

**Name** : S. SHRI THARANI  
**Designation** : Assistant Professor  
**Department** : Computer Science with Data Analytics  
**Qualification** : M.Sc., M.Phil., [B.Ed.](#), (Ph.D)  
**Experience** : Teaching – 3 Years | Research – 3 Years  
**Specialization**: Data Science  
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### Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Dr. N.G.P. Arts and Science College	Pursuing
B. Ed	Computer Science	Dr. SNS College of Education	2020
M.Phil.	Computer Science	CMS College of Science & Commerce	2018
M.Sc.,	Software Systems	CMS College of Science & Commerce	2010

### Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
Advanced Diploma in Java Programming (ADJP)	Java	CSC Computer Education, Ooty	2010
Java- J2EE & Frameworks	Java	Java Stream Technologies, Bangalore	2013
Android App Development	Java	HCL Career Development Centre, Coimbatore	2015
Certificate	Big Data Computing	NPTEL – IIT Kanpur	2025

### Research Publications

- 1) S. Shri Tharani, Dr. S. Uma, **Educational Strategies Based on the Indian Knowledge System to Foster Social Awareness and Inclusion**, Proceedings of the ICSSR, New Delhi sponsored National Seminar on “Mathematical Visions of Indian Knowledge System for Social Awareness (ICSSR-MIKS-027)”, Volume 1, ISBN:978-93-49348-76-9.
- 2) S. Shri Tharani, Dr. S. Uma, **Enhancing Learning Diversity: The Role of Augmented Reality, Virtual Reality and Mixed Reality in Inclusive Education**, International Conference on Computational Intelligence and Communication Technologies, (ICCICT-2K25), Volume 1, ISBN:978-81-981953-6-4, January 2025.
- 3) S. Shri Tharani, **Role of Technology in Disseminating TIKS-Based Education**, Proceedings of the 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, July 2024.
- 4) S. Shri Tharani, Dr. B. Sumathi, **A Novel Algorithm for Enhancing an Image of Brain Tumor**, International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Volume 3/Issue 3/2185/ [Journal Number 64718] ISSN:2456-3307, March 2018.

#### **Presentations in Conference/ Seminar**

- 1) **Clinician Integrated Smartphone AR For Scalable Anxiety Support: Design, Safety And Deployment Lessons**, International Conference On "Emerging Trends In Computation And Artificial Intelligence, Providence College for Women, Coonoor, The Nilgiris, 8- Oct-2025.
- 2) **Enhancing Learning Diversity: The Role of AR, VR, and MR in Inclusive Education**, International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K25), Dr. N.G.P. Arts and Science College, Coimbatore, 3-Jan-2025.
- 3) **Role of Technology in Disseminating TIKS Based Education**, National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective (ICSSRIKS2024), Dr. N.G.P. Arts and Science College, Coimbatore, 04-July-2024.

- 4) **Image Enhancement Technique for Medical Imaging**, National Conference on Recent Trends in Soft Computing, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 2- Feb-2017.

#### **Participation in Conference/Seminar**

- 1) Cloud Computing – Technical and Business Perspectives, BVICAM, New Delhi, 01-Nov- 202.
- 2) Energy Conservation, National, NSS- Swachhta Action Plan, TNTEU, 27- July-2020.
- 3) ABC of Miyawaki Planting- Green Solutions for Public Spaces in a Climate Changing Era, National, NSS- Swachhta Action Plan, TNTEU, 30- July-2020.
- 4) Artificial Intelligence Revolution, CRD, CMS College of Science & Commerce, Coimbatore, 9-June-2020.
- 5) The Role of Educational Psychology in Fostering Discipline among the Students, State, Dr. G.R. Damodaran College of Education, Coimbatore, 30-Jan-2020.
- 6) Stress Management Techniques for Better Quality of Life, State, Dr. SNS College of Education, Coimbatore, 29-Mar-2019.
- 7) Understanding The Disabilities, National, Dr. N.G.P. College of Education, 13-Dec-2018.
- 8) Timeline Presentation, CRD, CMS College of Science & Commerce, Coimbatore, 3-March-2017.
- 9) Consortium, CRD, CMS College of Science & Commerce, Coimbatore, 5-Oct-2016.

