

DEPARTMENT OF MATHEMATICS 2017-18

ASSOCIATION MEETINGS

Year	Date	Topic	Resource Person	No of Students
2017	19.07.2017(FN)	Mathematical Biology	Prof.Udayakumar, Head & Associate Professor, Gandhigram Rural University, Gandhigram	228
2018	14.02.2018	Guest Lecture on Graph theory	Dr.Sivasankar, Assistant Professor, NGM College, Pollachi	33

EXPOSURE VISITS (Educational Tours /Field trips)

Year	Date	Class	Visit	Duration in days	No of Students
2017	01.09.2017	II B.Sc Mathematics	Vainu Bappu Observatory, Kavalur, Javadu hills, Vellore (Under DBT Scheme)	1 day	44
2017	02.09.2017	II B.Sc Mathematics	yelakiri hills, Vellore (Under DBT Scheme)	1day	44
2017	30.09.2017-05.10.2017	III B.Sc Mathematics & II M.Sc Mathematics	Hyderabad & Bangalore	5 days	67

WORKSHOP/SEMINAR/CONFERENCE/HANDS ON TRAINING ATTENDED ORGANIZED

Year	Date	Topic	Resource Persons	Event	No of Beneficiaries
2017	26.07.2017	Hands on Training in SPSS	Dr.Geetha Suresh, Associate Professor, Stevenson University, Baltimore, USA	Hands on Training - DBT	25
2017	03.08.2017	Hands on Training in MATLAB	Mr.M.Kannan, Enthu Tech Solution Pvt Ltd, Coimbatore	Hands on Training - DBT	50
2017	10.10.2017	Fundamentals on Complex Analysis	1.Dr.S.Sivasubramanian Associate Professor, Department of Mathematics, Anna University, Tindivanam 2.Mr.J.Ruban Dhilipan Assistant Professor, Arul Ananthar College, Madurai	One day Seminar- DBT	157

2017	24.11.2017	DBT Sponsored Workshop on Latex	Dr.R.Malligarjunan, Assistant Professor CBM College , Coimbatore	Hands on Training - DBT	40
2017	21.12.2017	Workshop on "R" language	Nita Bhupatrai, Udhan Pvt Ltd, Coimbatore	Hands on Training - DBT	57
2018	05.01.2018	Trends and Challenges in Mathematical Modelling	Dr.Ramesh Venkadachalam Palani Assistant Professor, School of Mathematics and Computer Science, Central University of Tamilnadu, Thiruvarur. Dr.S.Dharmaraja Professor and Former Head, Department of Mathematics, Indian Institute of Technology, Delhi	National Seminar	365
2018	25.01.2018	Faculty Development Programme in LINUX	Dr.V. Vijaya Kumar, COE,Sri Ramakrishna College of Arts and Science,Coimbatore	Faculty Development	24
2018	01.02.2018-02.02.2018	Two day seminar on Differential Equations	Dr.K.Karuppaiah Kannappan, Assistant Professor , Government College of Engineering, Bodinayakanur, Theni	National Seminar	56
2018	31.01.2018	Eye hot of Lunar eclipse	Mr.Kuppuswamy, Retd.Observer, Vainu Bappu Observatory, Kavalur, Vellore	Out Reach Programme	500
2018	10.02.2018	Workshop on Latex	Dr.R.Malligarjunan, Assistant Professor CBM College , Coimbatore	Workshop	57
2018	16.02.2018	Hands on training in scilab	Dr.R.Rajeshwari, Assistant Professor, Department of Computer Applications, Bharathiar University	Hands on Training - DBT	50
2018	01.03.2018	Seminar on Differential Equations	Dr.Karruppiah Assistant Professor, Department of Mathematics, Government College of Engineering, Theni		

GUEST LECTURES (DBT)

Year	Date	Topic	Resource Person	No of Students
2017	21.07.2017	Continuous functions & Metric Spaces	Dr.M.Mutharasu, Assistant Professor, Department of Mathematics, C.B.M College,Coimbatore	107
2017	02.08.2017	Big Data	Mr.S.Krishna, Founder & Director, SKATE Inspired Learning(P)Ltd	107
2017	22.08.2017	FOSS for Mathematics	Dr.R.Parvathi, Associate and HOD of Mathematics, Vellalar College for Women,Erode	153
2017	30.08.2017	I,Me,Myself	Mr.C.Madhan Mohan, Chief Financial Officer, JS Auto Cost Foundary India Private limited	46
2017	13.09.2017	Motivation to do research in Mathematics	Mabel Lizzy.A, Research Scholar, Department of Mathematics, Bharathiar University, Coimbatore	107
2018	15.12.2017	Wonders of the night sky & Ramanujan Day Celebration	Prof.K.Smiles Mascarenhas, Dean (Academic Affairs),CIET,Coimbatore	228
2018	20.01.2018	Partial Differential Equations	1.Dr.Suvinthra, Assistant Professor, Department of Mathematics, Bharathiar University 2.Mabel Lizzy.A, Research Scholar, Department of Mathematics, Bharathiar University, Coimbatore	124
2018	31.01.2018	Lunar Eclipse	Mr.Kuppuswamy, Retd.Observer, Vainu Bappu Observatory, Kavalur,Vellore	500
2018	01.02.2018	Document Preparation	Mrs.Ann Usha Mangalam, HOD of Computer Science, Nirmala College for women,Coimbatore	45
2018	05.02.2018	R Programme	Dr.V.Vijaya Kumar, COE,Sri Ramakrishna College of Arts and Science,Coimbatore	57

