



Official Name in full (initial last) : **MANGALAMBAL N.R**
Designation : Associate Professor
Department : Mathematics
Full Official Address : Dept of Mathematics,
(with State) : St. Joseph's College,
Irinjalakuda – 680121, Kerala.
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CURRICULUM VITAE

PERSONAL DATA

Born on: 22/01/1960 in the State of Kerala in India

Sl.No.	Languages	Read	Write	Speak
1.	English	„	„	„
2.	Malayalam	„	„	„
3.	Hindi	„	„	-
4.	Sanskrit	„	„	-

5.	Tamil			”
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Date of Joining the Present position: 4-11-1986

Other positions held at present:

Sl.No.	Designation	Institution	From	To
1.	Lecturer	St.Joseph's College, Irinjalakuda	04-11-1986	30-11-1998
2.	Reader	”	01-12-1998	31-12-2005
3.	Associate Professor	”	01-01-2006	03-12-2012

EDUCATION

Sl.No.	Degree	University	Year
1	PhD in Mathematics	Cochin University of Science and Technology, Kochi	1998
2	M.Sc. Mathematics	Gandhiji University	1985
3	B.Sc. Mathematics	Kerala University	1986

4	Diploma /Certificate – Entrance Examination in Acturial Science Based on UK Acturial Entrance	Govt. Of India	1986
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PRESENT RESEARCH GUIDESHIP STATUS : Yes

Research Centre	University	Specializations	No: of Scholars
St.Joseph's College, Irinjalakuda	Calicut	Topology ,Ordered Distributions, Lattice Theory ,Sheaf Theory, Fuzzy Mathematics	Number of Ph.D produced:2 Number of Part Time Research Scholars:4

MINOR/MAJOR PROJECTS UNDERTAKEN:

SLNO	Major/Minor	Agency	Period	Topic
1.	Minor	UGC	2011-2013	On Ordered sheaves
2.	Major	NBHM(DAE)	1999-2000	Extension Problems of Arithmetic in Topological Spaces to their Outgrowths.

II Professional Particulars :

- Date of joining in this institution with Designation 04-11-1986.Junior Lecturer
- Date of entering continuous service 15-09-1992
- Date of Entry into Readership 1-12-1998
- Date of entry to the Present designation 01-01-2006
- Details of Teaching experience

Institution	Under Graduate			Post Graduate		
	Years	Months	Days	Years	Months	Days
St.Joseph's College, Irinjalkuda	26	7	-	26	7	-

- Details of Fellowships availed:

SLNO	Nature of the Fellowship	Funding Agency	Duration	Course of Study
1.	Teacher Fellowship	NBHM(DA E)	1-12-1995 to 31-8-1997	Ph.D in Mathematics.

- Details of Orientation & Refresher Courses attended:

SLNO	Institution	Duration		Thrust Area
		From	To	
1.	CUSAT	4-3-1996	28-3-1996	Algebra
2.	CUSAT	24-32-1997	22-3-1997	Measure Theory

Details of Seminars Attended

- International Workshop on Cyber Security Sponsored by UGC ,DST and

WIPRO,December,6-10,2011,St.Joseph's College ,Irinjalakuda.

2. Science Academies' Lecture Workshop on Functional Analysis and several Complex variables ,January 4-6,2011,St.Joseph's College ,Irinjalakuda.
3. International Congress of Mathematicians ICM 2010,August 19-28,at Hyderabad.
4. International Seminar on Recent Trends in Topology and their Applications Sponsored by IMU.Germany and NBHM (DAE),March 19-21,2009.
5. National Workshop on Cryptography –St.Joseph's College, Irinjalakuda.
6. National Workshop on Coding Theory , Graph Theory and Fractal Geometry-St.Joseph'sCollege,Irinjalakuda-21-03-2006-Sponsored UGC.
7. National Seminar on Topology – K K T M College,Pullut -19-12-2005 to 20-12-2005 Sponsored by DC Govt .of Kerala.
8. National Instructural Workshop on Differential Geometry and Wavelet Analysis – Maharaja's College,Kochi-10-11-2005 to 12-11-2005-Sponsored by DC Govt. of Kerala.
9. National Conference on Recent Trends in Discrete and Fussy Mathematics-Bharata Mata College,Kochi -10-11-2005 to 12-11-2005-sponsored by DST,NBHM(DAE) and CSIR.
10. International Workshop on Commutative Algebra and Algebraic Geometry-St.Joseph's College,Irinjalakuda -18-07-2005 to 25-07-2005-Sponsored by NBHM (DAE) and IMU.
11. International Conference on Harmonic Analysis and Quantum Mechanics ,Cochin University of Science & Technology -3-12005 to 8-1-2005..
12. National Seminar on Coding Theory, Analytic Number Theory and Probability Theory-Little Flower College,Guruvayoor.
13. National Seminar on Topology, Category Theory with applications to Computer Science-St.Joseph's College, Irinjalakuda-11-3-2004 to 13-3-2004.
14. National Workshop and Seminar on Coding Theory ,Topological Dynamics and Wavelet Analysis-Cochin University of Science & Technology –Oct,2003.
15. International Conference on History of Mathematics –Sukritindra Institute of

