



FACULTY PROFILE ON WEBSITE

Faculty Name	Usha C R	
Academic Designation	Assistant Professor	
Educational Qualification	B.E, M.Tech (Ph.D)	
Experience in Teaching & Industry	11 Y & 0	
Date of Joining	15-04-2024	
Official Email ID	usha-cse@dsatm.edu.in	
Employee ID	180794	

Educational Details

Degree	Institution/University	Month and Year of Passing/Joined	% of Marks Obtained
Ph.D (CSE)	Dayananda Sagar University, Harohalli, India	Enrolled 2025	Pursuing
M.Tech (CNE)	R.N.S Institute of Technology, Bengaluru, India	Sept, 2012	85.50
B.E (CSE)	East West Institute of Technology, Bengaluru, India	June, 2007	63.27

Professional Experience

Sl. No	Designation	Institution	Duration
1	Assistant Professor	Dayananda Sagar Academy of Technology and Management, Bengaluru, India	Apr 2024- Till Date
2	Assistant Professor	K. S Institute of Technology, Bengaluru, India	Oct 2023- Mar 2024
3	Assistant Professor	Global Academy of Technology, Bengaluru, India	Sept 2021- Sept 2022
4	Assistant Professor	B.N.M. Institute of Technology, Bengaluru, India	July 2015 - Jan-2020
5	Assistant Professor	Cambridge Institute of Technology, Bengaluru, India	July 2012- Nov 2013
6	Lecturer	Basava Academy of Engineering, Bengaluru, India	Sept 2007 - Sept 2008

Publications

1. Likhith V , Monish M , Abhishek A , Chandan V K , Usha C R **“Advancements in Document QnA: A Comprehensive Survey”** International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 12 Issue I Jan 2024
2. Shreetej Sharma, Darshan M, Shashank K S, Usha C R **“Phishing Attack Detection using Hybrid Learning”**, International Journal of Advanced Research in Computer and Communication Engineering, ISO 3297:2007 Certified, Impact Factor 7.39, vol 11 Issue 5, May 2022.
3. Pathanjali C, Ranjana S Chakrasali, Vimuktha E Salis, Usha C R, **“A Novel Approach to improve the LZW data compression algorithm”** International journal of Advanced Research Ideas and Innovation in Technology(IJARIT), volume -05 Issue -03 PP:2220-2224 ISSN:2454-132X, Impact Factor:4.295, May-June 2019
4. Anitha A, Kavya Sri Gudivada, Rakshitha Lakshmi M K, Shikha Kumari, Usha C R, **“Identifying Phishing website through URL Parsing”** International journal of Engineering Research and Technology(IJERT), volume -05 ISSN:2278-0181, Impact Factor:7.86 May-June 2019
5. Keerthi G S, Usha C R, **“Human Face Recognition in video using convolutional neural network(CNN)”** International Research journal of Engineering and Technology(IRJET), volume 06 PP :4726-4730 e-ISSN 2395-0056 p-ISSN:2395-0072, Impact Factor: 7.211, ISO 9001:2008 Certified journal 05 May 2019
6. Rashmi B H, Usha C R, **“The Application aware Firewall Architecture to Enhance Security in an Organization”** International Journal of Trend in Research and Development (IJTRD), Volume 4(1), PP: 746-750 ISSN: 2394-9333© 2017, Impact Factor: 4.004, ISO 9001:2008 Certified Journal, March-April 2017.
7. Rashmi B H, Usha C R, **“Enhancement to Security in an Enterprise Network using Firewall”** International Journal of Trend in Research and Development (IJTRD), Volume 4(1), PP: 437-440 ISSN:2394-9333© 2017, Impact Factor:4.004, ISO 9001:2008 Certified Journal, January-February 2017.
8. Rashmi B H, Usha C R, Jayanth P Raj **“Firewall: A Perimeter Security Solution”**, International Journal of Scientific and Engineering Research (IJSER), Volume: 8 Issue: 1, PP:506-509 ISSN: 2229-5518, © 2017, Impact Factor value: 3.2, ISO 9001:2008 Certified Journal, January 2017.