2018	06.02.2018	Animation using power point	Ms.Jansi rani, HOD of Information Technology, Nirmala College for women,Coimbatore	45
2018	10.02.2018	Symposium on Algebra	Mr.R. Gnana Prakasam Lecturer, Govt Polytechnic College, Antipatti	67
2018	13.02.2018	Signals and Image Processing using MATLAB	Mr.Kannan Sr. Technical Engineer, enthu Technology Solutions, Coimbatore	50
2018	14.02.2018	Introduction to Graph theory	Dr.S.Sivasankar, Assistant Professor, Department of Mathematics, NGM College, Pollachi	57
2018	15.02.2018	Statistics for Marketing and Consumer Research using SPSS package	Dr.S.Lara Priyadharshini, Associate Professor, KV Institute of Management and Information Studies, Coimbatore	50
2018	21.02.2018	Celestial Bodies and installed Celecstron Telescope	Dr.Sakthivel, Professor of Physics, Adithya Institute of Technology, Coimbatore	150
2018	22.02.2018	Women Empowerment	Mrs.Arockia Roseline, Rythmm Socila Service Center, Coimbatore	45
2018	24.02.2018	Applications of Differential Equations	Dr.C.Veeramani, Assistant Professor, Department of Applied Mathematics, PSG College of technology	45
2018	08.03.2018	Women Empowerment programme	Rev.Dr.Sr.Arulseeli, HOD & Department of Tamil, Nirmala College	228
2018	12.03.2018	Applications of Mathematics in Botany	Dr.Mary Josephine, Head & Department of Botany, Nirmala College	107

FACULTY AWARDED Ph.D

S.No	Name of staff	Date of Registration	Date of Viva-Voce	Title	Name of the Supervisor
1	Antony Crispin Sweety	April 2014	19.06.2017	A Study on Neutrosophic Rough Sets and its Applications	Dr.Sr.I.Arockiarani
2	Dr.Sr.Dhanis Arul Mary	Sep 2013	10.03.2017	A study on Generalized nano sets in nano topological spaces	Dr.Sr.I.Arockiarani

M.Phil PRODUCED BY THE FACULTY

S.No	Name of Supervisor	Department	Candidate	Details of Part Time/ Full Time Scholars	Date of Completion
1	Dr.U.Mary	Mathematics	S.Shamila	Part Time	26.07.2017
2	Dr.Sr. A.Kulandai Therese	Mathematics	Carmel.M	Full Time	19.12.2017
3	Dr.Sr. A.Kulandai Therese	Mathematics	Kiruthika.R	Full Time	19.12.2017
4	Dr.A.Francina Shalini	Mathematics	Divya Bharathi	Full Time	19.12.2017
5	Mrs.K.Vaiyomathi	Mathematics	Athika	Full Time	19.12.2017
6	Dr.F.Nirmala Irudayam	Mathematics	Madhumathi.T	Full Time	20.12.2017
7	Dr.M. Trinita Pricilla	Mathematics	Pavulin Rani.S	Full Time	20.12.2017
8	Dr.K.Mohana	Mathematics	Vinnarasi.K	Full Time	20.12.2017
9	Dr.Sr. A.Kulandai Therese	Mathematics	Greeshma .N	Part Time	09.01.2018
10	Dr.K.Julia Rose Mary	Mathematics	Rajalakshmi	FullTime	09.01.2018
11	Dr.K.Mohana	Mathematics	Radhika .V	Part Time	26.02.2018
12	Dr.U.Mary	Mathematics	Nivetha. R	Part Time	06.03.2018
13	Dr.K.Julia Rose Mary	Mathematics	Shanmugapriya.C	Part Time	07.03.2018

Ph.D PRODUCED BY THE FACULTY

S.No	Name of the Candidate	Name of Supervisor	Department	Month and Year of Registration	Title of the Thesis	Date of Viva-Voce
1	A.R.Thilagavathi	Dr.K.Indirani	Mathematics	Jan 2012	A Combined Study of Minimal Spaces and Ideal Topological Spaces	15.06.2017
2	N.Rajeshwari	Dr.K.Indirani	Mathematics	Jan 2012	A Study on Inventory Systems with deteriorating Items,Power Demand and Partially Backlogged Shortages in Crisp,Fuzzy and Intuitionistic Fuzzy Environments	15.06.2017

3	Antony Crispin Sweety	Dr.Sr.I.Arockiarani	Mathematics	April 2014	A Study on Neutrosophic Rough Sets and its Applications	19.06.2017
4	Sr.Dhanis Arul Mary	Dr.Sr.I.Arockiarani	Mathematics	Sep 2013	A study on Generalized nano sets in nano topological spaces	10.03.2017
5	Sumathi.I.R	Dr.Sr.I.Arockiarani	Mathematics	September 2013	A new approach on fuzzy neutrosophic soft sets	22.08.2017
6	Reena.K	Dr.Sr.I.Arockiarani	Mathematics	April 2014	Contribution to the study on Lattices based on bipolar valued vague sets and its applications	15.09.2017
7	Uma Maheswari .S	Dr.K.Indirani	Mathematics	Sep 2014	Some new types of Graceful Labeling of graphs	15.09.2017
8	Martina Jency.J	Dr.Sr.I.Arockiarani	Mathematics	Sep 2013	Contributions to the study on single valued Neutrosophic sets	06.10.2017
9	Sharmila.S	Dr.Sr.I.Arockiarani	Mathematics	Nov 2014	A novel approach on different spaces via intuitionistic fuzzy set	04.12.2017
10	Jude Immaculate.H	Dr.Sr.I.Arockiarani	Mathematics	Sep2013	A New Approach On Intuitionistic Fuzzy Rough Sets in Approximation Spaces	07.12.2017
11	Selvi.A	Dr.Sr.I.Arockiarani	Mathematics	Sep2013	A study on generalized sets in soft ideal spaces	08.12.2017