Oriental Languages, Thammanan-22-12-2002 to 25-12-2002.

16. National Lecture Series by Indian Academy of Mathematics –St.Joseph’s College,Irinjalakuda-4-12-2002 to 6-12-2002
17. National Seminar on Modelling Theory and Annual Conference of Kerala Mathematical Association –Baselius College Kottayam -14-03-2002 to 16-03-2002.
18. International Workshop and Seminar on Transform Techniques and their Applications –St.Joseph’s College, Irinjalakuda -15-12-2001 to 19-12-2001.
19. International Workshop on Linear Algebra, Numerical Functional Analysis and Wavelet Analysis –Cochin University of Science and Technology -6-8-2001 to 15-8-2001.
20. International Conference on Recent in Analysis and Annual Conference of Kerala Mathematical Association –St.Joseph’s College, Irinjalakuda -15-12-2000 to 17-12-2000.
21. National Seminar on Philosophy and History of Science –Centre for Interdisciplinary studies, Cochin University of Science and Technology -1-12-2000 to 2-12-2000.
22. 15th Annual Conference of Ramanujan Mathematical Society –Ramanujan Institute of Advanced Studies in Mathematical Sciences ,Chennai -5-6-2000 to 7-6-2000.[International].
23. International Seminar on History of Mathematics and Annual Conference of Kerala Mathematical Association –St.Domincs College,Kanjirapilly-17-01-2000 to 19-01-2000.

IV Details of Papers Published

1. Fuzzy Congruence on a Lattice- The Journal of Fuzzy Mathematics, Los Angels - Vol 20, No.2 2012. Impact factor-1.875
2. On the lattice of Fuzzy congruence on a lattice- The Journal of Fuzzy Mathematics, vol.20 No.1 pp 185-192 2012. Impact factor-1.875
3. E- Compactification through Classes of Functions- International Mathematical Forum, vol. 6,2011,no.32, 1573-1580–impact factor 0.235, h-index- 11,g-index 17 .

4. Fuzzy Ideals, Fuzzy Filters and Fuzzy Congruences : Proceedings of the UGC sponsored National seminar on Discrete Mathematics and Applications held in collaboration with Kerala Mathematical Association on 20-21,September 2011 at MES Asmabi College,Kodungallore
5. Fuzzy congruences on a Lattice and Homomorphism theorems,- Journal of Fuzzy Mathematics, Los Angeles - Vol 19,No.4,pp 793-798,2011. Impact factor-1.875
6. Fuzzy congruences on a Product Lattice, International Journal of Algebra- International Journal of Algebra- Vol 5,No.22,2011,pp 1049-1057–impact factor 0.195, h-index-11,g-index 16
7. Fuzzy congruence and the corresponding factor lattice of a lattice(Jointly with Dr. N. R. Mangalambal) - Proceedings of the International Conference on Recent trends in Topology and its applications held from March 19-21, 2009 at St. Joseph’s College, Irinjalakuda- 2010 , pages 146-151 k-topologies on E- compactifications, International Electronic Journal of Pure and Applied Mathematics, Volume 1 No. 3, 2010, 279-285.
8. Abelian and tauberian theorems of the Laplace transforms on ordered topological vector spaces, Proceedings of the International Congress of Mathematics 2010 at Hyderabad from August 19 to 27, 2010.
9. On the lattice of Fuzzy ideals of a lattice- the Journal of Fuzzy Mathematics, vol.16, No.4 , 2008,pp.981-989 Los Angeles. Impact factor-1.875.
10. The Convolution Transformation on ordered vector space of generalized functions- Proceedings of the International Conference on Recent trends in Topology and its applications held from March 19-21, 2009 at St. Joseph’s College, Irinjalakuda – 2010.
11. Stieltjes Transformation on ordered vector space of generalized function and Abelian and Tauberian Theorems- International Journal of Contemporary Mathematical Sciences. Vol.3 no.33-36 ,2008. impact factor 0.221, h-index- 11,g-index 16 .
12. Laplace transformation on ordered vector space of generalized functions,

