

Department of Mathematics— AY 2025-26

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	05-MAR-26	Dr. P. Loganayaki Assistant Professor Avinashilingam Home Science and Higher Education for Women Coimbatore	Application of Mathematics in Modern Life
2	22-DEC-25	Dr. P. Chinnaraj Associate Professor PSG Institute of Technology and Applied Research Coimbatore	Exploring Mathematical Foundation of AI: Matrices, Multiple Integrals and Differential Equations

Workshops / Hands on Training

S. No.	Date	Name and Designation of the Resource Person	Topic
1	30-JAN-26	Dr. K. Pradeepa Veerakumari Associate Professor Department of Statistics Bharathiar University Coimbatore	SPSS for Data-Driven Insights
2	08-JAN-26	Dr. R. Krishnasamy Department of Applied Mathematics and Computer Sciences PSG College of Technology Coimbatore	MATLAB for Scientific Computing and Simulation
3	29-JAN-25	K.N. Rahul Krishna	Data Analysis using Power BI

		Data Analyst ATS Accent Techno Soft Coimbatore	
4	21-NOV-25	Mr. Deepak Ravikumar Director Cybervault Innovations & Technology Pvt. Lmt. Singapore	Smart Commerce through Mathematics & AI
5	20-NOV-25	Mr. Thiyagarajan Palanisamy COO & CO Founder Learnlike Coimbatore	AI Revolution in Life Sciences
6	19-NOV-25	Mr. Deepak Ravikumar Director Cybervault Innovations & Technology Pvt. Lmt. Singapore	Integrating Mathematical Thinking into AI & Intelligent Computing

Co-curricular Activities

S.No	Date	Name of the Event
1	24-JAN-26	MATH FEST 2K26 (An Inter Collegiate Event)
2	24-JAN-26	Math Meets Fashion 2026 (An Inter Departmental Event)
3	13-DEC-25	MATH FEST 2K26 (An Inter Departmental Event)

Student Development Programme

S. No.	Date	Title	Resource Person
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1	30-AUG-25	Sustainable Living: Small Changes Big Impact	P. Srinivi II M.Sc. Mathematics
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Alumni Interaction

S. No.	Date	Title	Alumni
1	14-MAR-26	Problem Solving and Ideation for Entrepreneurs	Ms. G. Vidya Founder & Owner Sri Velvannam Clothing Brand Avinashi
2	19-JAN-26	Career Trends in Current Scenario	Mr. M. Manobharathi ICRF(Internal Audit) Volvo Bangalore
3	13-SEP-25	Creating Awareness on Career Progression	Ms. Yashaswini Packaged App development Associate Accenture Bangalore.
4	23-AUG-25	Best Strategy for Competitive Examinations	Ms. C. Madhumila Assistant Manager Central Bank of India Coimbatore.

Department Achievements

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	29-MAR-26	Dr. S. Manimekalai	Sir. C.V. Raman Award- II nd Place	Vaagai Tamil Sangam- Sigaram Award
2	29-MAR-26	Dr. S. Gokilamani	Sir. C.V. Raman Award	Vaagai Tamil Sangam- Sigaram Award

