

## CURRICULAM VITAE

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**Name** : Dr.U.Mary

**Qualification** : M.Sc.,M.Phil.,M.Ed.,PGDCA.,PGDOR.,Ph.D

**Address (Official)** : Nirmala College for Women, Red Fields, Coimbatore – 641 018

**Address (Residential)** : 101, Udayampalayam Main Road-III, Sowripalayam, Coimbatore-641 028

**Designation** : Associate Professor& HoD, **Dean of Student Affairs**

**Department** : PG & Research Department of Mathematics

**Date of Birth** : 23.05.1963

**Area of Specialization:** GRAPH THEORY

**Contact details** : [umarycbe@gmail.com](mailto:umarycbe@gmail.com), [marycbe@gmail.com](mailto:marycbe@gmail.com), +91 9994359602

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### ACADEMIC QUALIFICATIONS:

Exam Passed	Board/University	Subjects	Year	Class
High School	SSLC		1978	I
Higher Secondary	TN Higher Secondary	Mathematics, Physics, Chemistry, Biology	1980	I
Bachelor's Degree	Bharathiar University , Coimbatore	Mathematics	1983	I
Master's Degree	Bharathiar University , Coimbatore	Mathematics	1985	I
M.Phil Degree	Bharathiar University , Coimbatore	Mathematics	1986	I
M.Ed Degree	Annamalai University	Education	1999	I
PGDCA Degree	Bharatidasan University, Trichy	Computer Applications	1987	I
PGDOR Degree	Pondicherry University	Operations Research	2005	I
PhD Degree	Karpagam University	Mathematics	2015	I

**RESEARCH EXPERIENCE & TRAINING:**

<b>M.Phil Produced</b>	<b>26</b>
<b>M.Phil Pursuing</b>	<b>01</b>
<b>Ph.D Produced</b>	<b>01</b>
<b>Ph.D Pursuing</b>	<b>06</b>

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**SKILLS KNOWN:**

**MS Word**

**MS Excel**

**MS PPT**

**C & C++ Programming**

**'R' & Python Programming**

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**WORK EXPERIENCE:**

<b>Associate Professor of Mathematics:</b>	<b>1989 – 2021</b>	<b>35 Years</b>
<b>Head of the Department:</b>	<b>2018 – 2021</b>	<b>3 Years</b>
<b>Dean of Students Affairs:</b>	<b>2018 – 2021</b>	<b>3 Years</b>

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**TEACHING EXPERIENCEAS ON 30-09-2021:**

<b>Under Graduate Programme:</b>	<b>1986 – till date</b>	<b>35 Years</b>
<b>Post Graduate Programme:</b>	<b>1989 – till date</b>	<b>32 Years</b>
<b>PGDOR Programme:</b>	<b>2006 – till date</b>	<b>15 Years</b>
<b>M.Phil Programme:</b>	<b>2006 – till date</b>	<b>15 Years</b>
<b>Ph.D Programme:</b>	<b>2017 – till date</b>	<b>04 Years</b>

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**ACADEMIC ACHIEVEMENTS: (Refer Annexure)**

Research Publications in International Journals: (Annexure-I)	60+
Collaborations Research Publications: (Annexure-II)	09+
Research articles in Proceedings:	20+
Seminars, Conferences, Symposia, Workshops etc.	70+
Seminars, Conferences, Symposia, Workshops etc. Organized:	10+
Travel Grant from UGC (France & Australia):	02

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**AWARDED**

**“LIFETIME ACHIEVEMENT AWARD 2021 - 2022” by Novel Research Academy, Puducherry, India, ISO 9001:2015 Certified( A Registered Enterprise under the Govt. of India),**

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**Ref: NRA/LAA/0111964/2021 - 2022 on 5<sup>th</sup> Octoberr 2021.**

**INNOVATIONS/CONTRIBUTIONS IN TEACHING:**

1. Teaching methods: Chalk & Talk, PPT, Google Meet & Google Classrooms, e-content
2. Evaluation methods: Test, Seminar, Quiz, Assignment, PPT, Brain Storm session
3. Preparation of resource material:

**Books, Inter Net, Journals, SWAYAM-NPTEL-COURSERA materials**

4. Remedial Teaching / Student Counseling (academic) :

- i. Remedial classes are conducted regularly. More tests are given for Slow learners and the marks are recorded. Self study courses are offered to Advanced learners
  - ii. As a tutor, meet the wards once in a month and give them counseling.
  - iii. As a mentor, meet the mentees once in a month and discuss about their studies and progress. Counseling and monetary help to needy mentees.
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**ACADEMIC CONTRIBUTIONS:**

