonlinearity	International Conference on Nonlinear Dynamics Modeling and Computation (ICNDMC- 2025)	Department of Mathematics, Bharathiar University(offline)	Offline
4	17.02.25 - 19.02.25	Infanta Nancy K	Fractional Dynamics On Transmission of Oropouche Fever	International Conference on Nonlinear Dynamics Modeling and Computation (ICNDMC- 2025)	Department of Mathematics, Bharathiar University(offline)	Offline
5	19.02.25 - 20.02.25	Mathan kumar A	q- Homotopy Analysis Transform method for solving linear and nonlinear fractional diffusion equation with exponential nonlinearity	International Conference on Applied Mathematics and Computing (ICAMC- 2025)	Department of Applied Mathematics, Bharathiar University (Offline)	Offline

6	19.02.25 - 20.02.25	Infanta Nancy K	Fractional SEIR Model with Stability Analysis for Oropouche Fever	International Conference on Applied Mathematics and Computing (ICAMC-2025)	Department of Applied Mathematics, Bharathiar University (Offline)	Offline
7	19.02.25 - 20.02.25	Jenifer Princy P	Analysis of an Encouraged Arrival Queuing Model with Servers Repeated Vacations and Breakdowns in Fuzzy Environment	International Conference on Applied Mathematics and Computing (ICAMC-2025)	Department of Applied Mathematics, Bharathiar University (Offline)	Offline
8	12.03.25 - 13.03.25	Hemalatha G	Pythagorean Neutrosophic SuperHyperSoft Sets and Their Trigonometric Similarity Measures	I International Conference on "Emerging trends and Technology in Mathematics and Computing"	Department of Mathematics ,St.Joseph's College of Arts and Science for Women, Hosur	Online
9	12.03.25 - 13.03.25	Tweena Evangelin P	Lattice Valued Picture Fuzzy Relaions	I International Conference on "Emerging trends and Technology in Mathematics and Computing"	Department of Mathematics ,St.Joseph's College of Arts and Science for Women, Hosur	Online

10	12.03.25 - 13.03.25	Priya Karen S	Product Eccentricity Energy and Spectrum For Some Class of Graphs	I International Conference on "Emerging trends and Technology in Mathematics and Computing"	Department of Mathematics ,St.Joseph's College of Arts and Science for Women, Hosur	Online
11	08.03.25 - 09.03.25	Joeann A	EMOTI Track to track your emotions	Youth Convention Meet	St.Clareut College,Bangalore	Offline

3.7FELLOWSHIPS AND SCHOLARSHIPS

S. No	Name of the Student and Class	Name of the fellowship/scholarship	Funding agency	Stipend Amount
1.	T. Deepika	Savitribai Jyotirao Phule Single Girl Child Fellowship	University Grants Commission	₹31, 000
2.	J.Elekiah	Savitribai Jyotirao Phule Single Girl Child Fellowship	University Grants Commission	₹31, 000
3.	P. Prakati	Savitribai Jyotirao Phule Single Girl Child Fellowship	University Grants Commission	₹31, 000

3.9 ONLINE COURSES COMPLETED BY THE STUDENTS

(Kindly include all the courses completed by the Students Including Swayam, Spoken Tutorial, Coursera, Learnathon, etc)

SL.N O	NAME	NAME OF THE COURSE	COURSE CONDUCTED BY
1	AKSAYAA E	1.Basics of business statistics 2.Basic Principles of Hotel Management and Front Office Operations	Times Pro
2	ANSIYA M Y	1.Time Management: Maximizing Productivity 2. Essentials of English Communication	1.Atingi 2.Timespro

