

FACULTY PROFILE



Name: G.MICHAEL ROSARIO

Designation : Associate Professor

Department: Mathematics

Date of Birth : 15-10-1960

Date of Appointment: 21-09-1982

Academic

S.No	Degree	University/Institution	Year of completion
1.	B.Sc	Holy Cross College, Trichirapalli.	1980
2.	M.Sc	Seethalakshmi Ramaswamy College, Trichirapalli.	1982
3.	M.Phil	Madurai Kamaraj University, Madurai	1991
4.	PGDCA	Madurai Kamaraj University, Madurai	1993
4.	Ph.D	Madurai Kamaraj University, Madurai	2011

Total Experience : 35 Years

Area of Specialization/Interest: Applied Probability Theory

Academic Affiliation:

1. Senior member of “Operational Research Society of India”, with effect from July28, 2013.(0797/M/08/MSL)
2. Served as Vice – Principal for two years (2014-15 & 2015-16)
3. Served as an External Examiner for Mother Teresa University Practical Exams.
4. Served as an External Examiner for Mother Teresa University and Madurai Kamaraj University Semester Examinations for UG and PG.
5. Question Paper setter for Autonomous Colleges and Universities.
6. Served as Judge for the Educational District Level Science Exhibition held at Theni on 28-10-2013.
7. Chairman of Viva-Voce Examination for 2014-2015 M.Phil Mathematics Students of Madurai Kamaraj University Evening College, Periyakulam.
8. External Examiner of M.Phil Dissertation Examination of Madurai Kamaraj University, Madurai.

Professional Affiliation:

1. Served as a Staff in charge of various Committees such as Students Service, Youth Welfare, AIACHE&Xavier Board, Fine Arts, Current Events Club, Physical Education, YRC, JACEP, Women's Cell & Discipline.
2. Staff club Treasurer (1984-86, 1989-90)
3. Chief Editor to College Magazine (1999-2000)
4. Co-Editor to College Magazine (1994-1995, 2005-2006)
5. NSS Programme Officer (2007-2008) & Staff Advisor (1983-86, 1992-93)
6. IQAC Member (2009-2012)
7. Member Secretary of Research Committee.(2011-14)
8. Organized UGC Sponsored National Conference on "Applicable Mathematics", Dec20-21, 2011.
9. Member Secretary of Academic Council (2012-13 & 2013-14).
10. Editor of "JAC JOURNAL OF SCIENCE, HUMANITIES AND MANAGEMENT" –ISSN 2347-9868, BI-ANNUAL, (2013-14)
11. Organized One day workshop on "Techniques of Teaching Mathematics for Visually Impaired" at National Level on 04-08-2015.
12. Chief Superintendent of Semester Examinations (April 2015)
13. Chairman of the Board of Examiners for Mathematics from November 2015 till date.
14. Serving as Head of the Department from June 2016 till date.

Resource Person :

1. Served as a Resource Person for the FDP on Orientation for Junior Teachers organised by IQAC on 17th August 2015.
2. Delivered a Guest Lecture on Stochastic Process to students pursuing M.Phil course at Madurai Kamaraj University Evening College, Periyakulam, on 26th September 2015.
3. Served as a Resource Person for the FDP on Orientation for Junior Teachers organised by IQAC on 23rd July 2016.
4. Served as resource person and motivated the school teachers in the training programme for Mathematics B.T Teachers in Theni District, on 21st July 2017.

Research Experience:

1. Completed UGC sponsored Minor Project on "Reliability of Service Facility System" during 2007-09.
2. Guiding M.Phil scholars from 2014- 15 onwards.

