

PG & RESEARCH DEPARTMENT OF MATHEMATICS

ACTIVITIES OF THE DEPARTMENT 2021- 2022

(Association meetings, Guest Lectures, Celebration of Important days)

S. No	Date	Topic	Resource Person (designation with complete official address)	Event	Platform
1	12.08.21	Vedic Maths	Dr.A.S.Prasanna Venkatesan, Assistant Professor, Department of Mathematics, Government Arts College, Dharmapuri	Association Meeting	Google Meet

BEST PRACTICES OF THE DEPARTMENT

SL. No.	DATE	DEPT	ACTIVITY
1	2021-2022	Mathematics	• Celebrating the genius in you

FACULTY WHO HAS RECOGNITION FOR GUIDING Ph. D

S.No	Dept	Name of the Staff	Date of Recognition	Name of the University	Official Communication
1	Mathematics (Ph. D)	Dr. U. Mary	16.11.16	Bharathiar	20497/A2/2016
2		Dr. M.Helen.	20.07.18	Bharathiar	9495/A2/2018
3		Dr. K. Julia Rose Mary	16.11.16	Bharathiar	23106/A2/2016
4		Dr. A. Sahaya Sudha	12.01.16	Bharathiar	23272/03120/A2/2016
5		Dr. A. Francina Shalini	21.06.16	Bharathiar	007944-1/A2/2016
6		Dr.F.Nirmala Irudayam	27.02.16	Bharathiar	2653-2/A2/2016

7		Dr. K. Mohana	16. 03. 16	Bharathiar	4791/A2/2016
8		Dr. M. Trinita Pricilla	27.02.16	Bharathiar	2653-1/A2/2016
9		Dr. Sr. A. Stanis Arul Mary	03. 12. 18	Bharathiar	29139/A2/2018
10		Dr.A.Arokia Lancy	26.12.17	Bharathiar	27922/A2/2017

FACULTY WHO HAVE RECOGNITION FOR GUIDING M.Phil

S. No	Dept	Name of the Staff	Date of Recognition	Name of the University	Official Communication No.
1	Mathematics (M. Phil)	Dr.U.Mary	02. 11. 04	Bharathiar	9695-6/A2/2004
2		Dr. M.Helen	02. 11. 04	Bharathiar	9695-10/A2/2004
3		Dr. K. Julia Rose Mary	02. 11. 04	Bharathiar	9695-5/A2/2004
4		Dr.A.Sahaya Sudha	31. 07. 08	Bharathiar	14649/A2/2008
5		Dr.A.Francina Shalini	03.11.15	Bharathiar	21987/A2/2015
6		Dr.F.Nirmala Irudayam	03.11.15	Bharathiar	24802/A2/2015
7		Dr. K. Mohana	03.11.15	Bharathiar	24804/A2/2015
8		Dr. M. Trinita Pricilla	03.11.15	Bharathiar	24804-1/A2/2015

9		Dr. Sr. A. Dhanis Arul Mary	03. 12. 18	Bharathiar	29139/A2/2018
10		Dr.A.Arokia Lancy	26.12.17	Bharathiar	27922/A2/2017

M. Phil. PRODUCED BY THE FACULTY

S. No	Name of the Candidate	Supervisor	Part time/ Full time	Date of Completion
1.	S. V. Sangeetha	Dr. G. Sindhu	PT	01.09.21
2.	Glafeera David	Dr. U. Mary	FT	20.10.21
3.	R. Priyanka	Dr. K. Julia Rose Mary	PT	22.12.21

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.	V. Christy	Dr. K. Mohana	An analysis on a new form of Generalization of Neutrosophic sets and its Applications	05.01.22
2.	C. Priyadharshini Infanta	Dr. K. Julia Rose Mary	Analysis of Transient state Queueing Models with C Heterogeneous servers under Catastrophes, Balking and Vacations	12.01.22
3.	K. Vaiyomathi	Dr. F. Nirmala Irudayam	A study on Bipolar Neutrosophic cubic sets and its Applications	12.01.22
4.	R.Princy	Dr.K.Mohana	A Research Study on Generalization of Neutrosophic sets and its topological setting	07.02.22
4.	S.Karthikeyan	Dr.u.Mary	On b-colouring and Johan Colouring of graphs	25.02.22

FDP ATTENDED BY THE FACULTY

S.No.	Name of the faculty	Date	Title	Organized by	Online/Offline
1	07.06.21 – 12.06.21	Dr.U.Mary	“Competitive Coding”	E & ICT Academy, IIT Kanpur	Online
2	07.06.21- 12.06.21	Dr.M.Trinita Pricilla	Matlab and its Applications	Dr.N.G.P Institute of Technology	Online
3	07.06.21 - 11.06.21	Dr. A. Francina Shalini	creative thinking	ICT Academy	Online
4	07.06.21 - 12.06.21	Dr. A. Sahaya Sudha	Matlab and its Applications	Dr. N. G. P Institute of Technology	Online
5	07.06.21 - 12.06.21	Dr. M. Trinita Pricilla	Matlab and its Applications	Dr. N. G. P Institute of Technology	Online
6	11.06.21 - 27.06.21	Dr.U. Mary	“Data Science”	E & ICT Academy, IIT Kanpur	Online
7	14.06.21 - 19.06.21	Dr.U.Mary	“Website Development Using Word Press ”	E & ICT Academy, IIT Kanpur	Online
8	14.06.21 - 19.06.21	Dr.U.Mary	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
9	14.06.21 - 19.06.21	Dr.K.Julie Rose Mary	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
10	14.06.21 - 19.06.21	Dr.Sahaya Sudha	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
11	14.06.21 - 19.06.21	Dr.Francina Shalini	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online

