

PROFILE



Name : **MRS. K. JENCY PRIYA**
Designation : Assistant Professor
Department : Mathematics
Date of Birth : 03.04.1985
Date of Appointment : 17.06.2019
Date of Retirement : 30.04.2043

ACADEMIC

S.No.	DEGREE	UNIVERSITY/INSTITUTION	YEAR OF COMPLETION
1.	B.Sc.	Nirmala College for Women, Coimbatore.	April, 2005
2.	B.Ed.	Stella Matutina College for Education, Chennai.	April, 2006
3.	M.Sc.	J. A. College For Women, Periyakulam.	April, 2011
4.	Ph.D	St. Joseph's College, Trichy.	Dec, 2017
5.	SET	Mother Teresa University, Kodaikanal	

Total Experience : 6 months at Holy Cross College, Trichy.
1 ½ at J.A. College, Periyakulam.

Area of Specialization/Interest : Automata Theory

Professional Affiliation :

Member of Discipline Committee

Member of Fine Arts

Member of Women Cell

Research Publication :

International Publication

1. **“Closure properties of Intuitionistic Fuzzy Finite Automata with Unique Membership Transitions on an Input Symbol”**. 2014, *World Congress on Computing and Communication Technologies (WCCCT 2014)*, ISBN 978-1-4799-2876-7, pp. 142-146.
2. **“An Intuitionistic Fuzzy Finite Automata-Homomorphism and Admissible relation”**. *International Organization of Scientific Research Journal of Mathematics (IOSR-JM)*, 10(6), 2014, pp.51-57. e - ISSN: 2278-5728, p-ISSN:2319-765X. Vol.10, Issue 6 Ver. V (Nov-Dec.2014) 51-57.
3. **“Intuitionistic Fuzzy Automaton with Unique Membership and Unique Nonmembership Transitions”** International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2016), Lecture Notes in Computer Science, Vol.10398, pp. 271-280. ISSN: 0302-9743.
4. **“Recognizability of Intuitionistic Fuzzy Finite Automata – Homomorphic Images”**. 2014 *World Congress on Computing and Communication Technologies (WCCCT 2014)*, ISBN 978-1-4799-2876-7, IEEE, 2014, pp. 66-70.
5. **“Intuitionistic Fuzzy Lexical Analyzer”**. *Annals of Fuzzy Mathematics and Informatics*, 11 (4),2016, pp. 589-605, ISSN: 2093-9310.
6. **“Intuitionistic Fuzzy Finite Automata with Unique Membership Transitions”**. 2014 *World Congress on Computing and Communication Technologies (WCCCT 2014)*, IEEE, 2014, 54, pp.103-107, ISBN 978-1-4 799-2876-7.
7. **“Regular properties of Fuzzy Finite State Automata with Unique Membership Transition on an Input Symbol”**. *International Journal of Fuzzy Mathematics and Systems*, 2013, 3(5), pp. 313-324, ISSN 2248-9940.
8. **“Yoga in the Christian Perspective”**. *International Journal of Research Culture Society*, 4(4): pp. 215-217, ISSN 2456-6683.
9. **“Avifaunal diversity of Thamaraikulam pond at Theni district.”** *International Journal of Research Culture Society*, 4(4): pp. 276-283,ISSN 2456-6683.
10. **“ Significance of yoga in ancient India.”** *International Journal of Research Culture Society*, 4(5): pp. 262-264, ISSN 2456-6683.
11. **“Ahimsa in religions especially in Jainism, a religious society of India.”** *Journal of Emerging Technologies and Innovative Research (JETIR)*,7(5): pp.729-736, ISSN 2349-5162.
12. **“Heavy Metal Analysis at Thamaraikulam Pond in Theni District.”** *International Journal of Scientific Engineering and Applied Science (IJSEAS)*, 2020. 6(6): pp. 28-33, ISSN 2395-3470.
13. **“Effect of Tridax procumbens in treating coffee effluent for heavy metals in Jayamangalam, Theni district.”** *International Journal of Ecology and Environmental Sciences*, 2(3): pp. 05-12.

