

Dr. S. JOSEPHINE THERESA., M. Sc, M.Phil., Ph.D.

Email : josephinetheresa_cs2@mail.sjctni.edu

Mobile : 75986 02829

Research Experience

1. Research Papers Presented / Published : **Total number of papers** : 5
International Journals : 2
International Conferences : 2
National Conferences : 1
2. Specialization : **Machine learning**

Educational Details

| Year of Study | Course | Institution | Percentage |
|---------------|--------------------------------------|---|------------|
| 2000 - 2003 | B.Sc.(CS) | Chirsturaj College , Bharathidasan University, Tiruchirappalli – 620 002. | 75% |
| 2003 -2005 | M.SC | St. Joseph’s College (Autonomous), Bharathidasan University, Tiruchirappalli – 620 002. | 77.34% |
| 2006 -2007 | M.Phil. | Center for Distance Education, Bharathidasan University, Tiruchirappalli – 620 002 | 80% |
| 2016-2018 | Part- Time Ph. D in Computer Science | Rajah Serfoji Government college(Autonomous), Bharathidasan University, Tanjore – 620038. | Commended |

Acted as a Resource Person

1. Served as a resource person for the Seminar on “**Glimpses of Python**” conducted for UG students , St.Joseph's College (Autonomous),Trichy on 10th November 2024.
2. Served as a resource person for the special seminar on “ Data Analytics Using Python” conducted for UG various streams of students from St.Joseph’s college(Autonomous), Trichy on 7 and 11of October 2023.
3. Served as a reviewer at the Third International Conference on “**Computational Intelligence (NCCI 2024)**” organized by the Department of Computer Science, St.Xaviers College(Autonomous),Tirunelveli on 6th & 7th February 2024
4. Served as a resource person for the special seminar on “ **Awareness Digital Games in Internet**” conducted for 12th students from Government Higher secondary school, Thogamalai,, Trichy on 9th of July 2019.
5. Served as a resource person for the special women’s Day celebration on “ **Women Empowerment**” conducted for Higher secondary students from Government Higher secondary school, Thogamalai,, Trichy on 8th March 2020.

Papers Published and Communicated in National / International Journals

1. **S. Josephine Theresa and Dr.D.J. Evanjaline**, “A survey on Insight of Big Data”, International Journal of Emerging Technology and Advanced Engineering, UGC Approved List of Recommended Journal, Volume 8, Special Issue 2, February 2018.
2. **S. Josephine Theresa and Dr.D.J. Evanjaline**, “Classification of Diabetes Milletus Using Navie Bayes Algorithm”, Beyond the Hype, Springer, 2019.Link: [Classification of Diabetes Milletus Using Naive Bayes Algorithm | SpringerLink](#)
3. **S. Josephine Theresa and Dr.D.J. Evanjaline**, “Class Based Oversampling with Integrated Bagging for Handling Data Imbalance in Sensitive Data “, International Journal of Applied Engineering Research, Scopus Indexed Journal, Volume 6, Special Issue 2, December 2021.Link:
4. **S. Josephine Theresa and Dr.D.J. Evanjaline**, “Feature Subspacing BasedStacking For Effective Imbalance Handling in Sensitive Data”, ICTACT Journal on soft computing (UGC care list Group -1), Volume 12, Special Issue 1, August 2021 **Link:** [IJSC Vol 12 Iss 1 Paper 8 2510 2514.pdf \(ictactjournals.in\)](#)

Contributed to the College

- In our department First Time I have conducted Certificate course on **“Data Analysis Using Spreadsheet and Python 2023”** from Various streams of students in St. Josephs College (Autonomous), Trichy Campus. Totally 66 students registered and successfully completed the course with good reviews.
- Played a key role in WCCT-16 an IEEE affiliated International Conference
- Served as Bridge course tutor for continuous 3 years.
- Played a key role in ICDT-2024 an IEEE affiliated International Conference.
- Accompanied MCA students for Industrial Visit during the academic year 2018.
- Accompanied MCA students to visit shenbaganur, Kodaikanal for Sheppard Visit during the academic year 2016.
- Accompanied III B. Sc Students (only 65 boys) for industrial visit to Kerala during the academic year 2023.
- One among the team member in IELTS Course organized by St. Joseph’s College (Autonomous), Trichy-2
- One among the event manager in INDEP from 2015-2024.
- Played a key role in TECX24 Symposium organized by Department of Computer Science both inter and intradepartmental events.
- Remedial class has taken for weak students.