3	ARTHIKA DHARSHINI G	1.Basics of business statistics 2.Essentials of English Communication	Times Pro
4	ASWINI PRIYA M	1.Basics of business statistics 2.Essentials of English Communication	Times Pro
5	DHIYANA V P	1.Time Management: Maximizing Productivity 2.Essentials of English Communication	1.Atingi 2.Timespro
6	DIVYA BHARATHI K	1.Basic Principles of Hotel Management and Front Office Operations 2.Basics of business statistics	Times Pro
7	GOWSALYA V	1.Basics of business statistics 2.Essentials of English Communication	1.Times Pro 2.Swayam -Plus
8	GRACY STELLA FERERA R	1.Time Management: Maximizing Productivity 2. Basics of business statistics	1.Atingi 2. Timespro
9	HARINI S	1.Basics of business statistics 2.Essentials of English Communication	Times Pro
10	JENOVA S	1.Effective Speaking and Listening Skills- Advanced 2.Problem Solving and Innovation Advanced	Wadhani Foundation
11	JEYASELVI M	1.Basics of business statistics 2.Basic Principles of Hotel Management and Front Office Operations	Times Pro
12	MADHUMITHA Y	1.Basics of business statistics 2.Basic Principles of Hotel Management and Front Office Operations	Times Pro
13	MEENAKSHI R	Basis of business statistics	Times pro
14	MUTHULAKSH MI M	1.Time Management: Maximizing Productivity 2.Basics of Business Statistics	1.Atingi 2.Times pro

15	PHILOMINI	1. Basics of Business Statistics 2. Essentials of English Communication	Timespro
16	REENA G	1. Basics of business statistics 2. Essentials of English Communication	Times Pro
17	SATHYAPRIYA M	Basics of business statistics	Times Pro
18	STEFFY MARGREAT A	1. Basic of business statistics 2. Basic principles of hotel management	Times Pro
19	SWATHI V	1. Obtain an appropriate job 2. Effective speaking and listening skills	Times Pro
20	THAMARI J	Basics of business statistics	Times pro
21	PRIYADHARSHINI .G	1. Basics of business statistics 2. Essentials of English Communication	Times Pro
22	BRINDHA M	1. Accounting Fundamentals 2. Basics of business statistics	1. Swayam plus 2. Times pro
23	VIKASHNI M	1. Basics of business statistics 2. Basic Principles of Hotel Management and Front Office Operations	Times Pro
24	ASHIKA. M	1. Basics of business statistics 2. Basic Principles of Hotel Management and Front Office Operations	Times Pro
25	AMMU P	1. Basic principles of hotel management and front office operations and basics of marketing communication 2. Environmental Science	1. Times Pro 2. NPTEL
26	CLARA J CATHERINE ROSE	1. Basics of marketing communication and basics of business statistics 2. Environmental Science	1. Times Pro 2. NPTEL

27	DEVAKI A	1.Basic principles of hotel management and front office operations and basics of marketing communication 2.Environmental Science	1.Times Pro 2.NPTEL
28	DHARANI J	1. Employability skills jobready and employability skills job rise 2.Environmental Science	1.Wadhwani Foundation 2.NPTEL
29	DHARSHINI K	1.Basic principles of hotel management and front office operations and basics of marketing communication 2.Environmental Science	1.Times Pro 2.NPTEL
30	GAYATHRI G	1.Basic principles of hotel management and front office operations and basics of marketing communication 2.Environmental Science SCIENCE	1.Times Pro 2.NPTEL
31	KARTHIKA M	1. Basic principles of hotel management and front office operations and basics of marketing communication 2.Environmental Science	Times Pro
32	LASHYA G	1.Basics of business statistics and basic principles of hotel management and front office operations	Times Pro
33	MADHUMITHA A	1.Basic principles of hotel management and front office operations 2.Employability skills job ready	1.Times Pro 2.Wadhwani Foundation
34	MADHUSHRI S	1.Basic principles of hotel management and front office operations and basics of business statistics	Times Pro
35	MITHRASHREE N	Basics of business statistics	Times Pro