12	14.06.21 - 19.06.21	Dr. Nirmala Irudayam	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
13	14.06.21 - 19.06.21	Dr.M.Trinita Pricilla	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
14	14.06.21 - 19.06.21	Dr.Sr. Stanis Arul Mary	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
15	21.06.21 – 26.06.21	Dr.U.Mary	“Python ”	E & ICT Academy, IIT Kanpur	Online
16	21.06.21 – 25.06.21	Dr. M. Trinita Pricilla	Five days Faculty Development Program on Mathematical Tools	Hindustan College of Engineering and Technology	Online
17	28.06.21-03.06.21	Dr. M. Trinita Pricilla	Data Science	E & ICT Academy, IIT Kanpur	Online
18	21.06.21-25.06.21	Dr.M.Trinita Pricilla	Five Days Faculty Development Program on Mathematical Tools	Hindustan College of engineering & Technology	Online
19	28.06.21-03.07.21	Dr.M.Trinita Pricilla	Data Science	E&ICT Academy, IT Kanpur	Online
20	14.06.21 - 19.06.21	Dr.Sr. Stanis Arul Mary	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
21	21.06.21-26.06.21	Dr.Sr. Stanis Arul Mary	Application of Mathematics in Science and Technology	Department of Science and Humanities, Narasu's	Online

				Sarathy Institute of Technology, Salem	
22	29.06.21 - 03.07.21	Dr.Sr. Stanis Arul Mary	Five days National level Faculty Development Program on Graph Theory	Christ College of Science and management	Online
23	14.06.21 - 19.06.21	Dr.A.Arokia Lancy	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
24	14.06.21 - 19.06.21	Sr.Stephy Stephen	One Week FDP Workshop on e-Content Skill Development	Nirmala College for Women	Online
25	29.06.21 - 03.07.21	Sr.Stephy Stephen	Five days National level Faculty Development Program on Graph Theory	Christ College of Science and management	Online
26	05.07.21 – 10.07.21	Dr.U.Mary	“Mathematic and Statics”, 05.07.2021 – 10.00.2021	KPR Instituted of Engineering and Technology, Coimbatore	Online
27	07.06.21- 12.06.21	Dr.U.Mary	FDP on MATLAB AND ITS APPLICATIONS	Dr.N.G.P. Institute of Technology,	Online
28	05.07.21 - 10.07.21	Dr.U.Mary	FDP on Mathematics and Statistics in Emerging Field	KPR Instituted of Engineering and Technology ,Coimbatore	Online
29	07.06.21 – 12.06.21	Dr.U.Mary	FDP on “Competitive Coding	E & ICT Academy, IIT kanpur	Online

30	11.06.21 – 27.06.21	Dr.U.Mary	FDP on “Data Science”	E & ICT Academy, IIT kanpur	Online
31	14.06.21 – 19.06.21	Dr.U.Mary	FDP on “Website Development Using Word Press ”	E & ICT Academy, IIT kanpur	Online
32	21.06.21 – 26.06.21	Dr.U.Mary	FDP on “Python ”	E & ICT Academy, IIT kanpur	Online
33	05.07.21 – 10.07.21	Dr.U.Mary	FDP on “Mathematic and Statics ”	KPR Instituted of Engineering and Technology ,Coimbatore	Online
34	01.07.21- 02.07.21	Sr.Stephy Stephen	two days FDP on Teaching Learning Process through Revised Blooms Taxonomy	Dr.NGP institute of Technology	Online
35	05.07.21- 10.07.21	Sr.Stephy Stephen	Mathematics and Statistics in Emerging Field	KPR Institute of Engineering and Technology	Online
36	27.09.21 – 01.10.21	Dr.U.Mary	FDP on “Python Programming”	ICT Academy	Online
37	15.11.21 to 19.11.21	Dr. K. Mohana	FDP on Fabricating Powerful Webs using CMS	Nirmala College For Women, Coimbatore	Offline
38	21.12.21- 23.12.21	Sr.Stephy Stephen	Three days FDP on Graph Theory	Vellalar college for Women	Online
39	29.09.21- 01.10. 21	Dr.U.Mary	“Python Programming” 27.09.2021 – 01.10.2021	ICT Academy	Online

40	21.12.21- 23.12.21	Dr.U.Mary	FDP on Graph Theory	Vellalar College for Women	Online
41	21.12.21- 23.12.21	Dr.Sr. Stani s Arul Mary	National level virtual FDP on Graph Theory	Vellalar College for Women, Autonomous, Department of Mathematics (CA), Erode - 12	Online

TRAINING PROGRAMMES ATTENDED BY THE FACULTY

S.No	Date	Name of the faculty	Title	Organized by	Online/Offline
1	25.06.21	Dr. F. Nirmala Irudayam	Hands on Training Geogebra	Christ College, Thrissur	Online
2	30.06.21- 30.07.21	Dr. A. Sahaya Sudha	Innovation Ambassador Training Program	MOE'S Innovation Cell & AICTE	Online
3	09.08.21 - 14.08.21 & 16.08.21 - 19.08.21	Dr. U. Mary	FIP online short team course on Biostatistics and R Programming	Rathvavel Subramaniam College for arts and Science College	Online
4	04.10.21 - 12.10.21.	Dr. U. Mary	Short-Term Training Program, "Enhancing Young Minds"	Sathyabama Institute of Science and Technology, Chennai	Online
5	20.11.21	Dr. U. Mary	IQAC and NAAC Coornidates meet "Environment Management System Green Campus Audit and Engergy audit at	Nature Science Foundation, Coimbatore	Online