14. **“Shaivism and Its Pasupata Sect.”** *International Journal of Research Culture Society*, 4(6): pp. 45-48, ISSN 2456-6683.

Seminar/Conferences/Workshops Participated:

- State level Seminar on “*Recent Trends in Applied Mathematics*” held on 11th February 2011 at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.
- National Conference on “*Mathematical Sciences and Applications (NCMSA)*” held on 4th - 5th March 2014 at St. Joseph’s College, Trichy.
- National Conference on “*Discrete Mathematics (NCDM)*” held on 9th – 10th January 2014 at St. Joseph’s College, Trichy.
- National Conference on “*Advancements in Mathematical Science (NCAMS)*” held on 7th – 8th January 2016 at St. Joseph’s College, Trichy.
- Rev. Dr. S. Lazar SJ endowment Seminar on “*Resources and Research*” held on 15th October 2016 at Dept of Library, St. Joseph’s College, Trichy.
- International conference “*World Congress on Computing and Communication Technologies*” held on 27th Feb – 1st Mar, 2014 at Dept of Computer Science, St. Joseph’s College, Trichy.
- International Conference “*31st Annual Conference of the Ramanujan Mathematical Society*” held on 18th – 21st Jun, 2016 at National College, Trichy.
- National Conference “*Rev. Dr. A. Albert Muthumalai, SJ., Endowment Fourth National Conference on Applications of Mathematics – Recent Trends (4NCAM -RT)*” held on 15th -16th Dec, 2016 at St. Joseph’s College, Trichy.
- International Conference “*Theoretical Computer Science and Discrete Mathematics*” held on 19th – 21st Dec, 2016 at Kalasalingam University, Krishnankoil.
- National Conference on “*Mathematical Sciences and Applications (NCMSA)*” held on 4th -5th Mar, 2014 at St. Joseph’s College, Trichy.
- National Conference on “*Discrete Mathematics (NCDM)*” held on 9th – 10th Jan, 2014 at St. Joseph’s College, Trichy.
- National Conference on “*Advancements in Mathematical Science (NCAMS)*” held on 7th – 8th Jan, 2016 at St. Joseph’s College, Trichy.
- National Seminar on “*Application of Mathematics in Real Life*” held on 17th Dec, 2019, at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.
- International level Faculty Development Programme on “*How to write effective case Study?*” organized by Atmiya University, Rajkot, Gujarat on 2nd May, 2020.
- Two day online workshop on “*Mental health and Psychosocial consideration during Lockdown*”, organized by St. Mary’s College (Autonomous), Thoothukudi on 13th & 14th May 2020.
- International E- Conference on “*Strategies & Challenges in Higher Education during COVID -19 Lockdown Period in India with reference to the World*”, organised by Government Vidarbha Institute of Science & Humanities, Amravati, Maharashtra – 444 604, from 15th -17th May 2020.

