

CURRICULAM VITAE

J Maria Joseph M Sc M Phil B Ed PhD with SET,NET

Assistant Professor in Mathematics,

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Tiruchirapalli – 620002, Tamil Nadu, India

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Experience

- i. **Teaching Experience** : **20 Years**(Completed)
- ii. **Research Experience** : **17 Years**

Educational Qualifications

Year of Completion	Course	Institution /University	Class
2000	B.Sc. Mathematics	Sacred Heart College, Tiruppur (University of Madras)	Distinction
2001	B.Ed. Mathematics	St. Xavier's College of Education, Palayamkottai (M.S. University, Tirunelveli)	First
2003	M.Sc. Mathematics	St. Joseph's College, (Bharathidasan University, Trichy)	Distinction
2005	M.Phil. Mathematics	St. Joseph's College, (Bharathidasan University, Trichy)	Distinction
2013	Ph.D Mathematics	Bharathidasan University, Trichy	Commended

Research Guidance

- MPhil – 20 guided
- PhD - 10 (Guided and awarded)
- PhD - 4 (On going)

Book Published

Fixed Point Theorems and Best Proximity Points.
Lambert Academic Publishing, Germany . ISBN- 978-3-659-21345-8

Paper Presented

National : 20
International : 15

Papers Published

1. Common fixed point theorems for three mappings in generalized modular metric spaces, Korean J. Math. Vol. 32 No.1(2024)
2. Common Fixed point theorem under rational contractions in complex valued extended b metric space, Journal of Non linear Functional Analysis and Applications(2021)
3. Multivalued Mappings, Fixed point Theorems in complex valued b metric spaces, Indian Journal of Natural Sciences(2024)
4. Fixed Point Theorem and Common Fixed Point Theorem in Complex valued b – metric spaces, Journal of Non linear Functional Analysis and Applications(2021)
5. Fixed Point and Common Fixed Point Theorems in Complex Valued b-Metric Spaces
Advances in Mathematics: Scientific Journal(2020)
6. COMMON FIXED POINT THEOREM FOR MAPPING WITH THE GENERALIZED WEAKLY CONTRACTIVE CONDITIONS IN METRIC SPACES
J. Math. Comput. Sci.(2020)
7. Fixed Point Theorem in b-Metric Space.
The International journal of analytical and experimental modal analysis.(2019)
8. Fixed Point and Coupled Fixed Point Theorems in S -Metric Space.
International Journal of Research in Advent Technology (IJRAT) .(2019)
9. Fixed Point and Common Fixed Point Theorems on Complex Valued b-metric spaces
InfokaraResearch.(2019)
10. Best Proximity Point Theorems on Dislocated and Dislocated Quasi b-metric spaces.
ADALYA JOURNAL (2019)
11. Algorithms For Finding Liar Domination Number For Fuzzy Path And Fuzzy Cycle
INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH .(2019)
12. Best Proximity point theorems on b-metric spaces , The Journal of Analysis,
Springer(2018),10.1007/s41478-018-0151-0.
13. Fixed point theorems on multi valued mappings in b- metric spaces, Springerplus,
vol.5 (2016), PP 1-8.
14. Existence and Uniqueness of Fixed point theorems in Partially ordered sets,
International Journal of Pure and Applied Mathematics,Vol.109, No.9(2016),pp: 159-166.
15. Fixed point theorems for linear contractions in ordered metric spaces
Global Journal of Pure and Applied Mathematics (GJPAM) ,vol.12(2016)PP 314-316
16. Fixed Point Theorem for Contractive Mappings of Integral Type
International Journal of Applied Engineering Research, vol.10,No.85(2015), pp: 738-743.
17. Theorems On Best Proximity Points For Generalized Rational Proximal Contractions
Theoretical Mathematics and Applications, vol.4(2014),135-147.
18. Fixed point Theorem on Multivalued Mappings
International Journal of Analysis and Applications, vol.1(2013),pp: 123-127.
19. Fixed point Theorems on dislocated and dislocated quasi – metric spaces,
Journal of advanced studies in Topology, Vol. 4, No.1(2013), pp: 98 – 107.
20. Some results on existence and convergence of best proximity points
Far East Journal of Mathematics, vol.66(2012),pp:197-212.
21. Common Fixed Point Theorem for Set-Valued Maps and a Stationary Point
International Journal of Mathematical Analysis,vol.6(2012), pp: 1615-1621.
22. Some Fixed point Theorems in Ordered and property P in G- Metric Spaces
International Journal of Mathematical Sciences and Engineering Applications,vol.5(2011),pp
229-243.

