

NAME OF THE DEPARTMENT: Mathematics

ACTIVITIES OF THE DEPARTMENT 2016-17

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

S.No	Date	Topic	Resource Person (designation with complete official address)	Event
1	08.08.2016	Lateral Thinking	Prof. K. Smiles Mascarenhas ME., Ph.D, Dean Academic affairs , Coimbatore Institute of Engineering and technology,Coimbatore	Association Meeting
2	29.08.2016	Regression-A possibility beyond inconsistency	Dr.T.Palanisamy,Associate Professor in Mathematics,Amrita Vishwa Vidya Peetham,Coimbatore	Guest Lecture
3.	07.01.2017	Real Analysis	Mr.Suresh Kumar, Chikkanna Government Arts College,Tiruppur- 641 602	NET/SET coaching class for M.Phil(Mathematics) and II M.Sc Mathematics Students.

Ph.D. PRODUCED BY THE FACULTY

S. No	Name of the Candidate	Name of the Supervisor	Department	Month and Year of Registration	Title of the Thesis	Date of Viva-Voce
1.	Senthil Kumar.R	Dr.K.Indirani	Mathematics	Jan 2012	Some Contributions to ideal topological Space	07.04.2016

M. Phil PRODUCED BY THE FACULTY

S.No	Name of the Supervisor	Department	Candidate	Details of Part Time /Full Time Scholars	Date of Completion
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1.	Dr.U.Mary	Mathematics	Anju Antony	FT	01.04.2016
2.	Dr.Sr.A.Kulandai Therese	Mathematics	Santha Kumari.A	FT	12.04.2016
3.	Dr.K.Indirani	Mathematics	Sindu Surya.R	FT	15.04.2016
4.	Dr.K.Julia Rose Mary	Mathematics	Majula Chitistina G	FT	12.04.2016

PAPER PRESENTATION BY THE FACULTY

S. No	Date	Name of the faculty	Department	Topic	Category	Organizing Committee
1.	29.04.2016& 30.04.2016	Dr.Sr.A.Kulandai Therese	Mathematics	A study on Zagreb indices for Lollipop and Jaco graphs	VI National Conference on Emerging Trends in Graph Theory	Christ University, Bangalore.
2.	29.04.2016& 30.04.2016	Dr.U.Mary	Mathematics	A study on Zagreb indices for Lollipop and Jaco graphs	VI National Conference on Emerging Trends in Graph Theory	Christ University, Bangalore.

PUBLICATION BY THE FACULTY (including books, lab manuals with/ without ISBN No.)

S. No	Date	Name of the faculty	Department	Topic	Name of the Journal	Details on the impact factor (Citation Index-Range, SNIP, SJR, Impact factor-range, h-index, No. in SCOPUS)
1.	May 2016	Dr.K.Julia Rose Mary	Mathematics	Analysis of M/M(a,b)/1/MWV /Br Queueing model	IJCA	(0975-8887) Vol(141) Issue(7) Pg(1-4)
2.	May 2016	Dr.K.Julia Rose Mary	Mathematics	Analysis of FM/FM(a,b)/1/MWV /Br Queueing model	IJCA	(0975-8887) Vol(142) Issue(11) Pg(18-22)

3	Aug 2016	Dr.K.Julia Rose Mary	Mathematics	Analaysis of FM/M/1/N Queueing system with Reverse Balking and Reverse Reneging	International journal of Informative & Futuristic Research	ISSN: 2347-1697 Vol(3) Issue 12 Pg(4590- 4597)
4	Sep 2016	Dr.K.Julia Rose Mary	Mathematics	Finite capacity of single server Queueing system with Reverse Reneging in Fuzzy Environment	International Advanced Research journal in Science , Engineering and Technology	ISSN 2394-1588 Vol(3) Issue9 Pg(67-70)
5	June 2016	Dr.A.Sahaya Sudha	Mathematics	Solving FLPP with symmetric Trapezoidal fuzzy Numers	IJIFR	(2348- 1697) Vol 3Issue10 Pg(3753- 3761)
6.	May 2016	Dr.F.Nirmala Irudayam	Mathematics	On a Weaker form of b-open sets in Extended topological Spaces	Int.Journal of innovative research in Science,Engineeri ng and Technology	Vol5, Issue 5 5.442/ 2319-8753
7.	May 2016	Dr.F.Nirmala Irudayam	Mathematics	On the Generalizations of $*+b$ sets in Simple Extended topological Spaces	Int.Journal of innovative research in Science,Engineeri ng and Technology	Vol5, Issue 5 5.442/ 2319-8753