Proceedings of the World academy of Science, Engineering and technology,
Vol.29, May2008, 96- 101

13. On dual spaces of ordered multinormed spaces, Bulletin of Kerala Mathematics Association, Vol.4, No.2,2007 Dec.63-7.
14. The Laplace –Steiltjes Transformation on ordered vector space of generalized functions, Acta Mathematica university of Comenianae vol. LXXX,2(2011), PP. 243-249.
15. On Maximal E-Compactification –Journal of Indian Academy of Mathematics, Vol .1.No.1 (2001).
16. LMC-Compactification PR-Proceedings of International Seminar and Annual Conference ,St.Dominics College,kanjirappily ,January 17-19,(2000).
17. A Remote points in BX for a discrete topological field X-Indian Journal of Mathematics .Vol -10 .No.1 .59-65 (1998).
18. S-types of ultrafillers and order on S-types –Far Fast Journal of Math.Sci Special Volume Part I ,75-82 (1997).

Research Papers Presented in National and International Seminars

1. International Congress of Mathematicians ICM 2010, August 19-28, at Hyderabad.
2. 15th Annual Conference of Ramanujan Mathematical Society-Ramanujan Institute of Advanced Studies in Mathematical Sciences ,Chennai -5-6-2000 to 7-6-2000.
3. International Seminar on History of Mathematics and Annual Conference of Kerala Mathematical Association –St.Dominics College ,Kanjirapilly -17-01-2000 to 19-01-2000.
4. 14th Annual Conference of Ramanujan Mathematical Society on Number Theory and Differential Equations –Indian Institute of Science, Bangalore -7-6-1999 to 9-6-1999.
5. National Seminar on Analysis and its Applications and Annual Conference of Kerala Mathematical Association. This event followed by National Seminar on Fussy Mathematics and its Applications –U.C.College, Aluva -27-3-1999 to 30-3-1999.

6. National Seminar on Topology ,Graph Theory and Differential Equations –Gopi Arts and Science College,Gopichettipalayam-28-2-1999 to 29-2-1999.
7. 13th Annual Conference of Ramanujan Mathematical Society on Functional Analysis and Graph Theory –M S.University ,Thirunelveli-4-6-1998 to 6-6-1998.
8. National Seminar in Topology –N.G.M. College,Pollachi – 2-3-97 to 3-3-97

V Details of Awards /Prizes obtained: 2

Agency	Name of the Award /Prize	Year
Pavanatma Educational Society	Teacher of the Year	2012
Pavanatma Educational Society	Researcher of the Year	2012

VI Details of membership in Organization/Associations:

SLNO	Name of the Organization /Association	Year of Joining
1.	Ramanujan Mathematical Society	1998
2.	Kerala Mathematical Association	1998
3.	OSADMS	1998
4.	MAMTA	1985

VII Responsible posts held within & outside the college

SLNO	Name of the post	Organization /Committee	Duration
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1.	Reviewer	Zentral blatt Math,Germany	2012 onwards
2.	Member PG Board of Studies	University of Calicut	2013 onwards
3.	M.Phil, Ph.D Examiner	Bharathiara University	2006 onwards
4.	Question Paper Setter ,Examiner for PG ,Ph.D qualifying exam	Cochin University of Science and Technology, Kannur University	2004 onwards
5.	Member IQAC	Mother Institution	2007 onwards
6.	Project officer	Project Committee of St.Joseph College	2000-2006
7.	Academic Editor	Bulletin of KMA	2004-2006
8.	Staff Secretary	Mother institution	2012-2013
9.	Presiding Officer	Election Commission	2010
10.	Presiding Officer	Election Commission	2005

VIII Details of participation in the following:

1. Remedial Teaching:

2000-2001:Final Year B.Sc.Students.

