

Department of Mathematics

Academic Year -2022-23

1. Workshop

S No.	Date	Event / Programme	Topic	Guest / Venue
1.	5 Nov -22	Workshop	Basics of Object Oriented Programming	Ms. Bharathi Anbarasan Assistant Professor (SG) Department of Computer Science with Data Analytics Dr. N. G. P. Arts and Science College Coimbatore-641048 . Venue-A Block Lab III

2. Guest Lecture/ Invited Lecture

S No.	Date	Event / Programme	Topic	Guest / Venue
1.	27-Aug-22	Guest Lecture	Graph Theory and its Applications	Dr. K. Akalyadevi, Assistant Professor, Department of Mathematics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. Venue: K Block Room No. 206

2.	23-Sep-22	Guest Lecture	Introduction to Research Methodology	Dr. R. Prabhakaran Assistant Professor and Head, PG & Research Department of Botany, PSG College of Arts and Science, Coimbatore Venue: A1 Block, KambarArangam
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3. Inter Department / Intra Department / Intercollegiate Events

S No.	Date	Event / Programme	Topic	Guest / Venue
1.	10.09.2022	. Inter Department	Math Fest 2022	Room No:K205
2.	09.03.2023	Inter Collegiate Competition	XTASY 2K23	Conference Center

4. Alumni Interaction

S No.	Date	Event / Programme	Topic	Guest / Venue
1	08.10.2022	Alumni Interaction	Significance of Decision Making	Ms. R. Anushya B. Sc., MBA., HR Recruiter- KG Invicta Services Pn. Ltd KGiSL Campus, Coimbatore.
2	29.10.2022	Alumni Interaction	Practice makes a man Perfect	Ms. G.Sangavi B.Sc., Online Tutoring Education Pvt Limited,Coimbatore.

3	11.02.2023	Alumni Interaction	Navigate Your Next	Mr.N.Navinkumar, System Engineer-Infosys Limited,Bengaluru,Karnataka. Mr.P.M. Pranesh Pwer bi/RAD Developer- Simplr Solutions(sg), Saravanampatti, Coimbatore.
4	11.11.2022	Alumni Interaction	Research and Development in Applied Mathematics	Mr.T.Kalimuthu M.Sc., Research Scholar- AppliedMathematics BharathiarUniversity, Coimbatore.
5.	28.01.2023	Alumni Interaction	Scope and Career Opportunities After UG and PG Mathematics	Ms.T.Kiruthika. M.Sc., Student Teacher-Mathematics, Dr.N.G.P College of Education, Coimbatore.

STUDENTS AND STAFF - PRESENTATION / PARTICIPATION (details where they have presented/participated)

A) Students Participation/ Presentation

Date	Name of the Student	Type of Activities	Participation / Presentation	Name of the Organisation
1.	Madhu Pratheevkaran	Tamil Speech,Elangovadigal Tamil Mandram	Participation	Dr.N.G.P. Arts And Science College.

2.	K.Santhosh Raj	Folk dance	Participation	Bharthiar University
3.	T.Anisha	Folk dance	Participation	Bharthiar University
4.	S.Swetha	Folk dance	Participation	Bharthiar University
5.	D.Pooja	National Youth Parliament Scheme	Participation	Ministry of Parliamentary Affairs, New Delhi
6	Madhu Pratheevkaran	Tamil Speech, Elangovadigal Tamil Mandram	Participation	Dr.N.G.P. Arts And Science College.
7	Madhu Pratheevkaran	Tamil Speech, Elangovadigal Tamil Mandram	Participation	Dr.N.G.P. Arts And Science College.
8	R.Sindhu	Work Shop on Differential Equations and their Applications in Mathematical Modeling.	Participation	Jansons Institute of technology, Coimbatore
9	S.Divya	Work Shop on Differential Equations and their Applications in Mathematical Modeling	Participation	Jansons Institute of technology, Coimbatore
10	S.Baskaran	Work Shop on Differential Equations and their Applications in Mathematical Modeling	Participation	Jansons Institute of technology, Coimbatore