			Educational Institutions and Industrial Sectors		
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PARTICIPATION OF THE FACULTY IN SEMINARS

S. No	Date	Name of the Faculty	Title	National/Intl	Organizing Committee with Address	Platform
1	17.11.21 – 18.11.21	Dr. K. Mohana	2nd International Virtual Seminar on TOPOLOGY AND ITS APPLICATIONS	International	Department of Mathematics, Kongunadu Arts and Science College, Coimbatore – 641 029	Online
2	02.06.21-04.06.21	Dr.Sr.Stanis Arul Mary	Research Methodology	National		Online
3	10.06.21	Dr.A.Arokia Lancy	IPR and IP Management	National	Department of Bioinformatics, Nirmala College for Women,Coimbatore	Online
4	13.06.21	Dr.A.Arokia Lancy	Life Beyond studies	National	Bundlekhand Institute of Engineering and Technology,Jhansi	Online
5	25.06.21 & 26.06.21	Dr.A.Arokia Lancy	Best Practices and their success stories in higher educational institutions	International		Online
6	28.06.21	Dr.A.Arokia Lancy	Workshop on Best Practices and their success stories in higher educational institutionson	National	Internal Quality Assurance Cell (IQAC),Nirmala College for Women, Coimbatore – 18 under PARAMARSH scheme.	Online
7	29.06.21	Dr.A.Arokia Lancy	Webinar on Recent Advances in Statistics	International	Department of Mathematics , Institute of Science,GITAM(Deemed to be University) ,	Online

					Vishakapatnam, Andrapradesh, India	
8	28.07.21 - 29.07.21	Dr.A.Aro kia Lancy	Opportunities for Science Education in Industry, Research and Academics	National	Nirmala College for Women, Coimbatore, Tamilnadu and Vijnana Bharati (VIBHA), New Delhi	Online
9	06.07.21	Sr.Stephy Stephen	Machine Learning methods and applications in research	National	Government Arts College, Pudukottai	Online
10	06.08.21	Sr.Stephy Stephen	Essentials of Mathematics for Machine learning	National	Government Arts College, Ooty	Online
11	07.08.21	Sr.Stephy Stephen	Relevance of Mathematics in Control Systems	National	KPR Institute of Engineering and Technology	Online
12	30.08.21- 01.09.21	Sr.Stephy Stephen	Fundamentals of Mathematics	Internationa l	Assam Kaziranga University, Assam	Online
13	31.08.21	Sr.Stephy Stephen	An overview- Topology and Nano Topology	National	Hindusthan college of Engineering and Technology, Coimbatore	Online
14	14.08.21	<u>Dr.Sr.Sta</u> nis Arul Mary	Importance of Elephant in Environment	National		Online
15	30.08.21 – 01.09.21	Dr. A. Stanis Arul Mary	Fundamental Mathematics	Internationa l	Assam Kaziranga University, Assam	Online
16	31.08.21	Dr. A. Stanis Arul Mary	An overview – Topology and Nano Topology	National	Hindusthan college of Engineering and Technology, Coimbatore	Online
17	30.11.21- 03.12.21	Dr.MTrin ita Pricilla	Lecture Workshop on LinearAlgebra:T heory & its Applications	National	Department of Mathematics ,Kongu Engineering College, Perundurai	Online

PARTICIPATION OF THE FACULTY IN CONFERENCES

S. No	Date	Name of the faculty	Title	National/Intl	Organizing Committee with Address	Platform
1	28.06.21-03.07.21	Dr. M. Trinita Pricilla	Data Science	National Level	E & ICT Academy, IIT Kanpur	Online
2	28.07.21-29.07.21	Dr.A.Arokia Lancy	Opportunities for Science Education in Industry, Research and Academics	National Level	Nirmala College for Women, Coimbatore, Tamilnadu and Vijnana Bharati (VIBHA), New Delhi	Online

PARTICIPATION OF THE FACULTY IN WORKSHOPS

S. No	Name of the Faculty	Date	Title	National / Intl	Organizing Committee with Address	Platform
1	28.06.21	Dr.A.Arokia Lancy	Best Practices and Evolving Benchmarks in Higher Education Institutions	National Level	Internal Quality Assurance Cell (IQAC),Nirmala College for Women, Coimbatore – 18 under PARAMARSH scheme.	Online
2	05.07.21-09.07.21	Dr.A.Arokia Lancy	LaTeX	National Level	Department of Mathematics, School of Science, GITAM, Bengaluru, India,	Online
3	26.07.21-28.07.21	Dr.A.Arokia Lancy	An Overview of Mathematical Software and its Applications	National Level	Department of Applied Sciences, Sagar Institute of Research and Technology, Bhopal	Online
4	13.12.21-15.12.21	Dr.U.Mary	International virtual	International	SRM Institute of Science and Technology	Online

			Workshop on Structural Mathematics using Graph Theory			
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**PUBLICATIONS BY THE FACULTY
BOOKS PUBLISHED BY THE FACULTY**

S. No	Year	Name of the faculty	Name of the Book	IBBN/ISSN
1.	2021	Dr. K. Mohana	Laboratory Manual MATLAB Core Practical	978-93-5566-606-2