1. Convener, Board of Studies
2. Convener, Inspection Commission
3. Received Travel Grant from UGC ( to present papers in Conferences at PARIS & SYDNEY)
4. Chair Person in 2 International Conferences

5. Resource Person to seminars/guest lectures
  6. Chief Guest for academic functions
  7. University Examinations Evaluator
  8. Autonomous College Examinations Evaluator
  9. Computer Practical Examiner
  10. Project Viva-Voce Examiner
  11. M.Phil Viva-Voce Examiner
  12. Ph.D Viva-Voce Examiner
  13. University Nominee, BOS
  14. Question paper setter
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**ACADEMIC RESPONSIBILITIES:**

- |   |                  |          |
|---|------------------|----------|
| 1. College Day Committee:   | 1989 – 2018      | 29 Years |
| 2. Sports Day Committee:  | 1989 – 2018      | 29 Years |
| 3. NSS Programme Officer:   | 2003 – 2007      | 04 Years |
| 4. Discipline Committee:  | 2007 – till date | 14 Years |
| 5. NAAC Committee:  | 2017 – 2018      | 01 Year  |
| 6. Head of the Department:  | 2018 – till date | 03 Years |
| 7. Fine Arts Committee:   | 2018 – till date | 03 Years |
| 8. Dean of Students Affairs:  | 2018 – till date | 03 Years |
| 9. Anti-Ragging Committee:  | 2018 – till date | 03 Years |
| 10. Students Grievance Cell:  | 2018 – till date | 03 Years |
| 11. Parent-Teacher Association:   | 2017 – till date | 04 Years |
| 12. Website Updating Committee:   | 2018 – till date | 03 Years |
| 13. Venue Supervisor (TNPSC, UPSC, MADRAS HIGH COURT Assts., EPFO Examinations) |                  |          |

ICCAM 2015: XIII International Conference on Computational & Applied Mathematics	World Academy of Science, Engineering & Technology (Travel Grant is approved by UGC )	PARIS, FRANCE 23,24 January 2015
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**Coimbatore**  
**23.09.2021**

**(Signature of the Teacher)**

**ANNEXURE – I**  
**LIST OF PUBLICATIONS**

S.No	TITLE OF PAPER	NAME OF JOURNAL	UGC/SCOPUS/WEB OF SCIENCE/PUBMED	VOL., ISSUE, PAGE NO, YEAR	ISSN/ ISBN number
1.	Strategy on Disaster Recovery Management based on Graph Theory Concepts	International Journal of Recent Technology and Engineering	UGC Approved Journal	Volume-10 Issue-4, November 2021. Page No.: 31-34.	2277-3878
2.	A Study On CCS For Graphs That Allow Johan Coloring	International Journal of Research and Analytical Reviews	UGC Approved Journal	Vol. 8 Issue 3, 198 - 200 2021	2349-5138
3.	Minimum Hub Color Energy of a Graph	Malaya Journal of Mathematik	UGC Group I	Vol-9, issue-1, 494-497, 2021	2319-3786
4.	Maximum Independent Seidel Energy of a Graph	Journal of Physics: Conference Series	Scopus	Vol-1947, No. 012051,1-5, 2021	1742-6596
5.	Topological Descriptors For Product Of Complete Graphs	Aip Conference Proceedings	scopus	<a href="#">2261 (1)</a> , 2020	2261, 030056;
6.	On b-coloring and Johan coloring of line graphs	Aip Conference Proceedings	UGC Group - II	<a href="#">2262 (1)</a> , 2020	2261, 030056 ;
7.	A Study on Zagreb Indices And Co-Indices of Product of Cycle Graphs	Journal Of Xi'an University Of Architecture & Technology	UGC Group - II	Xii (X), 1038 – 1043, 2020	1006-7930
8.	On Bds - Coloring Of Corona Graph Of Certain Graphs	AIP Conference Proceedings	UGC Group - II	<a href="#">2262 (1)</a> , 2020	2261, 030056 ;
9.	Computation of eccentricity associated topological descriptors through Python for comb tree	Journal of Physics: Conference Series	Scopus	1597 (1-9), 2020	12019
10.	Molecular descriptors of	AIP Conference Proceedings	Web of Science	<a href="#">Volume 2261, Issue 1, 2020</a>	30056

