1. Name	: Dr. Sivaranjini N
2. Designation	: Assistant Professor
3. Qualification	: M.C.A., M.Phil., NET, SET, Ph.D.,
4. Mobile number	: 9789328779
5. E-mail id	: sathiya.siva5@gmail.com
6. Teaching Experience	: 11 Years
7. Area of specialization	: Knowledge Engineering
8. Positions Held	: Head of the Department, Examination Conducting Committee, DQAC IT Club Charge(5 Years), Extension Incharge
9. No. of Papers Published	: 7
10. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences	: 11
11. No. of Seminars/Workshops/Conferences organized	: 4
12. Membership in professional bodies (Descriptive)	: World Research Association
13. No. of Online Courses completed (Minimum of 4 Weeks)	: 6

PUBLICATIONS

Publications in Journals

L. Ravi, N. Sivaranjini 'Towards Ontology Development Based on Relational Database', International Journal of Web Technology, ISSN: 2278-2389, Vol: 01 Issue: 02 December 2012 .

N. Sivaranjini, E. Rekha, 'Semantic Web Mining Based on Big Data using RDF for Web Searches', Indo Global Journal of Applied Management Science, 1SSN: 2320– 7892, Vol, 6 Issue · 1 | APRIL 2019.

E. Rekha, N. Sivaranjini, 'Analysis of Access Transmission Control Protocol for Wireless Sensor Network', Indo Global Journal of Applied Management Science, 1SSN: 2320 – 7892, Vol, 6 Issue · 1 | APRIL 2019.

N. Sivaranjini, M. Gomathi, 'Comparative Study on Machine Learning Techniques ANN and SVM for Lymphoma Malady Precision and Hazard Factors', International Journal of Computational Intelligence and Informatics, ISSN: 2349-6363, Vol. 9: No. 3, December 2019.

N. Sivaranjini, Dr. M. Gomathi, 'A Review on Automatic Classification of Non-Hodgkin Lymphoma', International Journal of Innovative Research in Science, Engineering and Technology, e-ISSN: 2319-8753, p-ISSN: 2320-6710, Volume 10, Special Issue 2, December 2021.

N. Sivaranjini, Dr. M. Gomathi, 'Non-Hodgkin Lymphoma Risk Grading Through the Pathological Data by using the optimized Convoluted Lymphnet Model' , Journal of Computer Science, ISSN: 1549-3636 Volume 20 No. 5, 2024, 511-521.

Nagarajan Sivaranjini, Muthusamy Gomathi, 'Nature-inspired computing based Non-Hodgkin lymphoma prediction from microarray expression with GA-RFE gene selection method; an

experimental histopathological study', Research Journal of Biotechnology, Vol. 19 (10) October (2024), https://doi.org/10.25303/1910rjbt1180127

Sivaranjini Nagarajan and Gomathi Muthusamy Deep Learning Based Stacked Probabilistic Attention Neural Network for the Prediction of Bio Markers in Non-Hodgkin Lymphoma Scalable Computing: Practice and Experience, ISSN 1895-1767, Volume 26, Issues 3, pp. 1147–1164, DOI 10.12694/scpe.v26i3.4300

Publications in Proceedings

Towards Ontology Development Based on Relational Database – Sacred Heart College (Autonomous), Tirupattur – National – August 30-31, 2012 - Proceedings

A Survey of Extensible Ontology Development (XOD) Principles and Tools for Semantic Web Mining – Priyadarshini Engineering College, Vaniyambadi – National March 15-16, 2019 – Proceedings.

A review on automatic classification of Non-hodgkin lymphoma - Parvathy's Arts And Science College Wisdom City-Dindigul – International – September 15-16, 2021 -Proceedings.

A Review on various Malignance Analysis using Data Mining Techniques – M.V. Muthiah Government Arts College for Women, Dindigul – International – May 26-27, 2022- Proceedings.

International Conference on Tamil Language in the Digital Sphere Bridging Tradition and Modernity – organized by Auxilium College Autonomous, World Tamil Research Institution and Muthukamalam International Tamil emagazine, Theni - on 06.12.2024

FDP's/ Seminars/ Workshops/Webinars

State Level Workshop on 'Matlab' - Organized by Auxilium College (Autonomous), Vellore – State -on 22/07/2015.

National Conference on 'Recent Trends in Communication Technology' -organized by Auçlum College (Autonomous) Vellore – National – on 22/09/2015.

National Conference on 'Jouney to Exçellence' -organized by the Intermal Quality Asurance Cel, Auçlum College (Autonomous) Vellore – National – on 09/02/2017 to 11/09/2017.

State Level Workshop on 'Software Testing Tool Selenium' Organized by Auxilium College (Autonomous), Vellore – State – on 16/09/2017.

National Seminar on 'Current Innovations in Computer Technology' - organized by the Department of Computer Science and Applications, Auilium College (Autonomous), Vellore - on 13/12/2017.

