

## A. JENIFER JOTHI MARY M.Sc., B.Ed., M.Phil., SET, (Ph. D).

Assistant Professor in Computer Science  
St. Joseph's College (Autonomous) (Autonomous)  
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### Teaching Experiences

- Working as an Assistant Professor in Computer Science, St. Joseph's College (Autonomous) (Autonomous), Tiruchirappalli, since June 2013 to till date.

### Research Experiences

1. Research Papers Presented/ Published: 

Total Number of papers	: 16
International Journals	: 10
International Conferences	: 4
National / State-level Conferences	: 2
2. Specialization : Big Data, Sentiment Analysis and DBMS

### Employment Details

Designation : Assistant Professor in Computer Science  
Present Employer : St. Joseph's College (Autonomous)  
Tiruchirappalli – 620 002, TN, India.

### Books Published

1. Written a Chapter in “Computer Literacy [For CS]”, a prescribed text book for UG courses, St. Joseph's College (Autonomous), Tiruchirappalli.
2. Co-Authored a Book titled “**Research in a Nutshell**” published by **Institute for Communication Technology**, 2<sup>nd</sup> Edition 2016.

### Other information

1. Received College Management Award for “Minor Research Project” during 2016-17.
2. Sanctioned with **Minor research project** funded by **UGC-SERO**.
3. Event in-charge “Rangoli” Competition in 174<sup>th</sup> INDEP.

4. Scored 1<sup>st</sup> Rank in “**Psychology**” and “**Computer Science-II**” conducted by Tamil Nadu Teacher’s Education University, Chennai.
5. Presented a paper in State Level Seminar on “**Towards better Lesson Plan with Special Reference to Samacheerkalvi**”.
6. Acted as College **Sports Secretary** in Holy Cross College of Education, Tiruchirappalli.
7. **Rank Holder** in M.Sc (CS) in St. Joseph’s College (Autonomous), Tiruchirappalli.
8. Finished JUNIOR Typewriting with distinction.
9. Won prizes in State level KHO-KHO and participated in many competitions at School and in INTRA College Competitions
10. Participated in NSS at School Level.

**Additional charges held at St. Joseph’s College (Autonomous), Tiruchirappalli:**

1. One of the Members in Girls Judges Committee in Annual Sports Day 2015.
2. Member of the organizing committee of World Congress on Computing and Communication Technologies (WCCCT 2014).
3. One of the in-charges of Dance event in Fine arts Team.
4. Member of **Fine Arts Committee**.
5. One of the Co-ordinators of **Folk dance** in INDEP’17.
6. One of the Members in Judges Committee for Girls Event in Annual Sports Day 2016.
7. Member of the **organizing committee** of 2<sup>nd</sup> World Congress on Computing and Communication Technologies (WCCCT 2017).

**Education Details**

<b>Course</b>	<b>Institution</b>	<b>Year of Study</b>	<b>Percentage</b>
<b>Ph. D. (Part-Time) Computer Science</b>	St. Joseph’s College (Autonomous), Bharathidasan University, Tiruchirappalli – 620 002.	<b>(Thesis Submitted)</b>	
<b>M. Phil. (CS)</b>	St. Joseph’s College (Autonomous), Bharathidasan University, Tiruchirappalli – 620 002.	2012 – 2013	<b>83 %</b>

<b>B. Ed (CS)</b>	Holy Cross College of Education(Autonomous), Tiruchirappalli – 620 002.	2011 – 2012	<b>83 %</b>
<b>M. Sc. (CS)</b>	St. Joseph’s College (Autonomous), Bharathidasan University, Tiruchirappalli – 620 002.	2009 – 2011	<b>86 %</b>
<b>B. Sc. (CS)</b>	Holy Cross College (Autonomous), Bharathidasan University, Tiruchirappalli – 620 002.	2006 – 2009	<b>78 %</b>