3	12-MAR-26	Dr. S. Mathan kumar	Reviewer	Journal of Discover Mechanical Engineering
4	04-MAR-26	Mr. D. Sundar	Appreciation of TNTET 2025 exam Cleared	Dr. N.G.P. Arts and Science College
5	04-MAR-26	Mr. D. Sundar	Innovation Ambassador Training-Foundation Level	MoE's Innovation Cell & AICTE
6	02-MAR-26	Dr. S. Manimekalai	Innovation Ambassador Training-Advanced Level	MoE's Innovation Cell & AICTE
7	2025-2026	Dr. S. Manimekalai	Certificate of Excellence in Peer Reviewing	BP International
8	2025-2026	Dr. S. Manimekalai	Certificate of Excellence in Peer Reviewing	Cardiology and Angiology: An International Journal
9	12-FEB-26	Dr. S. Kannaki	Reviewer	Journal of Engineering Research and Sciences
10	12-FEB-26	Dr. S. Kannaki	Reviewer	Advances in Science, Technology and Engineering Systems Journal
11	28-JAN-26	Ms. R. Anandhi	Editorial Board Member	Journal of Academic Trends and Innovative Research
12	23-JAN-26 – 24-JAN-26	Ms. R. Anandhi	Organizing Committee	Two day International Research Conference on “Digital Innovation and Transformation with emerging Trends for Sustainable Development”
13	07-JAN-26	Mr. D. Sundar	Appreciation of Staff Exchange Program	Vellalar College for Women
14	06-JAN-26	Ms. R. Anandhi	Reviewer	International Journal of Engineering Research & Technology
15	DEC 2025	Ms. M. Vinitha	Reviewer	International Journal of Innovative Research in Technology
16	18-DEC-25	Ms. M. Vinitha	Reviewer	RSIS International Journal
17	10-DEC-25	Ms. M. Vinitha	Editorial Board Member	Journal of Academic Trends and Innovative Research
18	22-DEC-25	Dr. S. Kannaki	Resource Person	Sri Sai Ranganathan Engineering College
19	18-DEC-25	Dr. S. Kannaki	Resource Person	Karpagam Academy of Higher Education
20	23-NOV-25-	Dr. S. Manimekalai	Resource Person	Jai Shivaasni Educational Trust, Tenkasi &

	26-NOV-25			Nirmala College for Women, Coimbatore
21	26-JUN-25	Dr. R. Sowrirajan	Reviewer	Springer Nature
22	22-JUL-25	Dr. R. Sowrirajan	Resource Person	VET Institute of Arts And Science
23	29-JUL-25	Dr. R. Sowrirajan	Resource Person	Bharathiar University, Coimbatore
24	20-AUG-25	Dr.S. Manimekalai	Reviewer	Asian Journal of Case Reports in Surgery
25	25-AUG-25	Dr.S. Manimekalai	Resource Person	Kaamadhenu Arts and Science College

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	17-DEC-25 – 18-DEC-25	Mr. M. Santhosh Kumar	International Conference on Innovation Research & Development	Hindusthan College of Arts and Science, Coimbatore
2	17-DEC-25 – 18-DEC-25	Mr. A. Sethupathi	International Conference on Innovation Research & Development	Hindusthan College of Arts and Science, Coimbatore
3	15-DEC-25	Mr. A. Sethupathi	National Level Online Hands on Workshop on MATLAB & SCILAB	Infinity Research & Development Isntitute & Indian Mathematics Professors Association
4	24-NOV-25 – 29-NOV-25	Mr. M. Santhosh Kumar	ATAL FDP- Exploratory Data Analytics (EDA) Tools and Techniques	AICTE (All India Council for Technical)
5	24-NOV-25 – 29-NOV-25	Dr. S. V Arokia Pratheesha	ATAL FDP- Exploratory Data Analytics (EDA) Tools and Techniques	AICTE (All India Council for Technical)
6	24-NOV-25 – 29-NOV-25	Dr. R. Sindhu	ATAL FDP- Exploratory Data Analytics (EDA) Tools and Techniques	AICTE (All India Council for Technical)
7	24-NOV-25 – 29-NOV-25	Ms. A. Thamilpriya	ATAL FDP- Exploratory Data Analytics (EDA) Tools and Techniques	AICTE (All India Council for Technical)
8	19-NOV-25 – 26-NOV-25	Ms. R. Anandhi	FDP- Outcome Based Education and Application of Generative AI in Teaching and Research	St. John Technical & Educational Campus, Palghar & ipsr solutions limited
9	17-NOV-25 – 22-NOV-25	Mrs. M. Vinitha	ATAL FDP- Next-Gen Cybersecurity: Challenges and Strategies in the AI Era	AICTE (All India Council for Technical)