PUBLICATION BY THE FACULTY IN INTERNATIONAL JOURNALS

S. No	Month & Year	Name of the faculty	Topic	Name of the Journal	Vol No, Issue No, Pg No	ISSN	Impact factor	Indexing Details
1	June 2021	Dr.K. Julia Rose Mary	M/M/1 Differentiated Vacation Queueing System under Mixed Strategy of Customers with Partial Vacation Interruption	Strad Research	Vol 8, issue 6, pp 9-18.	Issn No. 0039- 2049,	IF: 6.1	Web of Science
2	September 2021	Dr.A.Arokia Lancy	Near Plithogenic Hypersoft Topological Spaces	Infokara Research	Vol 10 issue 9, pg-99- 106	Issn No. 1021- 9056	5.3	UGC care Group 2
3	November 2021.	Dr.U. Mary	Strategy on Disaster Recovery Management based on Graph Theory Concepts	Internationa l Journal of Recent Technology and Engineering	Volume -10 Issue-4, Novem ber 2021. Page No.: 31- 34.	Issn No. 2277- 3878		Scopus

4	December 2021	Dr. A. Francina Shalini	An Introduction to Neutrosophic Vague Refined set	Neutrosophic Sets and Systems	Vol 47, pp 601-619	Issn No. 2331-6055 (Print) 2331-608X (Online)	4.6	Scopus
5	December 2021	Dr. A. Francina Shalini	On Neutrosophic Vague Binary BZMV ^{DM} Sub algebra of BZMV ^{DM} algebra in Neutrosophic Vague Binary Sets	Neutrosophic Sets and Systems	Vol 47, 316-337	Issn No. 2331-6055 (Print) 2331-608X (Online),	4.6	Scopus
6	December 2021	Dr. A. Francina Shalini	On Neutrosophic Vague Binary G Sub algebra of G algebra in Neutrosophic Vague Binary Sets	Neutrosophic Sets and Systems	Vol 38(1), 576-598	Issn No. 2331-6055 (Print) 2331-608X (Online),	4.6	Scopus
7	2021	Dr. K. Mohana	Pairwise Pythagorean Neutrosophic P-spaces (with dependent neutrosophic components between T and F)	Neutrosophic Sets and Systems	Vol-41, PP 246-257, 2021	Issn No. 2331-6055 (Print) 2331-608X (Online),	4.6	Scopus
8	2021	Dr. K. Mohana	Neutrosophic Bipolar Vague Generalized Alpha Continuous Mappings	Journal of Xi'an University of Architecture and Technology	XIII, Issue 7, 696-704, 2021	Issn No: 1006-7930	3.7	Scopus
9	2021	Dr. K. Mohana	Clustering Methods Using Distance Based Similarity	GIS Science Journal	8(8), 763-	1869-9391,	6.1	Scopus Active and

			Measures of Spherical Fuzzy Sets		775, 2021			UGC Care group 2
10	2021	Dr. K. Mohana	Quadripartitioned Single Valued Neutrosophic Generalized Closed Sets and Generalized Connected, Compact Spaces.	The International Journal of analytical and experimental modal analysis	13(6), 13-20, 2021	Issn No: 0886-9367	6.3	UGC Care group 2
11	January 2022	Dr.K. Julia Rose Mary	Assessment for choosing the best alternative fuel under Hesitant bipolar-valued fuzzy multi criteria decision making	AIP Conference Proceedings	Vol 2385, issue 1,	Issn No. 080001	0.40	Scopus
12	December 2021	Dr.M. Trinita Pricilla	Bipolar neutrosophic soft generalized pre-continuous mappings	International Journal of Neutrosophic Science	Vol 16 Issue 2, 2021	Issn No. 2690-6805		International
13	2021	Dr. K. Mohana	Neutrosophic Bipolar Vague Resolvable and Neutrosophic Bipolar Vague Irresolvable Spaces	Journal of Computational Mathematics	5(1), 076-0872021	Issn No.2456-8686		International
14	2021	Dr. K. Mohana	Spherical fuzzy cross-entropy for multiple attribute decision making problem	Journal of fuzzy extension and Application	2021	Issn no. 2783-1442 ,		International
15	2021	Dr. K. Mohana	Quadripartitioned Neutrosophic Mappings with its Relations and Quadripartitioned Neutrosophic Topology	International Journal of Mathematics And its Applications	9(1), 83-93, 2021	Issn No. 2347-1557		International
16	2021	Dr.U. Mary	A Study On CCS For Graphs That Allow Johan Coloring	International Journal of Research and	Vol. 8 Issue 3, 198 - 200 2021	Issn No. 2349-5138	5.75	International

				Analytical Reviews				
17	2021	Dr.U. Mary	Minimum Hub Color Energy of a Graph	Malaya Journal of Matematik	Vol-9, issue-1, 494-497, 2021	Issn No. 2319-3786		International
18	2021	Dr.U. Mary	Maximum Independent Seidel Energy of a Graph	Journal of Physics: Conference Series	Vol-1947, No. 012051, 1-5, 2021	Issn No. 1742-6596		International
19	2021	Sr.Stephy Stephen	Interval valued Neutrosophic Pythagorean sets and their application in decision making using IVNP-TOPSIS	International Journal of Innovative research in Science	Vol-10, iss -12, 14571-14578	ISSN: 2319-8753	7.56	International
20	2021	Dr.Sr.Stanis Arul Mary	Pythagorean Fuzzy preopen sets	International Journal of Research Publication & reviews	Vol-2, Iss-9, 470-476	ISSN: 2582-7421	5.536	International
21	2021	Dr.Sr.Stanis Arul Mary	Tangent Similarity Measures of Pythagorean Fuzzy Sets	International Journal of Research Publication & reviews	Vol-2, Iss-9, 456-461	ISSN: 2582-7421	5.536	International
22	2021	Dr.Sr.Stanis Arul Mary	Pythagorean Fuzzy ideals in subtraction Algebra	International Journal of Research Publication & reviews	Vol-2, Iss-9, 477-481	ISSN: 2582-7421	5.536	International
23	2022	Sr.Stephy Stephen	Assessment of NMOORA and NVIKOR MCDM methods in plant disease management	AIP Conference Proceedings 2385	Vol 2385, issue 1, 130058	Issn No. 080001	0.40	Scopus
24	2022	Dr.M.Trinita Pricilla	Bipolar Neutrosophic Soft contra Generalized pre-continuous and	International Journal of Neutrosophic Science	Vol-18, Iss-1, 144-157	ISSN No: 2690-6805		International

