

Name : SHENBAHA S
Designation : Assistant Professor
Department : Computer Science with Data Analytics
Qualification : M.Sc., M.Tech., (Ph.D).,
Experience : **Teaching:** 10 Years **Industry:** 5 Years **Research** : 2 Years
Area of Specialization(s) : Image Processing
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Academic Qualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D	Computer Science Engineering	SRM Institute of Science and Technology, Chennai.	Pursuing
M.Tech	Computer Science Engineering	PRIST University, Puducherry.	2012
M.Sc.	Information Technology	K.S. Rangasamy College of Technology, Tiruchengode.	2009
B.Sc	Computer Science	Vellalar College for Women, Erode.	2007

Additional Qualifications

Dip. /Voc. / Cert.	Area of Specialization	Institution/ University/ Agency Name	Year
Certification	Statistics & Mathematics for Data Science & Data Analytics	Infosys	2025
Certification	Computer Vision and Image Processing - Fundamentals and Applications	NPTEL	2024
Certification	Python for Computer Vision with OpenCV and Deep Learning	Udemy	2024
Certification	Neural Network 101 : Image Recognition using Machine Learning	Simplilearn	2024
Certification	Data Science with Python	Simplilearn	2023
Certification	CompTIA Security+ 501	Simplilearn	2023
Diploma	Web Designing & Multimedia	Info Tech	2007

Presentation in Conference / Seminar

International

1. **Deep Learning-Based Classification of Fetal Brain MRI Using a CNN-RNN Hybrid Model With Attention Mechanism**, International Conference on Advance Artificial Intelligence in Multidisciplinary Research (ICAIMR-25), Kaaf University, Ghana, West Africa, 10-Mar-2025 to 12-Mar-2025.
2. **AI Nutrition Bot**, International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K25), Dr. N.G.P. Arts and Science College, Coimbatore in collaboration with Curtin University, Malaysia, ICT, Analytics Society of India, 03-Jan-2025.
3. **Securing Academic Publishing with Privacy and Cyber Security**, International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K25), Dr. N.G.P. Arts and Science College, Coimbatore in collaboration with Curtin University, Malaysia, ICT, Analytics Society of India, 03-Jan-2025.
4. **Analyzing The Impact Of Distributed Ledger Technology On India's Financial Landscape Using BlockChain System**, ICT Academy & National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY

(NGISCT'24), SRM Institute of Science and Technology, Ramapuram, Chennai, 03-Oct-2024 to 04-Oct-2024.

5. **Transformative Breakthroughs: Revolutionizing Potato Disease Detection through Machine Learning**, International Conference on Artificial Intelligence, Data Science and Applied Mathematics (ICAIDSAM-2024), Department of Data Analytics, Saveetha College of Liberal Arts and Sciences, Chennai, 08-Feb-2024.
6. **Utilizing the OTSU algorithm for Blood Group Determination in Image Processing**, International Conference on Recent Research Advancements in Computational Sciences (ICRRACS 2023), Department of Computer Science and Computer Applications, Loyola College, Chennai, 01-Dec-2023.
7. **A Comparative Analysis of the Role of AI in Enhancing Cyber Security Measures in Traditional vs Modern Enterprises**, International Conference on Computational Intelligence and Biological Sciences (ICCIBS 2023), Sri Ramakrishna College of Arts and Science for Women, Coimbatore, 05-Oct-2023
8. **Data Privacy Preserving in Social Media Platforms using Anonymous Revocable Identity-Based Broadcast Encryption**, International Conference on Engineering, Technology and Science, Muthayammal College of Engineering, Rasipuram, 31-Mar-2023.

National

1. **Synergizing Indian Knowledge Systems with Machine Learning: A Comprehensive Review & Framework**, ICSSR-National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective, 04-Jul-2024 to 05-Jul-2024.
2. **Big Data Analytics and Indigenous Knowledge Integration**, ICSSR-National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective, 04-Jul-2024 to 05-Jul-2024.
3. **Securing the Interconnecting the Future: Navigating Cyber Security in the Era of IOT**, ICSSR-National Seminar on IOT Security: Challenges and Solutions for Social and Real-Life Applications, 05-Jan-2024
4. **Safety with Internet of Vehicles (IoV) - Assurance or Concern**, ICSSR-National Seminar on IOT Security: Challenges and Solutions for Social and Real-Life Applications, 05-Jan-2024
5. **Optimized Watermarking Using Honey-BEE algorithm**, National Conference on Advanced Computing and Changing Paradigm in Computer Applications, Karpagam College of Engineering, Coimbatore, 28-Mar-2014 to 29-Mar-2014.