10	17-NOV-25 – 22-NOV-25	Dr. S. Kannaki	ATAL FDP- Next-Gen Cybersecurity: Challenges and Strategies in the AI Era	AICTE (All India Council for Technical)
11	15-NOV-25	Ms. R. Anandhi	FDP- Advanced AI Tools for outcome - Based Education as per NEP 2021	Sanketika Vidya Parishad Engineering College, Visakhapatnam
12	27-OCT-25 – 11-NOV-25	Ms. R. Anandhi	ATAL FDP- Artificial Intelligence: Concepts, Tools and Emerging Applications	AICTE (All India Council for Technical)
13	06-OCT-25 – 11-OCT-25	Dr. S. Gokilamani	ATAL FDP- Developing Future Ready Educator for the NEP 2020 Vision	AICTE (All India Council for Technical)
14	06-OCT-25 – 11-OCT-25	Dr. S. Manimekalai	ATAL FDP- Developing Future Ready Educator for the NEP 2020 Vision	AICTE (All India Council for Technical)
15	18-AUG-25 – 22-AUG-25	Dr. S. Manimekalai	FDP- AI for Educators-2025	Swayam Plus, Ministry of Education
16	02-SEP-25	Dr. R. Sindhu	State Level Workshop – Fluid Dynamics for the Future: A Workshop from Basics to Innovation.	Kaamadhenu Arts and Science College
17	15-SEP-25 – 20-SEP-25	Dr. R. Sowrirajan	ATAL FDP- Next-Gen Computing: From Mathematical Models to AI in Computer Vision	AICTE (All India Council for Technical)
18	23-JUN-25 – 27-JUN-25	Dr. P. Umadevi	National Workshop- Application Development with AI and Essential Skills	AICTE (All India Council for Technical)
19	23-JUN-25 – 27-JUN-25	Dr. S. Kannaki	National Workshop- Application Development with AI and Essential Skills	AICTE (All India Council for Technical)
20	23-JUN-25 – 27-JUN-25	Ms. M. Vinitha	National Workshop- Application Development with AI and Essential Skills	AICTE (All India Council for Technical)
21	02-JUN-25 – 06-JUN-25	Dr. R. Sowrirajan	Training Program- Capacity Building Programme On Cybersecurity	Ministry of Education, Govt of India
22	04-AUG-25 – 13-AUG-25	Dr. R. Sindhu	NEP orientation & Sensitization	Ministry of Education, Govt of India
23	04-AUG-25 – 13-AUG-25	Dr. S. V Arokia Pratheesha	NEP orientation & Sensitization	Ministry of Education, Govt of India
24	04-AUG-25 –	Dr. P. Umadevi	FDP - Generative AI	AICTE (All India Council for Technical)

	08-AUG-25			
25	04-AUG-25 - 08-AUG-25	Dr. S. Kannaki	FDP - Generative AI	AICTE (All India Council for Technical)
26	04-AUG-25 - 08-AUG-25	Ms. M. Vinitha	FDP - Generative AI	AICTE (All India Council for Technical)
27	04-AUG-25 - 08-AUG-25	Ms. A. Thamilpriya	FDP - Generative AI	AICTE (All India Council for Technical)
28	04-AUG-25 - 09-AUG-25	Dr. S. Gokilamani	Short term Program - Train The Teachers	Ministry of Education, Govt of India
29	04-AUG-25 - 09-AUG-25	Ms. R. Anandhi	Short term Program - Train The Teachers	Ministry of Education, Govt of India
30	04-AUG-25 - 09-AUG-25	Dr. S. Manimekalai	Short term Program - Train The Teachers	Ministry of Education, Govt of India

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/ SSCI/ Scopus
1	Dr. S. Mathankumar	Neuro-QFLC: A Hybrid Neural-Fuzzy Controller for Safe, Real-Time EHD Thermal Regulation	International Journal of Mechanical Engineering	Feb 2026 Volume 13 Issue 2, P.No. 33-46	0.2	Scopus
2	Dr. S. Manimekalai	Intelligent and Energy-Efficient Thermal Regulation using Adaptive Quadratic Fuzzy Logic-Controlled Electro hydro dynamic Environmental Schemes for Microelectronic Cooling Applications	International Journal of Mechanical Engineering	Feb 2026 Volume 13 Issue 2 P.No. 47-62 2348-8360	0.2	Scopus
3	Dr. S. Kannaki	Holistic Value Formation In Early Indian Education Systems	One Day Conference on Indian Knowledge	Jan 2026	-	Conference Proceedings