State Level Workshop on 'Julia Programming' - Organized by Sacred Heart College (Autonomous), Tirupattur -State – on 20/06/2018.

National Conference on 'Design Challenges in Machine Intelligence' – Organized by Auxilium College (Autonomous), Vellore – National – on 01/09/2018.

Online FDP on 'Introduction to Big Data Analytics' - conducted by ICT Academy – from 28/01/2019 to 29/01/2019.

Workshop on 'Android Mobile Application Development' - Organized by Auxilium College (Autonomous), Vellore – on 25/02/2019.

FDP on 'Enriching & Enhancing the Effectiveness of Teaching using 21st Century Skill Sets' - organized by The Haskalah Academy. - from 05/06/2019 to 07/06/2019.

Two-Day State Level Workshop on 'Intellectual Property Rights' - Conducted by Auxilium College (Autonomous), Vellore and Patent Information Centre TamilNadu State Council for Science and Technology - on 2 & 3/08/2019.

Workshop on 'Big Data Analytics' - Organized by Auxilium College (Autonomous), Vellore – on 24/10/2019.

National Conference on 'Teaching, Learning and Evaluation: Changes and Challenges' – Organized by IQAC of Auxilium College (Autonomous), Vellore – on 30/01/2020 and 31/01/2020.

Workshop on 'R Programming' - Organized by Auxilium College (Autonomous), Vellore – on 07/02/2020.

National Level FDP on 'Machine Learning' - organized by PG & Research Department of Computer Science and Applications, Auxilium College Autonomous, Vellore. -National - from 29/02/2020.

Two Day FDP on 'Recent Trends in Computer Technology', - organized by J.J. College of Arts and Science (Autonomous, Pudukottai – on 27 & 28 /04/2020.

One Week National level FDP on 'R Training' - conducted by Sri Krishnaswamy College for Women & Spoken Tutorial IIT Bombay – National - from 01/05/2020 to 05/05/2020.

FDP on 'Enhancing Professional Skills in Information Technology' - organized by Department of Computer Science and Applications, Auxilium College Autonomous, Vellore. -State- from 06/05/2020 to 08/05/2020.

FDP on 'Data Science using Python and R Programming' – conducted by D.K.M. College for Women Autonomous, Vellore and Spoken Tutorial IIT Bombay. – State - from 06/05/2020 to 09/05/2020.

FDP on 'R Language' - organized by Department of Mathematics, Auxilium College Autonomous Vellore. -National - from 13/05/2020 to 20/05/2020.

Webinar on 'Study of Cryptography, Network Security and Inplementation of Algorithms in Hardware for Lightweight Applications' – conducted by Sri Venkateswara College of Engfineering, Sriperumbuddur – on 14/05/2020.

Webinar on 'How to Become a Radio Jockey' - Organized by Department of Communication Media Auxilium College Autonomous Vellore. – on 17/05/2020.

FDP on 'Artificial Intelligence' - was conducted by Vardhaman College of Engineering and BrainOvision Solutions India PVT. Ltd., -State - from.22/05/2020 to 26/05/2020.

Webinar on 'Webinar on Blockchain Technologies' – conducted by Thiruvalluvar University College of Arts and Science, Tirupattur – on 27/05/2020.

Two Day International Webinar on 'Information Technology Essentials' - organized Auxilium College (Autonomous), Vellore. – on 29/05/2020 & 30/05/2020.

International Webinar on 'Deep Learning In Cloud Computing Environment'- organized by Adhiparasakthi College of Arts and Science (Autonomous), Kalavai, - International - on 29/05/2020.

FDP on 'Machine Learning' – conducted by PG Department of Computer Science, Auxilium College (Autonomous), Vellore. -State - on 01/06/2020 to 07/06/2020.

FDP on 'Learning Management System (MOODLE)', - Organized by Sacred Heart College (Autonomous), Tirupattur, - State - from 03/06/2020 to 05/06/2020.

National Level FDP on 'Outcome Based Education', - Organized by Sacred Heart College, Thevara, Kochi., -National - on 11/06/2020 to 17/06/2020.

National Webinar on 'Research Methodology' - organized by Loyola College (Autonomous), Chennai - on 12 and 13/06/2020.

International Online FDP on 'Evolving Best Teaching and Learning Practices in the Pandemic Era 2020' - Organized by The Board of Management Auxilium College (Autonomous) Vellore. – International – on 15/06/2020 to 21/06/2020.

Webinar on 'Basic Author Workshop Research Article Writing & Reference Management Using Mendeley' - organized by Annamalai University in collaboration with ELSEVIER - on 22/06/2020.

Webinar on 'Parallel Programming Approaches & Programming with OpenMp' - organized by Priyadarshini Engineering College, Vaniyambadi – on 22/06/2020.

Webinar on 'A Brief Overview of SAP ERP' – conducted by C. Abdul Hakeem College of Engineering and Technology, Melvisharam - on 11-07-2020.