STAFF PARTICIPATION IN CONFERENCES/WORKSHOPS/SEMINARS ETC

S.No	Date	Topic	Name of the Faculty	Name of Conferences/Seminars/Workshops/Training	Levels
1	09.03.2017-10.03.2017	Maximum Rainbow Neighbourhood number of graphs	Dr.Sr.A.Kulandai Therese	Two Day National Seminar on Some Recent Research Directions in Graph Theory	National
2	09.03.2017-10.03.2017	Planarity of Johan Colouring of Graphs	Dr.U.Mary	Two Day National Seminar on Some Recent Research Directions in Graph Theory	National
	May26th and 27 th 2017	Modeling of CREB pathway induced gene induction: from stimulation to repression		19 th International conference on Mathematical Biology, Barcelona-Spain,	International
	May26th	Evaluation		19 th International conference on	International

	and 27 th 2017	of serine and branched chain amino acid levels in depression and the beneficial effects of exercise in rats		Matemactical Biology, Barcelona-Spain,	
3	19.07.2017-21.07.2017	Rainbow Neighbourhood number of a graph and its line graph	Dr.Sr.A.Kulandai Therese	National Seminar on Discrete Mathematics and Applications	National
4	19.07.2017-21.07.2017	Johan set colouring of graphs	Dr.U.Mary	National Seminar on Discrete Mathematics and Applications	National
5	19.07.2017-21.07.2017	On chromatic core subgraph of simple graphs	Dr.U.Mary	National Seminar on Discrete Mathematics and Applications	National
6	19.07.2017-21.07.2017	The Wiener Polynomials and Wiener Index of graphs under some graph operations	Dr.U.Mary	National Seminar on Discrete Mathematics and Applications	National
7	26.05.2017-27.05.2017	Colouring sums of the join of certain graphs	Dr.K.Julia Rose Mary	19 th International conference on Matemactical Biology,Barcelona-Spain	International
8	26.05.2017-27.05.2017	Evaluation of serine and branched chain amino acid levels in depression and the beneficial effects of exercise in rats	Dr.K.Julia Rose Mary	19 th International conference on Matemactical Biology, Barcelona-Spain	International
9	11.10.2017-14.10.2017	Research Based Pedagogical tools	Dr.U.Mary	RBPT Workshop at Kochi, IISER Pune, Sacred Heart College, Kochi	National
10	21.10.2017	Plagiarism detection tools and techniques	Dr.A.Francis Shalini	UGC Sponsored Seminar, GVG College, Udumalpet	National

11	21.10.2017	Plagiarism detection tools and techniques	Dr.F.Nirmala Irudayam	UGC Sponsored Seminar,GVG College,Udumalpet	National
12	20.01.2018	Convention on the changing profile of the minority institutions and their polemic against the community vis-à-vis the official policy and plight of employees	Dr.U.Mary	Zone III AUT,Yelagiri Hill,Anna Salai,Vellore	National
13	24.02.2018	Internet of Things	1.Dr.U.Mary 2.Dr.F.Nirmala Irudayam 3.Dr.M.Trinita Pricilla	FDP organized by the department of CS,IT and BCA(Under DBT)	National
14	21.03.2018 & 22.03.2018	Workshop on Photoshop	1.Dr..Sr.A.K ulandai Therese 2. Dr.U.Mary 3.Dr.F.Nirmala Irudayam 4.Dr.M.Trinita Pricilla 5.Dr.K.Mohana	FDP organized by the department of CS,IT and BCA(Under DBT)	National
15	24.03.2018	Outcome Based Education	1.Dr.A.Sahaya Sudha 2. Dr.M.Trinita Pricilla 3.Dr.K.Mohana	Workshop Organised by IQAC	National

STUDENT PARTICIPATION IN CONFERENCES/WORKSHOPS/SEMINARS ETC

S.No	Name of student	Topic	Name of Conferences/Seminars/Workshops/ Training	National/ International
1	M.Carmel	Some Recent Research Directions in Graph Theory	Two Day National Seminar on Some Recent Research Directions in Graph Theory	National
2	R.Kiruthika	Some Recent Research Directions in Graph Theory	Two Day National Seminar on Some Recent Research Directions in Graph Theory	National
3	M.Jerlin Seles	Discrete Mathematics and Applications	National Seminar on Discrete Mathematics and Applications	National
4	M.Carmel	Discrete Mathematics and Applications	National Seminar on Discrete Mathematics and Applications	National
5	R.Kiruthika	Discrete Mathematics and Applications	National Seminar on Discrete Mathematics and Applications	National
6	S.Manime	Discrete Mathematics and	National Seminar on Discrete	National