2001-2002:Second Year B.Sc.Students

2002-2003:Final Year B.Sc.Students

2003-2004:Final Year B.Sc.Students –Class Teacher

2004-2005:Final Year B.Sc.Students –Class Teacher

2005-2006:IIIrd Semester PG Students

2. University evaluation :2005-2006:IIIrd B.Sc. C.V.Camp ,Non-semester M.Sc.Differential Geometry IVth Semester M.Sc.Viva –Voce at S N College, Nattika, I B.Sc.Mathematics Subsidiary
- 2004-2005 IIIrd B.Sc. C .V .Camp ,IIIrd Semester M.Sc. C .V Camp ,Chief Examiner of 1st B.Sc.Subsidiary
- 2003-2004:IIIrd B.Sc. C .V ., Non-Semester M.Sc.Differential Geometry ,IVth Semester Viva-Voce at St.Marys College,Thrissur.
- 2002-2003:III B.Sc. C.V.Camp ,II B.Sc. C.V.Camp,Non-Semester M.Sc.Differential Geometry.
- 2001-2002:Non –Semester M.Sc.Differential Geometry, II B.Sc.Subsidiary Mathematics.
- 2000-2001:Non-Semester M.Sc.Real Analysis,III B.Sc. C.V .Camp.

All four Semesters Viva –Voce,Participated as internal examiner every year.

3. Paper setting:Regular Paper setting of M.Sc.Mathematics of CUSAT ,Kochi.

Details of extension /community services done:

1. Contribution to promote the value of national integration secularism, democracy, socialism, humanism ,peace, scientific temper, flood or drough relief ,small family norms etc.
2. Contribution to National Literacy mission:
Through the Kerala Mathematical Association, imparting modern mathematics to Lecturers (P.G. Level teaching)through occasional seminars in the other higher educational institutions ,in addition to organizing National /International seminars in parent dept.

Details of Programme hosted

1. International Workshop on Cyber Security Sponsored by UGC ,DST and WIPRO,December,6-10,2011,St.Joseph’s College ,Irinjalakuda.
2. Science Academies’ Lecture Workshop on Functional Analysis and several

Complex variables ,January 4-6,2011,St.Joseph's College ,Irinjalakuda.

3. International Congress of Mathematicians ICM 2010,August 19-28,at Hyderabad.
4. International Seminar on Recent Trends in Topology and their Applications Sponsored by IMU.Germany and NBHM (DAE),March 19-21,2009.
5. National Workshop on Cryptography –St.Joseph's College ,Irinjalakuda.
6. International Workshop on Commutative Algebra and Algebraic Geometry sponsored by National Board for Higher Mathematics (DAE),July 18-23,2005
7. Natinal Seminar on Topology ,Category Theory with Applications to Computer Science Sponsored by U G C –March 11-13,2004
8. Annual Conference of Kerala Statistics Association and National Lecture Series by Indian Academy of Mathematics –Sponsored by Indian Academy of Mathematics ,Bangalore –December ,03-06,2002.
9. International Workshop and Seminar on Techniques and their Applications sponsored by CSIR-December 15-19,2001.
10. Two day seminar on Integral Transforms-August 2001
11. International Conference in Recent Trends in Analysis and Annual Conference of Kerala Mathematical Association-Sponsored by National Board for Higher Mathematics ,Dept .of Atomic Energy and International Mathematical Union (IMU)-December 15-17,2000

Several two day Regional Seminars have been hosted prior to year 2000 inviting Resouce Persons from other universities.

3. Position held/leadership role played in organization linked with extension work and in National Service Scheme (NSS)/NCC or any other similar activity:

Extensions work in the form of imparting revelance of learning Mathematics in a simple and friendly manner for practical uses.

4. Contributions to:

- a) Co-curricular activities: As Project Officer of the College ,the College could attain Eleven Minor Projects funded by UGC during the academic years 2004-2006.Also,faculty from the other colleges are guided in their projects.

- b) Enrichment of campus life (hostels, sports ,games ,cultural activities):
Encourage students for participating in the above cited activities in particular intercollegiate quiz competitions in and other colleges –special interest is taken to the class in which the class –teacher ship is held.
- c) Students welfare and discipline :Contributes financially to financially challenged students through the activities in this regard taken up by the department.
- d) Editorship of journals:
 - 1. Proceedings of International Seminar on Recent Trends in Topology and their Applications Sponsored by IMU.Germany and NBHM (DAE), March 19-21, 2009.
 - 2. Armored Networks: Critical Cybernetic Defense Technologies, A compendium of Papers presented at the International Workshop in Cyber Security,6-10, December ,2011 Published by Excel India Publishers New Delhi, ISBN :978-93-82062-25-7
 - 3. Academic Editor of Bulletin of Kerala Mathematics Association.
 - 4. Editor of Recent Trends in Analysis,Allied Publishers,New Delhi.
 - 5. Editor of Proceedings of National Seminar on Topology Category Theory and their Applications to Computer Science (sponsored by UGC).