International Conferences:

1. Mukesh Kumar, **Usha C R**, Yuvaraj Singh, Swapnil Sinha, Jyothishko Boral, Riti Tripathi, **“Seismic Activity Prediction using Machine Learning Algorithms”**, 2026 International Conference on Intelligent Computing, Networks, and Security (IC-ICNS), DOI: 10.1109/IC-ICNS68863.2026.11537866, ISBN:979-8-3315-8338-5.
2. Swati Devliyal, Sree Pranathi Pallela, **Usha C R**, Surabhi Shankar, D Sai Niharika, Atul Singla **“Federated Learning Models for Privacy-Preserving Cybersecurity in Distributed Networks”**, 2026 2nd International Conference on Big Data & Machine Learning (ICBDML), DOI: 10.1109/ICBDML68582.2026.11544760, ISBN:979-8-3195-3092-9.
3. Nagaraj M Lutimath, Swathi A, Tripathi Kulkarni, Vinay T R, **Usha C R**, Jyothi M V **“Transfer Learning Driven Flower Classification with optimized MobileNetV2 Architecture”**, 2025 IEEE Conference on Emerging Computation & Information Technologies (ICECIT-2025), DOI: 10.1109/ICECIT 67774.2025 11451028, ISBN: 979-8-3315-6866-5.
4. A Akhelesh, Durbadal Chattaraj, Gorle Durga Prasad, T Goutham, Chunduru Narasimha satwik, **Usha C R** **“DeepFake Image Content Detections using AI Algorithms: A State-of-the-Art-Survey and Analysis”**, 2025 International Conference on Computational Innovations and Sustainable Technologies (ICCIST 2025), IEEE, DOI-10.1109/ICCIST67338.2025 11438817, ISBN:979-8-3315-9677-4

National Conferences:

1. AshaLatha C R, **Usha C R**. “**Auction Fraud Detection Online Modeling**”, Eighth National Conference on Recent Trends in Computer Science and Engineering (NCRTCS-13) at SJBIT, Bengaluru, on May 2013.

Conference Attended

1. Paper Presented titled “ **Transfer Learning Driven Flower Classification with optimized MobileNetV2 Architecture**” during the IEEE 3rd International Conference on Emerging Computation & Information Technologies (ICECIT-2025) organized by the Department of CSE & ISE, Siddaganga Institute of Technology Tumakuru on 19th -20th December 2025.
2. Paper Presented titled “ **DeepFake Image Content Detections using AI Algorithms: A State-of-the-Art-Survey and Analysis**” during the IEEE International Conference on Computational Innovations and Sustainable Technologies (ICCIST 2025) organized by the Department of CSE, CHRIST (Deemed to be university), Bangalore on 18th -19th December 2025.
3. Participated in International Conference on “**Data Engineering and Communication Systems**” iCDECS-2011 organized by Dept. of CSE and ISE, RNSIT, Bengaluru, India on 30th – 31st December, 2011

Awards/Achievements/Memberships

- Life member of The Indian Society for Technical Education (LMISTE) – LM 109065
- Completed NPTEL online courses on Internet of Things, Industrial Internet of Things, Introduction to Machine Learning, Cybersecurity and Privacy.
- Completed Infosys Springboard Certification course on Web Technologies- HTML, CSS3, Javascript during January 2025

Academic Activity

coordination's - Proctor/PTM Coordinator, Event Coordinator, Magazine coordinator, Calendar of Events coordinator, Time Table Coordinator, Placement Coordinator, Project coordinator, Technical Seminar Coordinator, Internship Coordinator, Cultural Coordinator, Sports Coordinator, Minutes of Meeting Coordinator

Roles and Responsibilities:

1. Worked for NBA, NAAC, NIRF.
2. Having an exposure for working in autonomous Institution by setting syllabus, Question paper etc.
3. Organized a Technical Talk in K.S Institute of Technology, Bengaluru.
4. Organized Training Program in DSATM, Bengaluru.