	dodecagonal network with python program and bounds based on new parameters for some topological indices				
11.	On Chromatic Core Subgraph Of Corona Graphs And Join graphs Which Admits Johan Coloring	Compliance Engineering Journal	scopus	Vol XI (2) (9 – 13), 2020	0898-3577
12.	A Chromatic Core Subgraph Of Product Of Graph Which Admits Johan Coloring	Journal of Information and Computational Science	UGC Group - II	Vol X (X), (37 – 42), 2020	1548-7741
13.	edge geo chromatic number of a graph	infokara journal	UGC Group - II	10 (7), 65 -70, 2020	1021-9056
14.	Minimum Hub Harary Energy of a Graph	Advances in Mathematics: Scientific journal	UGC Group - II	Vol-9, issue-12, 10745-10753, 2020	1857-8365
15.	On some neighbourhood eccentricity sum based indices	NOVYIMIR research journal (International)	Scopus	Vol- 5, Issue- 8,75-86, 2020	0130-7673
16.	On Johan Chromatic Core Subgraph of Splitting graph of Cycle related graphs and their Product graphs	The International journal of analytical and experimental modal analysis	UGC Group II	XI (X), 2962-2965, 2019	0886-9367
17.	On Johan Chromatic Core Subgraph of Splitting Graph of Star, Star related graphs and their Product graphs	infokara research	UGC Group II	8 (10), 754 – 757, 2019	1021-9056
18.	Neighbourhood	International	UGC	8 (4), 8723-	2277-

	Degree Based Index for Graph Operations Related To Composition	Journal of Recent Technology and Engineering		8728, 2019	3878
19.	On Molecular descriptors with python of 3D Lattice	The International journal of analytical and experimental modal analysis	UGC Group II	XI (IX), 740 - 757, 2019	0886-9367
20.	Vertex Equitable Labeling of Vertex Signed Graph	infokara research	UGC Group II	8 (8), 699-709, 2019	1021-9056
21.	A Note on Vertex Signed Graphs	infokara research	UGC Group II	8, (8) 612-621, 2019	1021-9056
22.	Computing Path Sum Connectivity Index Of Dendrimer Nanostars	International Journal of Research and Analytical Reviews	UGC	63-65, 2019	2349 - 5138
23.	On harmonious coloring of middle graph of some graphs	International Journal of Research and Analytical Reviews	UGC	Vol 6, special Issue ,pp-54-57, 2019	2349 - 5138
24.	A study on harmonious coloring of middle graph of certain snake graphs	Journal of Applied Science and Computations	UGC CARE A	Vol 6,Issue 1,pp-30-37, 2019	1076-5131
25.	Star coloring of middle graph of certain snake graphs	Infokara research	UGC CARE A	Vol 8,Issue 9,pp-8-13, 2019	1021-9056
26.	A study on total coloring of some graphs	Journal of Information and Computational Science	UGC CARE A	Vol9,Issue 12,pp-150-158, 2019	1548-7741
27.	A Study on $b$ - Colouring and Johan Colouring of Some Graphs and its Line Graphs	The International journal of analytical and experimental modal analysis	UGC CARE A	XI (VIII), PP 176-184, 2019	0886-9367
28.	The Minimum	Journal of	UGC Group	Vol-9, issue-11,	1548-



	Covering Distance and Minimum Covering Harary Energy of Friendship Graph	Information and Computational Sciences	II	1433-1438, 2019	7741
29.	Tensor product of some Topological indices of cycle	Journal of Information and Computational Science	UGC Group II	10(2), 745 – 756, 2019	1548-7741
30.	A study on Atom –bond connectivity index and Geometric – Arithmetic index of Poly-L-Lysine(PLL) dendrimer	The International journal of analytical and experimental modal analysis	UGC Group II	XI (X), 2926 – 2931, 2019	0886-9367
31.	Computation of Zagreb indices of Cationic dendrimer	Journal of Information and Computational Sciences	UGC Group II	9(10), 855-864, 2019	1548-7741
32.	Determination of some degree based topological indices of Poly-L-Lysine(PLL) Dendrimer	Infokara research	UGC Group II	8(9), 2019	1021-9056
33.	Sanskriti index of paraline graph of dendrimer nanostar	International Journal of Agriculture Innovations and Research	UGC Group II	8 (1), 1-4, 2019	2319-1473
34.	On molecular descriptors with Python of fullerene	The international journal of Analytical and Experimental Modal Analysis	UGC	Vol-11, Issue-12, 1791-1805, 2019	0886-9367
35.	A study on clique number of popped Fibonacci- sum set graphs	International Journal of Engineering, Science and	UGC Approved Journal	Vol. 7 Issue 4, 592 – 596, 2018	2320-0294