Workshop/Orientation/ Training Programme Attended

1. Advanced Training School in Mathematics for Lecturers (ATML) on Complex Analysis sponsored by National Board of Higher Mathematics(NBHM), New Delhi.
BhaskaracharyaPratishthana, Pune. 14th -26th May 2007.
2. Advanced Training School in Mathematics for Lecturers (ATML) on Real Analysis sponsored by National Board of Higher Mathematics(NBHM), New Delhi.
Alagappa University, Karikudi. 4th -16th June 2007.
3. Advanced Training School in Mathematics for Lecturers (ATML) on Functional Analysis sponsored by National Board of Higher Mathematics(NBHM), New Delhi.

- BhaskaracharyaPratishthana, Pune. 3rd -15th November, 2008.
4. Fourth Annual Foundation School – Part II sponsored by National Board of Higher Mathematics(NBHM), New Delhi.University of Hyderabad, Hyderabad. 5th -31th May 2008.
 5. Advanced Training School in Mathematics for Lecturers (ATML) on Functional Analysis sponsored by National Board of Higher Mathematics(NBHM), New Delhi. Indian Statistical Institute(ISI), Bangalore. 2rd -13th June, 2008.
 6. Instructional workshop on Probability sponsored by National Board of Higher Mathematics(NBHM), New Delhi.Indian Statistical Institute(ISI), Bangalore. 14 -27th May, 2009.
 7. Workshop on Geometry of Banach Spaces and Applications sponsored by National Board of Higher Mathematics(NBHM), New Delhi.Indian Statistical Institute(ISI), Bangalore. 1 -13th June, 2009.
 8. Summer School on Probability: Foundations and Applications. Kerela School of Mathematics(KSOM) , Calicut. May 17 – June 04, 2010.
 9. Mathematics Teachers Training Programme (MTTP)sponsored by National Board of Higher Mathematics(NBHM), New Delhi.Thiagarajar College of Engineering, Madurai. 3 -8th January,2011.
 10. Mathematics Training and Talent Search(MTTS) Programme sponsored by National Board of Higher Mathematics(NBHM), New Delhi.Bharathidasan University, Tiruchirappalli. May 14 –June 9, 2012.
 11. Algebra and Analysis, Institute of Mathematical Sciences (IMSC), Chennai. May 22-26,2016.
 12. Discrete Mathematics and analysis, Institute of Mathematical Sciences(IMSC), Chennai May 23-May 27, 2017.
 13. Orientation Programme ,Bharathidasan University, March 02-March 30,2017.
 14. Instructional School for Teachers on Functional Analysis, BhaskaracharyaPratishthana, Pune, Oct 23 – Nov.4, 2017.
 15. Science Academies refresher course on Topology for Teachers organised by Ramanujan Institute of Advanced Studies in Mathematics, Chennai, May 02-14,2018
 16. Instructional school for Teachers on Analysis and PDE organized by Indian Institute of Science (IISc), Bangalore, May06 –May 18, 2019

Responsibilities Held :

1. Assistant Director at Arulandar College Hostel, Arulandar College, karumathur, Madurai (2005-2007)
2. Assistant Director in Bellarmine Hostel, St. Joseph's College, Trichy (2007-2009)
3. Assistant Director in New Hostel, St. Joseph's College, Trichy (2009-2010)
4. NSS Programme officer , St. Joseph's College(Unit III), Bharathidasan University, Trichy (2014 to 2017)
5. Coordinator, UGC NET/SET Cell, St. Joseph's College, Trichy (2019 -2024)
6. Coordinator, ST.JOSEPH'S IAS ACADEMY, St.Joseph's College, Trichy (From 2021 Onwards...)