National FDP on 'Artificial Intelligence and Computer Vision using MATLAB and SIMULINK' - organized by PG & Research Department of Mathematics and Computer Science, Auxilium College Autonomous, Vellore. -National- from 26/09/2020.

One Day Training Cum Orientation Programme conducted by Department of English and Foreign Languages, and Department of Linguistics, Bharathiar University, Coimbatore in association with TANSCHE – on 30/09/2020.

International Conference on 'AI, Robotics and Automation' – Organized by ICT Academy – International – on 14/10/2020 to 18/10/2020.

National Webinar on 'National Education Policy 2020 with a focus on Technology' - organized by the Internal Quality Assurance Cell, Auxilium College, Vellore - on 12/10/2020.

Online FDP on 'Data Science using R' - was conducted by ICT Academy – from 08/03/2021 to 12/03/2021.

International Webinar on 'Strengthening Your Understanding of Research Journals (Reading, Referencing and Publishing)' - organised by K. J. Somaiya College of Science and Commerce in collaboration with ELSEVIER – International on 10th July, 2021.

Online Live Faculty Development Program on 'Introduction to Python Programming' - conducted by ICT Academy - on 27 September 2021 to 01 October 2021.

Online FDP on 'Introduction to Python Programming' - was conducted by ICT Academy – from 27/09/2021 to 01/10/2021.

FDP on 'LibreOffice Suite Writer, Calc, impress 6.3', organized by Auxilium College Autonomous with course material provided by Spoken Tutorial Project, IIT Bombay. – National - from 26/05/2022 to 10/06/2022.

Faculty Development Program on 'Microsoft Power BI Data Analyst Associate' - conducted by ICT Academy - on 20/06/2022 to 24/06/2022.

National Seminar on 'Classical Cryptography' – organized by K.M.G. College of Arts and Science, Gudiyatham – on 27/08/2022.

Webinar on 'BlockChain Technology' – conducted by Oracle Academy – on 13/10/2022.

National Webinar on 'Green Campus Initiatives Towards Sustainable Development' – organized by Auxilium College (Autonomous) Vellore – on 29/07/2023.

Webinar on 'Publish and Progress' – Organized by IQAC Committee for Research Ethics, Publication and IPR & Library Auxilium College (Autonomous) Vellore – National - on 26/08/2023.

Workshop on 'Version Control System – Git and Github' - organized by Sacred Heart College (Autonomous) , Tirupattur – on 07/09/2023.

FDP on 'Recent Trends in Data Science' - Organized by Department of Computer Science, Bon Secours College for Women, Thanjavur '- from 11/09/2023 to 15/09/2023.

Online FDP on 'Emerging Trends in Data Analytics and Machine Learning'- Karunya Deemed University, - 18/09/2023 to 22/09/2023.

Workshop on 'AI Tools for Educators' - organized by Auxilium College (Autonomous) , Vellore - on 29/09/2023.
Customer Outreach Programme- Organized by Telecom Regulatory Authority of India- 0n 14/12/2023.

One Week National Level FDP on 'Multidisciplinary Research Trends in Artificial Intelligence', organized by Lakireddy Bali Reddy College of Engineering- on 20/02/2024 to 24/02/2024.

One Week FDP, 'Robotic Process Automation Associate (UiPath)', conducted by ICT Academy- at Marudhar Kesari Jain College for Women Vaniyambadi -20/05/2024 to 27/05/2024.

One week FDP on Future Trends Emerging Technologies in Academia- Organized by Sacred Heart College (Autonomous) Tirupattur – on 18.09.2024 to 22.09.2024.

National level Workshop on Full Stack Development - organized by Auxilium College (Autonomous) , Vellore – on 23.09.2024

International Conference on Innovative Trends in Information and Communication Technology - organized by Auxilium College (Autonomous) , Vellore – on 21.11.2024.

Five-Day FDP Innovative Applications of Artificial Intelligence In Cyber-Security – Organized by Madanapalle institute of technology and science, Annamaya, Andra Pradesh – on 17 to 21 March 2025.

Online Courses Completed

Online course on 'BIG DATA' - Organized by Department of Computer Application Sri Krishna Adithya College Of Arts & Science, Kovaipudur, Coimbatore – on 13/05/2020 – Score -80%.

Online Course on 'Data Mining' -Conducted by NPTEL – 8 Week -Score 75%

Online Course on 'Fundamentals of Database System' -Conducted by NPTEL

Online Course on 'Machine Learning' -Conducted by NPTEL – 8 Week -Score 64%

Online Course on 'Programming Data Structures and Algorithms using Python' -Conducted by NPTEL – 8 Week -Score 64%

Online Course on 'Datascience 2.0 Master Class '– conducted by Pantech e learning Pvt Ltd, Chennai – from 20/09/2022 to 21/10/2022