		Mathematics			
36.	Computation of total eccentricity using python program	Journal of Physics: Conference Series	Scopus	1139, 2018	(2018) 012070
37.	b-Colouring of Line Graph, Middle Graph and Total graph of Flower graph	Journal of Applied Science and Computations	UGC	5 (10), PP:1238-1241, 2018	1076-5131
38.	The B-Chromatic Number Of L(Chn) And M(Chn)	international journal of research and analytical reviews	UGC	6 ( 1), 1114 -1116 , 2018	2349-5138
39.	On b-Colouring of Line Graph, Middle Graph, Total Graph and Central Graph of Dutch Wind Mill Graph	American International Journal of Research in Science, Technology, Engineering & Mathematics	UGC	1 (25) , PP:105-107, 2018	2328-3580
40.	On b-Colouring of Central Graph of Cubic Graph and Sunlet Graph	International Journal of Applied Engineering Research.	UGC	14 ( 6), 1208-1211, 2018	0973-4562
41.	On Chromatic Core Subgraph Of Simple Graphs	Contemporary Studies in discrete Mathematics	Cite factor	Vol. 2, No. 1, pp. 13-20, 2018	2581-3676
42.	J-Parameters And CEI Of Simple Graphs	International Journal of Scientific Research and Review	UGC Approved Journal	Vol. 7, Issue 11, pp. 244-249, 2018	2279-543X
43.	Computation of topological indices of central graph of Dutchwindmill graph	Journal of Applied Science and Computations	UGC	vol 6, 1998-2002, 2018	1076-5131
44.	Various Characteristics of Few topological indices for stable graphs	International Journal of Engineering and Technology,	Scopus	Special issue,925-927, 2018	2227-5241
45.	Computation of	International	Scopus	Vol- 1139,Issue-	1742-

	Topological Indices using Python for Chemical Graph structure	Journal of Physics Conference Series		012060, 2018	6596
46.	A Study on Dominator Coloring of Friendship and Barbell Graphs	International Journal of Mathematics And its Applications		6(4), 99–105, 2018.	2347-1557
47.	A Study on coloring of Join Of Some Graphs	Contemporary studies in Discrete Mathematics		Vol 2(1), 51-58, 2018	
48.	On chromatic Zagreb indices of certain graphs	Discrete Mathematics, Algo		<a href="#">Vol. 09, No. 01, 1750014, 2017</a>	
49.	Characterization of the Wiener Index for Trees and connected graphs $G$ with equal domination and acyclic domination number $\gamma(G) = \gamma_a(G)$	International Journal of Pure and Applied Mathematics		117 (12), 441 - 446, 2017	1311-8080
50.	Planarity Johan Coloring of graphs	Journal of Graph Labeling		3(1) , 61 -66, 2017	
51.	Rainbow neighborhood number of certain cycle related graphs and their line graphs	Contemporary Studies in Discrete Mathematics		1(1), 61 – 66, 2017	
52.	Numerical Computation of Wiener Index for Bridge molecular structure in medicines	International Journal of Advanced Research Trends in Engineering and Technology	UGC	Vol-5 Issue - 12,457-460, 2017	ISSN:2394-3777
53.	Computation of	International	UGC	Vol- 6, Issue -	ISSN:232