	kalai	Applications	Mathematics and Applications	
7	A.Albina	Discrete Mathematics and Applications	National Seminar on Discrete Mathematics and Applications	National
8	M.Jerlin Seles	One Day Workshop on LATEX	One Day Workshop on LATEX	Workshop
9	M.Carmel	One Day Workshop on LATEX	One Day Workshop on LATEX	Workshop
10	R.Kiruthika	One Day Workshop on LATEX	One Day Workshop on LATEX	Workshop
11	M.Divya Bharathi	One Day Workshop on LATEX	One Day Workshop on LATEX	Workshop
12	T.Madhuma thi	One Day Workshop on LATEX	One Day Workshop on LATEX	Workshop
13	S.Pavulin Rani	One Day Workshop on LATEX	One Day Workshop on LATEX	Workshop
14	Preevith Madonna.V	MINI MTTTS – Madurai 2017 27.11.2017 -02.12.2017	National Board for Higher Mathematics, Government of India	National
15	Jhansi Rani.S	R-programming and Analytics	Hands on Training	National
16	Aparna.V	R-programming and Analytics	Hands on Training	National
17	Sneha.T.A	R-programming and Analytics	Hands on Training	National
18	Tresa Roselin.D	R-programming and Analytics	Hands on Training	National
19	Alphonsa Mary.S.M	R-programming and Analytics	Hands on Training	National
20	Kiruba.A	R-programming and Analytics	Hands on Training	National
21	Kavitha.G	Fractal representation of chronic myeloid leukemia	International conference on Applied Mathematics	International
22	Angelin Tidy.G	Recent Advances in Mathematics 2018	Sri Ramakrishna College of Arts and Science	National
23	Anitha.S	Recent Advances in Mathematics 2018	Sri Ramakrishna College of Arts and Science	National
24	Eliabeth Priynka.R	Recent Advances in Mathematics 2018	Sri Ramakrishna College of Arts and Science	National
25	Christy Jenier.J	Recent Advances in Mathematics 2018	Sri Ramakrishna College of Arts and Science	National
26	Monolisa.S	Recent Advances in Mathematics 2018	Sri Ramakrishna College of Arts and Science	National

PUBLICATION BY STAFF

Name of staff	Month and Year	Title of Paper	Name of the Journal	Details on the impact factor (Citation Index-Range, SNIP, SJR, Impact factor-range, h-index, No. in SCOPUS)
Dr.F.Nirmala Irudayam	May 2017	On Ω_{gb}^+ -closed sets in simple extension topological spaces	Elixir Applied Maths	Vol 105 Pg.No 46305-46307
Dr. A. Sahaya Sudha	June 2017	Arithmetic Operations on Intuitionistic Hexagonal Fuzzy Numbers Using α Cut	International Journal on Recent and Innovation Trends in Computing and Communication	Vol. 5, Issue: 6, pg 696 – 704
Dr. A. Sahaya Sudha	2017	A Value and Ambiguity-Based Ranking of	Advances in Fuzzy Mathematics	Volume 12, Number 4

		Symmetric hexagonal Intuitionistic Fuzzy Numbers in Decision Making		pp 867-879
Dr.F.Nirmala Irudayam	July 2017	On certain forms of contra continuity in simple extension topological spaces	International journal of Applied Research	Vol 3 Issue 5 Pg.No 1117-1122
Dr.A.Francina Shalini	Aug 2017	New functions in Bicech S_{β} - biclosure spaces	International Journal for Research in Applied Science and Engineering Technology	Vol 5 Issue 8 Pg.No 1296-1302
Dr.M.Trinita Pricilla	Aug 2017	Vague generalized b-continuous mappings	International Journal for Research in Applied Scienceand Engineering Technology	Vol 5 Issue 8 Pg.No 1408-1416
Dr.K.Julia Rose Mary	Aug 2017	M/M/C:N/FIFO Queuing Analysis for patient flow in hospital	International Journal for Research in Applied Scienceand Engineering Technology	Vol 5,Issue 8 Pg .No 2163-2169
Dr.K.Julia Rose Mary	Aug 2017	Fuzzy analysis for M/M/C finite capacity queuing model	International Journal of Applied Research	Vol 3,Issue 9 Pg.No 103-106
Dr.A.Francina Shalini	Sep 2017	Contra S_{β} -continuous and almost Contra S_{β} -continuous functions in Biclosure spaces	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 670-675
Dr.M.Trinita Pricilla	Sep2017	Vague contra generalized b-continuous mappings	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 682-685
Dr.K.Mohana	Sep2017	Various functions via supra soft gpr-closed sets in soft supra topological spaces	International Journal for Research trends and Innovation	Vol 2 Issue 10 Pg.No 1-10
Dr.K.Mohana	Oct 2017	Supra soft gpr-seperation axioms In soft supra topological spaces	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 1-5
Dr.K.Julia Rose Mary	2017	A study of structural changes of Airway in Human Asthma using Fractal dimension	Global Journal of pure and Applied Mathematics	Vol 13,Issue 5,Pg.No 56-60 ISSN:0973-1768
Dr.K.Julia Rose Mary	2017	Fractal representation of chronic myeloid Leukemia	Global Journal of pure and Applied Mathematics	Vol 13,Issue 5,Pg.No 44-48 ISSN:0973-1768
Dr. A. Sahaya Sudha	February 2018	Analysing MOIFLPP Using Heptagonal Intuitionistic Fuzzy Number	International Journal Of Creative Research Thoughts	Volume 6, Issue 1
Dr.M.Trinita Pricilla	Feb 2018	Neutrosophic vague generalized pre-continuous and irresolute mappings	International Journal of Engineering Science and Mathematics	Vol 7 Issue 2 Pg.No 228-244