Faculty Development Activity/Workshops

1. **Participated in one-week online** Faculty Development Programme on “**Quantum-AI: Convergence for Next-gen computing**” organized by Department of CSE, JAIN (Deemed-to-be University) from 23rd March to 27th March 2026.
2. Participated in one-week Faculty Development Programme on “**Applied Internet of Things: Practical Design, Development & Real-world Applications**” organized by Department of ECE, E&TC, E&I, Physics from 19th January to 24th January 2026
3. Participated in Two days Workshop on “**Research Publication Ethics**”, organized by office of Dean Research, Dayananda Sagar University from 25th July to 26th July 2025

4. Participated in one-week National Level Faculty Development Programme on **“AI Tools”** organized by Department of ISE, Dayananda Sagar Academy of Technology and Management in association with Brainovision Solutions India Pvt Ltd in collaboration with AICTE from 17th February to 21st February 2025
5. Participated in one-week online Faculty Development Programme on **“Django Development Bootcamp”** organized by Department of CSE(AIML), Pragati Engineering College, Surampalem from 15th July 2024 to 20th July 2024
6. Participated in one-week International FDP on **“Interdisciplinary Insights: Data Science, Machine Learning & Cybersecurity”** organized by School of Computer Science and Engineering, JAIN(Deemed-to-be University) held on 19th February to 24th February 2024
7. Participated in two days Faculty Development Programme on **“Data Analytics and Visualization using Python based Free and Open-source Software”** organized by AMC college of Engineering in collaboration with Free Software movement Karnataka (FSMK) held on 10 & 11 November 2023.
8. Participated in one day **“Research Symposium on Synergistic Innovations”** jointly organized by Department of CSE & ISE, RNS Institute of Technology in Association with IEEE SPS Student Branch Chapter on November 17,2023.
9. Participated in one day **“WiE Track Event”** organized by **COMSNETS 2024** (16th International Conference on COMMunication Systems & NETworks) on 5th January 2024
10. Participated in one week Faculty Development Programme on **“Transcending Language Skills”** organized by BNMIT, Bengaluru from 15th July to 25th July 2019
11. Participated in Three days Faculty Development Programme on **“ICT Tools and Effective Research”** organized by Dept. of CSE, A M C Engineering College, Bengaluru, India from 28th -30th January, 2019
12. Participated in Three days Faculty Development Programme on **“Machine Learning”** organized by Dept. of CSE & ISE, RNSIT, Bengaluru, India from 19th -21st July, 2018.
13. Participated in Five days Faculty Development Programme on **“Biomedical Signal Processing”** organized by Dept. of CSE, BNMIT, Bengaluru, India from 11th -15th June, 2018.
14. Participated in Two days Workshop on **“Research Methodology”** organized by Karnataka Science and Technology Academy (KSTA),DST, GoK, Bengaluru India on 6th -7th July, 2017.
15. Participated in one week Faculty Development Programme on **“Research Frontiers in Networking – A Tool Driven Approach”** at BNMIT, Bengaluru, India from 16th – 21st January 2017
16. Participated in one week Faculty Development Programme on **“IBM-Bluemix for IOT & Security”** organized by Dept. of CSE, BNMIT, Bengaluru, India from 11th – 16th July 2016
17. Participated in one week Faculty Development Programme on **“Machine Learning”** organized by Dept. of CSE, BNMIT, Bengaluru, India from 18th – 23rd January 2016
18. Participated in Ten days Training Program on **“Think Parallel: Parallel Programming for Engineers & Scientists”** organized by Center for Development of Advanced Computing (C-DAC), DST, Bengaluru India from 10th -20th June 2013.
19. Participated in Two days Workshop on **“Android Mobile Operating Systems”** organized by RNS Institute of Technology, Dept. of CSE & ISE, Bengaluru India on 21st -22nd April, 2011.

Contact Details

Date of Birth: 10th May, 1986

Status: Married

Address: #131, 4th Main Road, Raghuvanahalli,
BCMC Layout, Kanakapura Main Road,
Bengaluru, Karnataka.

USHA C R