	Zagreb Index for Complex Graph Theory	Journal of Creative Research Thoughts		2,262-264, 2017	0-2882
54.	The third Zagreb index of corona graph	Journal of graph Labeling		2(2), 235 – 241, 2016	2454-7735
55.	Eccentric connectivity index of thorny cycle graph and thorny star	Journal of graph Labeling		2(2), 243 - 250	
56.	on zagreb indices and eccentric connectivity index of certain thorn graphs	<a href="#">international journal of pure and applied mathematics</a>	SCOPUS	106 (3), 909 - 921	1311-8080
57.	On the Vertex In-Degrees of Certain Jaco-Type Graphs	Southeast Asian Bulletin of Mathematics		2016	
58.	A Study on Clique Invariants of Jaco-type Graphs	Communications in Mathematics and Applications	Index Copernicus	Vol. x, No. x, pp.1-14, 2016	0975-8607
59.	Zagreb Indices of the Thorn Jaco Graph	Journal of Informatics and Mathematical Sciences	Index Copernicus	Vol. 8, No. 2, pp. 129–135, 2016.	0975-5748
60.	A Study on the Quadratic Jaco Graph	arXiv:1609.03395		2016	
61.	Three Zagreb indices of thorny path graphs and thorny complete graph	International Society for Research in Computer Science		Vol 1, 2016	2348 - 3040
62.	On Eccentricity connectivity Index of $S[F_n]$ , $S[S_k]$ , $S[D_n]$ and $S[L[F_n]]$ , $S[L[S_k]]$ , $S[L[D_n]]$ Graphs	International journal of mathematical Archiever		7(4), 117 – 121, 2016	2229 - 5046
63.	On Jaco- Type graphs and black energy dissipation	Arxiv:1607.00472v1[math.gm]		2016	

64.	Propagating Graphs and Black Energy Dissipation	arXiv:1607.00472v1 [math.GM]			
65.	A study on MCpherson number of $J_n(1)$	Mathematical Sciences International Research Journal	Geo Science World	Vol. 5, Issue 2, 2016	2278-8697
66.	Wiener Index and wiener polynomial for some special graphs	International Journal of mathematical Archieve		6(8), 7-11, 2015	2229 - 5046
67.	Eccentri Connectivity Index and Wiener index of corona of graphs	S.K International journal of multi disciplinary Research Hub		2(9), 1-6, 2015	2394 - 6253
68.	The First and Second Zagreb indices for some special graphs	S.K International journal of multi disciplinary Research Hub		2(10), 1-7, 2015	2394 - 6253

**ANNEXURE – II**

**COLLOBRATIONS PUBLICATIONS**

S.No	Title of paper	Name of the author/s	Name of journal	VOL., ISSUE, PAGE NO	ISSN/ ISBN number
1	Computation of Topological Indices using Python for Chemical Graph structure	Manimekalai .S. U.Mary, Lavanya	International Journal of Physics Conference Series	Vol-1139, Issue-012060	1742-6596
2	On chromatic Zagreb indices of certain graphs	<a href="#">Johan Kok,</a> <a href="#">N. K. Sudev</a> <a href="#">and U. Mary</a>	Discrete Mathematics, Algo	<a href="#">Vol. 09, No. 01, 1750014</a>	
3	Characterization of the Wiener Index for Trees and connected graphs G with equal domination and acyclic domination number	S.Manimekalai, U.Mary and M.Yuvarani	International Journal of Pure and Applied Mathematics	117 (12), 441 - 446	1311-8080
4	on zagreb indices and eccentric connectivity index of certain thorn graphs	U. Mary, A. Kulandai Therese, M. Jerlin Seles,, R. Jayasree, Johan Kok	<a href="#">international journal of pure and applied mathematics</a>	106 (3), 909 - 921	1311-8080
5	On the Vertex In-Degrees of Certain Jaco-Type Graphs	Johan Kok, N. K. Sudev, K. P. Chithra, K. A. Germina and U. Mary	Southeast Asian Bulletin of Mathematics		
6	A Study on Clique Invariants of Jaco-type Graphs	Jerlin Seles M, U Mary and Johan Kok	Communications in Mathematics and Applications	Vol. x, No. x, pp.1-14	0975-8607

7	A Study on the Quadratic Jaco Graph	U. Mary, A. Kulandai Therese, R. Jayasree, Johan Kok	arXiv:1609.03395		
8	On JacoType graphs and black energy dissipation	J Kok, NK Sudev, KP Chithra, U Mary	Arxiv:1607.00472v1[ math.gm]		
9	Propagating Graphs and Black Energy Dissipation	Johan Kok, N. K. Sudev, K. P. Chithra and U. Mary	arXiv:1607.00472v1 [math.GM]		