Dr.K.Mohana	Feb 2018	IGSR-continuity and IGSR-compactness in Intuitionistic Topological spaces	International Journal of innovative research in technology	Vol. 4, Issue-9, 63-68.
Dr.K.Mohana	Feb 2018	Intuitionistic Generalized semi-regular co-kernal compact spaces	International Journal of Engineering science and computing	Vol. 8, Issue-2, 16066-16070
Dr.K.Mohana	Feb 2018	On generalized semi closed sets in Intuitionistic Topological spaces	International Journal of innovative research in technology	Vol. 4, Issue-9, 455-460.
Dr.K.Mohana	March 2018	On generalized semi-regular closed sets in Intuitionistic Topological spaces	International Journal of Mathematical Archive	Vol. 9, Issue-3, 101-105

PUBLICATION BY STUDENT

Name of student	Month and Year	Title of Paper	Name of the Journal	Details on the impact factor (Citation Index-Range, SNIP, SJR, Impact factor-range, h-index, No. in SCOPUS)
Madhumathi.T	May 2017	On $\Omega_{gb}+$ -closed sets in simple extension topological spaces	Elixir Applied Maths	Vol 105 Pg.No 46305-46307
Divya Bharathi.M	June 2017	Sg β -closed sets in Biclosure spaces	International journal of Applied Research	Vol 3 Issue 7 Pg.No 1188-1192
Vinnarasi.S	June 2017	Supra soft generalized pre-regular closed and open sets in soft supra topological spaces	International journal of Applied Research	Vol 3 Issue 7 Pg.No 1011-1017
Pavulin Rani.S	June 2017	Generalized b-closed sets in vague Topological spaces	International journal of Applied Research	Vol 3 Issue 7 Pg.No 519-525
Madhumathi.T	July 2017	On certain forms of contra continuity in simple extension topological spaces	International journal of Applied Research	Vol 3 Issue 5 Pg.No 1117-1122
Athika.A	Aug 2017	On soft $\pi g^* b^*$ closed sets in soft topological spaces	International journal of Applied Research	Vol 3 Issue 9 Pg.No 73-80
Divya Bharathi.M	Aug 2017	New functions in Bicech Sg β -biclosure spaces	International Journal for Research in Applied	Vol 5 Issue 8 Pg.No 1296-1302

			Science and Engineering Technology	
Pavulin Rani.S	Aug 2017	Vague generalized b-continuous mappings	International Journal for Research in Applied Science and Engineering Technology	Vol 5 Issue 8 Pg.No 1408-1416
Rajalakshmi.R	Aug 2017	M/M/C:N/FIFO Queuing Analysis for patient flow in hospital	International Journal for Research in Applied Science and Engineering Technology	Vol 5, Issue 8 Pg. No 2163-2169
Rajalakshmi.R	Aug 2017	Fuzzy analysis for M/M/C finite capacity queuing model	International Journal of Applied Research	Vol 3, Issue 9 Pg.No 103-106
Divya Bharathi.M	Sep 2017	Contra $Sg\beta$ -continuous and almost Contra $Sg\beta$ -continuous functions in Biclosure spaces	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 670-675
Pavulin Rani.S	Sep2017	Vague contra generalized b-continuous mappings	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 682-685
Vinnarasi.S	Sep2017	Various functions via supra soft gpr-closed sets in soft supra topological spaces	International Journal for Research trends and Innovation	Vol 2 Issue 10 Pg.No 1-10
Athika.A	Oct 2017	On Soft slightly $\pi g^* b^*$ continuous function in soft topological spaces	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 1000-1003
Athika.A	Oct 2017	On soft $\pi g^* b^*$ continuous function and soft almost $\pi g^* b^*$ continuous function in soft topological spaces	International Journal for Research trends and Innovation	Vol 2 Issue 10 Pg.No 11-14
Vinnarasi.S	Oct 2017	Supra soft gpr-separation axioms In soft supra topological spaces	International Journal for Scientific Research and Development	Vol 5 Issue 7 Pg.No 1-5
Kavitha.G	2017	A study of structural changes of Airway in Human Asthma using Fractal dimension	Global Journal of pure and Applied Mathematics	Vol 13, Issue 5, Pg.No 56-60 ISSN:0973-1768
Priyadharshini Infanta	2017	Fractal representation of chronic myeloid Leukemia	Global Journal of pure and Applied Mathematics	Vol 13, Issue 5, Pg.No 44-48 ISSN:0973-1768
Mary Margaret.A	Feb 2018	Neutrosophic vague generalized pre-continuous and irresolute mappings	International Journal of Engineering Science and Mathematics	Vol 7 Issue 2 Pg.No 228-244

Sr.Stephy Stephen	Feb 2018	IGSR-continuity and IGSR-compactness in Intuitionistic Topological spaces	International Journal of innovative research in technology	Vol. 4, Issue-9, 63-68.
Sr.Stephy Stephen	Feb 2018	Intuitionistic Generalized semi-regular co-kernal compact spaces	International Journal of Engineering science and computing	Vol. 8, Issue-2, 16066-16070
Janani.R	Feb 2018	On generalized semi closed sets in Intuitionistic Topological spaces	International Journal of innovative research in technology	Vol. 4, Issue-9, 455-460.
Sr.Stephy Stephen	March 2018	On generalized semi-regular closed sets in Intuitionistic Topological spaces	International Journal of Mathematica l Archive	Vol. 9, Issue-3, 101-105