8.	May 2016	Dr.F.Nirmala Irudayam	Mathematics	A Novel form of pigb-closed sets in Extended topological Spaces	Int.Journal of innovative research in Science,Engineering and Technology	Vol5, Issue 5 5.442/ 2319-8753
9.	May 2016	Dr.F.Nirmala Irudayam	Mathematics	A new weaker form of pigb-continuity	Int.Journal of innovative research in Science,Engineering and Technology	Vol5, Issue 5 5.442/ 2319-8753
10	Aug 2016	Dr.F.Nirmala Irudayam	Mathematics	On generalized \ast^+b continuous and irresolute maps	International Journal of engineering Science and Computing	, 5.6/ISSN 2319-7323
11	June 2016	Dr.M. Trinita Pricilla	Mathematics	$\mu\alpha^*$ -closed set and $\mu\alpha^{**}$ -closed set in supra topological spaces	Int.Journal of innovative research in Science,Engineering and Technology	Vol5, Issue 6 11558-11562 5.442/ 2319-8753
12	July 2016	Dr.M. Trinita Pricilla	Mathematics	A new Version of Locally Closed Sets in Nano Topological Spaces	International Advanced Research Journal in Science,Engineering and Technology	3(7) , 3.943/ 2393-8021
13	2016	Dr.K.Mohana	Mathematics	Low separation Axioms via $(1, 2)^*$ - M_{nr} -closed sets in biminimal spaces	Int. Jour. For research in Mathematics and Mathematics Sciences	2(2)

14	2016	Dr.K.Mohana	Mathematics	Contra-(1, 2)*- $M\delta\pi$ -continuous functions in bitopological spaces	IJRSR	7(1), 8505-8514 0976-3031/5.971
15	2016	Dr.K.Mohana	Mathematics	α^{13} -totally-(1, 2)*- $\pi g\alpha$ -continuous functions in bitopological spaces	Asian Journal of current engineering and Maths	5(1), 17-20 2277-4920
16	June 2016	Mrs.K.Vaiyomathi	Mathematics	strongly g^* 's –closed sets in topological spaces	Int.Journal of innovative research in Science, Engineering and Technology	Vol5, Issue 5 2319-8753
17	June 2016	Mrs.K.Vaiyomathi	Mathematics	On (1, 2)*- $\pi g b^*$ closed sets in Bitopological spaces	Int.Journal of innovative research in Science, Engineering and Technology	Vol5, Issue 5 2319-8753
18	Sep 2016	Dr.K.Indirani	Mathematics	On supra regular generalized star star b-closed sets in supra topological spaces	Int.Journal of Applied Research	Vol2, Issue 9 Pg: 748-755 ISSN:2394-5869
19	Aug 2016	Dr.M.Trinita Pricilla	Mathematics	New Class of Nano *Generalized b-continuous functions in nano	International Journal of Engineering Science and	Vol6, Issue No8 2250-1371

				topological Spaces	Computing	
20	15.12 .2016 - 16.12 .2016	Dr.U.Mary	Mathematics	A Study on Mcpherson number of $J_n(1)$	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978- 93-84124- 93-9
21	15.12 .2016 - 16.12 .2016	Dr.Sr. A.Kuandai Therese	Mathematics	Harmonic Polynomial and Chromatic harmonic polynomial and indices for linear jaco graph	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978- 93-84124- 93-9
22	15.12 .2016 - 16.12 .2016	Dr.A.Sahaya Sudha	Mathematics	Analysing an Intuitionistic fuzzy linear programming problem using (α, β) -cuts	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978- 93-84124- 93-9
23	15.12 .2016 - 16.12 .2016	Dr.K.Julia Rose Mary	Mathematics	Operating Characteristics of M/M(alb)/1/MW V/BD queuing	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978- 93-84124- 93-9
24	15.12 .2016 - 16.12 .2016	Dr.M.Trinita Pricilla	Mathematics	A note on various types of continuity via J_p^μ – closed sets and $J_p^{\mu*}$ – closed sets	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978- 93-84124- 93-9
25	15.12 .2016 - 16.12	Dr.F.Nirmala Irudayam	Mathematics	On Ω_{gb}^* and Ω_{gb}^* in simple extension ideal	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978-