			Systems: Rediscovering the Roots of Timeless Wisdom	P.No. 278-282 978-93-5619-426-7		
4	Ms. M. Vinitha	Philosophical Foundations and Pedagogical Practices of Ancient Indian Education	One Day Conference on Indian Knowledge Systems: Rediscovering the Roots of Timeless Wisdom	Jan 2026 P.No. 283-287 978-93-5619-426-7	-	Conference Proceedings
5	Ms. M. Vinitha	Advances in Computational Biology: A Comprehensive Review of Emerging Technologies and Applications	Journal Of Academic Trends & Innovative Research	Jan 2026 Volume 1 Issue 2 P.No. 1-13 211-140110-001	-	Peer Reviewed
6	Dr. S. V. Arokia Pratheesha	Tetra Neutrosophic Set	International Journal of Creative Research Thoughts	Jan 2026 Volume 14 Issue 1 P.No. 691-697 2320-2882	7.97	Peer Reviewed
	Dr. S. Manimekalai	Revan Topological Indices of Quadrilateral Snake Graphs: Polynomial Formulations, Python Implementation, and Applications	The Nepali Mathematical Sciences Report	Dec 2025 Volume 42 Issue 2 P.No. 162-177 2392-411X	0.182	Peer Reviewed
7	Dr. S. Manimekalai	Outcome Based Education- Focusing on Learning Not Just Outcomes	2 nd Global Summit on Science and Social Sciences	Nov 2025 P.No 21-23 978-81-989640-0-7	-	Conference Proceedings
8	Ms. M. Vinitha Dr. P. Umadevi	Resolvent Operator Approach to the Existence and Uniqueness of Mild Solutions for Fractional Integro-	Journal of Dalian University of Technology	Nov 2025 Volume 32, Issue 10,	0.7	Scopus

		Delay Differential Equations with Nonlocal Boundary Terms		P.No. 989-1004		
9	Dr. S. Mathankumar	Neuro-QFLC: A Hybrid Neural-Fuzzy Framework for EHD Thermal Regulation under Joule Heating Constraints	International Journal of Mechanical Engineering	Oct 2025 Volume 12 Issue 10, P.No. 10-21	0.2	Scopus
10	Dr. R. Sindhu	Magneto hydro dynamic Unsteady Convective Heat and Mass Transfer along a Semi-Infinite Permeable Vertical Plate with Heat Absorption	International Journal of Latest Technology in Engineering, Management & Applied Science	Oct 2025 Volume 14 Issue 10 P.No. 377-385 2278-2540	2.115	Peer Reviewed
11	Dr. R. Sowrirajan	Thermodynamic Modeling of Hashtag Dynamics for Social Media Clustering: A Maxwell-Boltzmann Approach	IEEE Access	Aug 2025 Volume 13, 2025, 145556-145571 2169-3536	3.6	Science Citation Index Expanded & Scopus
12	Dr. R. Sowrirajan	Beyond Precision and Recall: Measuring Search Engine Consistency Using Rank Stability	IEEE Access	Jul 2025; 13, pg no :92242-92259 2169-3536	3.6	Scopus
13	Dr. S. Manimekalai	Analysing centrality measures for key node identification in candida glabrata protein networks	Indian Journal of Microbiology Research	Jul 2025; 12(2) Pg no 221–229 2394-5478	0.9	Scopus
14	Dr. R. Sowrirajan	Exploration of Casson hybrid nanofluid (Cu –Al ₂ O ₃ /EG) flow over an exponentially heated stretchy sheet with radiation absorption and viscous dissipation: A modified Buongiorno model	International Journal of Thermofluids	Jun 2025; 28 (2025) 101301 pg no 1-13 2666-2027	2.232	Scopus