Publications - International / National Journals

1. **Analyzing The Impact Of Distributed Ledger Technology On India's Financial Landscape Using BlockChain System**, ICT Academy & National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24),

ISBN: 978-81-971457-8-0, DOI: <https://doi.org/10.5281/zenodo.13882400>, Volume 1, pp.168, Oct-2024.

2. **Big Data Analytics And Indigenous Knowledge Integration**, ICSSR, New Delhi sponsored National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective (ICSSRIKS2024), ISBN:978-81-971000-5-5, Volume 2, pp.437 - 448, Sep-2024.
3. **Synergizing Indian Knowledge Systems With Machine Learning: A Comprehensive Review And Framework**, ICSSR, New Delhi sponsored National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective (ICSSRIKS2024), ISBN:978-81-971000-5-5, Volume 2, pp.197 - 208, Sep-2024.
4. **Transformative Breakthroughs: Revolutionizing Potato Disease Detection through Machine Learning**, Journal of Artificial Intelligence Research & Advances, ISSN: 2395-6720, Volume 11, pp. 61-69, Issue 1, 2024, DOI Journal: 10.37591/JoAIRA, 22-Apr-2024. (UGC)
5. **Transformative Breakthroughs: Revolutionizing Potato Disease Detection through Machine Learning**, International Conference On Artificial Intelligence, Data Science and Applied Mathematics (ICAIDSAM), ISBN: 978-93-5577-827-7, Volume No.1, pp. 39, 08-Feb-2024.
6. **Utilizing the OTSU algorithm for Blood Group Determination in Image Processing**, International Conference on Recent Research Advancements in Computational Sciences (ICRRACS 2023), Department of Computer Science and Computer Applications, Loyola College, Chennai, ISBN – 978-81-967420-6-5, Volume No.1, pp. 122, 20-Jan-2024.
7. **Securing the Interconnecting the Future: Navigating Cyber Security in the Era of IOT**, ICSSR-National Seminar on IOT Security: Challenges and Solutions for Social and Real-Life Applications, ISBN 978-81-966306-3-8, pp. 206-214, 05-Jan-2024
8. **Safety with Internet of Vehicles (IoV) - Assurance or Concern**, ICSSR-National Seminar on IOT Security: Challenges and Solutions for Social and Real-Life Applications, ISBN 978-81-966306-3-8, pp. 14-22, 05-Jan-2024
9. **A Comparative Analysis of the Role of AI in Enhancing Cyber Security Measures in Traditional vs Modern Enterprises**, International Conference on Computational Intelligence and Biological Sciences (ICCIBS 2023), ISBN – 978-93-5996-261-0, Volume No.1, pp. 251-255, 05-Oct-2023.
10. **Data Privacy Preserving in Social Media Platforms using Anonymous Revocable Identity-Based Broadcast Encryption**, International Journal of New Innovations in Engineering and Technology (IJNIET), ISSN: 2319-6319, Volume 22 Issue 1 , pp. 40-46, April 2023. (UGC)

Book Publications

1. **AI & IOT Applications**, ISBN No: 978-93-48990-27-3, IOTA Publishers, Mar-2025.
2. **Data Mining, Lab Manual**, ISBN No. 978-81-963964-0-4, Apr-2023.
3. **R Programming, Lab Manual**, ISBN No. 978-81-961632-2-8, Dec-2022.