11	S.Sivaranjani	Work Shop on Differential Equations and their Applications in Mathematical Modeling	Participation	Jansons Institute of technology,Coimbatore
12	K.Dharani	Work Shop on Differential Equations and their Applications in Mathematical Modeling	Participation	Jansons Institute of technology,Coimbatore
13	K.Santhosh Raj	SarvamNaatiyamayam	Participation	Chinmaya Yuva Kendra, Coimbatore
14	T.Anisha	SarvamNaatiyamayam	Participation	Chinmaya Yuva Kendra, Coimbatore
15	T.Anisha	SarvamNaatiyamayam	Participation	Chinmaya Yuva Kendra, Coimbatore
16	K.Santhosh Raj	Solo Dance	Participation	NIFT-TEA College of Knitwear Fashion,Tiruppur
17	S.Swetha	Solo Dance	Participation	NIFT-TEA College of Knitwear Fashion,Tiruppur
18	T.Anisha	Group Dance	Participation	NIFT-TEA College of Knitwear Fashion,Tiruppur
19	K.Santhosh Raj	Group Dance	Participation	NIFT-TEA College of Knitwear Fashion,Tiruppur

20	S.Swetha	Group Dance	Participation	NIFT-TEA College of Knitwear Fashion,Tiruppur
21	S.Divya	International E-Symposium on Plasma for Energy	Participation	SRM Institute of Science and Technology,Chennai
22	K.K Narmatha Priya	Science Adademies Lecture Workshop on Engineering Mathematics	Participation	KPR Institute of Engineering and Technology, Coimbatore
23	S.Sivaranjani	Science Adademies Lecture Workshop on Engineering Mathematics	Participation	KPR Institute of Engineering and Technology, Coimbatore
24	C.Rithika	Science Adademies Lecture Workshop on Engineering Mathematics	Participation	KPR Institute of Engineering and Technology, Coimbatore
25	K.Dharni	Science Adademies Lecture Workshop on Engineering Mathematics	Participation	KPR Institute of Engineering and Technology, Coimbatore
26	S.Madhumidha	Quiz	Participation	Bharthiar University PG Extension and Research Centre,Erode.
27	K..Ragavendra Vignesh	Quiz	Participation	Bharthiar University PG Extension and Research Centre,Erode.

28	D.Pooja	NEP-2020	Participation	Dr.N.G.P. College of Education,Coimbatore.
29	P.Ayana	NEP-2020	Participation	Dr.N.G.P. College of Education,Coimbatore.
30	P.Arthana	NEP-2020	Participation	Dr.N.G.P. College of Education,Coimbatore.
31	G.Karthika	NEP-2020	Participation	Dr.N.G.P. College of Education,Coimbatore.
32	C.Rithika	NEP-2020	Participation	Dr.N.G.P. College of Education,Coimbatore.
33	Ashli Thomas	NEP-2020	Participation	Dr.N.G.P. College of Education,Coimbatore.
34	Madhu Pratheevkaran	Tamil Speech	Participation	P.S.G. Technology , Coimbatore.
35	Madhu Pratheevkaran	Tamil Debate	Participation	Sree Narayana Guru College,Coimbatore.
36	Madhu Pratheevkaran	Silver Jubilee Competitions	Participation	Sri Krishna Arts and Science, Coimbatore.
37	V. Mathu	Silver Jubilee Competitions	Participation	Sri Krishna Arts and Science, Coimbatore.
38	Madhu Pratheevkaran	Elangovadigal Tamil Mandram	Participation	Dr.N.G.P. Arts And Science College.

39	S.Divya	International Conference on Recent Advances in Mathematical Fluid Dynamics	Presentation	Malaviya National Institute of techlogy,Jaipur.
40	S.Divya	International E-Symposium on Plasma for Energy	Presentation	SRM Institute of Science and Technology,Chennai
41	S.Divya	International Conference on Mathematical Modeling	Presentation	Bharathiar University
42	S.Madhumidha	Ramanujan Day	Presentation	Bharthiar University PG Extension and Research Centre,Erode.
43	K..Ragavendra Vignesh	Ramanujan Day	Presentation	Bharthiar University PG Extension and Research Centre,Erode.

B) Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1	6-Jun-22 to 11-Jun-22	Ms. A. Thamilpriya	One week Online Workshop on Vedic Mathematics and its Applications	Annant Gyan Knowledge and Skills PVT Ltd

2	27-Jun-22 to 29-Jun-22	Dr. S. Mathankumar	FDP on Advanced Latex	Vellore Institute of Technology, Chennai.
3	8-Aug-22 to 12-Aug-22	Dr. P. Umadevi	Five Days National FDP on Recent Advances in Mathematics	Vellore Institute of Technology, Vellore
4	26-08-2022 to 30-08-2022	Ms. A. Thamilpriya	5days FDP on Second Mathematical Sciences for CSIR-UGC NET Aspirants	Vellore Institute of Technology, Vellore
5	3-Sep-22 to 5-Sep-22	Ms. A. Thamilpriya	International Online Workshop on Academic Writing-Ethical Issues	Global Institute of Statistical Solutions
6	6-Sep-22 to 14-Sep-22	Ms. S. Gokilamani	National Level FDP on Teaching and Learning Process in Higher Educational Institutions	IOT Academy
7	21-Sep-22 to 29-Sep-22	Dr. P. Umamaheswari	UGC Approved Short term Professional Development Programme on Implementation of NEP 2020	Indira Gandhi national Open University, New Delhi
8	21-Sep-22 to 4-Oct-22	Ms. S. Gokilamani	Two Weeks Online International FDP on Current Trends in Applications of Mathematics	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai
9	21-Sep-22 to 4-Oct-22	Dr. S. Kannaki	Two Weeks Online International FDP on Current Trends in Applications of Mathematics	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai

10	21-Sep-22 to 4-Oct-22	Dr. M. Sangeetha	Two Weeks Online International FDP on Current Trends in Applications of Mathematics	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai
11	21-Sep-22 to 4-Oct-22	Ms. A. Thamilpriya	Two Weeks Online International FDP on Current Trends in Applications of Mathematics	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai
12	21-Sep-22 to 4-Oct-22	Ms. M. Lavanya	Two Weeks Online International FDP on Current Trends in Applications of Mathematics	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai
13	21-Sep-22 to 4-Oct-22	Ms. M. Vinitha	Two Weeks Online International FDP on Current Trends in Applications of Mathematics	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai
14	06.10.2022 to 14.10.2022	Dr.Manimekalai S	National Level FDP on Fundamentals of research and research methodology	IOT Academy
15	10.10.2022 to 15.10.2022	Dr.Manimekalai S	Online FDP on Recent research area and its Application in Mathematics	Vel tech Multi Tech, Chennai
16	Sep to oct	Ms.S.Gokilamani	FDP on The Psychology of Language	NPTEL-AICTE

17	Sep to oct	Dr. P. Umamaheswari	FDP on Descriptive Statistics Using R	NPTEL-AICTE
18	4-Jan-23 to 5-Jan-23	Dr. S. Mathankumar	Lecture Workshop on Engineering Mathematics	KPR Institute of Engineering and Technology, Coimbatore.
19	20-Jan-23 to 21-Jan-23	Ms.A. Thamilpriya	Workshop on Algebraic Topology	NGM College, Pollachi. Government Arts College, Coimbatore.
20	2-Feb-23	Dr. S. Kannaki	A One Day National Conference on National Education Policy(NEO-2020) Opportunities and Challenges in Teacher Education	Dr.N.G.P. College of Education, Coimbatore
21	2-Feb-23	Ms. M. Lavanya	A One Day National Conference on National Education Policy(NEO-2020) Opportunities and Challenges in Teacher Education	Dr.N.G.P. College of Education, Coimbatore
22	2-Feb-23	Ms. M. Vinitha	A One Day National Conference on National Education Policy(NEO-2020) Opportunities and Challenges in Teacher Education	Dr.N.G.P. College of Education, Coimbatore
23	1-Mar2023 to 2-Mar2023	Ms. M. Vinitha	Two Day National Level Lecture Workshop on “How to Crack CSIR-NET Exam”	Sri Ramakrishna College of Arts and Science,Ciombatore .

24	1-Mar2023 to 2-Mar2023	Ms. M. Lavanya	Two Day National Level Lecture Workshop on “How to Crack CSIR-NET Exam”	Sri Ramakrishna College of Arts and Science,Ciombatore .
25	1-Mar2023 to 2-Mar2023	Dr. P. Umamaheswari	Two Day National Level Lecture Workshop on “How to Crack CSIR-NET Exam”	Sri Ramakrishna College of Arts and Science,Ciombatore .
26	1-Mar2023 to 2-Mar2023	Ms. A. Thamilpriya	Two Day National Level Lecture Workshop on “How to Crack CSIR-NET Exam”	Sri Ramakrishna College of Arts and Science,Ciombatore .

Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1	9-Jun-22 to 11-Jun-22	S. Gokilamani	18th Annual Conference of ADMA and Graph Theory Day	Balanced Rank Distribution Labeling of Cartesian Product of Certain Graphs	Vellalar College for Women, Erode.
2	24-Jan-23 to 25-Jan-23	Dr. P. Umamaheswari	National Symposium on Impending Mathematical Techniques for Nonlinear PDEs in Collective Dynamics	Existence and Stability results for system of Stochastic Fractional Differential Equations with Levy Noise	PSG College of Arts and Science, Coimbatore .

3	24-Jan-23 to 25-Jan-23	Dr. S. Manimekalai	National Symposium on Impending Mathematical Techniques for Nonlinear PDEs in Collective Dynamics	Predicting Drug Molecular Properties using Mathematical Index	PSG College of Arts and Science, Coimbatore .
4	2-Feb-23 to 3-Feb-23	Dr. S. Manimekalai	International Conference on Contemporary Approaches in Science and Humanities: Future Prospects	Even Edge Coloring for Network Applications	Nirmala College For Women (AUTONOMOUS), Coimbatore .

MEMBERSHIP IN ACADEMIC BODIES (BoS, etc., in other colleges)

S.No	Name of the Staff	Name of the College
1.	Dr.R.Sowrirajan	Ramakrishna Vidyalaya College, Coimbatore.
2.	Dr. S. Eswaramoorthi	Gobi Arts and Science College.

RESEARCH PROJECT (received funds from various funding agencies)-NIL

ACADEMIC FELLOWSHIPS (details, if any)-NIL

RESEARCH / PAPER PUBLICATIONS (journals/books)

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Year of Publications

1.	Dr. S. Eswaramoorthi	Heat Transfer Analysis on Carboxymethyl Cellulose Water-Based Cross Hybrid Nanofluid Flow with Entropy Generation	Journal of Nanomaterials	1-Jun-22
2.	Dr. S. Eswaramoorthi	Exploration of Darcy Forchheimer Flows of Non-Newtonian Casson and Williamson Conveying Tiny Particles Experiencing Binary Chemical Reaction and Thermal Radiation: Comparative Analysis	Mathematical and Computational Applications	20-Jun-22
3.	Dr. S. Eswaramoorthi	Investigation on Thermally Radiative Mixed Convective Flow of Carbon Nanotubes/Al ₂ O ₃ Nanofluid in Water Past a Stretching Plate with Joule Heating and Viscous Dissipation	Micromechanics	29-Aug-22
4.	Dr. P. Umadevi	Influence of the Ferro Particles on Convection Inside Inclined 2D Enclosure with Heat Conducting and Generating Body	Journal of Nanofluids	Vol. 11, pp. 572–582, 2022
5.	Dr. P. Umadevi	Analysis of Convection Phenomenon in Enclosure Utilizing Nanofluids with Baffle Effects	Energies	2022, 15, 6615
6.	Dr. S. Eswaramoorthi	Darcy-Forchheimer flow of Cu/TiO ₂ nanoliquid past a stretching sheet with heat generation/consumption	Journal of Physics: Conference Series	2022

7.	Dr. R. Sowrirajan	A study on the Impact of Nonlinear Source Term in Black-Scholes option pricing Model	Hindawi-Abstract and Applied Analysis	2022
8.	Dr. S. Manimekalai	Mathematical Descriptors for Drug Design Using Python Program	Journal of Pharmaceutical Negative Results	2022
9.	Dr. S. Mathankumar	An Approximate Approach for the system of Fredholm Integral Equations	Advances and Applications in Mathematical Sciences	2022
10.	Dr. S. Eswaramoorthi	Numerical Computation of Ag/Al ₂ O ₃ Nanofluid over a Riga Plate with Heat Sink/Source and Non-Fourier Heat Flux Model	Mathematical and Computational Applications	2023
11	Mrs. S. Gokilamani	Total Coloring of Combrelated Graphs	International Journal of Creative Research Thoughts	2022
12	Mrs. S. Gokilamani	Total Coloring of shadow,friendship and JellyfishGraphs	Stochastic Modeling and Applications	2022

Books

Name of Publisher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding
NIL			

PATENT / COPYRIGHT (details, if any)