PAPER PRESENTATION BY STAFF

S.No	Name of staff	Topic	Name of Conferences/Seminars/Workshops/ Training	National/ International
1	Dr.K.Julia Rose Mary	Modeling of CREB pathway induced gene induction:from stimulation to repression	19 th International conference on Matemactical Biology,Barcelona-Spain May26th and 27 th 2017	International
2	Dr.K.Julia Rose Mary	Evaluation of serine and branched chain amino acid levels in depression and the beneficial effects of exercise in rats	19 th International conference on Matemactical Biology, Barcelona-Spain May26th and 27 th 2017	International
3	Dr.Sr.A.Kulandai Therese	Maximum Rainbow Neighbourhood number of graphs	NBHM(Department of Atomic Energy, Government of India and Ayya Nadar Janaki Ammal College,Sivakasi	National
4	Dr.U.Mary	Planarity of Johan Colouring of Graphs	NBHM(Department of Atomic Energy, Government of India and Ayya Nadar Janaki Ammal College,Sivakasi	National
5	Dr.Sr.A.Kulandai Therese	Rainbow Neighbourhood number of a graph and its line graph	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
6	Dr.U.Mary	Johan set colouring of graphs	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
7	Dr.U.Mary	On chromatic core subgraph of simple graphs	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
8	Dr.U.Mary	The Wiener Polynomials and Weiner Index of graphs	Centre for studies in Discrete Mathematics,Vidya Academy of	National

		under some graph operations	Science and Technology, Thrissur, Kerala, India	
9	Dr.U.Mary	Colouring sums of the join of certain graphs	Centre for studies in Discrete Mathematics, Vidya Academy of Science and Technology, Thrissur, Kerala, India	National
10	Dr.Sr.A.Kulandai Therese	A graph theory based construction of wireless sensor networks with energy parameter	Nirmala Annual Research Congress	National
11	Dr.Sr.A.Kulandai Therese	Rainbow neighbourhood number of certain graphs and its mycielski graphs	Nirmala Annual Research Congress	National
12	Dr.U.Mary	Johan Colouring on chromatic core subgraph of simple graphs	Nirmala Annual Research Congress	National
13	Dr.U.Mary	Johan total colouring of graphs	Nirmala Annual Research Congress	National
14	Dr.U.Mary	On certain statistical parameters of graph	Nirmala Annual Research Congress	National
15	Dr.U.Mary	Computing topological index for chemical structure in drugs	Nirmala Annual Research Congress	National
16	Dr.U.Mary	A study on johan colouring number for some join of graph	Nirmala Annual Research Congress	National
17	Dr.U.Mary	Square multiplicative labeling of graph	Nirmala Annual Research Congress	National
18	Dr.U.Mary	Rainbow neighbourhood number of graphs	Nirmala Annual Research Congress	National
19	Dr.K.Julia Rose Mary	A comparative study of fractal dimension of restrictive lung diseases	Nirmala Annual Research Congress	National
20	Dr.K.Julia Rose Mary	Fractal dimension of nucleus in chronic myeloid leukemia cell	Nirmala Annual Research Congress	National
21	Dr.A.Sahaya Sudha	A moiflpp analysis using heptagonal 14ntuitionistic fuzzy number	Nirmala Annual Research Congress	National
22	Dr.A.Sahaya Sudha	Multi-attribute decision making method based on correlation in hexagonal 14ntuitionistic fuzzy numbers	Nirmala Annual Research Congress	National
23	Dr.A.Franci na Shalini	Czech M-closed maps in closure spaces	Nirmala Annual Research Congress	National
24	Dr.F.Nirmal a Irudayam	On characterization of infra b-separation axioms in infra topological space	Nirmala Annual Research Congress	National
25	Dr.F.Nirmal a Irudayam	Application of Neutrosophic soft cubic sets in pattern recognition	Nirmala Annual Research Congress	National
26	Dr.F.Nirmal a Irudayam	Ω_{gb}^{+} -regular and normal spaces in simple extension topological spaces	Nirmala Annual Research Congress	National
27	Dr.M.Trinit a Pricilla	Completely generalized b continuous functions and slightly generalized b continuous functions in vague topological spaces	Nirmala Annual Research Congress	National
28	Dr.M.Trinit a Pricilla	Some operations on fuzzy neutrosophic sets	Nirmala Annual Research Congress	National
29	Dr.K.Moha	On new classes of soft sets via	Nirmala Annual Research Congress	National

	na	soft –gpr-open sets in soft supra topological spaces		
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PAPER PRESENTATION BY STUDENTS

S.No	Name of student	Topic	Name of Conferences/Seminars/Workshops/ Training	National/ International
1	M.Carmel	Maximum Rainbow Neighbourhood number of graphs	NBHM(Department of Atomic Energy, Government of India and Ayya Nadar Janaki Ammal College,Sivakasi	National
2	R.Kiruthika	Planarity of Johan Colouring of graphs	NBHM(Department of Atomic Energy, Government of India and Ayya Nadar Janaki Ammal College,Sivakasi	National
3	M.Jerlin Seles	On chromatic core subgraph of simple graphs	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
4	M.Carmel	Rainbow neighbourhood number of a graph and its line graph	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
5	R.Kiruthika	Johan set colouring of graphs	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
6	S.Manimekalai	The Wiener Polynomials and Weiner Index of graphs under some graph operations	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
7	A.Albina	Colouring sums of the join of certain graphs	Centre for studies in Discrete Mathematics,Vidya Academy of Science and Technology,Thrissur,Kerala,India	National
8	Greeshma.N	A graph theory based construction of wireless sensor networks with energy parameter	Nirmala Annual Research Congress	National
9	Carmel.M	Rainbow neighbourhood number of certain graphs and its mycielski graphs	Nirmala Annual Research Congress	National
10	Jerlin Seles.M	Johan Colouring on chromatic core subgraph of simple graphs	Nirmala Annual Research Congress	National
11	Kiruthika.R	Johan total colouring of graphs	Nirmala Annual Research Congress	National
12	Esther Deepa	On certain statistical parameters of graph	Nirmala Annual Research Congress	National
13	Manimegalai.A.S	Computing topological index for chemical structure in drugs	Nirmala Annual Research Congress	National
14	Tamilarasi.K	A study on johan colouring number for some join of graph	Nirmala Annual Research Congress	National
15	Nivetha.R	Square multiplicative	Nirmala Annual Research Congress	National