### Conferences / Workshops / Seminars / Orientation Programs Attended

1. 2<sup>nd</sup> International Conference on Advances in Computing & Data Sciences (**ICACDS-2018**) organized by Uttaranchal University, Dehradun, Uttarakhand, India, 20<sup>th</sup> – 21<sup>st</sup> April 2018.
2. International Conference on Inventive Computing and Informatics (**ICICI 2017**) organized by Ranganathan Engineering college Coimbatore 23<sup>rd</sup> – 24<sup>th</sup> November 2017.
3. Two days workshop on “**Python Programming for Industry Strategies**” organized by Department of Information Technology held at PSG College of Technology, Coimbatore on 4 and 5 November, 2017.
4. Two Days National Level Workshop on “**Intensive Research Proposal Writing**” organized by Department of Computer Science and Engineering and Information Technology held at Saveetha School of Engineering, Saveetha University, Chennai On 27 and 28 October 2017.
5. Two-day National Level Advanced Workshop on “**Effective Strategies in Research Project Proposal Writing and Linking Funding Agencies**” organized by LIFE - Loyola College & CAAS Research Foundation held at Loyola College, Chennai on October 23 & 24, 2017.
6. Faculty Development Program on (FDP) on “**Predictive Analytics – A Two day workshop**” organized by St. Joseph’s Institute of Management (JIM), St. Joseph’s college, Tiruchirappalli on 22 & 23 September 2017.
7. Endowment Workshop on “**Current Trends in Computer Science**”, Department of IT, St. Joseph’s College (Autonomous), Tiruchirappalli on 31<sup>st</sup> August – 1<sup>st</sup> September, 2017.
8. Faculty Development Program on (FDP) on “**Machine Intelligence and Soft Computing**” held at Department of Computer Science & Systems Engg, College of Engineering, Andhra University, Visakhapatnam from 10th July 2017 – 15th July 2017.
9. Faculty Development Program on “**Data Science and Big Data Analytics**” is organized by Department of Computer Science and Engineering, Sri Ramakrishnan Engineering College,

Tiruchirappalli on 05th June 2017 – 09th June 2017.

10. Two Days workshop on “**High Dimensional Data Analytics**” organized by Department of Computer science and Engineering, Sri Ramakrishna Engineering College , Coimbatore on 24<sup>th</sup> and 25<sup>th</sup> February 2017.
11. National Level workshop on “**MATLAB**” conducted by Department of Computer Science, Rathinam College of Arts and Science (Autonomous), Coimbatore on 17<sup>th</sup> February 2017.
12. International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (**ICAMMAET 2017**) organized by Bharath Institute of Higher Education and Research, Chennai during 16<sup>th</sup> – 18<sup>th</sup> February 2017.
13. International Conference on **WCCCT 2016**(2<sup>nd</sup> World Congress Computing and Communication Technology) organized by Department of Computer Science & IT, St. Joseph’s College (Autonomous), Tiruchirappalli during 2<sup>nd</sup> – 4<sup>th</sup> February 2017.
14. Pre-conference workshop on “**Data Science and Analytics**” conducted by Department of Information Technology, PSG College of Technology, Coimbatore on 5<sup>th</sup> January 2017.
15. National Seminar on “**Effective eLearning with Cloud-based Services and LMS**” conducted by Department of Information Technology, St. Joseph’s College (Autonomous), Tiruchirappalli on 15<sup>th</sup> and 16<sup>th</sup> December 2016.
16. DST Sponsored National workshop on “**Data Science Research**” organized by School of Computer Science and Engineering, VIT, Chennai, on 30<sup>th</sup> November – 2<sup>nd</sup> December 2016.
17. DST Sponsored Three days workshop on “**Data Science Research**” organized by Department of Computer Applications, National Institute of Technology (NIT), Tiruchirappalli on 3<sup>rd</sup> – 5<sup>th</sup> November 2016.
18. One day “**Faculty orientation programme on Value Education**” organized by Department of Foundation Courses, St. Joseph’s College (Autonomous) (Autonomous), Tiruchirappalli on 17<sup>th</sup> August 2016.
19. One day State Level workshop on “**Data Analytics through SAS**” organized by Department of Statistics, St. Joseph’s College (Autonomous) (Autonomous), Tiruchirappalli on 4<sup>th</sup> August 2016.
20. DST and Big Data Initiatives Division Sponsored by “**Ten Days Training Programme on Big Data Analytics**” organized by Department of Computer Applications, Bharathiar University, Coimbatore on 4<sup>th</sup> -15<sup>th</sup> July 2016.
21. UGC Sponsored Two Day National Seminar on “**Emerging Trends in ICT-Enabled Teaching Learning Process**” organized by Department of Computer Science, Pavanatma College, Murickassery, Idukki, Kerala on 11<sup>th</sup> & 12<sup>th</sup> February 2016.

