

**Dr. A. JENY JORDON M.Sc., M.Phil., Ph.D.,**  
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## EDUCATION

Course	Institution	Percentage	Period
Ph.D. (Full Time)	St. Joseph's College,Trichy-2	Viva-voce completed on 10 <sup>th</sup> May 2018	2011-2016
M.Phil.,	St. Joseph's College,Trichy-2	90	2008-2009
M.Sc.,	St. Joseph's College,Trichy-2	80.79	2006-2008
B.Sc.,	Holy Cross College,Trichy-2	78.6	2003-2006

## RESEARCH PUBLICATIONS

1. Jeny Jordon A., Telesphor Lakra, Jency Priya K. and Rajaretnam T., “ **Recognizability of Intuitionistic Fuzzy Finite Automata- Homomorphic Images** ”, 2014 *World Congress on Computing and Communication Technologies(WCCCT 2014)*, 978-1-4799-2876-7/14.1. 2014 IEEE, DOI 10.1109/WCCCT. 2014.56.
2. Jeny Jordon A., Telesphor Lakra, Jency Priya K. and Rajaretnam T., “ **Intuitionistic Fuzzy Lexical Analyzer** ”, *Annals of Fuzzy Mathematics and Informatics (AFMI)* ISSN:2287-6235(electronic version) 11, No.4 (2016) 589-605.
3. Jeny Jordon A. and Rajaretnam T., “**Cartesian Composition of Intuitionistic fuzzy finite automata with unique membership transition on an input symbol** ”, *Notes on Intuitionistic Fuzzy Sets*, Print ISSN 13104926, Online ISSN 23678283, Vol-23 No. 5 (2017) 102-111.
4. Telesphor Lakra, Jeny Jordon A., Jency Priya K. and Rajaretnam T., “ **Regular properties of Fuzzy Finite State Automata with Unique Membership Transition on an Input Symbol** ”, *International Journal of Fuzzy Mathematics and Systems*, ISSN 2248-9940 Volume 3, Number 5(2013) 313-324.
5. Telesphor Lakra, Jeny Jordon A., Jency Priya K. and Rajaretnam T., “ **Intuitionistic Fuzzy Finite Automata with Unique Membership Transitions** ”, 2014 *World Congress on*

*Computing and Communication Technologies(WCCCT 2014)*, 978-1-4799-2876-7/14.1. 2014 IEEE, DOI 10.1109/WCCCT. 2014.54.

6. Jency Priya K., Jeny Jordon A., Telesphor Lakra, and Rajaretnam T., “ **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)*, 978-1-4799-2876-7/14. 2014 IEEE, DOI 10.1109/WCCCT. 2014.87.
7. Jency Priya K., Telesphor Lakra, Jeny Jordon A. and Rajaretnam T., “ **An Intuitionistic Fuzzy Finite Automaton - Homomorphism and Admissible Relation** ’’, *International Organization of Scientific Research (IOSR- JM)*, e-ISSN:2278-5728, p- ISSN: 2319-765X. Vol.10, Issue 6 Ver. V (Nov-Dec.2014), 51-57.
8. Jeny Jordon A. and Rajaretnam T., “**Some Regular behaviors of Partial Intuitionistic Fuzzy Automata**”, *South East Asian J. of Mathematics and Mathematical Sciences*, Vol-21,2022, 129-136.