15	Dr. S. Gokilamani	A Hybrid Convolutional Neural Network- Temporal Attention Mechanism Approach for Real-Time Prediction of Soil Moisture and Temperature in Precision Agriculture	(IJACSA) International Journal of Advanced Computer Science and Applications	May 2025 Vol. 16, No. 5, pg no : 576-585 2156-5570	0.9	Scopus
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Students Publication

S. No.	Name of the Student	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/ UGC/ SSCI/ Scopus
1	Preethika S. K.	Advances in Computational Biology: A Comprehensive Review of Emerging Technologies and Applications	Journal Of Academic Trends & Innovative Research	Jan 2026 Volume1, Issue 2	-	Peer Review
2	Abarna D.	Unveiling Price Patterns in the Automotive Market Through Regression Analysis	International Journal of Scientific Research and Engineering Development	Aug 2025 pg no :837-842 2581 - 7175	-	Peer Review
3	Usha R, Vijiyalakshmi V.	Enhancing Business Profitability Through Regression-Based Sales Forecasting	International Journal of Scientific Research and Engineering Development	Aug2025; pg no :938-942 2581 - 7175	-	Peer Review
4	Srinivi P, Preethika S. K.	Data-Driven Real Estate Valuation: A Case Study Integrating Linear Regression and Random Forest Models	International Journal of Scientific Research and Engineering Development	Apr 2025; Volume 13, Issue 4 pp 9192-9198 2320-9801	-	Peer Review

Students Participation

S. No.	Date	Name of the Student	Name of the Event	Institution Name	Place
1	13-MAR-26	Sanjay Christopher. C II B.Sc Mathematics	Paper presentation	KPR Institute of Engineering and Technology	Participation
2	13-MAR-26	Devika. S I M.Sc Mathematics	Paper presentation	KPR Institute of Engineering and Technology	Participation
3	13-MAR-26	Priyadharshini. K I M.Sc. Mathematics	Paper presentation	KPR Institute of Engineering and Technology	Participation
4	13-MAR-26	Madhumithra. M I M.Sc. Mathematics	Paper presentation	KPR Institute of Engineering and Technology	Participation
5	04-MAR-26	Kavyasri. A II B.Sc Mathematics	Proficiency Award	Dr.N.G.P. Arts and Science College	Award Winner
6	04-MAR-26	Abarana D II M.sc. Mathematics	Proficiency Award	Dr.N.G.P. Arts and Science College	Award Winner
7	04-MAR-26	Preethika. S. K II M.sc. Mathematics	Star Performer	Dr.N.G.P. Arts and Science College	Award Winner
8	04-MAR-26	Manoj. S II B.Sc Mathematics	Competitive Exams Cleared	Dr.N.G.P. Arts and Science College	Award Winner
9	04-MAR-26	Saranya. G II B.Sc. Mathematics	Competitive Exams Cleared	Dr.N.G.P. Arts and Science College	Award Winner
10	03-MAR-26	Danya. S I M.Sc Mathematics	Student Interaction Programme	National Statistics Office, Govt. of India	Participation
11	03-MAR-26	Priyadharshini. K I M.Sc. Mathematics	Student Interaction Programme	National Statistics Office, Govt. of India	Participation
12	03-MAR-26	Madhumithra. M I M.Sc. Mathematics	Student Interaction Programme	National Statistics Office, Govt. of India	Participation
13	27-FEB-26 – 28-FEB-26	Kavya Sri. A II B.Sc Mathematics	Circuit Debugging	KalaignarKarunanidhi Institute of Technology	3 rd Prize
14	27-FEB-26 –	Manoj. S	Circuit Debugging	KalaignarKarunanidhi Institute of Technology	Participation