Participation in Seminars (International / National)

1. **One Day** National seminar on **Role of Statistics in Machine Learning**, Department of Mathematics, Dr. M.G.R. Educational And Research Institute, Chennai, 27-Sep-2024.
2. **One Day** National seminar on **Preparation Tricks to Crack NET/SLET and Competitive Exams**, Faculty of Humanities and Sciences and Department of Mathematics, Dr. M.G.R. Educational and Research Institute, Chennai, 28-Aug-2024.
3. **Two Days** International Seminar on E-Tools for Research: Hands on Practice, Department of Mechanical Engineering & Centre for Research and Development (CFRD), K.S.R. College of Engineering, Tiruchengode, 09-Aug-2024 to 10-Aug-2024.
4. **One Day** Webinar on **ChatGPT: A Teaching and Learning Tool**, National Institute of Technical Teachers Training and Research, Chennai, 04-Sep-2023.
5. **One Day** National Seminar on **AI Solutions for Farmer Safety and Security in India**, Dr. N. G. P. Arts and Science College, Coimbatore, 21-Jul-2023.
6. **One Day** International Seminar on **Mobile Applications**, Bharathiar University, Coimbatore, 17-Dec-2013.
7. **One Day** National Seminar on **Quality & Excellence in Higher Education**, Theivanai College for Women, Villupuram, 21-Jun-2013 and 22-Jun-2013.

Participation in Workshop

1. **Seven Days** Workshop on **Data Visualization and Analytics with Excel, Power BI, Tableau and Generative AI**, Marian College, Kuttikkanam & IPSR Solutions, 05-Jul-2024 to 11-Jul-2024
2. **Five Days** Workshop on **Latex: A Comprehensive Learning Tool for Technical Documentation**, Amity University, Rajasthan, 17-Jul-2023 to 23-Jul-2023.
3. **Three Days** International Workshop on **Business Analytics using Excel**, Global Institute of Statistical Solutions, Chennai, 01-Jul-2023 to 03-Jul-2023.
4. **Five Days** Workshop on **Statistics Analysis using Python**, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology, Hyderabad, 06-Mar-2023 to 10-Mar-2023.
5. **One day** Workshop on **Outcome Based Education**, IPSR Solutions Limited, Kottayam & Dr.N.G.P.

Arts and Science College, Coimbatore, 04-Mar-2023.

6. **Five Days** Workshop on **Applicable Mathematics for Science and Engineering – Recent Advances**, Vellore Institute of Technology, Andhra Pradesh, 16-Feb-2023 to 20-Feb-2023.
7. **Two Days** Workshop on **PoCoMo**, Veba Technologies, Chennai, 21-Jan-2023 to 22-Jan-2023.
8. **One Day** Workshop on **Spawning Networks**, Ruby's Max Broadband Services Pvt. Ltd, Neyveli, 06-Nov-2022.
9. **Two Days** Workshop on **Web Designing Tools**, Veba Technologies, Chennai, 10-Nov-2018 to 11-Nov-2018.
10. **Two Days** Workshop on **Multimedia based Knowledge for Personalized and Social Online Training**, Veba Technologies, Chennai, 16-Feb-2019 to 17-Feb-2019.

Participation in Faculty Development Programme

1. **Nine Days** Faculty Development Programme on **Text Analytics using Deep Learning**, Ministry of Electronics and Information Technology(MeitY) GOI, Electronics-ICT, National Institute of Technology, Patna, 01-Mar-2025 to 09-Mar-2025.
2. **Five Days** Faculty Development Programme on **Empowering Educators: Strengthening Cybersecurity Awareness, Defence & Research**, Department of Computer Applications, PSG College of Arts & Science, Coimbatore, 24-Feb-2025 to 28-Feb-2025.
3. **Six Days** National Level Transdisciplinary Faculty Development Program on **Mathematics in the Era of AI Adapting to Emerging Trends and Tools**, Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore, in association with V.O. Chidambaram College, Thoothukudi and Sri Sarada College for Women, Salem, 17-Feb-2025 – 22-Feb-2025.
4. **Five Days** Faculty Development Programme on **Cloud Computing & AI Integration**, Department of Computer Science and Engineering, School of Computing, Sathyabama Institute of Science and Technology, Chennai, 10-Feb-2025 to 14-Feb-2025.
5. **Five Days** Faculty Development Programme on **Exploring Computational Intelligence in Deep Learning: Emerging Trends and Real Time Applications**, Department of Computer Science Engineering, Kamaraj College of Engineering, Virudhunagar, 09-Sep-2024 to 13-Sep-2024.
6. **Six Days** Faculty Development Programme on Exploring New Horizons in Mathematical Research, PG and Research Department of Mathematics, V. O. Chidambaram College, Thuthukudi, 19-Aug-2024 to 24-Aug-2024.
7. **Five Days** Faculty Development Programme on **ICT Tools for Effective Teaching**, Department of Civil Engineering, Hindustan College of Engineering and Technology, Coimbatore, 19-Aug-2024 to 23-Aug-2024.