Workshop/Conferences attended

1. One Day National Workshop on **"How to Write Effective Research Papers for Conferences and Journals"** held in Kongu Engineering College, Perundurai on 12.09.2015.
2. Workshop on Cloud **Computing & Big Data Analytics** at „Bishop Heber College “ on November 23rd and 24th in 2015.
3. National Level Workshop on **“Big Data Analytics And Business Intelligence”**, held in St. Joseph’s College, Trichy on 4.1.2016, 5.1.2016.
4. One day state level workshop on **“Data Analytics Through SAS”**, held in the Department of Statistics, St. Joseph’s College, Trichy on 4.8.2016.
5. **“Ten Days Training Programme on Big Data Analytics”** sponsored by Department of Science and Technology (DST), Big Data Initiatives Division (BDI) held at Bharathiyar University, Coimbatore, from 4.7.2016 to 15.7.2016.
6. National Conference on **“Emerging Trends in Advanced Computing”** on 27th February 2015 at Dhanalakshmi Srinivasan College of Arts & Science for women, Perambalur.
7. One Day Workshop on **“Smart Devices Programming using Android”**, St. Joseph’s College (Autonomous), Tiruchirappalli, TamilNadu.

8. **“Three Days workshop on Data Science Research”** sponsored by Department of Science and Technology (DST), Government of India held at National Institute of Technology, Tiruchirappalli, from 3.11.2016 to 5.11.2016.
9. **“Three Days workshop on Data Science Research - Biological Data Management”** sponsored by Department of Science and Technology (DST), Government of India held at Jamal Mohamed College, Tiruchirappalli, from 23.1.2017 to 25.1.2017.
10. **“Second World Congress on Computing and Communication Technologies”** held at St. Joseph’s College (Autonomous), Tiruchirappalli, TamilNadu, from 2.2.2017 to 4.2.2017.
11. **“International Conference on Current Trends in Advanced Computing”** organized by Department of Computer Science, Kristu Jayanthi College, Bengaluru, Karnataka, from 2.3.2017 to 3.3.2017.
12. **“Faculty Recharging Programme”** organized by Internal Quality Assurance Cell (IQAC) of Bishop Heber College (Autonomous), Trichy on June 12 & 13 2019.
13. International Conference on **“Smart and Innovative Technologies - The future of Digital India”** organised by the Department of Computer Science, Holy Cross College , Trichy from 16.03.2020 to 17.03.2020.
14. **International Conference on Current Trends in Distruptive Technologies”** organized by Department of Computer Science, St.Joseph’s college(Autonomous), Trichy from 8.1.2024 and 9.1.2024.

Awards and Achievements

- Vice President of Computer Science Association in the year 2015-2016.
- Member of Campus Ministry in SJC.
- Team Head for various events in Fine arts activities from the year 2015-2023
- Girls' student Incharge in the year 2023-2024
- First year class mentor from the academic year 2015- 2024. Student received gold medal during this academic year.

Books Published

1. Co-authored “Computer Security”, Textbook for Computer Security, Published by Institute for Communication and Technology, Trichy-3.
2. Co-authored “Movements in India”, Textbook for Environmental Studies , Published by Institute for Communication and Technology, Trichy-3.

Personal Details

Name : Dr. S. Josephine Theresa
Husband Name : Mr. A. Johnson
Religion : R.C Christian
Date of Birth and Age : 04 -03-1981, 43 Years
Residential Address : 4/269, Kurunji Street,
(For Communication) Thiru Nagar,
Ponmalaipatti
Tiruchirappalli – 620 001
Tamil Nadu, India
Email : josephinetheresa_cs2@mail.sjctni.edu
Mobile Number 75986 02829

References

1.
Dr. Rajathi,
Assistant Professor,
Department of Tamil
St. Joseph's College (Autonomous)
Tiruchirappalli
Tamil Nadu
Pincode - 620 002

2 **Dr. J. Charles**
Associate Professor & Dean,
School of Physical 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,

(Dr.S. Josephine Theresa)