	28-FEB-26	II B.Sc Mathematics			
15	27-FEB-26 – 28-FEB-26	Dhiya Bharathi. K II B.Sc. Mathematics	Circuit Debugging	KalaignarKarunanidhi Institute of Technology	Participation
16	27-FEB-26 – 28-FEB-26	Manoj. S II B.Sc Mathematics	Paper Presentation	KalaignarKarunanidhi Institute of Technology	Participation
17	27-FEB-26 – 28-FEB-26	Indhu Priya. V II B.Sc Mathematics	Paper Presentation	KalaignarKarunanidhi Institute of Technology	Participation
18	27-FEB-26 – 28-FEB-26	Namrudaa. C. V II B.Sc Mathematics	Paper Presentation	KalaignarKarunanidhi Institute of Technology	Participation
19	27-FEB-26 – 28-FEB-26	Saranya. G II B.Sc Mathematics	Paper Presentation	KalaignarKarunanidhi Institute of Technology	Participation
20	27-FEB-26 – 28-FEB-26	Gopika Sri. K II B.Sc Mathematics	Paper Presentation	KalaignarKarunanidhi Institute of Technology	Participation
21	27-FEB-26 – 28-FEB-26	Kavya Sri. A II B.Sc Mathematics	Paper Presentation	KalaignarKarunanidhi Institute of Technology	Participation
22	12-FEB-26	Manoj. S II B.Sc. Mathematics	Hunt for EL-Dorado	Dr. N. G. P. Arts and Science College	3rs Prize
23	02-JAN-26	Vijayalakshmi V II M.sc. Mathematics	Math Sketch & Sudoku	Vellalar College for Women	Participation
24	02-JAN-26	Abarna D II M.sc. Mathematics	Math Quiz & Treasure Hunt	Vellalar College for Women	Participation
25	02-JAN-26	Preethika S. K II M.sc. Mathematics	Math Quiz & Treasure Hunt	Vellalar College for Women	Participation
26	02-JAN-26	Srinivi P II M.sc. Mathematics	Treasure Hunt & Sudoku	Vellalar College for Women	Participation
27	02-JAN-26	Usha R II M.sc. Mathematics	Math Sketch & Sudoku	Vellalar College for Women	Participation
28	22-JAN-26	Srinivi P II M.sc. Mathematics	Master Mind	Kongunadu Arts and Science College	1 st Prize
29	22-JAN-26	Bharatheswar D III B.sc. Mathematics	Math Sketching	Kongunadu Arts and Science College	Participation

30	22-JAN-26	Arokiyajebastin J III B.sc. Mathematics	Action with reaction	Kongunadu Arts and Science College	Participation
31	22-JAN-26	Archana K III B.sc. Mathematics	Math Sketching	Kongunadu Arts and Science College	Participation
32	22-JAN-26	Abarana D II M.sc. Mathematics	Action with reaction	Kongunadu Arts and Science College	Participation
33	22-JAN-26	Usha R II M.sc. Mathematics	Action with reaction	Kongunadu Arts and Science College	Participation
34	22-JAN-26	Preethika S. K II M.sc. Mathematics	Action with reaction	Kongunadu Arts and Science College	Participation
35	16-JAN-26 – 26-JAN-26	Kavya Sri. A	NSS Volunter	State Republic Day Parade Camp 2026, Chennai	Participation
36	05-DEC-25	Kavya Sri. A	Declamation	Ministry of Youth Affairs & Sports, Govt of India, Tamil Nadu State Cell, My Bharat, Bharathiar University & Ramakrishna College of Arts and Scienc	Participation
37	21-DEC-25	Srinivi P II M.sc. Mathematics	Out of the Box Thinking Through Mathematics, Level 2	IITM Pravartak Technologies	Grade D
38	19-DEC-25	Usha. R II M.Sc. Mathematics	Mobile Photography	Dr.N.G.P. Arts and Science College	2 nd Prize
39	19-SEP-25	Abirami. S II-B.sc. Mathematics	Rook polynomial	Sri Ramakrishna Mission Vidyalaya Arts and Science College	Participation
40	19-SEP-25	Manoj.S II-B.sc. Mathematics	Paper presentation	Sri Ramakrishna Mission Vidyalaya Arts and Science College	Participation
41	19-SEP-25	Danya.S I-M.sc. Mathematics	Rook polynomial	Sri Ramakrishna Mission Vidyalaya Arts and Science College	Participation
42	19-SEP-25	Devika.S I-M.sc. Mathematics	Paper presentation	Sri Ramakrishna Mission Vidyalaya Arts and Science College	3 rd Prize
43	19-SEP-25	Priyadharshini.K I-M.sc. Mathematics	Rook polynomial	Sri Ramakrishna Mission Vidyalaya Arts and Science College	Participation