8. **Five Days** Faculty Development Programme on **Current Trends in Technology**, Department of Computer Application and Department of Electronics & Communication Science, Mar Gregorios College of Arts & Science, Chennai, 12-Aug-2024 to 17-Aug-2024.
9. **Five Days** Faculty Development Programme on **Exploring New Frontiers in Teaching Tools, AI and Data Analytics**, MEASI Institute of Information Technology, Royapettah, Chennai, 29-Jul-2024 to 02-Aug-2024
10. **Seven Days** Faculty Development Programme on **Enhancing Academic and Administrative Excellence Through Quality Initiatives**, Park college Coimbatore, 22-Jul-2024 to 29-Jul-2024.
11. **Ten Days** Faculty Development Programme on **Natural Language Processing - LLM**, Ministry of Electronics and Information Technology(MeitY) GOI, Electronics-ICT, National Institute of Technology, Warangal, 28-Feb-2024 to 09-Mar-2024.
12. **Five Days** National Level Faculty Development Programme on **Ensuring Research Integrity: A Digital Hygiene Approach with Blockchain Technology**, 26-Feb-2024 to 01-Mar-2024.
13. **Five Days** International Virtual Faculty Development Programme on **Emerging Trends in Data Analytics**, Saveetha College of Liberal Arts and Sciences, Chennai, 22-Jan-2024 to 26-Jan-2024.
14. **Six Days** Professional Development Programme on **Upskilling Core Competencies for Computer Science Professionals**, Kongunadu Arts and Science College, Coimbatore, 09-Oct-2023 to 14-Oct-2023.
15. **Twelve Days** Virtual Developing Faculty Development Programme on **Human Potentials in Emerging Technologies in Computer Science**, Kongunadu Arts and Science College, Coimbatore, 04-Sep-2023 to 16-Sep-2023.
16. **Five Days** Faculty Development Programme on **Empowering Education for Innovation - A NEP Perceptive**, Dr. N. G. P. Arts and Science College, Coimbatore, 30-Jun-2023 to 04-Jul-2023.
17. **Seven Days** Faculty Development Programme on **Advanced Research Methodology on Data Analytics**, Digvijai Nath Post Graduate College, Uttar Pradesh, 22-Jun-2023 to 28-Jun-2023.
18. **Five Days** Faculty Development Programme on **Outcome Based Education**, Dr. N. G. P. Arts and Science College, Coimbatore, 17-Jun-2023 to 21-Jun-2023.
19. **Seven Days** Faculty Development Programme on **Research Methodology**, IOT Academy, Coimbatore, 05-Jun-2023 to 12-Jun-2023.
20. **One Day** Professional Development Programme on **Adobe Academic Essentials**, Dr. N. G. P. Arts and Science College, Coimbatore, 12-May-2023.
21. **Ten Days** Faculty Development Programme on **Natural Language Processing**, Ministry of Electronics and Information Technology(MeitY) GOI, E-ICT, National Institute of Technology, Warangal, 10-Mar-2023 to 19-Mar-2023.
22. **Ten Days** Faculty Development Programme on **Data Analytics : Methods and Applications in Health Care Using R / Python**, Indian Institute of Information Technology, Dharwad in Association with Electronics & ICT, National Institute of Technology, Warangal, 01-Mar-2023 to 10-Mar-2023.
23. **Five Days** National Level Faculty Development Program on **Machine Learning and Deep Learning**,

SRM Institute of Science and Technology, Chennai, 11-Oct-2022 to 15-Oct-2022.

24. **One Day** Faculty Development Programme on **Quality and Benchmark in Higher Education**,
Theivanai Ammal College for Women, Villupuram, 5-Jun-2013 to 5-Jun-2013.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership
International Association of Engineers	Lifetime Membership Code: 359518