



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore

Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2nd Cycle)

DST-FIST DBT-Star College Scheme

Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

Department Activities: (2016- 2017)

1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	18-Aug-16	Dr. A. Ramesh Babu Assistant Professor Department of Mathematics Sastru University, Kumbagonam.	Basics of Finite Element Method	UG Seminar Hall	UG & PG Students
2	29-Jul-16	Dr.K. Sumathi Professor and Head Department of Mathematics PSGR Krishnammal College for Women Coimbatore.	Glimpses of Mathematics and Career Prospects	PG Seminar Hall	PG Students
3	29-Jun-16	Dr. K. Balachandran Professor and Head Department of Mathematics Bharathiar University Coimbatore.	Mathematical Models in Biology	PG Seminar Hall	UG Students

2. Seminar /Workshop Conferences organized

S. No.	Date	Nature of the Event (Conference/	Number of External	Title of the Event	Name & Designation of the Speakers	Name & Affiliation	Funding	Total Funding
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		Seminar/Workshop)	Participant s			n Chair & Co-chair	Agency	g
1	14-Feb-17	Workshop	10	Latex	Dr. A.K. Abdhul Haakem, Assistant Professor, Department of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore	-	-	-
2	06-Jan-17 to 07-Jan-17	Conference	20	Solvability of Partial Differential Equations via Semigroup Theory Analytic methods to derive exact solutions for Nonlinear Partial Differential Equations Inverse Problems for Partial Differential Equations	Dr.K.Balachandran Emeritus Professor Department of Mathematics Bharathiar University Coimbatore. Dr. R. Sahadevan Emeritus Professor Ramanujan Institute for Advanced Study in Mathematics University of Madras, Chennai. Dr. N. Barani Balan Assistant Professor Dept of Mathematics Central University of Tamil Nadu Thiruvarur.	-	-	-

				On Virtual Element Method for Elliptic Problems	Dr. E. Natarajan Indian Institute of Space Science and Technology Thiruvananthapuram			
				Natural Convection in a Finite Enclosure: Effect of Thermal Boundary Conditions	Dr. M. Sankar School of Engineering, Presidency University Bengaluru			
				Control and Inverse problems in differential equations	Dr.K.Sakthivel Indian Institute of Space Science and Technology Thiruvananthapuram			
3	23-Sep-16 & 15-Oct-16	Workshop	15	Applications of Statistical Tools using R-Language – A hands on tranning	Dr. K. Balachandran Dr. R.Vijayaragavan Dr. R.Jaisankar Dr.R.Muthukrishnan	-	-	-

3. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	10-Mar-17	Activities conducted : Singing, Balloon blasting,Musical chair, Dancing, Story telling	Aravanaikkum Anbu Illam, Gandhimangar	UG Students
2	16-Feb-17	Activities conducted : Prayer song, Welcome	The United Home for Adult Mentally	UG Students

		speech ,Mind games, Planting trees	Ill, Kurumbapalayam	
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4. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1.	23-Mar-17 to 24-Mar-17	Dr.S.C.Palaniswamy	Fourth National Conference on Advances in Differential Equations and Applications	Periyar University, Salem
2.	15-Mar-17 to 16-Mar-17	Dr. R. Sowrirajan	International Conference on Differential Equations and Applications	Bharathiar University,Cbe
3.	15-Mar-17 to 16-Mar-17	Dr.S.C.Palaniswamy	International Conference on Differential Equations and Applications (ICDEA -2017)	Bharathiar University,Cbe
4.	09-Mar-17 to 10-Mar-17	S.Gokilamani	Two Day National Seminar on Some Recent Research Directions in Graph Theory	Ayya Nadar Janaki Ammal College, Sivakasi
5.	09-Mar-17 to 10-Mar-17	N. Geetha	UGC- Sponsored Two Days Workshop on Capacity Building in Mathematics	Bharathiar University,Cbe
6.	10-Feb-17	S. Manimekalai	National Conference on Emerging Trends in Topology and Applications of Analysis	Kongu Arts and Science College, Erode
7.	10-Feb-17	S.Gokilamani	National Conference on Emerging trends in topology and applications of Analysis	Kongu Arts and Science College, Erode
8.	04-Feb-17 to 06-Feb-17	Dr.B.Satheesh Kumar	International Conference on Association of Indian College Principals	Sri Krishna Arts and Science College, Cbe.
9.	15-Dec-16 to 16-Dec-16	Dr.B.Satheesh Kumar	National Workshop on Technology Enablement for Outcome Based Education	PSGR Krishnammal College for Women, Cbe.
10.	05-Oct-16 to 07-Oct-16	P.Umadevi	International Conference on Computational and Theoretical Partial Differential Equations	NIT, Goa
11.	21-Sep-16	M. Lavanya	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science