		labeling of graph		
16	Vijayalakshmi.S	Rainbow neighbourhood number of graphs	Nirmala Annual Research Congress	National
17	Priyadarshini Infanta.C	A comparative study of fractal dimension of restrictive lung diseases	Nirmala Annual Research Congress	National
18	Kavitha.G	Fractal dimension of nucleus in chronic myeloid leukemia cell	Nirmala Annual Research Congress	National
19	Revathy.M	A moiflpp analysis using heptagonal 16ntuitionistic fuzzy number	Nirmala Annual Research Congress	National
20	Vijayalakshmi.R	Multi-attribute decision making method based on correlation in hexagonal 16ntuitionistic fuzzy numbers	Nirmala Annual Research Congress	National
21	Divya Bharathi.M	Czech M-closed maps in closure spaces	Nirmala Annual Research Congress	National
22	Vaiyomathi.K	On characterization of infra b-separation axioms in infra topological space	Nirmala Annual Research Congress	National
23	Anitha Cruz.R	Application of Neutrosophic soft cubic sets in pattern recognition	Nirmala Annual Research Congress	National
24	Madhumathi.T	Ω_{gb}^{+*} -regular and normal spaces in simple extension topological spaces	Nirmala Annual Research Congress	National
25	Pavulin Rani.S	Completely generalized b continuous functions and slightly generalized b continuous functions in vague topological spaces	Nirmala Annual Research Congress	National
26	Mary Margaret.A	Some operations on fuzzy neutrosophic sets	Nirmala Annual Research Congress	National
27	Vinnarasi.S	On new classes of soft sets via soft -gpr-open sets in soft supra topological spaces	Nirmala Annual Research Congress	National
28	Athika.A	Soft $\pi g^* b^*$ - locally closed sets and Soft $\pi g^* b^*$ - locally continuous function in soft topological spaces	Nirmala Annual Research Congress	National

Refresher course/ orientation programme/ faculty improvement programme/ hrd programme/ faculty exchange programme/ staff training conducted by the university or other institutions, summer, winter training, etc attended by the faculty.

S.No	Date	Name of the Faculty	Department	Title	Organized by
1	05.07.2017-25.07.2017	Dr.A.Sahayasdha	Mathematics	Refresher Course	Bharathiar University
2	17.11.2017-14.12.2017	Dr.F.Nirmala Irudayam	Mathematics	Orientation Course	Bharathiar University
3	17.11.2017-14.12.2017	Dr.M.Trinita Pricilla	Mathematics	Orientation Course	Bharathiar University
4	17.11.2017-14.12.2017	Dr.K.Mohana	Mathematics	Orientation Course	Bharathiar University

MAJOR/MINOR PROJECTS

S.No	Date	Name of Faculty	Topic	Funding Agency	Amount(Rs.)	Sanctioned/ Ongoing/Completed
1	Oct 2016	Dr.A.Sahayasudha	Mathematical Application for water management studies in Agricultural crop cultivation	UGC	5,00,000	Ongoing

OTHER ACADEMIC CONTRIBUTIONS-FACULTY

S.No	Date	Name of faculty	Department	Nature of work	Work done for
1	26.05.2017 - 26.05.2017	Dr. K. Julia Rose Mary	Mathematics	chairperson	19 th International conference on Matematical Biology,Barcelona-Spain
2	30.06.2017	Dr.U.Mary	Mathematics	Guest Lecture	Dr.N.G.P College of Arts and Science, Coimbatore
3	03.07.2017	Dr.U.Mary	Mathematics	Inaugural Address	Chinmaya Vidyalaya Matriculation School, Coimbatore
4	06.07.2017	Dr.U.Mary	Mathematics	Guest Lecture	Sri Krishna Aditya College,Coimbatore
5	15.07.2017	Dr.U.Mary	Mathematics	Subject expert in the Board of Studies	CMS College of Arts and Science, Coimbatore
6	21.07.2017	Dr.U.Mary	Mathematics	Guest Lecture	Vidya Academy,Thrissur
7	28.07.2017	Dr.U.Mary	Mathematics	Inaugural Address	Hindusthan College,Coimbatore
8	18.09.2017	Dr. K. Julia Rose Mary	Mathematics	M.Phil Viva-voce Examiner	Avinashilingam University,Coimbatore
9	26.09.2017	Dr.U.Mary	Mathematics	Question Paper Scrutiny Board	Dr.N.G.P Arts and Science College
10	20.10.2017	Dr.U.Mary	Mathematics	External examiner for Practicals	Dr.SNS Rajalkashmi College of Arts and Science
11	23.10.2017	Dr.A.Sahaya Sudha	Mathematics	Project Viva-Voce examiner	GVG Visalakshi Collge for Women
12	11.01.2018	Dr.K.Julia Rose Mary	Mathematics	Guest Lecture	PSGR Krishnammal College,Coimbatore
13	24.01.2018	Dr.U.Mary	Mathematics	Guest Lecture	KGISL College of Arts and Science,Coimbatore