Research Publications (from 2011-12 onwards):**International Publications:**

S.No	Title of the Paper Published	Name of the Journal, ISSN Number, P.No.
1	Semi-Marker Decision Process in Inventory Control System	Journal of Mathematical Modelling and Applied Computing , Vol 2, Number 2, Jul-Dec 2011, ISSN 0973-6093, Research India Publications.
2	Intuitionistic Fuzzy Equations and its Application on Reliability Evaluation	International Journal of Advanced Technology in Engineering and Science Volume No.03, Issue No.03, March 2015, ISSN :2348-7550
3	Cost and Reliability Optimization in Lost Sales Inventory Systems	International Journal of Computer and Mathematical Sciences, Sep. 2015, Vol. 4, Issue 9, pp. 41-45, ISSN. 2347 – 8527.
4	An Inventory Model Two Production Units	International Journal of Multidisciplinary Research Review (IJMDRR), Vol.1, Issue-2, 2016, pp.47 – 55, ISSN: 2395 - 1877, online ISSN.2395- 1885, I.F: 2.262.
5	Mathematical Modeling on Population Growth Rate of India	International Journal of Multidisciplinary Research Review (IJMDRR), Vol.1, Issue-2, 2016, pp. 60 - 66, ISSN: 2395 - 1877, online ISSN.2395- 1885, I.F: 2.262.
6	A New Approach to Solve a Transportation Problem	International Journal of Multidisciplinary Research Review (IJMDRR), Vol.1, Issue-2, 2016, pp. 71 – 76, ISSN: 2395 - 1877, online ISSN.2395- 1885, I.F: 2.262
7	Application of Markov Decision Process in Service Facility System	International Journal of Informative & Futuristic Research, Vol.3(August, 2016), Issue 12, Pg.No. 4433-4442, ISSN: 2347-1697.
8	Mathematical Model for Future Population Scenario in India and China – An Econometric Approach	International Journal of Scientific & Engineering Research, Volume 8, Issue 5, May-2017 , ISSN No. :2229-5518.Pg.no.62-68
9	A Fuzzy Comparison Method for an Deterministic Inventory Model without Shortages	International Journal of Computational and Applied Mathematics, Volume 12, Number 1 (2017), ISSN No. :1819-4966.Pg Nos.214-226.
10	An Ordering Policy under Two-Level Trade Credit Policy with Allowable Shortage and Permissible Delay in Payments	International Journal of Computational and Applied Mathematics, Volume 12, Number 1 (2017), ISSN No. :1819-4966.Pg Nos. 713-729.

11	A Fuzzy Inventory Model with Allowable Shortage using Different Fuzzy Numbers	International Journal of Computational and Applied Mathematics, Volume 12, Number 1 (2017), ISSN No. :1819-4966. Pg Nos. 227-240.
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National Publications:

Title of the Paper Published	Name of the Journal, ISSN Number, P.No.
Some results on design of Service Facility systems	Journal of JAC JOSHAM , Vol. I, No.1, 2014, ISSN. 2347 – 9868.

Seminars/Conferences/ Workshops Participated (from 2011-12 onwards):

1. Participated in the Workshop on “ Intellectual Property and Innovation Management in Knowledge Era” organized by National Research Development Corporation, New Delhi and Gandhigram Rural Institute on 17th October, 2012.
2. Participated in the International Workshop on “ Matrix Analytic Methods in Stochastic Models” organized by Department of Mathematics & Ramanujan Centre for Higher Mathematics, Alagappa University, Karaikudi, from 07th January to 09th January 2013.
3. Participate Workshop on Data Analysis Using SPSS at School of Mathematics, Madurai Kamaraj University, Madurai on 30-08-2013.
4. Participated UGC Sponsored National Workshop on “E-content development for effective Teaching & learning” at J.A.College, Periyakulam from 11.9.2014 to 13.9.2014.
5. Participated “Leadership Training Programme” at Christ University, Bangalore, on 29th & 30th June, 2015.
6. Participated 58th Annual conference of Indian Society of Labour Economics(ISLE) organized by the Department of Humanities and Social Sciences, Indian Institute of Technology at Guwahati from 24th November to 26th November, 2016.
7. Participated UGC Sponsored Two Day National Conference on Recent Advances in Mathematical Sciences-2017 (RAIMS-2017) held at Government Science College, Nrupathunga Road, Bangalore on 9th & 10th February, 2017.

Conference Presentations (from 2011-12 onwards):

- 1. Presented a paper** on the topic **“Employment Creation and Economic Development in Organised Sector of India”** on 58th Annual conference of Indian Society of Labour Economics(ISLE) organized by the Department of Humanities and Social Sciences, Indian Institute of Technology at Guwahati from 24th November to 26th November, 2016.
- 2. Presented a Paper** entitled on **“Mathematical Model for Futuristic Scenario of Population Growth rate of India and China-Econometric Approach”**, in the UGC Sponsored Two Day National Conference on Recent Advances in Mathematical Sciences-2017 (RAIMS-2017) held at Government Science College, Nrupathunga Road, Bangalore on 9th & 10th February, 2017.

Guideship details: Received guideship from Mother Teresa University on December 2015

Name of the Student	Register Number	Date of Registration	Title	Status
M.Rama	PHDMAT16P501	05-12-2016	A Study on Inventory Models in Fuzzy Environment	Pursuing

Books Published:

S.No	Title	Publication	National/International	ISBN No.
-	-	-	-	-

Awards : Nil.

Contact Details:

Present Address : No.15/5/23 Subiksham Avenue, Poothipuram Road,
PC Patti, Theni- 625 531.

Permanent Addresses: 15-10-10, Annai Theresa Street, Thamaraikulam,
Periyakulam-625 601.

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