				College, Erode.
12.	21-Sep-16	S. Manimekalai	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
13.	21-Sep-16	R. Anandhi	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
14.	21-Sep-16	P. Kousalya	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
15.	21-Sep-16	S. Gokilamani	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
16.	21-Sep-16	M. Revathy	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
17.	21-Sep-16	G.Nagalakshmi	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
18.	21-Sep-16	P. Uma Devi	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
19.	21-Sep-16	M. Sandhya	International Symposium on Neoteric Notion in Algebra	Nandha Arts and Science College, Erode.
20.	12-Aug-16 to 13-Aug-16	Dr.B.Satheesh Kumar	National Seminar on Curriculum Design for Sustainable and Societal Development: A Road Map	Amrita University, Cbe.
21.	04-Aug-16	P. Kousalya	National Level Workshop on Recent Trends in Graph Theory	Navarasam Arts and Science College for Women, Coimbatore
22.	04-Aug-16	M. Sandhya	National Level Workshop on Recent Trends in Graph Theory	Navarasam Arts and Science College for Women, Coimbatore

5. Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1.	20-Feb-16	S.Manimekalai	National Conference on Emerging Trends in Mathematical Sciences	Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion	KG College of Arts and Science, Coimbatore -35
2.	20-Feb-16	S.Gokilamani	National Conference on Emerging Trends in Mathematical Sciences	Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion	KG College of Arts and Science, Coimbatore -35
3.	20-Feb-16	S.Manimekalai	National Conference on Emerging Trends in Mathematical Sciences	Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion	KG College of Arts and Science, Coimbatore -35
4.	20-Feb-16	S.Gokilamani	National Conference on Emerging Trends in Mathematical Sciences	Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion	KG College of Arts and Science, Coimbatore -35
5.	20-Feb-16	S.Manimekalai	National Conference on Emerging Trends in Mathematical Sciences	Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion	KG College of Arts and Science, Coimbatore -35
6.	20-Feb-16	S.Gokilamani	National Conference on Emerging Trends in Mathematical Sciences	Using PDE for Aerodynamics of lifting surfaces in Non-Uniform Motion	KG College of Arts and Science, Coimbatore -35
7.	30-Nov-15 to 02-Dec-15	S.Eswaramoorthi	International Conference on Computational Heat and Mass Transfer	Effect of radiation on MHD convective flow and heat transfer of a viscoelastic fluid over a stretching	National Institute of Technology, Warangal

				surface	
8.	30-Nov-15 to 02-Dec-15	S.Eswaramoorthi	International Conference on Computational Heat and Mass Transfer	Effect of radiation on MHD convective flow and heat transfer of a viscoelastic fluid over a stretching surface	National Institute of Technology, Warangal
9.	14-Sep-15 to 15-Sep-15	S.Gokilamani	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
10.	14-Sep-15 to 15-Sep-15	S.Manimekalai	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
11.	14-Sep-15 to 15-Sep-15	M.Revathy	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
12.	14-Sep-15 to 15-Sep-15	R.Anandhi	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
13.	14-Sep-15 to 15-Sep-15	S.Eswaramoorthi	National Conference On Emerging Trends in Pure and Applied Mathematics	MHD Boundary Layer flow and heat transfer over a stretching surface with convective boundary condition	Dr.NGP Arts and Science College
14.	14-Sep-15 to 15-Sep-15	G.Nagalakshmi	National Conference On Emerging Trends in Pure and Applied Mathematics	Algorithm for finding maximum independent set of a graph	Dr.NGP Arts and Science College
15.	14-Sep-15 to 15-Sep-15	V.Vimala	National Conference On Emerging Trends in Pure	Algorithm for finding maximum independent set of	Dr.NGP Arts and Science College