22. Rev. Dr. S. Lazar SJ Endowment Seminar on “**Digital Visibility of the Productivity: Institutions and Individuals**” organized by Department of Library, St. Joseph’s College (Autonomous) (Autonomous), Tiruchirappalli on 30<sup>th</sup> January 2016.
23. Two Day National Level Workshop on “**Big Data Analytics and Business Intelligence**” organized by Department of Computer Science, St. Joseph’s College (Autonomous) (Autonomous), Tiruchirappalli on 4<sup>th</sup> & 5<sup>th</sup> January 2016.
24. Two Day National Level Faculty Development Programme on “**Cloud Computing & Big Data Analytics**” organized by Department of Computer Applications, Bishop Heber College, Tiruchirappalli on 23<sup>rd</sup> and 24<sup>th</sup> November 2015.
25. UGC Sponsored National Seminar on “**Cloud Computing**” organized by Department of Computer Science, MES College, Nedumkandam, Idukki, Kerala on 15<sup>th</sup> – 17<sup>th</sup> September 2015.
26. One Day National Workshop on “**How to Write Effective Research Papers for Conferences and Journals**” organized by School of Science and Humanities, Kongu Engineering College, Perundurai, Erode on 12<sup>th</sup> September 2015.
27. National Level Workshop on “**Big Data Analytics: Tools and Techniques**” organized by Department of Computer Science & Engineering, National Institute of Technology (NIT), Tiruchirappalli, Tamilnadu on 8<sup>th</sup> -12<sup>th</sup> June 2015.
28. One Day National Seminar on “**Big Data Analytics**” organized by School of Computer Science, Engineering & Applications, Bharathidasan University, Khajamalai Campus, Tiruchirappalli on 25<sup>th</sup> January 2015.
29. Regional Workshop on “**Statistical Packages**” organized by Department of Statistics, St. Joseph’s College (Autonomous) (Autonomous), Tiruchirappalli on 7<sup>th</sup> & 8<sup>th</sup> March 2014.
30. International Conference on **WCCCT 2014**(World Congress Computing and Communication Technology) organized by Department of Computer Science and Information Technology, St. Joseph’s College (Autonomous) (Autonomous), Tiruchirappalli on 27<sup>th</sup> February – 1<sup>st</sup> March 2014.
31. Two Day Workshop on “**Application Development using Middleware Technologies**” organized by Department of Computer Applications, Anna University, Tiruchirappalli on 10<sup>th</sup> & 11<sup>th</sup> October 2013.
32. Two Day Technical Workshop on “**Exploring the world of Networking**”, Dhanalakshmi Srinivasan Engineering College, Perampalur, TamilNadu on 30<sup>th</sup> & 31<sup>st</sup> July 2013.
33. One Day Workshop on “**Smart Devices Programming using Android**” organized by Department of Computer Science, St. Joseph’s College (Autonomous) (Autonomous),

Tiruchirappalli on 9<sup>th</sup> January 2013.