## CONFERENCES AND PAPER PRESENTATIONS

1. Participated and presented a paper in the International Conference On 2014 World Congress on Computing and Communication Technologies(WCCCT 2014) on Recognizability of Intuitionistic Fuzzy Finite Automata -Homomorphic Images, Organized by Department of Computer Science and Information Technology(School of Computing Sciences), St. Joseph’s College(Autonomous),Tiruchirappalli- 620 002, between 27<sup>th</sup> February and 1<sup>st</sup> March, 2014.
2. Presented a paper in the National Conference On Mathematical Sciences and its applications (NCMSA-2014) on Intuitionistic fuzzy Admissible relation , Organized by Department of Mathematics, St. Joseph’s College(Autonomous), Tiruchirappalli- 620 002, March 4 – 5<sup>th</sup>, 2014.
3. Participated in the UGC Sponsored National Conference On Discrete Mathematics (NCDM-2015), Organized by Department of Mathematics, St. Joseph’s College(Autonomous), Tiruchirappalli-620 002, January 9 – 10<sup>th</sup>, 2015.
4. Presented a paper in the National Conference On Advancements in Mathematical Sciences (NCAMS-2016) on Cartesian composition of Intuitionistic fuzzy finite automata with unique membership transition on an input symbol, Organized by Department of Mathematics, St. Joseph’s College(Autonomous), Tiruchirappalli- 620002, January 7 – 8<sup>th</sup>, 2016.
5. Participated in the International Conference On Discrete Mathematics (ICDM-2019) Organized by Department of Mathematics, St. Joseph’s College(Autonomous), Tiruchirappalli- 620 002, January 7-9, 2019.
6. Participated in the National Conference On Mathematical Sciences and its applications (NCMSA-2020) on Intuitionistic fuzzy Admissible relation , Organized by Department of

Mathematics, St. Joseph's College(Autonomous), Tiruchirappalli- 620 002, January 23-24, 2020.

### **SEMINARS / CONFERENCES / WORKSHOPS / WEBINAR PROGRAMMES ATTENDED**

- ❖ **Hi Impact 15 days Faculty Development Programme**, St. Joseph's College, Tiruchirappalli – 620 002 , May 2024
- ❖ **National Conference on Recent Developments in Pure and Applied Mathematics (NC-RDPAM24)**, St. Joseph's College, Tiruchirappalli – 620 002 , February 2024
- ❖ **Faculty Development Programme on Academic Research in Science** , St. Joseph's College, Tiruchirappalli – 620 002 , December 2023
- ❖ **Faculty Development Programme on Patents and Consultancy** , IQAC, St. Joseph's College, Tiruchirappalli – 620 002 , November 2023
- ❖ **Faculty Development Programme on Intricacies of Writing for Research Publications and Projects** IQAC, St. Joseph's College, Tiruchirappalli – 620 002, October 2023
- ❖ **Orientation program for the Teaching Faculty** IQAC, St. Joseph's College, Tiruchirappalli – 620 002, June 2023
- ❖ **Faculty Development Programme in Mathematics**, One day training programme in soft skills , March 2023
- ❖ **Faculty Development Programme on LOCF - A reformative Roadmap towards Excellence** St. Joseph's College, Tiruchirappalli – 620 002 , February 2023
- ❖ **International conference on Mathematical Sciences & Applications (ICMSA 2022)** St. Joseph's College, Tiruchirappalli – 620 002, March 2022
- ❖ **Workshop on Mathematics in Real, Applied and Computational Domains**, Sathyabama Institute of Science and Technology, Chennai, 03<sup>rd</sup> – 08<sup>th</sup> July 2023
- ❖ **One day training programme in soft skills**, St. Joseph's College, Tiruchirappalli – 620 002, January 2023
- ❖ **Lecture series on Number Theory**, Sant Longowal Institute of Engineering and Technology, Punjab, August 2023
- ❖ **Five days virtual hands on Faculty Development Programme on creation of e- content**, St. Joseph's College, Tiruchirappalli – 620 002, July 2023
- ❖ **One day workshop on The Ignatian Paradigm of Leadership**, St. Xavier's College(Autonomous), Palayamkottai , Higher Education Commission, Jesuit Madurai Province, March 2022
- ❖ **Faculty Development Programme on Course Design Matrix**, St. Joseph's College, Tiruchirappalli – 620 002, January 2023

### **RESOURCE PERSON**

- ❖ One day workshop on Statistical Application in Management Research Organized by Department of BBA, St. Joseph's College(Autonomous), Tiruchirappalli- 620 002, October 10, 2023.

