



Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi)

Faculty Biodata

GENERAL INFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name(inBlockLetters)	Dr.HARSHITHA S
2.	Qualification	BE, MTech, PhD
3.	Date of joining the service at MCE	22/08/2019
4.	Department	Computer Science and Engineering
5.	Current Designation & Experience in MCE	Assistant Professor, 7 years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	U.G
Research Experience (in Years)		
7.	a) Total Number of years b) Years spent in M. Phil. / Ph.D. c) Years of Guiding Ph.D. / M. Phil. d) Total No. of papers Published in i. International Journals ii. National Journals iii. Conference Proceedings e) Total No. of Conferences/Seminar/Workshop Attended i. International ii. National iii. State Level	05 - - 23 - -
8.	Awards /Prizes/ Honor's / Recognitions	-

9.	Fields of Specialization under the Subject / Discipline	Computer Networks Machine learning		
10. Orientation/Refresher Course/Summer School / Winter School/Workshops attended:				
Sl. No.	Name of Course/Summer/Winter School	Place	Duration	Sponsoring Agency
1	IUCEE –Phase-I	MCE, Hassan	26th to 28th Dec 2019	TEQIP-III
2	Blockchain	MCE, Hassan	3rd to 7th Nov 2020	AICTE
3	IUCEE– Phase II	MCE, Hassan	Spring 2020	TEQIP-III
4	Computer Science & Biology	MCE, Hassan	19th to 23rd Jan 2021	AICTE

PART-B

1. List of Publications:

Sl.No	Year	Publication details
1	2025-2026	Review on Quantum AI- Based Parkinson's Disease Diagnosis Optimizer, International Journal of Science Research in Engineering and Management (IJSREM), Volume 10, Issue 5, May 2026.
2	2025-2026	Review on Hybrid AI-Based Intrusion Detection System with Quantum-Inspired Optimization, International Journal of Science Research in Engineering and Management (IJSREM), Volume 10, Issue 5, May 2026.
3	2024-2025	Slidebot: Automated Presentation Generation Using NLP, International Research Journal on Advanced Engineering and Management, e ISSN: 2584-2854 Volume: 03 Issue: 12 December 2025 Page No: 3276-3280, https://doi.org/10.47392/IRJAEM.2025.0519
4	2024-2025	MCE GuideBot: AI-Powered College Information System, International Research Journal on Advanced Engineering and Management, e ISSN: 2584-2854 Volume: 03 Issue: 12 December 2025 Page No: 3281 – 3286, and Management https://goldncloudpublications.com https://doi.org/10.47392/IRJAEM.2025.0519
5	2024-2025	Review on AI Chatbot for College Event Reminder, , International Journal of Scientific Research and Engineering Development— Volume X Issue X, Year2025

6	2024-2025	Review on Automated PPT Generation from Textbook Content, International Journal of Scientific Research and Engineering Development-- Volume X Issue X, Year2025
7	2024-2025	Multilevel and Multisource Data Fusion Approach for Network Intrusion Detection System using Machine learning techniques”, International Journal of Electrical and Computer Engineering (IJECE), ISSN 2088-8708, e-ISSN 2722-2578 (Scopus indexed)
8	2024-2025	A Fully Automatic Fine-Tuned Deep Learning Model for Knee Osteoarthritis Detection and Progression Analysis, International journal of innovative Research in Computer and Communication Engineering, Volume 13, Issue 5, May 2025, Volume 13, Issue 5, May 2025
9	2024-2025	Knee Osteoarthritis Detection and Severity Classification using Deep Learning, International journal of innovative Research in Computer and Communication Engineering, Volume 13, Issue 1, January 2025, DOI: 10.15680/IJIRCCE.2025.1301009
10	2024-2025	Feature level fusion of multi-source data for network intrusion detection”, IAES International Journal of Artificial Intelligence (IJ-AI), Vol. 13, No. 3, September 2024, pp. 2956~2962, ISSN: 2252-8938, DOI: 10.11591/ijai.v13.i3.pp2956-2962.04 (Scopus indexed Q2)
11	2023-2024	Securing the Data using Steganography Technique in Images,14 th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1491–1496 (Scopus indexed)
12	2023-2024	A Survey on Deep Learning methods for Speech Emotion Recognition, 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1491–1496 (Scopus indexed)
13	2023-2024	Cipher Safe: Your Digital Password Guardian, International Journal of Advanced Research in Computer and Communication Engineering Impact Factor 8.102,Peer-reviewed & Refereed journal□,Vol. 13, Issue 4, April 2024 DOI: 10.17148/IJARCCE.2024.13487
14	2023-2024	Enhancing Intrusion Detection in IoT Systems ,International journal of innovative Research in Computer and Communication Engineering
15	2023-2024	Network intrusion detection and classification using machine learning predictions Fusion, Indonesian Journal of Electrical Engineering and Computer Science,Vol. 31, No. 2, August 2023, pp. 1147~1153, ISSN: 2502-4752, DOI: 10.11591/ijeecs.v31.i2.pp1147-1153.03(Scopus indexed)
16	2022-2023	Malicious URL Detection Using Logistic Regression, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 11 Issue VII Jul 2023