			contra generalized alpha continuous mappings					
25	2022	Dr.M.Trinita Pricilla	Bipolar Neutrosophic graded soft sets and their topological spaces	Neutrosophic sets and systems	Vol-48, 368-385	Issn No. 2331-6055 (Print) 2331-608X (Online),	4.6	Scopus
26	2022	Dr.Sahaya Sudha	Implementation of Travelling Salesman Problem in Genetic Algorithm	International Journal of All research education & Scientific Methods	Vol-10, Iss-1, 816-821	ISSN: 2455-6211	7.429	International

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
1	Dr. A. Sahaya Sudha	Assistant Professor	Dr. Sarvapalli Radhakrishnan, Best Faculty Award 2021 in Operations Research, Centre for Professional Advancement, Vijayawada, on Account of Teachers Day on 5.8.2021
2	Dr. K. Mohana	Assistant Professor	Best Young Faculty Award 2021, NOVAL RESEARCH ACADEMY Puducherry, India
3	Dr. U.Mary	Associate Professor	“LIFETIME ACHIEVEMENT AWARD 2021 - 2022” , Novel Research Academy, Puducherry, India.
4	Dr. U.Mary	Associate Professor	I2OR LIFETIME ACHIEVEMENT AWARD 2021, International Institute of organized Research (I2OR)

5	Dr. A. Stanis Arul Mary	Assistant Professor	Teaching and Research Excellence National Award 2021, IRDP Group of Journals, Chennai, India.
6	R. Radha Full time Research Scholar		Best Researcher Award 2021, IRDP Group of Journals, Chennai, India.

OTHER ACADEMIC CONTRIBUTIONS – FACULTY

S. No	Date	Name of the Faculty	Nature of Work	Institution
1	02.07.21	Dr.U.Mary	BOS	Sri Ramakrishna College of Arts & Science, Coimbatore
2	19.07.21	Dr. F. Nirmala Irudayam	Webinar -Resource Person	PSG College of Arts and Science, Department of Mathematics (Aided), Coimbatore
3	13.09.21	Dr. A. Sahaya Sudha	Online orientation Programme for the Batch 21-22 for the Mathematics students	Hindustan college of arts and science, Coimbatore.
4	13.09.21	Dr. M. Trinita Pricilla	Resource Person for Orientation Programme: Graph Theory and its Applications	Hindustan College of Arts and Science
5	29.10.21	Dr. A. Sahaya Sudha	Question Paper Scrutiny Board member	Dr. NGP Arts and Science, Coimbatore
6	12.12.21	Dr. K. Mohana	Resource person for Workshop on Matlab	Bishop Ambrose College, Coimbatore
7	05.01.22	Dr. K. Julia Rose Mary	BOS(online)	Rathnam College, Coimbatore
8	05.01.22	Dr. A. Sahaya Sudha	BOS(Online)	Kovai Kalaimagal College of Arts and Science, Coimbatore

STUDENT'S PARTICIPATION IN CONFERENCES

S. No	Date	Name of student	Topic	Name of Conference	Organizing Committee and platform	National/ International
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1	28.07. 21- 29.07. 21	Karen Felicita C	Opportunities for Science Education in Industry, Research & Academics	Conference	Vibha & Nirmala College for women, Platform: Online	National
2	28.07. 21- 29.07. 21	Princy S	Opportunities for Science Education in Industry, Research & Academics	Conference	Vibha & Nirmala College for women, Platform: Online	National
3	28.07. 21- 29.07. 21	Esek Gertrud A	Opportunities for Science Education in Industry,Research & Academics	Conference	Vibha & Nirmala College for women, Platform: Online	National
4	28.07. 21- 29.07. 21	M.Sowmiya	Opportunities for Science Education in Industry,Research & Academics	Conference	Vibha & Nirmala College for women, Platform: Online	National
5	28.07. 21- 29.07. 21	Udhaya Shalini.M	Opportunities for Science Education in Industry,Research & Academics	Conference	Vibha & Nirmala College for women, Platform: Online	National
6	28.07. 21- 29.07. 21	Jenitha Vinnarasi R	Opportunities for Science Education in Industry, Research & Academics	Conference	Vibha & Nirmala College for women, Platform: Online	National