	.2016			topological spaces		93-84124-93-9
26	15.12 .2016 - 16.12 .2016	Dr.F.Nirmala Irudayam	Mathematics	A new form of b-open sets in infra topological spaces	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
27	15.12 .2016 - 16.12 .2016	K.Vaiyomathi	Mathematics	A new form of b-open sets in infra topological spaces	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
28	15.12 .2016 - 16.12 .2016	Dr.A.Sahaya Sudha	Mathematics	Application of symmetric hexagonal intuitionist fuzzy numbers in a transportation problem	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
29	15.12 .2016 - 16.12 .2016	Dr.A.Sahaya Sudha	Mathematics	MCDM for choosing a best alternative applying AHP	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
30	15.12 .2016 - 16.12 .2016	Dr.K.Indirani	Mathematics	$rg^{**}b^{\mu}$ - Locally closed sets and $rg^{**}b^{\mu}$ - Locally continuous functions in supra topological spaces	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
31	15.12 .2016 - 16.12	Dr.K.Julia Rose Mary	Mathematics	Analysis of FM/M/1/N queuing system with reverse	Mathematical Sciences International Research Journal	Vol5 Issue 2 2016 ISSN 2278-8697

	.2016			balking		ISBN 978-93-84124-93-9
32	15.12 .2016 - 16.12 .2016	Dr.K.Julia Rose Mary	Mathematics	Fuzzy analys of $M^X/M/1/MWV$ with breakdown queuing model	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
33	15.12 .2016 - 16.12 .2016	Dr.A.Francina Shalini	Mathematics	Cech M-closed sets in closure spaces	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
34	15.12 .2016 - 16.12 .2016	Dr.Sr.I.Arockiarani	Mathematics	Pairwise Intuitionistic fuzzy regular voltterr spaces	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
35	15.12 .2016 - 16.12 .2016	Dr.K.Indirani	Mathematics	A study on weakly ultra separation axioms va $(\mu)^* \beta$ -kernel set	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
36	15.12 .2016 - 16.12 .2016	Dr.K.Indirani	Mathematics	On nano generalized open sets in nano topological spaces	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9
37	15.12 .2016 - 16.12 .2016	Dr.K.Indirani	Mathematics	Some results on contra nano $rg^{**}bB$ -closed and open maps in nano topological spaces	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978-93-84124-93-9

38	15.12 .2016 - 16.12 .2016	K.Vaiyomathi	Mathematics	Nano star pre generalized closed sets in nano topological spaces	Mathematical Sciences International Research Journal	Vol 5 Issue 2 2016 ISSN 2278-8697 ISBN 978- 93-84124- 93-9
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WORKSHOP/ CONFERENCE/ SYMPOSIUM ORGANISED BY THE DEPARTMENT

No	Date	Workshop/ Conference/ Symposium	Topic	Department	Resource Person(with designation & official address)	Amount Sanctioned Rs.	Sponsored by
1	15.12.2016- 16.12.2016	International Conference	International Conference on Mathematics and Computer Science (ICMCS- 2016)	Mathematics	Chief guest: Prof.Dr.E.Balaguruswamy, Chairman, EBG Foundation and the former Vice-Chancellor of Anna University, Chennai Resource Persons: <ul style="list-style-type: none"> • Dr.Changhyuck Oh, Professor, Department of Statistics,Yeungnam University, Korea • Dr.Gang Liu, Professor in Mathematics and Computational Science, Hengyang Normal University, China • Prof.Dr.Pankaj Srivastava, Professor of Mathematics, Motilal Nehru National Institute of Technology, Allahabad • Dr.S.Ponnusamy, Head and Associate Professor, Indian Statistical Institute, Chennai 	-	