- Webinar on “*Guidelines for Writing a Research Paper*”, organised by Arasu Engineering College, Chennai Main Road, Kumbakonam, 22nd May 2020.
- Short Term Training Program on “*MATLAB*” based Teaching – Learning in Mathematics, Science & Technology organised by Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt., Ltd. Mumbai from 18th May to 22nd May 2020.
- Webinar on “*Introduction to Graphs from Algebraic Structures*” organized by Department of Mathematics, G.T.N Arts College, Dindigul, 22nd May 2020.
- Online Workshop on “*Mathematical Sciences for CSIR-UGC NET Aspirants*” organized by Department of Mathematics, St. Mary’s College (Autonomous), Thoothukkudi, from 19th- 23rd May 2020.
- Webinar on “*Introduction to Latex*” organized by IQAC and PG Department of Mathematics, Loganatha Narayanasamy Government College (Autonomous), Thirunelveli, 28th May 2020.
- National Webinar on “*Outcome Based Education*” organised by IQAC, JA College, Periyakulam from 22nd May to 29th May 2020.
- Webinar on “*Mathematical Modeling of Infectious diseases: application to COVID 19*” organised by Department of Mathematics, Patrician College of Arts and Science, Chennai on 27th May 2020.
- International Webinar on “*Recent Research Trends in Mathematics*”, organized by Department of Mathematics, D.K.M. College for Women, Sainathapuram, vellore, 29th May 2020.
- Online FDP on “*Research Methods and Writing Skills in Mathematical Sciences*” organised by, Bon Secours College for Women, Thanjavur, 25th -27th May 2020.
- Webinar on “*CSIR Problems solving techniques in Algebra and Analysis*” organized by Department of Mathematics (Shift II), (Shift II), St. Joseph’s College, Tiruchirappalli, 17th & 18th of June.
- State Level Webinar on “*Kanakkum Kathaipesuthae*”, organized by the Mathematical club of Annamal College of Education for Women, Thoothukudi-3, 1st June 2020.
- National Webinar on “*Impact of COVID-19 in Service Sector: Strategies to Overcome the Challenges*” organized by J.A. College, Periyakulam in association with Auxillium College, Vellore, 1st & 2nd June 2020.
- National Webinar on “*Fuzzy Set theory and Applications*” organized by Department of Mathematics (Shift II) in association with IQAC, Patrician College of Arts and Science, Chennai, 29th & 30th May 2020.
- **இணைய வழி தேசிய கருத்தரங்கு - "திருக்குறள் காட்டும் வாழ்வியல் நெறிகள்"** organised by Department of Tamil, J. A. College, Periyakulam on 9th June 2020.
- Online Workshop on “*Mathematical Analysis (MATANA 2020)*” organised by PG and Research Department of Mathematics, Loyola College(Autonomous), Chennai from 8th to

13th June 2020.

- National Webinar on “*Fractals via Fixed Point Theory*” organised by PG and Research Department of Mathematics, J.A. College, Periyakulam on 3rd June 2020.
- Webinar on “*Free Statistical Tool for Research Data and Research Publication with Special Reference to Citation, Impact Factor and h Index*” organised by The Library, J.A. College, Periyakulam on 1st & 2nd June 2020.
- Webinar on “*Tactics to Crack CSIR-NET –JRF Exams in Mathematics*” organized by Department of Mathematics, E.M.G. Yadava Women’s College, Thirupalai, 19th June 2020.
- Webinar on “*Numerical Methods for Heat Transfer Problems*” organized by Department of Mathematics, School of Science and Humanities, Kongu Engineering College, Perundurai, Erode, 26th June 2020.
- Online FDP on “*Effective Strategy for Teaching Mathematics*” organised by Department of Mathematics, Arputha College of Arts and Science for Women, Vamban, Pudukkottai on 25th June 2020.
- National Level Webinar on “*On Time Scale: A survey with Analysis*” organized by PG and Research Department of Mathematics, Cauvery College for Women (Autonomous), Tiruchirappalli, 2nd August 2020.
- 4- week Induction / Orientation Programme for “*Faculty in Universities / Colleges/Institutes of Higher Education*” organised by Teaching Learning Centre, Ramanujan College, University of Delhi Sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 4th June to 1st July 2020.
- International Webinar on “*Recent Trends in Applied Mathematics*” organized by Department of Mathematics, Patrician College of Arts and Science, Chennai, from 24th to 26th June 2020.
- Webinar on “*Designing Finite State Automata*” organized by PG and Research Department of Mathematics, Holy Cross College (Autonomous), Tiruchirappalli, 1st August 2020.
- Webinar on “*Introduction to Automata Theory*” organized by Department of Mathematics, Idhaya College for Women, Sarugani, 29th July 2020.
- International Webinar on “*Mathematical Approach of Solute Transport Modelling*” organized by KIET Group of Institutes, Ghaziabad, 27th June 2020.
- State Level Webinar on “*Applications of Various divisions of Mathematics in Graph Theory*” organized by PG and Research Department of Mathematics, Holy Cross College (Autonomous), Tiruchirappalli, 25th July 2020.

CONTACT DETAILS:

Present Address : Ayyappan Nagar,
Thenkarai,
Periyakulam,
Theni Dt. 625 601.

Permanent Address : 59, Main Road,
Kallakudi,
Lalgudi (Tk),
Tiruchirapalli - 621652.

Mobile : 9940819797

e-mail Id : jpriyamat@annejac.ac.in