**ANNEXURE – III****PAPER PRESENTED**

<b>S.No:</b>	<b>Name of the Paper presented</b>	<b>Name of the Conference</b>	<b>Place and Date</b>
1.	A study on Chromatic Polynomials	DST sponsored International Conference on “Mathematical Sci. and its Computational Applications”	Dr.NGP Arts and Sci. College, Coimbatore. Nov 2012.
2.	A study on Wiener polynomial for Steiner n-distance of some graphs	IV National Conf. on Emerging Trends in Graph Theory	Christ University, Bangalore. 15-16 Feb 2013.
3.	Steiner-Wiener polynomial of complementary product graphs	National Conf. on Mathematical Sci. and Applications	Karunya University, Coimbatore. 14-15 March 2013.
4.	Wiener and Steiner-Wiener index for some graph operations	National Conf. on Recent Advances in Graph Theory	Periyar University, salem. 06-07 March 2014.
5.	Eccentric Connectivity index for graphs	DST sponsored International Conference on “Mathematical Sci. and its Computational Applications”	Dr.NGP Arts and Sci. College, Coimbatore. 11-12 August 2014.
6.	Even Graceful Labeling of Corona Graph $C_{2n} * K_1$	Nirmala Annual Research Congress	Nirmala College for Women, Coimbatore August 2012
7.	A study on Chromatic Polynomials	Nirmala Annual Research Congress	Nirmala College for Women, Coimbatore August 2013
8.	Wiener Index and Polynomial of Trees	Nirmala Annual Research Congress	Nirmala College for Women, Coimbatore August 2014



**ANNEXURE – IV**

**SEMINARS, CONFERENCES, SYMPOSIA WORKSHOPS ETC. ATTENDED:**

<b>Name of the Seminar/ Conference/ Symposia Workshop, etc.</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
<u><b>2007 – 2008</b></u> Workshop on LaTeX	Dept. of Mathematics	Kongunadu Arts & Sci College, cbe 28.09.2007
Refresher Course (NSS)	NSS	Avinashilingam Deemed University, cbe 08.10.2007 to 12.10.2007
<u><b>2008 – 2009</b></u> National Conference- Computational Methods in Continuum Mechanics	UGC	Govt. Arts College, cbe 18.03.2009 to 19.03.2009
National Seminar- Advances in Applied Mathematics	UGC	Bharathiar University, cbe 23.03.2009
<u><b>2009 – 2010</b></u> Workshop – Fuzzification Techniques	UGC	Sri. GVG College, Udumalpet 18.09.2009
National Seminar – Challenges before Humanity	UGC	St.Mary’s College, Tuticorin 01.10.2009 to 02.10.2009
Workshop - LaTeX	Dept. of Sci & Humanities	SSK College, cbe 05.12.2009
International Conference – Mathematical and Computational Models		PSG College of Technology, cbe 21.12.2009 to 23.12.2009

<b><u>2010 – 2011</u></b> Workshop – Introduction to Graph and Geometric Algorithms	School of Tech & Comp.Science	Tata Institute of Fundamental Research, Mumbai 06.01.2011 to 08.01.2011
<b><u>2012 – 2013</u></b> Workshop - LaTeX	ISTE Students Chapter	RVS College of Engineering, cbe 24.08.2012
4 <sup>th</sup> Annual Research Congress(2012)		Karpagam University, cbe 29.11.2012 to 30.11.2012
National Seminar – Graph Theory and its Applications	TANSCHE	Providance College, Coonur 17.12.2012
National Conference – Mathematical and Computational Aspects	Dept. of Mathematics	Dr.NGP College, cbe 07.02.2013
National Conference – Emerging Trends in Graph Theory	Dept. of Mathematics	Christ University, Bangalore 15,16 Feb 2013
National Conference – Mathematical Sciences and Applications	School of Sci & Humanities	Karunya University, cbe 14,15 March 2013

**2013 – 2014**

Six Month Presentation		Karpagam University, cbe 26.07.2013
National Seminar – Labelings and Decompositions	UGC	Madura College, Madurai 29,30 August 2013
National Conference – Immunoinformatics	DBT, DRDO, DST	Dept. of Bio-Informatics, Nirmala College, cbe 3,4 October 2013

Annual Research Congress		Nirmala College, cbe 28.09.2013
5 <sup>th</sup> Annual Research Congress(2013)		Karpagam University, cbe 07.12.2013
National Conference – Recent Advances in Graph Theory	UGC	Periyar University, Salem 06,07 March 2014

**2014 – 2015**

International Conference on Mathematical Sciences & its Computational Applications	DST sponsored	Dr.NGP Arts & Science College, Kalapatti, Coimbatore 11,12 August 2014
ICCAM 2015: XIII International Conference on Computational & Applied Mathematics	World Academy of Science, Engineering & Technology <b>(Travel Grant is approved by UGC )</b>	PARIS, FRANCE 23,24 January 2015