					<ul style="list-style-type: none">• Dr.V.N.Manjunath Aradhya, Associate Professor, Department of M.C.A, SriJayachamarajendra College of Engineering, Mysore• Mr.Liu Zhihong, Professor in Mathematics and Computational Science, Hengyang Normal University, China• Mr.S.Vibin Chander, Campus Head (ICT), Blue Crest University, Ghana, West Africa• Dr.Lellis Thivagar, Chairman, School of Mathematics and Head of the department of Mathematics, Madurai Kamaraj University, Madurai• Mr.Pratyush Praveen, Analytics Practice Manager, IBM Analytics• Dr.Robert Lourdusamy, Associate Professor, Department of Computer Science, Government Arts & Science College, Coimbatore	
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PARTICIPATION OF THE FACULTY IN SEMINARS, CONFERENCES & WORKSHOPS

S. No	Date	Name of the faculty	Department	Title of the Seminar/ Conference/ Workshop etc	Category (National/ International etc.)	Organizing Committee
1.	02.04.2016	Dr.U.Mary	Mathematics	Latex workshop		Karunya University, Coimbatore
2.	29.04.2016 & 30.04.2016	Dr.Sr.A.Kulandai Therese	Mathematics	Emerging Trends in Graph Theory	VI National Conference	Christ University, Bangalore
3.	29.04.2016 & 30.04.2016	Dr.U.Mary	Mathematics	Emerging Trends in Graph Theory	VI National Conference	Christ University, Bangalore

OTHER ACADEMIC CONTRIBUTIONS – FACULTY

(i) As Resource person for seminar/ conference :

Sl. No.	Name	Department	Theme	Level	Date	Venue
1	Dr.U.Mary	Mathematics	Trees and Planar graphs	Resource Person	14.07.2016	Hindusthan College of Engineering, Coimbatore
2.	Dr.U.Mary	Mathematics	Applications of Mathematics	Chief Guest	09.08.2016	KSG College of Arts and Science, Coimbatore

(ii) As Convenor for inspection/Staff Selection Committee :

Sl. No.	Name	Department	Permanent Affiliation/Increase in Intake	College	Date
1.	Dr.Sr.I.Arockiarani	Mathematics	Convenor - Permanent Affiliation	Vidyasagar College of Arts and Science,	20.08.2016

				Udumalpet	
2.	Dr.K.Indirani	Mathematics	Subject expert in the selection committee for the selection of Assistant Professor of Mathematics	P.S.G.R Krishnammal College for women,Coimbatore	17.07.2016
3.	Dr.K.Indirani	Mathematics	Subject expert for the Academic Audit	P.S.G College of Arts and Science, Coimbatore	22.08.2016
4.	Dr.K.Indirani	Mathematics	Convenor-Increase in Intake for M.Phil	Providence College,Coonoor.	10.09.2016

PAPER PRESENTATION BY THE STUDENTS

S. No	Date	Name of the student	Department	Topic	Category	Organizing Committee
1	15.12.2016-16.12.2016	M.Jerlin Seles	Mathematics	A Study on Mcpherson number of $J_n(1)$	International Conferece	IMRF &Nirmala College
2	15.12.2016-16.12.2016	R.Sahana	Mathematics	A Study on Mcpherson number of $J_n(1)$	International Conferece	IMRF &Nirmala College
3	15.12.2016-16.12.2016	R.Jayasree	Mathematics	Harmonic Polynomial and Chromatic harmonic polynomial and indices for linear jaco graph	International Conferece	IMRF &Nirmala College
4	15.12.2016-16.12.2016	M.Revathy	Mathematics	Analysing an Intuitionistic fuzzy linear programming problem using (α, β) -cuts	International Conferece	IMRF &Nirmala College