36	MOULIKA R	1.Basics of marketing communication and basic principles of hotel management and front office operations	Times Pro
37	MUNEESWARI C	1.Basic principles of hotel management and front office operations and basics of marketing communication	Times Pro
38	NEHA P A	1.Basic principles of hotel management and front office operations and basics of marketing communication	Times Pro
39	NITHYALAKSHMI K	1.Basic principles of hotel management and front office operations and basics of business statistics	Times Pro
40	NUHA FATHIMA N	1Basic principles of hotel management and front office operations and basics of marketing communication 2.environmental science	1.Times Pro 2.NPTEL
41	SANTHASRI K	Basics of business statistics	Times Pro
42	SHOBIIKA M	Basic principles of hotel management and front office operations	Times Pro
43	SREELEHA K R	1.Employability skills jobready and employability skills jobrise 2.Environmental Science	Wadhwani Foundation
44	THARANIYA M	1.Basic principles of hotel management and front office operations and basics of marketing communication	Times Pro
45	VARSHA K	1. Basic principles of hotel management and front office operations and basics of business statistics	Times Pro

46	SUBASRI	1.Basics of marketing communication and basics of business statistics	Times Pro
47	JOY ANJALIN	1.Basic principles of hotel management and front office operations and basics of marketing communication	Times Pro
48	KAVIPRIYA.E	Air Pollution and Control	SWAYAM
49	DHIYANA V P	1.Human behaviour 2. Language and Mind	SWAYAM
50	HARINI S	Enhancing Softskills and personality	SWAYAM
51	JEYASELVI M	Complete guide for campus interviews: Step by step preparation for Internships and Full-time jobs.	SWAYAM
52	MADHUMITH A. Y	Complete guide for campus interviews: Step by step preparation for Internships and Full-time jobs.	SWAYAM
53	MEENAKSHI. R	Enhancing soft skills and personality	SWAYAM
54	SEMMOZHI K	Enhancing soft skills and personality	SWAYAM
55	SWATHI V	Enhancing soft skills and personality	SWAYAM
56	ASHIKA M	Enhancing soft skills and personality	SWAYAM
57	DIANA MERLIN.J	1.Adolescent Health and Well being: A Holistic Approach 2.Soft Skill Development	SWAYAM
58	SHALINI M	1.Soft Skill Development 2.Effective Engineering Teaching in Practice	SWAYAM
59	JOSE SILVIYA J	Soft Skill Development	SWAYAM
60	SHERLIN J	Effective writing	SWAYAM

3.10 STUDENT PLACEMENT

S.No	Name	Batch	Designation	Name of the Institution
1	Zumana Haseen	2022-2025	Junior Trainer-Language and Soft Skills	Tedora Techno Labs
2	Joyce Brightlin K	2023 - 2025	Maths Teacher	Sri Chaitanya techno school
3	Nagomi R	2023-2025	Maths mentor	Face prep
4	Ayisha Fenoon A.M	2023-2025	Maths mentor	Face prep
5	SHERLIN J	2023-2025	System and Application Services Associate	Accenture
6	Amudha R	2022-2025	Forte	Tele Caller
7	Sreevartini P	2022-2025	5K Cars	CRE
8	Thilaga S	2022-2025	5K Cars	CRE

COMMUNITY SERVICE

S. No	Name of the student	Class	Institution where community service was carried out	Time/Details of Community service
1	AMMU P	II BSC MATHEMATICS (AIDED)	Clara olive polio home melur	<u>5days</u>

2	CLARA J CATHERINE ROSE	II BSC MATHEMATICS (AIDED)	CSI Good Shepherd Matri. Hr. Sec. School	5 Days
3	DEVAKI A	II BSC MATHEMATICS (AIDED)	MISSIONARIES OF CHARITY	8 DAYS
4	DHARANI J	II BSC MATHEMATICS (AIDED)	PM Medical Center	5 Days
5	DHARSHINI K	II BSC MATHEMATICS (AIDED)	MISSIONARIES OF CHARITY	8 DAYS
6	GAYATHRI G	II BSC MATHEMATICS (AIDED)	CCMA Govt Girls Higher Secondary School	5 Days
7	KARTHIKA M	II BSC MATHEMATICS (AIDED)	C1 Kattor Traffic Police Station	6 Days
8	LASHYA G	II BSC MATHEMATICS (AIDED)	D1 puliyakulam police station coimbatore	5 Days
9	MADHUMITHA A	II BSC MATHEMATICS (AIDED)	D1 Puliyakulam Traffic Police Station	5 Days
10	MADHUSHRI S	II BSC MATHEMATICS (AIDED)	Canaan charitable trust	5Days