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/International
1	18.06.21-22.06.21	Irin Mariya L	Documentation on Latex	Workshop	Global institute of statistical solutions -Online	International
2	26.06.21-28.06.21	Irin Mariya L	Data analysis using business excel	Workshop	Global institute of statistical solutions-Online	International
3	5.07.21-9.07.21	Adlin Gisha V	Latex	workshop	GITAM , Online	National
4	5.07.21-9.07.21	Karen Felicita C	Latex	Workshop	GITAM , Online	National
5	5.07.21-9.07.21	Princy S	Latex	Workshop	GITAM , Online	National
6	07.07.21-08.07.21	Princy S	Digital Security	Workshop	Nirmala College for Women	National
7	5.07.21-9.07.21	Irin Mariya L	Latex	Workshop	GITAM , Online	National
8	5.07.21-9.07.21	Esek Gertrud A	Latex	Workshop	GITAM , Online	National
9	5.07.21-9.07.21	M.Sowmiya	Latex	Workshop	GITAM , Online	National
10	5.07.21-9.07.21	Adeline Smyrna S	Latex	Workshop	GITAM , Online	National
11	5.07.21-9.07.21	Udhaya Shalini.M	Latex	Workshop	GITAM , Online	National
12	5.07.21-9.07.21	Amali C	Latex	Workshop	GITAM , Online	National
13	5.07.21-9.07.21	Kirthiga. T	Latex	Workshop	GITAM , Online	National
14	5.07.21-9.07.21	Jenitha Vinnarasi R	Latex	Workshop	GITAM , Online	National
15	07.07.21-08.07.21	Jenitha Vinnarasi R	Digital Security	Workshop	Nirmala College for Women , Online	National
16	07.07.21-08.07.21	Esek Gertrud A	Digital Security	Workshop	Nirmala College for Women, Online	National
17	12.07.21-16.07.21	Irin Mariya L	Latex	Hands on training	Nirmala College for Women , Offline	National
18	12.07.21-16.07.21	Karen Felicita C	Latex	Hands on training	Nirmala College for Women , Offline	National

19	12.07.21-16.07.21	Adlin Gisha V	Latex	Hands on training	Nirmala College for Women , Offline	National
20	12.07.21-16.07.21	Princy S	Latex	Hands on Training	Nirmala College for Women , Offline	National
21	12.07.21-16.07.21	Esek Gertrud A	Latex	Hands on Training	Nirmala College for Women , Offline	National
22	12.07.21-16.07.21	subiksha.U	Latex	Hands on training	Nirmala College for women	National
23	12.07.21-16.07.21	M Sowmiya	Latex	Hands on training	Nirmala College for Women , Offline	National
24	12.07.21-16.07.21	Adeline Smyrna S	Latex	Hands on training	Nirmala College for Women , Offline	National
25	12.07.21-16.07.21	Udhaya Shalini.M	Latex	Hands on training	Nirmala College for Women , Offline	National
26	12.07.21-16.07.21	ChristinaAngelina.C	Latex	Hands on training	Nirmala College for Women , Offline	National
27	12.07.21-16.07.21	Amali C	Latex	Hands on training	Nirmala College for Women , Offline	National
28	12.07.21-16.07.21	Kirthiga. T	Latex	Hands on training	Nirmala College for Women , Offline	National
29	12.07.21-16.07.21	Jenitha Vinnarasi R	Latex	Hands on Training	Nirmala College for Women , Offline	National
30	18.07.21-22.07.21	Kirthiga. T	Documentation on Latex	Global institute of statistical solutions		International

STUDENT PRESENTATION IN SEMINARS AND CONFERENCES

S. No	Date	Name of student	Topic	Name of the Seminar/Conference/	Organized by	Platform
1.	10.09.21-11.09.21	M.Sowmiya	Tangent Similarity Measures of	First International Conference on	CSI College of Engineering, Ketti, India & Global	Online

			Pythagorean Fuzzy Sets	Advancements in Engineering, Management, Science and Technology	Conference Hub, Coimbatore	
2	10.09.21-11.09.21	M.Udhaya Shalini	Pythagorean Fuzzy Preopen sets	First International Conference on Advancements in Engineering, Management, Science and Technology	CSI College of Engineering, Ketti, India & Global Conference Hub, Coimbatore	Online
3.	10.09.21-11.09.21	R.Jenitha Vinnarasi	Pythagorean Fuzzy Ideals in Subtraction Algebras	First International Conference on Advancements in Engineering, Management, Science and Technology	CSI College of Engineering, Ketti, India & Global Conference Hub, Coimbatore	Online
4.	26.10.21-28.10.21	Karen Felicita C	Implementation of Genetic Algorithm in Traveling Salesman problem	27 th International Conference on recent Advances in Mathematics & Computational Optimizations	School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi	Online
5.	09.12.21-10.12.21	M.Dhanapackiam	Interval Valued Pythagorean Fuzzy Nano Sets	2 nd International Conference on Emerging trends in Materials, Computing and Communicati	Annai Vailankanni College of Engineering, Kanyakumari	Online

				on Technologies		
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FELLOWSHIPS AND SCHOLARSHIPS

S. No	Name of the Student and Class	Name of the fellowship/scholarship	Funding agency	Stipend Amount
1	Mary Margaret	Maulana Scholaraship	UGC	Rs. 35000
2	K. Ludi Jancy Jenifer	National Fellowship for OBC candidates	UGC	Rs. 35000
3	Vyshna Unni	National Fellowship for OBC candidates	UGC	Rs. 35000