14	17.02.2018	Dr.U.Mary	Mathematics	Board of Studies Meeting	PSGR Krishnammal College,Coimbatore
15	24.03.2018	Dr.U.Mary	Mathematics	Board of Studies Meeting	PSG CAS
16	02.04.2018	Dr.K.Julia Rose Mary	Mathematics	Project Viva-Voce examiner	RVS College of Arts and Science,Coimbatore
17	09.04.2018	Dr.U.Mary	Mathematics	Practical Examiner	Sri Ramakrishna Vidyalaya College of Arts and Science
18	12.04.2018	Dr.A.Sahaya Sudha	Mathematics	Question Paper Scrutiny Board	Dr.N.G.P Arts and Science College

Students Participation Prize and Awards:

S. No	Date	Name & Class	Event	Participation/ Prize/ Award	Details of the Organizing Committee
1.	08.07.2017	Prakati.P II B.Sc Mathematics	Elocution	Third	Tamilnadu Kalai Ilakkiya Peru Mandram-Hindusthan College of Arts and Science
2.	04.08.2017	P.Meena I M.Sc Mathematics	Quibble	First	SOLSTICE-17 Sri Ramakrishna Mission Vidyalaya College of Arts and Science
3.	04.08.2017	M.Emimanimcy I M.Sc Mathematics	Quibble	First	SOLSTICE-17 Sri Ramakrishna Mission Vidyalaya College of Arts and Science
4.	05.08.2017	Prakati.P II B.Sc Mathematics	Song competition	Participated	Perarinar Anna birthday celebration
5.	05.08.2017	Pavirthana.K II B.Sc Mathematics	Song competition	Participated	Perarinar Anna birthday celebration
6.	05.08.2017	Alice Josephine.G II B.Sc Mathematics	Song competition	Participated	Perarinar Anna birthday celebration
7.	11.12.2017	Prakati.P II B.Sc Mathematics	Elocution	First Prize	Mupperum Vizha-Nirmala College for Women
8.	11.01.2018	Alice Josephine.G II B.Sc Mathematics	Essay Writing	Second Prize	P.S.G College of Arts and Science, Coimbatore
9.	11.01.2018	Prakati.P II B.Sc Mathematics	Elocution	Second Prize	P.S.G College of Arts and Science, Coimbatore
10.	11.12.2017	T. Vargees Vaghini-	Math	First Place	Ramanujan's Day Celebration

		II B.ScMaths S. Supraja- II B.ScMaths	Modelling		
11.	11.12.2017	B. Marsha Reolin- II B.ScMaths G. Alice Josephine- II B.ScMaths	Math Modelling	Second place	Ramanujan's Day Celebration
12.	11.12.2017	R. InfantaAnuJosy- III B.ScMaths K. Reena- III B.ScMaths	Math Modelling	Third place	Ramanujan's Day Celebration
13.	11.12.2017	J. Angel Kalaivani- II B.ScMaths T. Elizabeth Jeyanthi- II B.ScMaths	Rangoli	First Place	Ramanujan's Day Celebration
14.	11.12.2017	P. Jaya Priya - I M.ScMaths G. Divyadharshini- I M.ScMaths	Rangoli	Second place	Ramanujan's Day Celebration
15.	11.12.2017	M. Iswarya- II M.ScMaths R. Meena- II M.ScMaths	Rangoli	Third place	Ramanujan's Day Celebration
16.	12.12.2017	S.M. Alphonsa- III B.ScMaths A. Deepa- III B.ScMaths	Connection	First Place	Ramanujan's Day Celebration
17	12.12.2017	K. Pavithra- II B.ScMaths B. Marsha Reolin- II B.ScMaths	Connection	Second place	Ramanujan's Day Celebration
18	12.12.2017	R. InfantaAnuJosy- III B.ScMaths K. Reena- III B.ScMaths	Connection	Third place	Ramanujan's Day Celebration
19	12.12.2017	T.A. Sneha- III B.ScMaths S. Yuvabharathi- II B.ScMaths C. Karen Felicita-I	Quiz	First Place	Ramanujan's Day Celebration

		B.ScMaths			
20	12.12.2017	K. Jasmine- III B.ScMaths P. Prakati- II B.ScMaths R. ArokiyaObsi- I B.ScMaths	Quiz	Second place	Ramanujan's Day Celebration
21	11.01.2018	G. Alice Josephine- II B.ScMaths	Compositio n	Second place	P.S.G College of Arts and Science
22	11.01.2018	P.Prakati- II B.ScMaths	Elocution	Second place	P.S.G College of Arts and Science
23	19.01.2018	P.Prakati- II B.ScMaths	Elocution	Second place	Sri Krishna College of Arts and Science
24\	30.01.2018	Sangeetha.R- I M.Sc Mathematics	Math Connection	First place	Kongunadu Arts and Science College
25	30.01.2018	Divyadharshini.G- I M.Sc Mathematics	Math Connection	First place	Kongunadu Arts and Science College
26	20.02.2018	Preevith Madonna.V	Math Quiz	First place	Pioneer College of Arts and Science
27.	20.02.2018	Reena.K	Math Quiz	First place	Pioneer College of Arts and Science
28.	20.02.2018	Infanta Anu Josy.R	Math Quiz	Third place	Pioneer College of Arts and Science
29.	20.02.2018	Alphonsa Mary.S.M	Math Quiz	Third place	Pioneer College of Arts and Science