44	25-AUG-25	Preethika S.K II-M.Sc. Mathematics	AIML using Python	Swayam Plus	Scored 50%
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Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	06-MAR-26 – 07-MAR-26	Dr. P. Umadevi	National Conference on Partial Differential Equations and Applications	Numerical Analysis of Convection Heat Transfer in Square Enclosures- A Finite Volume Approach	Periyar University, Salem
2	26-FEB-26 – 28-FEB-26	Dr. R. Sindhu	International Conference on Mathematical Science, Big Data and Inter disciplinary Research	MHD Darcy-Forchheimer Flow of Hybrid Nano Fluid over Exponential Shee: Thermal Radiation and Thrmophoresis Effects	PSGR Krishnammal College for Women, Coimbatore
	26-FEB-26 – 28-FEB-26	Ms. A. Thamilpriya	International Conference on Mathematical Science, Big Data and Inter disciplinary Research	Comparative Study on Statistical Data Analysis with Topological Data Analysis	PSGR Krishnammal College for Women, Coimbatore
3	26-FEB-26 – 28-FEB-26	Dr. S. V Arokia Pratheesha	International Conference on Mathematical Science, Big Data and Inter disciplinary Research	Topsis Approach for Madm Based on Quadripartitioned Single Valued Neutrosophic Refined Hamacher Aggregation Operations	PSGR Krishnammal College for Women, Coimbatore
4	17-FEB-26 – 18-FEB-26	Dr. S. Mathankumar	International Conference on Applied Mathematics	Mathematical Modelling for Ebola Epidemic Transmission with Vaccination Strategy	St. Joseph's College, Tiruchirappalli

5	12-FEB-26 – 13-FEB-26	Dr. P. Umadevi	International Conference on Emerging Innovations in Computational Mathematics Modelling for Engineering and Applications	A Study on Cooling Effectiveness of Convection in Enclosure with Heat Generating Body	SRM Institute of Science and Technology, Tiruchirapalli
	23-JAN-26 – 24-JAN-26	Ms. R. Anandhi	Two day International Research Conference on “Digital Innovation and Transformation with emerging Trends for Sustainable Development”	Digital Transformation in Banking Services: A Customer Perspective	Dr.N.G.P. Arts and Science College
6	07-JAN-26 – 09-JAN-26	Dr. S. Manimekalai	7 th International Conference on Mobile Computing and Sustainable Informatics	Smart Thermal-Aware Task Offloading Model for Energy Optimization in Distributed Edge-Cloud Data Centre Networks	Purbanchal University, Nepal
7	07-JAN-26 – 09-JAN-26	Dr. R. Sindhu	7 th International Conference on Mobile Computing and Sustainable Informatics	Smart Thermal-Aware Task Offloading Model for Energy Optimization in Distributed Edge-Cloud Data Centre Networks	Purbanchal University, Nepal
8	30-JAN-26 – 31-JAN-26	Dr. P. Umadevi	International Conference on Recent Trends in Bio Statistics, Data Science and their Applications	Application of Statistical Quality Control in Thermal processing of Food	Manonmaniam Sundaranar University, Thirunelveli.
9	27-DEC-25 – 29-DEC-25	Ms. R. Anandhi	Global Conference on Computational Mathematics and Intelligent Engineering Applications	Extended Topology and its Applications in Medical Field	Thammasat University, Thailand
10	17-DEC-25 – 18-DEC-25	Ms. M. Vinita	International Conference on Innovation Research & Development	Innovative Research Methodologies as a Tool for Academic Excellence	Hindusthan College of Arts and Science, Coimbatore.