ONLINE COURSES COMPLETED BY THE STUDENTS

S.No.	Name	Name of the course	Course conducted by
1	Karen Felicita C	Cyber Security	ICT Academy
2	Karen Felicita C	Basics of Managing Money	TrainIndia
3	Karen Felicita C	Image Processing	Mathworks
4	Irin Mariya L	Cyber Security	ICT academy
5	Irin Mariya L	Basis of Managing money	TrainIndia
6	Irin Mariya L	Cyber Security	Mathworks
7	Adlin Gisha V	Cyber Security	ICT Academy
8	Adlin Gisha V	Basics of Managing Money	TrainIndia
9	Adlin Gisha V	Image Processing	Mathworks
10	Princy S	Cyber Security Essentials	CISCO Networking Academy
11	Esek Gertrud A	Cyber Security Essentials	CISCO Networking Academy
12	subiksha.U	cyber security	ICT Academy
13	M.Sowmiya	Cybersecurity Essentials	Cisco Networking Academy
14	Adeline Smyrna S	Basic of Managing Money	TrainIndia
15	Udhaya Shalini.M	Cybersecurity Essentials	Cisco Networking Academy
16	Christina Angelin C	Cybersecurity Essentials	ICT Academy
17	Amali C	Cybersecurity Essentials	ICT Academy
18	Kirthiga. T	Cybersecurity Essentials	ICT Academy
19	Amritha Briji S	Cyber Security	ICT Academy
20	Jenitha Vinnarasi R	Cybersecurity Essentials	ICT Academy
21	Jenitha Vinnarasi R	Basis of Managing money	TrainIndia

STUDENT PLACEMENT

S.No	Name	Batch	Designation	Name of the Institution
1	Ancy Vershinia S	2019-2022	Associate Trainee	Altruist Technologies
2	Samyuktha K.	2019-2022	Teacher	TVS/HRH/Senthil educational trust
3	Nandhini K.	2019-2022	Teacher	TVS/HRH/Senthil educational trust
4	Aishvarya G.	2019-2022	Teacher	TVS/HRH/Senthil educational trust

5	Gayathiri	2019-2022	Customer Service Support	CoIndSyz Software Soutions, 1274 RSB Towers, MTP Road, Saibaba COLony, COimbatore-43
6	Arulmozhi	2019-2022	Customer Service Support	CoIndSyz Software Soutions, 1274 RSB Towers, MTP Road, Saibaba COLony, COimbatore-43

CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

STUDENT PARTICIPATION IN INTERCOLLEGIATE/INTERDEPARTMENTAL COMPETITIONS

S. No	Date	Event	Organized by	Students Name	Participated / Won
1	31.7.21	Just a minute	NGMC College,	Karen Felicita C	I prize
2	02.08.21	Paper Presentation	NGMC College	Karen Felicita C	I prize

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

S. No	Date	Name	Event	Participation/ Prize	Organizing Committee
1	14.12.21	Irin Mariya L	Rangoli	3rd prize	Nirmala college for women
2	14.12.21	Esek Gertrud A	Rangoli	Participation	Nirmala college for women
3	14.12.21	Christina AngelinC	Rangoli	2nd prize	Nirmala college for women
4	14.12.21	Amali C	Rangoli	participation	Nirmala College for Women
5	14.12.21	Amritha Briji S	Rangoli	Participation	Nirmala college for women
6	14.12.21	Jenitha Vinnarasi R	Rangoli	3rd prize	Nirmala college for women

PROGRAMMES ORGANIZED BY THE DEPARTMENT UNDER DBT SCHEME

S. No	Date	Topic	Resource Person (designation with complete official address)	Event	Platform
1	14.06.21 - 19.06.21	One Week FDP Workshop on “ E-Content Skill Development ”	Dr.Vimal Jerald Department Of Computer Science, St.Joseph’s College, Trichy	FDP	Google meet 167 All Staff Members of Nirmala College and Paramash College
2	25.06.21	Guest Lecture- Ethics in Gender Equality	Dr. M. Raziya Parvin, Hod, Dept. Of History, Queen /Mary’s College, Chennai.	Guest Lecture-	Google meet II UG-38 III UG - 87
3	28.06.21	One Day Workshop on Yoga and Energy Healing	Rev.Sr.Leema Lawrence, Principal, Nirmala Matric Hr.Sec.School, Coimbatore	Workshop	Google meet II UG-38
4	26.07.21- 09.08.21	Certificate Course – Skill Development	Ms. A. Tamilarasi, Alumna, Indian Bank, Erode. Ms. A. Christina Varghese Alumna, Bank of India, Coimbatore	Certificate Course	Google meet II UG-38 III UG - 87
5	02.07.21	Guest Lecture On “Health and Hygiene”	Dr.R.Thamilselvi Professor & Head, Department Of Pathology, Vinayaka Mission Kiruananda Variyar Medical College & Hospital, Salem.	Guest Lecture	87 (II & III B. Sc STUDENTS)
6	03.07.21	Guest Lecture on Soft Skills - Personality Development Program	Mrs.Nancy Johnson, Head, Corporate Relations, Learning And Development,	Guest Lecture	Google Meet70 (II & III B.Sc STUDENTS)

			The Oxford Educational Institutions, Bangalore		
7	07.07.21	Two Days Workshop on Skill Development - Digital Security	Dr. M.Punithavalli Professor Of Computer Applications Bharathiar University Coimbatore-46	Workshop	97(Staff, II & III B.SC STUDENTS)
8	09.07.21	One Day Workshop Entrepreneurship Traits	Dr. P. Karthikeyan Associate Professor School Of Management Studies, Kongu Engineering College Perundurai	Workshop	86 (II & III B.Sc., STUDENTS)
9	15.07.21-16.07.21	Interdepartmental Two days Workshop on Skill Development-Advanced Excel With Statistical Tools	Dr Mohini Batt, Assistant Professor And HOD, Management Studies, Christ Academy Institute of Advanced Studies, Bangalore.	Two Days Workshop	You tube 600
10	12.07.21 – 16.07.21	FIVE DAYS HANDS ON TRAINING - LATEX	Mr. S. Alagupandi Technical Head – Training, AAKAM Industrial Training and Research Institute, Coimbatore.	Hands On Training	(III B.Sc Maths – 43) Google meet
11	19.07.21	Interdepartmental Guest Lecture On Skill Development-Statistical Quality Control	MS. Divya V R, Assistant Professor, St. Claret College, Bangalore.	Guest Lecture	Google meet 100
12	5.8.21 & 6.8.21	Two Days Skill Development – Hands On Training In Matlab	Dr. V. Vijayakmar MCA, M.Phil., Ph.D, The Controller Of Examinations,Professor In Computer Science, Sri Ramakrishna College Of Arts And Science, Coimbatore, Tamil Nadu	Hands On Training	II UG 38 (II B.SC STUDENTS)