			and Applied Mathematics	a graph	
16.	14-Sep-15 to 15-Sep-15	K.Vidhyaprabha	National Conference On Emerging Trends in Pure and Applied Mathematics	Algorithm for finding maximum independent set of a graph	Dr.NGP Arts and Science College
17.	14-Sep-15 to 15-Sep-15	S.Ramesh kumar	National Conference On Emerging Trends in Pure and Applied Mathematics	Net, Filters & Generalized Filters	Dr.NGP Arts and Science College
18.	14-Sep-15 to 15-Sep-15	V.Renukadevi	National Conference On Emerging Trends in Pure and Applied Mathematics	A study on Planar Graphs and its Applications	Dr.NGP Arts and Science College
19.	14-Sep-15 to 15-Sep-15	Tessy cardoz	National Conference On Emerging Trends in Pure and Applied Mathematics	Planar Graphs	Dr.NGP Arts and Science College
20.	14-Sep-15 to 15-Sep-15	P.Malarvizhi	National Conference On Emerging Trends in Pure and Applied Mathematics	Natural Convection Heat Transfer of Alumina-Water Nanofluid	Dr.NGP Arts and Science College
21.	14-Sep-15 to 15-Sep-15	M.Lavanya	National Conference On Emerging Trends in Pure and Applied Mathematics	Lower bounds of the chromatic number	Dr.NGP Arts and Science College
22.	14-Sep-15 to 15-Sep-15	S.Gokilamani	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
23.	14-Sep-15 to 15-Sep-15	S.Manimekalai	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
24.	14-Sep-15 to 15-Sep-15	M.Revathy	National Conference On Emerging Trends in Pure	Precoloring Extension (PREXT) for Interval	Dr.NGP Arts and Science College

			and Applied Mathematics	Graphs	
25.	14-Sep-15 to 15-Sep-15	R.Anandhi	National Conference On Emerging Trends in Pure and Applied Mathematics	Precoloring Extension (PREXT) for Interval Graphs	Dr.NGP Arts and Science College
26.	14-Sep-15 to 15-Sep-15	S.Eswaramoorthi	National Conference On Emerging Trends in Pure and Applied Mathematics	MHD Boundary Layer flow and heat transfer over a stretching surface with convective boundary condition	Dr.NGP Arts and Science College
27.	14-Sep-15 to 15-Sep-15	G.Nagalakshmi	National Conference On Emerging Trends in Pure and Applied Mathematics	Algorithm for finding maximum independent set of a graph	Dr.NGP Arts and Science College
28.	14-Sep-15 to 15-Sep-15	V.Vimala	National Conference On Emerging Trends in Pure and Applied Mathematics	Algorithm for finding maximum independent set of a graph	Dr.NGP Arts and Science College
29.	14-Sep-15 to 15-Sep-15	K.Vidhyaprabha	National Conference On Emerging Trends in Pure and Applied Mathematics	Algorithm for finding maximum independent set of a graph	Dr.NGP Arts and Science College
30.	14-Sep-15 to 15-Sep-15	S.Ramesh kumar	National Conference On Emerging Trends in Pure and Applied Mathematics	Net, Filters & Generalized Filters	Dr.NGP Arts and Science College
31.	14-Sep-15 to 15-Sep-15	V.Renukadevi	National Conference On Emerging Trends in Pure and Applied Mathematics	A study on Planar Graphs and its Applications	Dr.NGP Arts and Science College
32.	14-Sep-15 to 15-Sep-15	Tessy cardoz	National Conference On Emerging Trends in Pure and Applied Mathematics	Planar Graphs	Dr.NGP Arts and Science College

33.	14-Sep-15 to 15-Sep-15	P.Malarvizhi	National Conference On Emerging Trends in Pure and Applied Mathematics	Natural Convection Heat Transfer of Alumina-Water Nanofluid	Dr.NGP Arts and Science College
34.	14-Sep-15 to 15-Sep-15	M.Lavanya	National Conference On Emerging Trends in Pure and Applied Mathematics	Lower bounds of the chromatic number	Dr.NGP Arts and Science College

6. Students Presentation

S. No.	Date	Name of the student	Name of the event	Name of the title	College
1.	15-Mar-17 to 16 -Mar-17	P.Priya	International Conference	Application of ASM method in Transportation Problem	Bharathiar University
2.	15-Mar-17 to 16 -Mar-17	B.Jeba presitha	International Conference	Using Graph Theory to analyze Mathematical Biology	Bharathiar University
3.	15-Mar-17 to 16 -Mar-17	A.K.Bincy	International Conference	A study on Minimally 3-Connected Graphs on a Surface	Bharathiar University
4.	15-Mar-17	G.Sowndharya	International Conference	Analytical Solution of MHD Convective Boundary Layer	Bharathiar University

	to 16 -Mar-17			Flow Over a Strotching Surface	
5.	10-Aug-16 to 21-Aug-16	A.Rajalakshmi	Summar Traning Programme	Summer School in Mathematics to the Memory of S.S.Pillai	Thiruvalluvar Govt. Arts College
6.	10-Aug-16 to 21-Aug-16	S.Anumeena	Summar Traning Programme	Summer School in Mathematics to the Memory of S.S.Pillai	Thiruvalluvar Govt. Arts College

7. Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UG C/SSCI/Scopus
1.	Dr.B.Satheesh Kumar	A comparative study of ASM and NWCR method in transportation problem	Malaya Journal of Mathematics	ISSN No : 2319-3786 Feb 2017	5.54	UGC
2.	Mrs.Revathy.M	A New Ranking on Hexagonal fuzzy Numbers	International Journal of Fuzzy Logic Systems(IJFLS)	ISSN No : 1839-6283 Oct 2016	-	UGC
3.	Mrs.Revathy.M	Solving FLPP with symmetric trapezoidal fuzzy numbers	International Journal of Informative & Futuristic Research(IJIFR)	ISSN No : 2348-1697 Jun 2016	5.031	UGC

8. Students Participation

S. No.	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1.	24-Feb-17	T.Sugnathi	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
2.	24-Feb-17	G.Sadhana	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
3.	24-Feb-17	P A .Anubama	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
4.	24-Feb-17	G.Maheswari	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
5.	24-Feb-17	M.Yohapriya	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
6.	24-Feb-17	S.Sangeetha	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
7.	24-Feb-17	D.Muthuselvi	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
8.	24-Feb-17	Y.Sujitha	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
9.	24-Feb-17	R.Prejisha	National Conference	Dr.N.G.P.Arts and Science College	Inter Collegiate	Participation
10.	07-Feb-17	N.Manjunintha	Group dance	Kaamadhenu Arts and Science College	Inter collegiate	participation
11.	07-Feb-17	C.Madhumila	Group dance	Kaamadhenu Arts and Science College	Inter collegiate	participation

12.	07-Feb-17	C.Sarathi	Group dance	Kaamadhenu Arts and Science College	Inter collegiate	participation
13.	07-Feb-17	P.Divya	Group dance	Kaamadhenu Arts and Science College	Inter collegiate	participation
14.	07-Feb-17	N.Athira	Group dance	Kaamadhenu Arts and Science College	Inter collegiate	participation
15.	07-Feb-17	P.Nandhini	Math Modeling	Kaamadhenu Arts and Science College	Inter collegiate	participation
16.	07-Feb-17	N.keerthana	Math Modeling	Kaamadhenu Arts and Science College	Inter collegiate	participation
17.	07-Feb-17	R.Sowmiya	Math sketching	Kaamadhenu Arts and Science College	Inter collegiate	participation
18.	07-Feb-17	V.Vennila	Math sketching	Kaamadhenu Arts and Science College	Inter collegiate	participation
19.	11-Jan-17	R Nandhini	folk dance	Kumaraguru College of Technology	National youth day celebrations	consolation
20.	11-Jan-17	Mable salomi	folk dance	Kumaraguru College of Technology	National youth day celebrations	consolation
21.	11-Jan-17	R Sofia amala rani	folk dance	Kumaraguru College of Technology	National youth day celebrations	consolation
22.	11-Jan-17	M Angelin nivetha	folk dance	Kumaraguru College of Technology	National youth day celebrations	consolation
23.	11-Jan-17	P Jaya rajalaksmi	folk dance	Kumaraguru College of Technology	National youth day celebrations	consolation
24.	11-Jan-17	S Gowthami	folk dance	Kumaraguru College of	National youth day	consolation

				Technology	celebrations	
25.	30-Dec-16	M.Vanitha Archana	Miming	Sankara College of Science and Commerce	Inter Collegiate	First Prize
26.	30-Dec-16	T.Subbalakshmi	Miming	Sankara College of Science and Commerce	Inter Collegiate	First Prize
27.	30-Dec-16	A.P.Geetha	Miming	Sankara College of Science and Commerce	Inter Collegiate	First Prize
28.	30-Dec-16	S.P.Preethi	Miming	Sankara College of Science and Commerce	Inter Collegiate	First Prize
29.	21-Sep-16	S.Anumeena	Innovation Expo	Dr.N.G.P.Arts and Science College	Inter Departmental	Second Prize
30.	21-Sep-16	M.Sangeetha Vaanee	Innovation Expo	Dr.N.G.P.Arts and Science College	Inter Departmental	Second Prize
31.	21-Sep-16	B Revathi	Connections	Dr.N.G.P.Arts and Science College	Inter Departmental	First Prize
32.	21-Sep-16	T Pavithra	Connections	Dr.N.G.P.Arts and Science College	Inter Departmental	First Prize
33.	01-Jul-16	S.Anumeena	English Essay Writing	Dr.N.G.P.Arts and Science College	Inter Departmental	First Prize