#### **Participation in Orientation Programme / Short Term Courses**

- 1) **AI Tools for Research- Capacity Building Programme**, A. C. T. Academy, Kerala, 29-June-2025.
- 2) **Innovation Ambassador (IA) Training - Advanced Level**, MoE's Innovation Cell & AICTE, 10-Apr- 2024.
- 3) **Innovation Ambassador (IA) training- Foundation Level**, MoE's Innovation Cell & AICTE, 10- April 2024.
- 4) **IP Awareness/ Training program**, NIPAM, 7-Mar- 2024.
- 5) **Women Entrepreneurship Development Programme**, R.M. K. Engineering College,

Sponsored by Department of Science and Technology, Govt. of India, 12- Feb-2024 to 24-Feb-2024.

- 6) **Artificial Intelligence Master Class**, edCults Consulting Private Limited, 27-May-2023.

### Participation in Faculty Development Programme

- 1) **AI in Education**, AICTE Training and Learning (ATAL) Academy, Abdul Razzak Kalsekar Polytechnic, Navi Mumbai, Maharashtra, 13- Oct-2025 to 18-Oct -2025.
- 2) **AI and Data Science for Ecological Sustainability: Innovative Practices and Applications**, AICTE Training and Learning (ATAL) Academy, Dr. N.G.P. Arts and Science College, Coimbatore, 15- Sep-2025 to 20-Sep-2025.
- 3) **Building an Ethical Campus Culture from Classrooms to Governance**, AICTE Training and Learning (ATAL) Academy, T.J.S. College Of Arts And Science, 25-Aug-2025 to 30-Aug-2025.
- 4) **Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical fields (Series 3)** , Dhaanish Ahmed College of Engineering, Tambaram, Chennai, 21-July-2025 to 26-July-2025.
- 5) **Outcome-Based Learning in HEI's for Quality Education**, Dhaanish Ahmed Institute Of Technology, Coimbatore, 18-July-2025 to 22-July-2025.
- 6) **Research Methodology with a Focus on Qualitative Data Analysis using SPSS**, Digi Skill Development Centre & Training Institute, 04-June-2025 to 10- June-2025.
- 7) **Comprehensive Cybersecurity Techniques**, AICTE Training and Learning (ATAL) Academy , KG College of Arts & Science, Coimbatore, 02- Sep-2024 to 07-Sep-2024.
- 8) **Idea Generation Methods**, Hindustan College of Arts and Science, Coimbatore & ICT academy, 5- June-2024 to 7-June-2024.
- 9) **Recent Trends on Research Methodologies, Tools and Techniques**, KG College of Arts & Science, 10-July-2023 to 15- July- 2023.
- 10) **Interactive Digital Pedagogical Tools**, CMS College of Science and Commerce, Coimbatore, 18- Apr-2023.
- 11) **Recent Advances in Data Science, Data Analytics and Cyber Security**, Shri Vishnu Engineering College for Women, Bhimavaram, 1-Mar-2023 to 5-Mar-2023.

12) **Prominent Challenges in Computer Science & Applications**, Navarasam Arts & Science College for Women, 26-Dec-2022 to 31-Dec-2022.

13) **Recent Developments in Energy Efficient Semiconductor Based Materials and Their Applications**, Malla Reddy Institute of Engineering and Technology, 26-Oct-2022.

### Participation in Workshop

- 1) **Application Development with AI& Essential Skills**, Anjuman Institute of Technology and Management Bhatkal, 23-June-2025 to 27-June-2025.
- 2) **Intellectual Property & Technology Transfer Workshop for Higher Education Institutions**, AICTE Indovation Centre Chennai & PSG College of Technology, 15-Oct-2024.
- 3) **Prioritization of Preparedness for NAAC Accreditation**, IQAC, CMS College of Science and Commerce, Coimbatore, 20-Jan-2023.
- 4) **Developing Life Skills through gamification for Teaching Competency in Inclusive Education**, National, Dr. SNS College of Education, Coimbatore, 13- Mar-2020.
- 5) **Crystallizing of Teachers to Nurture the Pupils with Diverse Disposition**, International Hindustan College of Education, 3-Jan-2020.
- 6) **Big Data Analytics- Techniques and Tools**, PSGR Krishnammal College for Women, Coimbatore, 10-Jan-17 to 12-Jan-17.
- 7) **Multimedia (Photoshop & Flash)**, CSC Computer Education & CMS College of Science and Commerce, Coimbatore, 28- Sep- 2012.