Significance lectures delivered :

1. Set Theory and Group Theory for B.E and B.Tecstudents at Coimbatore Institute of Technology (CIT), Coimbatore.
2. Convergent sequence – A geometric approach for UG and PG students, Holy Cross College(Autonomous), Trichy -2.
3. Applications of Mathematics for UG and PG students at AnnaiVelankanniCollege of Arts and Science, Tanjore.
4. Continuity and Uniform continuity using epsilon– delta property - A geometric approach for UG and PG students at Bishop Heber College (Autonomous), Trichy .
5. Continuous function for UG and PG students at Holy Cross College(Autonomous), Trichy -2 .
6. Sequences and Series – A geometric approach for UG, PG and Research Scholars at National College(Autonomous), Trichy -1

7. Advanced trends in Applied Mathematics, Don Bosco College, Dharmapuri
8. Sequences and series – A geometric Approach, Sacred Heart College(Autonomous), Tirupattur, Vellore Dt
9. Shakunthaladevi Mathematics, Holy cross college of Education, Trichy 2
10. Crash course on Cracking UGC NET examination Exclusive focus on Paper I, JeyarajAnnapackiam College for Women, Periyakulam, Theni Dt.
11. Mathematics for Competitive Examination, St. Joseph's College(Autonomous), Trichy 2
12. Continuity and Uniform continuity epsilon delta approach , Cauvery College for Women (Autonomous) Trichy 2
13. Convergence Sequence – A geometric Approach, St Joseph University, Nagland.
14. National workshop for JAM preparation – Special lecture on Linear Algebra, St. Josephs' College, Trichy.
15. International conference resource person – Fixed point Theorem on Generalized metric space, Sacred Heart college, Tirupattur, March 2023

Awards Received

College Management Special award-2009	St.Joseph`s College, Trichy
College Management Special award -2011	St.Joseph`s College, Trichy
College Management Cash award – 2014	St. Joseph`s College, Trichy
College Management Special award – 2017	St. Joseph`s College, Trichy
College Best Teacher award 2019 -2020	St. Joseph`s College, Trichy
College Management Special award-2023-2024	St. Joseph`s College, Trichy

Service Rendered :

Jesuit Madurai Province, Madurai and St. Joseph's College, Trichy, jointly organize NET/SET summercoaching classes for Mathematical Sciences, May 02- May 21,2017 (A non profitable 20 days coursefor poor, dalits and marginalized people) - Organising Secretary .

Exams Cleared :

1. **State Eligibility Test (SET)**
2. **National Eligible Test (CSIR- NET)**

Workshop/conferenceorganized :

1. National Workshop on Analysis and Algebra from Feb 26 – March 02,2018.
(Convener and Organizing secretary).
2. CSIR NET/SET Coaching classes for Mathematical Sciences From May 2019 – June 08,2019.
(Convener Organizing Secretary)
3. Crash course for UGC NET Paper I for All Arts candidates, November 29 - 30, 2019.
(Convener and Organizing secretary)
4. International webinar on Research, Publication and Funding , 06,and 07 August 2020(organizing secretary)


Employment Details

Designation : Assistant Professor
Date of Appointment : June 16, 2004
Department : Mathematics
Position : Regular(Aided)
Present Employer: St. Joseph's College (Autonomous)
 (Nationally re-accredited with A grade 3rd cycle)
 (College with Potential for Excellence)
 Tiruchirappalli – 2, Tamil Nadu, India.

Personal Details

Age & Date of Birth : 44 & 26.01.1980
Gender : Male
Religion : Roman Catholic
Address for Communication : Dept of Mathematics, St. Joseph's College(A)
Trichy – 620002. Tamil Nadu
Permanent Address : 87,RC Church Street, Vettavalam,
Tiruvannamalai– 606754. Tamil Nadu.

I declare that the information furnished above is true to to best of my knowledge.



Place: Trichy

(J. Maria Joseph)