13	25.08.21	Workshop - Modeling Through Differential Equations	Dr. Isha Dhiman, Assistant Professor, School of Mathematics, Thapar Institute of Engineering & Technology, Patiala	Workshop	Google meet II UG-38
14	17.08.21	Guest Lecture on Cyber Security And Safety	Dr. V. Vijayakumar, COE, Professor in Computer Science, Sri Ramakrishna College Of Arts And Science, Coimbatore	Guest Lecture	III UG & III UG SF 75
15	17.08.21-18.08.21	Two Days Hands on Training In Data Analytics With R-Programming	Dr. S. Murugappan, Professor-School of Management Studies, Bannari Amman Institute Of Technology, Coimbatore	Hands On Training	Google Meet III UG-43
16	06.09.21	One Day Skill Development Hands on Training On Matlab	Dr. T. Deepa Associate Professor In Computer Science Sri Ramakrishna College Of Arts And Science For Women, Coimbatore	Hands On Training	III UG 43
17	27.10.21 - 28.10.21	Two Days Hands on Training In Data Analytics With R-Programming	Dr.Lakshmana Kumar Ramasamy, Head-Centre Of Excellence For AI And Machine Learning, Hindhusthan College Of Engineering And Technology, Coimbatore	Hands On Training	Google Meet IIIUG 43
18	09.11.21	Hands On Training On Geogebra	Mr.S.Alagupandi, Technical Head-Training,	Hands On Training	Offline II PG -30

			Aakam Industrial Training And Research Institute,Coimbatore		
19	10.11.21	Hands On Training On Scilab	Mr.S.Alagupandi, Technical Head- Training, Aakam Industrial Training And Research Institute,Coimbatore	Hands On Training	Offline II PG 30
20	15.11.21	Hands On Training On Python Programming	Dr.M.Vivek Prabhu, Assistant Professor Of Mathematics, Kongunadu Arts And Science College(Autonomous), Coimbatore	Hands On Training	Offline II PG 30
21	22.11.21& 23.11.21	Two Days Skill Development Work Shop On Matlab	Mr. Boopathikumar , CEO And Founder, Domainhostly.Com	Workshop	Google Meet IIUG-38 II UG(SF)- 12
22	05.12.21 - 10.12.21	Fancy Dress Competition For School Students		Fancy Dress Competition For School Students	27
23	05.12.21 - 10.12.21	Model Making Competition For School Students (2 Members Per Team)		Model Making Competition For School Students (2 Members Per Team)	11
24	10.12.21	Intradepartmental Quiz		Intradepartmental Quiz	17 teams , 3 per team
25	10.12.21	Interdepartmental Quiz		Interdepartmental Quiz	37 teams , 2 per team

26	15.12.21	Paper Presentation For Intercollegiate Level	Chair Persons: 1. Dr.U. Mary Associate Professor And Head Of The Department Of Mathematics, Nirmala College For Women, Coimbatore. 2. Dr.K. Julia Rose Mary Associate Professor Department Of Mathematics, Nirmala College For Women, Coimbatore	Intercollegiate Level Paper Presentation Competition	16
27	21.12.21	Ramanujan's Day Celebration – 2021	Rev.Sr.Dr.M. Helen, Principal, Nirmala College For The Women, Coimbatore.	Ramanujan's Day Celebration – 2021	100
28	28.01.22	International Seminar on “Recent Trends in Pure and Applied Mathematics”	1. Dr.Nur Tasnem Binti Jaaffar Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia 2. Dr.Geetha Sivaraman, Assistant Professor, Department of Mathematics, St.Joseph's College, Trichy 3. Dr.Ghajendran Poovanandran Lecturer- School of Mathematics, Actuarial Science & Quantitative Studies, Asia Pacific University of Technology and Innovation, Kuala Lumpur,	International Seminar	97

			Malaysia		
29	16.02.22	A Symposium on Operations Research	<p>1. Dr.M. Senthil Kumar, Professor, Department of Applied Mathematics & Computational Sciences, PSG College of Technology, Coimbatore.</p> <p>2. Dr.S.Jeyabharathi Associate Professor, Department of Mathematics, Hindusthan Institute of Technology, Coimbatore</p>	Symposium	86
30	17.02.22	Industrial Visit to Aavin Palagam, Pachapalayam, Coimbatore	Mr.Antony, Aavin-The Coimbatore District Co-op Milk Producers Union Limited, Pachapalayam, Kalampalayam Post, Coimbatore	Industrial Visit	25
31	24.02.22	Business Model Development	Dr.B.Merceline Anitha, Assistant Professor, Department of Management Sciences, Sri Ramakrishna College of Arts and Sciences, Coimbatore	Webinar	

32	26.02.22	Health Management with Ayurveda	Dr.Aramya.A.R Consultant A.V.P Research Foundation Coimbatore	Supportive Staff Developme nt programme	57
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