11	MITHRASHREE N	II BSC MATHEMATICS (AIDED)	C1 Kattor Traffic police Station	6 Days
12	MOULIKA R	II BSC MATHEMATICS (AIDED)	SRRE Alagar Clinic	5 Days
13	MUNEESWARI C	II BSC MATHEMATICS (AIDED)	Town hall Police station Coimbatore	5 Days
14	NEHA P A	II BSC MATHEMATICS (AIDED)	MANBAUL ULOOM MATRIC HR.SEC.SCHOOL	5 Days
15	NITHYALAKSHMI K	II BSC MATHEMATICS (AIDED)	Shine Academy tusion center vadavalli	5 days
16	NUHA FATHIMA N	II BSC MATHEMATICS (AIDED)	CCMA Govt Girls Higher Secondary School	5 Days
17	SANTHASRI K	II BSC MATHEMATICS (AIDED)	Canaan charitable trust	5Days
18	SHOBIIKA M	II BSC MATHEMATICS (AIDED)	Town hall Police station Coimbatore	5 Days
19	SREELEHA K R	II BSC MATHEMATICS (AIDED)	C1 Kattor Traffic Police Station	6 Days

20	THARANIYA M	II BSC MATHEMATICS (AIDED)	MISSIONARIES OF CHARITY	8 DAYS
21	SUBASRI K	II BSC MATHEMATICS (AIDED)	YUVAK VIKAS KENDRA OLD AGE HOME	7 DAYS
22	JOY ANJALIN S	II BSC MATHEMATICS (AIDED)	SUDHA PARAMACY	5 DAYS
23	AKSAYAA E	III B.Sc Mathematics	You can charitable trust	5 days
24	ANSIYA M Y	III B.Sc Mathematics	Puliakulam Thiyaga Oli Sudar Mahalir Mandram	5 days
25	ARTHIKA DHARSHINI.G	III B.Sc Mathematics	St Giuseppe Moscati Psycho Social Rehabilitation Centre	10 Days
26	ASHWINI	III BSc Mathematics	Anbu Illam	5 Days
27	DHIYANA V P	III BSc Mathematics	Don Bosco Anbu Illam	5 days
28	DIVYA BHARATHI	III BSc Mathematics	Missionaries of Charity	6 days

29	GOWSALYA	III BSc Mathematics	Anbu illam	5 days
30	SR. GRACY	III B.Sc Mathematics	Puliakulam Thiyaga Oli Sudar Mahalir Mandram	5 days
31	HARINI	III BSC Mathematics	Don Bosco Anbu Illam	5 Days
32	JENOVA. S	III BSc Mathematics	Don Bosco Anbu Illam	5 days
33	JEYASELVI	III BSc Mathematics	Missionaries of Charity	6 days
34	MADHUMITA	III BSc Mathematics	Missionaries of Charity	6 days
35	MEENAKSHI.R	III B.Sc Mathematics	Universal peace foundation	4 days
36	MUTHULAKSHMI M	III B.Sc Mathematics	Puliakulam Thiyaga Oli Sudar Mahalir Mandram	5 days
37	SR PHILOMINI	III B.Sc Mathematics	St.Mary Magdalene Church	13 days

38	PRIYADARSHINI.P	III BSC Mathematics	Don Bosco Anbu Illam	5 Days
39	REENA	III BSC Mathematics	Anbu illam	5 days
40	SATHYAPRIYA	III BSc Mathematics	Missionaries of Charity	6 days
41	SEMMOZHI	III BSc Mathematics	Anbu illam	5 days
42	STEFFY MARGREAT A	III BSC Mathematics	Don Bosco Anbu Illam	5 Days
43	SWATHI.V	III BSC Mathematics	Anbu illam	5 Days
44	THAMARI J	III B.Sc Mathematics	Neyam mudhiyor illam	10 days
45	PRIYADARSHINI.G	III B.Sc Mathematics	Universal peace foundation	4 Days
46	BRINDHA.M	III B.Sc Mathematics	Universal peace foundation	5 days