### Papers Published in International Journals

1. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**A Framework for Aspect Based Sentiment Analysis Using Fuzzy Logic**”, ICTACT Journal On Soft Computing, Vol. 8, Issue 2, pp. 1611-1615, 2017. ISSN: 2229-6956. DOI: 10.21917/ijsc.2018.0224. 1611. **(IF- 0.787)**
2. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**Aspect based Parsing for Sentiment Analysis in Big Data**”, International Journal of Computer Science and Mobile Applications, Vol. 5, Issue 12, pp. 1-7, 2017. ISSN: 2321-8363. DOI: 10.24327/IJRSR. **UGC APPROVED JOURNAL (IF- 5.515)**
3. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**ASFuL: Aspect based Sentiment Summarization using Fuzzy Logic**”, IEEE Xplore, 2017, pp. 1-5. ISSN: 978-1-5090-3378-2. DOI: 10.1109/ICAMMAET.2017.8186681.
4. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**A Methodology to Enhance the Accuracy of Aspect Level Sentiment Analysis using Imputation of Missing Sentiment**”, International Journal of Recent Scientific Research (IJRSFP), Vol. 8, Issue, 7, pp. 16876 - 16880, July, 2017. ISSN: 0976-3031. DOI: 10.24327/IJRSR. **UGC APPROVED JOURNAL (IF- 6.86)**
5. K. Rajarajeshwari, A. Jenifer Jothi Mary and Dr. L. Arockiam, “**Survey on Aspect Level Opinion Targets and Opinion Words from Online Reviews**”, International Journal of Information Technology and Mechanical Engineering (IJITME), Volume 2, No. 8, August 2016. ISSN: 2349-2865. **(IF- 0.791)**
6. I. Priya Stella Mary, A. Jenifer Jothi Mary and Dr. L. Arockiam, “**A newfangled IoT big data parallel preprocessing framework to facilitate quality IoT big data analytics**”, International Journal of Engineering Research & Technology (IJERT), Volume 4, No. 29, August 2016, pp125-129. **(IF- 1.76)**
7. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**A Framework for Aspect level Sentiment Analysis of Academic Results Data**”, International Journal of Recent Trends in Engineering & Research (IJRTER), Volume 02, Issue 07; July – 2016. ISSN: 2455-1457. **(IF- 3.344)**
8. A. Jenifer Jothi Mary, S. Santiago and Dr. L. Arockiam, “**A Methodological Framework to Identify the Students’ Opinion using Aspect based Sentiment Analysis**”, International Journal of Engineering Research & Technology (IJERT), Volume 5, No. 02 , February 2016. e-ISSN: 2278-018. **(IF- 1.76)**

9. Jenifer Jothi Mary and Dr. L. Arockiam, “**A Study on Basic Concepts of Big Data**”, International Journal of Emerging Trends in Computing and Communication Technology (IJETCCT), Volume 1, No 3, August 2015. e-ISSN: 2348 4454.

#### **Papers Presented in International Conferences**

1. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**FDSS: Fuzzy Based Decision Support System for Aspect Based Sentiment Analysis in Big Data**”, 2<sup>nd</sup> International Conference on Advances in Computing & Data Sciences(ICACDS-2018) held at Uttaranchal University, Dehradun, Uttarakhand, India on April 20-21, 2018.
2. A. Jenifer Jothi Mary, Dr. L. Arockiam, “**Jen-Ton :A Framework to enhance the Accuracy of Aspect level Sentiment Analysis in Big Data**”, Proceedings of the International Conference on Inventive Computing and Informatics (ICICI 2017), on 23 -24 November, 2017. ISBN: 978-1-5386-4031-9, pp. 452-457.
3. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**Aspect Based Sentiment Analysis of Twitter Product Reviews using Imputation of Missing Sentiment**”, 18th International Conference on Advanced Techniques in Engineering, Science & Management Organized by International Organization of Scientific Research and Development (IOSRD) Bangalore, India, held on 06 - 07 October 2017, Vol. 19, pp. 35-41.
4. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**ASFuL: Aspect based Sentiment Summarization using Fuzzy Logic**”, International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET-2017), Bharath Institute of Higher Education and Research, 16 -18 February 2017.
5. A. Jenifer Jothi Mary and Dr. L. Arockiam, “**IMS: Imputation of Missing Sentiment in the Aspect Based Sentiment Analysis**”, International Conference on IoT, Data Science and Security (ICIDS-2017), PSG College of Technology, Department of Information Technology, 6<sup>th</sup> & 7<sup>th</sup> January 2017.
6. I. Priya Stella Mary, A. Jenifer Jothi Mary and Dr. L. Arockiam, “**A newfangled IoT big data parallel preprocessing framework to facilitate quality IoT big data analytics**”, International Conference on Internet of Things, A.P.S. College of Engineering, Department of Computer Science & Engineering, August 2016.