5	15.12.2016-16.12.2016	R.Rajalakshmi	Mathematics	Operating Characteristics of M/M(alb)/1/MWV/BD queuing	International Conference	IMRF &Nirmala College
6	15.12.2016-16.12.2016	S.Pavulin Rani	Mathematics	A note on various types of continuity via J_p^μ - closed sets and $J_p^{\mu*}$ - closed sets	International Conference	IMRF &Nirmala College
7	15.12.2016-16.12.2016	T.Madhumathi	Mathematics	On Ω_{gb}^* and Ω_{gb}^* in simple extension ideal topological spaces	International Conference	IMRF &Nirmala College
8	15.12.2016-16.12.2016	K.B.Vijayalakshmi	Mathematics	Application of symmetric hexagonal intuitionist fuzzy numbers in a transportation problem	International Conference	IMRF &Nirmala College
9	15.12.2016-16.12.2016	S.Anitha	Mathematics	MCDM for choosing a best alternative applying AHP	International Conference	IMRF &Nirmala College
10	15.12.2016-16.12.2016	K.Ludi Jancy Jenifer	Mathematics	$rg^{**}b^\mu$ - Locally closed sets and $rg^{**}b^\mu$ - Locally continuous functions in supra topological spaces	International Conference	IMRF &Nirmala College
11	15.12.2016-16.12.2016	J.Pavithra	Mathematics	Analysis of FM/M/1/N queuing system with reverse balking	International Conference	IMRF &Nirmala College
12	15.12.2016-16.12.2016	M.Divyabharathi	Mathematics	Cech M-closed sets in closure spaces	International Conference	IMRF &Nirmala College
13	15.12.2016-16.12.2016	J.Maria Remona	Mathematics	Fuzzy analysis of $M^X/M/1/MWV$ with breakdown queuing model	International Conference	IMRF &Nirmala College

14	15.12.2016-16.12.2016	S.Sharmila	Mathematics	Pairwise Intuitionistic fuzzy regular volterr spaces	International Conferece	IMRF &Nirmala College
15	15.12.2016-16.12.2016	J.Subhashini	Mathematics	A study on weakly ultra separation axioms va $(\mu)^* \beta$ -kernel set	International Conferece	IMRF &Nirmala College
16	15.12.2016-16.12.2016	S.B.Shalini	Mathematics	On nano generalized open sets in nano topological spaces	International Conferece	IMRF &Nirmala College
17	15.12.2016-16.12.2016	G.Vasanthakannan	Mathematics	Some results on contra nano rg**bB-closed and open maps in nano topological spaces	International Conferece	IMRF &Nirmala College
18	15.12.2016-16.12.2016	J.E.Nancy	Mathematics	Nano star pre generalized closed sets in nano topological spaces	International Conferece	IMRF &Nirmala College

PARTICIPATION OF THE STUDENTS IN SEMINARS, CONFERENCES & WORKSHOPS

S. No	Date	Name of the student	Department	Title of the Seminar/ Conference/ Workshop etc	Category (National/ International etc.)	Organizing Committee
1.	21.12.2016-23.12.2016	Athika.A	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women
2.	21.12.2016-23.12.2016	Carmel.M	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women

3.	21.12.2016- 23.12.2016	Divya Bharathi.M	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women
4.	21.12.2016- 23.12.2016	Kiruthika.R	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women
5.	21.12.2016- 23.12.2016	Mathumathi.T	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women
6.	21.12.2016- 23.12.2016	Pavulin Rani.S	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women
7.	21.12.2016- 23.12.2016	Rajalakshmi.R	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women
8.	21.12.2016- 23.12.2016	Vinnarasi.S	Mathematics	Science Academie's Lecture Workshop on MATHEMATICAL MODELLING	National	P.S.G.R Krishnammal College for Women

STUDENTS PLACEMENT DETAILS

S.No.	Date	Name of the Student	Class and department	Campus/ Others	Employer
1.	07.01.2017	Maria Vincita.D	III B.Sc Mathematics	SNR Sons and College	Infosys
2.	07.01.2017	Veronica.A	III B.Sc Mathematics	SNR Sons and College	Infosys

3.	07.01.2017	Jina Panimalar.P	III B.Sc Mathematics	SNR Sons and College	Infosys
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