				in Higher Education	
11	17-DEC-25 – 18-DEC-25	Dr. S. Kannaki	International Conference on Innovation Research & Development	Data Driven Innovation through Artificial Intelligence and Machine Learning	Hindusthan College of Arts and Science, Coimbatore
12	17-DEC-25 – 18-DEC-25	Ms. R. Anandhi	International Conference on Innovation Research & Development	Emerging Technologies and Future Innovation	Hindusthan College of Arts and Science, Coimbatore
13	23-NOV-25 – 26-NOV-25	DR.S. Manimekalai	2 nd Global Summit on Science and Social Sciences	Identifying Influential Proteins in Arthritis Covering Number	Jai Shivaasni Educational Trust, Tenkasi & Nirmala College for Women, Coimbatore

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	17-DEC-25 – 18-DEC-25	D. Abarna II M.Sc Maths	International Conference on Innovation Research & Development	Sustainable Development and Green Technologies	Hindusthan College of Arts and Science, Coimbatore
2	17-DEC-25 – 18-DEC-25	S.K. Preethika II M.Sc Maths	International Conference on Innovation Research & Development	A Comprehensive Review of Emerging Technologies and Applications	Hindusthan College of Arts and Science, Coimbatore
3	17-DEC-25 – 18-DEC-25	S. Praveen Kumar III B.Sc Maths	International Conference on Innovation Research & Development	Emerging Technologies and Future Innovation	Hindusthan College of Arts and Science, Coimbatore
4	17-DEC-25 – 18-DEC-25	K. Gopika sri, II B.Sc Maths & S. Praveen Kumar, III B.Sc Maths	International Conference on Innovation Research & Development	Artificial Intelligence an Machine Learning	Hindusthan College of Arts and Science, Coimbatore

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Book/ Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	FEB-26	Ms. R. Anandhi	Neutrosophic Set Theory	Writers Corner Publication	2026	978-81-99-8878-5-5
2	22-JAN-26	Dr. R. Sowrirajan Dr. S. Mathankumar	Mathematical Foundations of Artificial Intelligence	Stanzaleaf	2026	978-81-996229-0-6
3	AUG- 25	R.Anandhi	Current Approaches in Mathematics	Innovation Online Training Academy Publishers	2025	978-93-48990-37-2

Patent/ Copyrights Published

S.No	Date of Publication	Name of the Staff	Patent/ Copyrights	Title of the Patent/ Copyrights	Application Number
1	06-MAR-26	Ms. A. ThamilPriya Dr. S. V. Arokia Pratheesha	Patent	Machine Learning–Driven Early Warning Engine for Student Dropout Prediction in Higher Education Institutions	202621006257 A
2	08-FEB-26	Dr. S. Kannaki	Patent	Machine Learning–Based Mental Health Assessment and Depression Detection Device	6505143
3	09-JAN-26	Mr.A.Sethupathy	Patent	Machine learning -driven mart educvational analytics system for English language mastery and mathematical problem solving	202541134697 A
4	30-JAN-26	Ms.R. Anandhi	Patent	An Intelligent ML-Driven Cloud Framework for Automated Early-Stage Skin Cancer	202641004731 A

				Detection and Risk Stratification	
5	23-JAN-26	Dr.R.Sindhu	Patent	Deep learning -based framework for student mobile dependencyand learning effectiveness	202641001569 A
6	14-JAN-26	Dr. S. Manimekali	Patent	Machine Learning–Enabled IoT Framework for Real-Time Physico-Chemical Parameter Monitoring and Intel	202621005533
7	06-JAN-26	Dr. S. Mathankumar	Patent	CNN Based Device For Student Career Forecasting Device	6497303
8	30-JAN-26	Ms. M. Vinita	Patent	Graph Neural Network–Enhanced Route Optimization and Public Transport Scheduling For Smart Cities	202641006327 A
9	17-DEC-25	Dr.S.Gokilamani	Patent	AI-Powered voice-activated mathematics solving design	470060-001