CONSULTANCY

AWARDS, PRIZES AND RECOGNITIONS (staff members and students)

A). Staff

S.No	Name of the Staff	Name of the Award	Name of the Awarding Institution
1.	Dr.S.Manimekalai	Research Excellence Award 2022	Institute of Researchers
2	Mrs. S. Gokilamani	Top 5% Topper – NPTEL Course: The Psychology of Language	Indian Institution of technology, Guwahati

B) Students

Name of the Student	Name of the Award/Medal	National/ International	Sports/Cultural/Others(if any)
KAVI ARASAN A	All India rank2 Cash Prize: Rs. 15,000/-	National	National Creative Aptitude Test Organized by International Forum for Higher Education
KEERTHANA K	All India rank 7	National	
INDHUMATHI M	All India rank 8	National	
SREE SANKARI S	All India rank 10	National	

RAGAVENDRA VIGNESH K	All India rank 11	National	
JENCY G	All India rank 13	National	
INDHUREKHA P	All India rank 14	National	
SOWMIYA K	All India rank 16	National	
SWETHA S	All India rank 19	National	
RANJITH M	All India rank 20	National	
VIVILIYA S	All India rank 55	National	

AWARD OF Ph.D. -NIL

EXTENSION ACTIVITIES

S No.	Date	Event Programme /	Topic	Guest / Venue
1	10th Sep 2022	Extension activity	Awareness on “Conservation of water”	Nellithurai village
2	28 th Jan 2023	Extension activity	Awareness on “Vedic Mathematics”	Thippanurvillage

S. No	Register No	Student Name	Name Of Company	NO OF OFFERS
1	212MA001	ARTHANA P	FOCUS EDUMATICS	1
2	212MA002	ASHLI THOMAS	FOCUS EDUMATICS	1
3	212MA003	AYANA P	FOCUS EDUMATICS	1
4	212MA004	DHARANI K	FOCUS EDUMATICS	1
5	212MA005	KARTHIKA G	FOCUS EDUMATICS	1
6	212MA007	MEENAAKSHI M	FOCUS EDUMATICS	1
7	212MA013	RITHIKA C	FOCUS EDUMATICS	1
8	212MA014	ROOPA DEVI B	FOCUS EDUMATICS	1
9	212MA015	SIVARANJANI S	FOCUS	1

PLACEMENT

			EDUMATICS	
10	201MT003	Anuchanth N K	FOCUS EDUMATICS	1
11	201MT011	Indhureka.P	WIPRO	1
12	201MT015	Kaviarasan A	ZIFO KGISL ACCENTURE	3
13	201MT020	Nithya.B	WIPRO	1
14	201MT026	Santhosh Raj.K	KGISL FOCUS EDUMATICS [24]7.ai	3
15	201MT030	Shima. S	WIPRO [24]7.ai	2
16	201MT033	Sowmiya. K	FOCUS EDUMATICS	1
17	201MT035	SreeSankari.S	KGISL FOCUS EDUMATICS	2
18	201MT038	Swetha S	PACTRON	1
19	201MT041	Abarna D	PACTRON	1
20	201MT044	Manobharathi M	JOY TECHNOLOGIES	1

RENOWNED ACADEMICIANS VISIT ANY OTHER

FACULTY PROFESSIONAL DEVELOPMENT PROGRAMME

S.No:	Date	Name of the Faculty Present	Topic Discussed
1	10-Aug-22	Mrs. S. Gokilamani	Descriptive Statistics with R Software
2	17-Aug-22	Dr. S. Eswaramoorthi	Computational Methods for Differential Equations
3	24-Aug-22	Dr. M. Sangeetha	Optimal Solutions using Spreadsheet

4	14-Sep-22	Dr. P. Umadevi	Mathematical Documentation using LATEX
5	21-Sep-22	Dr. S. Manimekalai	Applications of Python Programming
6	12-Oct-22	Ms.A.Thamilpriya	Mathematics behind Machine Learning
7	19-Oct-22	Dr.S.Mathankumar	Application of Fuzzy Mathematics
8	25-Jan-23	Mr.C.Sivakumar	Research in Fluid Dynamics: An Overview
9	21-Feb-23	Ms.M.Vinitha	Fractional Calculus: Introductions and Applications
10	28-Feb-23	Mr.S.Rameshkumar	Number theory: Queen of Mathematics, Warrior of Cryptography