#### **Papers Presented in National Conferences**

1. Ayesha S, Dr. L. Arockiam and Prof. A. Jenifer Jothi Mary, “**A Methodology for Identification of Flattery Sentences in Sentence Level Classification**”, Fifth National Conference on Intelligent Computing (FNCIC 2016), K. S. Rangasamy College of Arts and

Science (Autonomous), Tiruchengode, Department of Computer Science and Applications in association with ICTACT on 16th & 17th September 2016.

2. Ayesha S, A. Jenifer Jothi Mary and Dr. L. Arockiam, “**A Framework on Traffic Management Control System using Big Data**”, Fifth National Conference on Intelligent Computing (FNCIC), pp. 105-110, 16 & 17<sup>th</sup> September 2016.
3. A. Jenifer Jothi Mary and Dr. L. Arockiam, , “**Issues and Challenges in Sentiment Analysis : A Survey**”, Misbah Niche of Knowledge, Volume No. 15, 2015, pp.55-62. ISSNO. 0976-2523.

### Acted as Resource Person

1. One day workshop on “**Advanced Big Data Analytics using R**” at Cauvery college for women, Tiruchirappalli on 25<sup>th</sup> January 2018.
2. A seminar on “**Big Data and IoT Management**” held at Paavai Engineering College, Namakkal, on July 2017.
3. National level Workshop on “**Big Data Analytics**” at Adi Shankara Institute of Engineering Technology College Kalady, Kerala, India on 12<sup>th</sup> August 2017.
4. Delivered a talk in Researchers’ Meet on “**Plagiarism Tools**” at St. Joseph’s College (Autonomous), Tiruchirappalli on 9<sup>th</sup> August 2017.
5. Acted as a resource person in One day State Level Workshop on “**Wonders of IoT**” at Jayaraj Annapackiam College for Women, Periyakulam on 13<sup>th</sup> February 2017.
6. Acted as a resource person in Two day State Level Workshop on “**Data Analytics using R**” at Jayaraj Annapackiam College for Women, Periyakulam on 20<sup>th</sup> and 21<sup>th</sup> September 2016.
7. Acted as a resource person in short course on “**Relational Database Management Systems**” at St. Joseph’s Institute of Management, St. Joseph’s College (Autonomous), Tiruchirappalli on 11<sup>th</sup> and 12<sup>th</sup> August 2016.
8. Delivered a talk on “**Independence Day**” in Holy Cross College of Education, Tiruchirappalli, 2013.

### Personal Details

Name	:	A. Jenifer Jothi Mary
Gender	:	Female
DOB	:	03.02.1987
Marital Status	:	Married



Husband's Name : S. Aruldoss  
Nationality : Indian  
Language Competences : Tamil & English  
Permanent Address : 3F, Arockiam Street,  
Nochimedu,  
Manjampatti (PO),  
Manaparai (TK)  
Tiruchirappalli (DT)-621 307.  
References :

**Dr. L. Arockiam**

Associate Professor in  
Computer Science,  
St. Joseph's College  
(Autonomous),  
Tiruchirappalli, Tamil Nadu,  
Pincode - 620 002.

**Prof. A. Charles**

Associate Professor in  
Computer Science,  
St. Joseph's College  
(Autonomous),  
Tiruchirappalli, Tamil Nadu,  
Pincode - 620 002.

I hereby declare that the details furnished above are true to the best of my knowledge.

Faithfully,

**(A. Jenifer Jothi Mary)**