



SHRIMATI INDIRA GANDHI COLLEGE

(Affiliated to Bharathidasan University)

Nationally Accredited at 'A' Grade (4th Cycle) by NAAC | An ISO 9001 : 2015 Certified Institution

Tiruchirappalli - 620 002

Name : Ms J.Jayasudha
Designation : Assistant Professor
Department : PG & Research Department of Computer Science
Qualification : M.C.A., M.Phil.,(Ph.D).,
Experience : Teaching: 10 Years
Area of Specialization(s) : Cloud Computing
Email (Official ID) : jayasudhaj@sigc.edu
Aadhar Number : 4171 3359 6516

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Phil.,	Computer Science	Bharathidasan University	2006
M.C.A.,	Computer Applications	Shrimati Indira Gandhi College	2003
B.Sc.,	Chemistry	Holy Cross College	2000

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
P.G.D.C.P	Computer Programming	Holy Cross College	2000
Certification	UiPath Academic Alliance Skill-A-Thon RPA Citizen Developer	UiPath	2023

Certification	Digital Training on Microsoft Office 365 Productivity Suite Offerings Beginners Course	Microsoft	2023
Certification	Digital Training on Microsoft Office 365 Productivity Suite Offerings Advance Course	Microsoft	2023

Research Publications (Indexed)

- a) Ms.J.Jayasudha **“In-Depth Evaluation of Access Control Strategies during Cloud Migration”** in International Journal of Research in Innovative Research Science and Engineering Technology **IJIRSET, , Volume 13, Issue 6, June 2024.**
- b) Ms.J.Jayasudha, **“A Survey On Cloud Migration Security with Authentication and Access Control Techniques”** in International Journal of Research in Innovative Research Science and Engineering Technology **IJIRSET, Volume 13, Issue 11, November 2024**

Presentations in Conference

List of Conference Presentations: 06

1. Presented an article entitled **“DNA Cryptography Approach in Cloud Migration” at the International Conference on Current Trends in Information Technology** organised by the Department of Computer Science, Seethalakshmi Ramaswamy College,Trichy on,28.12.2023 and 29.12.2023.
2. Presented an article entitled**”Reshaping the Lanscape of Digital Marketing”** International Conference on **Modern computing trends and technology** organised by Joseph Arts and Science College, Kallakurichi on 01.03.2024 and02.03.2024
3. Presented an article entitled**” AI - Driven Cyber Security: Empowering Defense in the Digital Age Recruiting and Performance management”** International Conference on **Innovative trends in Artificial Intelligence and Communication Technologies organized by SathyaBama Institute of Science and Technology,Chennai on 12th April 2025.**
4. Presented an article entitled **“Detecting and Classifying Deep fakes Using Error-Level Analysis Enhancedby Deep Learning”** in the International Conference on Trends in Artificial Intelligence (ICTAI) organized by the PG & Research Department of Computer Science, Shrimati Indira Gandhi College, Trichy on 20th September 2024.

5. Presented an article entitled “**A Comprehensive Study on Human Vulnerabilities, Insider Threats, and Strategic Risk Mitigation**” in the International Conference on Trends in Artificial Intelligence (ICTAI) organized by the PG & Research Department of Computer Science, Shrimati Indira Gandhi College, Trichy on 20th September 2024.
6. Presented an article entitled “**BlockChain Technology for Data Insights and Efficient cloud Resource Management**” in the International Conference on Next Technologies for Sustainable Computing Trends in Artificial Intelligence (ICTAI) organized by the Department of Computer Applications, Shrimati Indira Gandhi College, Trichy on 24th January 2025.

Participation in Conference

International:

- Attended an International Conference on "**RECENT TRENDS IN CYBER SURITY**" conducted by Shrimati Indira Gandhi College, Trichy on 15th December 2021.
- Presented the paper in One Day International Conference “Trends in Artificial intelligence (ICTAI)” held on 20.09.2024, on the topic “Global Health Risk Prediction Using Machine Learning : A Comparative Study of International Disease Surveillance Systems” organised by PG & Research Department of Computer Science, Shrimati Indira Gandhi College, Tiruchirappalli-2.

National:

- Two Day NAAC Collaborated National Virtual Seminar on “**Holistic and Multidisciplinary Approach Towards National Higher Education Quality Framework**” on 05.07.2023 & 06.07.2023.

Participation in Workshop

- NAAC Two Days Workshop on Application of Design Thinking In Higher Education on 22-12-2022 to 23-12-2022.
- Participated in Workshop on BOOT CAMP ON PYTHON PROGRAMMING on 28.02.2023.

Participation in Orientation Programme / Short Term Courses

Participation in Faculty Development Programme

- Attended two days Faculty Development Programme on “Naan Mudhalvan – MicroSoft Fundamentals Digital Skills” in BUTP, Trichy from 09.02.2023 to 10.02.2023.

- Participated in three days Faculty Development Programme on “Fundamentals of Coding & Cloud” held from 26.07.2023 to 28.07.2023 organized by Tamilnadu Skill Development Corporation, Government of Tamilnadu.
- Participated in five days Faculty Development Programme on “Influence of AI in Teaching & Research” held from 04.09.2023 to 09.09.2023 organized by Department of Commerce with Computer Applications, Hindusthan College of Arts & Science, Coimbatore-28.
- Faculty Development Programme on “Redefining Research Skills: Enriching Research and Publications” from 01.04.2024 to 05.04.2024 organized by the Research and Development Cell, Shrimati Indira Gandhi College, Tiruchirappalli-2.
- Faculty Development Programme on “Understanding Outcome Based Education” from 10.06.2024 to 15.06.2024 & 18.06.2024 organized by the Internal Quality Assurance Cell, Shrimati Indira Gandhi College, Tiruchirappalli-2.
- Participated in six days Faculty Development Programme on “Generative AI” held from 18.06.2024 to 23.06.2024 organized by Tamilnadu Skill Development Corporation, Government of Tamilnadu.
- Completed six days Faculty Development Programme on “Google Cloud Computing Foundations” Tamil Nadu Skill Development through the Naan Mudhalvan Program held at Bharathidasan University from 09.12.2024 to 12.12.2024, 16.12.2024 & 17.12.2024.