47	VIKASHNI M	III BSC Mathematics	Don Bosco Anbu Illam	5 Days
48	ASHIKA M	III B.Sc Mathematics	Puliakulam Thiyaga Oli Sudar Mahalir Mandram	5 days

4. CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

4.1.2 STUDENT PARTICIPATION IN INTERCOLLEGiate/INTERDEPARTMENTAL COMPETITIONS

S. N o	Date	Event	Organized by	Students name	Participated / won
1.	11.12.24	Bharathiar vizha	Department of Tamil Development	Joeann A-II M.Sc Mathematics	Participated
2.	06.01.25	Speech Competition & Vivadha Medai	Department of Library	Joeann A- II M.Sc Mathematics	I Prize
3.	07.01.25	Instant Haiku	Department of Library	Aysha Fenoon - II M.Sc Mathematics	I Prize

4.1.3 STUDENTS' PARTICIPATION IN CULTURAL/EXTRA CURRICULAR ACTIVITIES AND PRIZES

S. No	Date	Name	Event	Participatio n/ Prize	Organizing Committee
1.	06.07.24	Sr.Philomini	Singing and Speech Competition	Participated	Sri Nehru Maha Vidhyalaya

2.	25.08.24	Thamari .I & Divya Bharathi- II B.Sc Maths(Aided)	Rangoli Competition	I Prize	Seon-24, Department of Management Studies,Nirmala College for Women
3.	10.09.24	Joeann.A	Poem Writing Competition	I Prize	Collegiate Of Education
4.	11.09.24	I B.Sc Maths(Aided) 1. Aysha Mirsha.S 2.Dharani.J 3.Neha.P.A 4.Clara J Catherine RoseiL 5.Moulika.R 6.Nuha Fathima.N 7.Dharsini.X 8.Lashya.G 9.Karthika.M10.V arsha.X	Ideathon	Participated	NISP,Nirmala College for Women

5.	11.09.24	III B.Sc Maths(Aided) 1.R. Amudha 2.R. Danya 3.Gnana ilakiya 4.Jesica Christina.P.X 5.Jovi.Y 6. Lourdis Femi.Y 7.Rithika Jaqueline M 8.Surega.P 9.Thilaga.S 10. Zumana Haseen.I	Ideathon	Participated	NISP,Nirmala College for Women
6.	28.09.24	II B.Sc Maths(Aided) 1.I.Thamarai 2.H.Jeya Selvi 3.Dhiyana V.P	Debate Competition	Participated	Bishop Appasamy College,Coimbatore
7.	03.12.24	Jenova	Scavanger Book Hunt	III Prize	Department of Library

8.	16.12.24	II B.Sc Mathematics 1.Dhiyana.V.P 2.Jenova.S 3. Jeyaselvi.M 4. Priyadharshini. G 5.Swathi.V 6. Thamari.J	Excelsior - Literary Parade	Special Prize	Department of English (Aided)
9.	17.12.24	Thamari - II B.Sc Mathematics	Excelsior - Collage Making	III Prize	Department of English (Aided)
10.	17.12.24	1.Dhivya Bharathi - II B.Sc Mathematics 2.Thamari - II B.Sc Mathematics	Rangoli	I Prize	Seon24
11.	08.01.25	Maria Pousteena - II M.Sc Mathematics	Group Dance	I Prize	Pongal Celebration

12.	08.01.25	II B.Sc Mathematics 1.Aswini Priya 2.Jenova.S 3. Jeyaselvi.M 4. Brinda 5.Swathi.V 6. Thamari.J 7.Kowsalya	Drama	I Prize	Pongal Celebration
13.	08.01.25	Joeann - II M.Sc Mathematics	Drama	II Prize	Pongal Celebration

EXTENSION ACTIVITIES
5. OTHER EXTENSION ACTIVITIES OF THE DEPARTMENT

S. No.	DATE	ACTIVITY	PLACE	NO. OF BENEFICIARIES
1.	22.07.24	St.Mary's Higher Secondary School	Coimbatore	70
2.	22.07.24	Presentation Convent Girls Higher secondary School	Coimbatore	80
3.	24.07.24	Nirmala Matriculation Higher Secondary School	Coimbatore	80