17	2022-2023	Intensity Based Headlight Management System, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 11 Issue VII Jul 2023
18	2022-2023	IOT Based Food Spoilage Detector, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 11 Issue VII Jul 2023
19	2022-2023	War Field Intelligent Spy Robot, International Journal of Advanced Research in Science, Engineering and Technology Vol. 10, Issue 6, June 2023
20	2022-2023	Online E-Learning Portal System to Enhance Teaching and Learning, IJESC, Volume 13 Issue No.6, 2023.
21	2020-2021	Performance Analysis of Decision Tree Classifier in Network Intrusion Detection System in IJIRSET, Volume 10, Issue 6, June 2021
22	2020-2021	Resolving Wireless Sensor Networks Issues using Machine Learning Techniques: A Review, International Journal for Research in Applied Science & Engineering Technology, Volume 9, Issue VII, July 2021
23	2020-2021	Eye Tracking System for Password Authentication using Haar Cascade Classifier, International journal of engineering science and computing, volume 11, issue 6, june 2021.

Patent Details

1. ARTIFICIAL INTELLIGENCE (AI) BASED NETWORK INTRUSION DETECTION DEVICE

PATENT - Design No. : 434422-001



Organized below listed programs

1. Organized 3 days workshop on GenAi Boot camp from 25th to 27th September, 2025
2. Organized 3 days workshop on Full Stack Web Development from 22nd to 24th April, 2025
3. Organized 3 days workshop on Software Engineering and Project Management
4. Expert talk on Emerging Trends on ERP and Mobile Communication on 08/04/2025
5. Expert talk on Smart Survival: Practical Hacks for Life Saving Emergencies on 06/03/2026

Workshops/FDP attended

1. The FACULTY DEVELOPMENT PROGRAM on Advanced Generative AI and Context Engineering Conducted from 18th May 2026 to 22nd May 2026.

2. AICTE Training And Learning (ATAL) Academy Faculty Development Program on Transforming Technical Education & research through Generative AI at MALNAD COLLEGE OF ENGINEERING from 10/11/2025 to 15/11/2025.
3. AICTE Training And Learning (ATAL) Academy Faculty Development Program on Nanomaterials at JSS SCIENCE AND TECHNOLOGY UNIVERSITY from 06/01/2025 to 11/01/2025.
4. The one-week Faculty Development Program (FDP) titled „Exploring Data Analytics and Artificial Intelligence,“ organized from Monday, 17th June to Friday, 21st June 2024 organized by Atal Bihari Vajpayee School of Management & Entrepreneurship Jawaharlal Nehru University New Delhi, India
5. Participated in the Six-Day online FDP on “Devops” from 4th- 9th November,2024,organized by Department of Computer Science and Engineering, VVCE,Mysore.
6. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Quantum and Photonics" from 29/11/2021 to 03/12/2021 at Malnad College of Engineering, Hassan.
7. AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Science & Biology" from 2021-1-19 to 2021-1-23 at Malnad College of Engineering.
8. One Week Online FDP on “Multidisciplinary Trends in Information Technology in association with CSI during 21st -25th july 2020 organized by AIT,Chikkamagaluru
9. NATIONAL LEVEL ONLINE 5 DAYS FDP ON “MACHINE LEARNING AND RESEARCH OPPORTUNITIES” from 15-06-2020 to 19-06-2020. Organized by SAPTHAGIRI COLLEGE OF ENGINEERING BENGALUR
10. Three days Faculty Development Programme(FDP) on “A Real time Practical approach of Deep Learning with keras using colab” during 25th to 27th June, 2021. Organized by SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY Bengaluru-562157, Karnataka, India
11. One Week Online FDP on “Exemplary Practices in Teaching Learning and Evaluation of courses in Computer Science and Information Technology from 3rd -7th August organized by VTU and IIT,Allahabad.
12. AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" from 2020-11-3 to 2020- 11-7 at Malnad College of ENGINEERING.
13. Participated and secured “S+ Grade” in a one week National Level Online Short Time Training Program on "MATLAB for ALL" during 04th June to 8th June 2020 organized by the Department of Electrical and Electronics Engineering, SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, Bangalore-562157.
14. Five DAY FACULTY DEVELOPMENT PROGRAMME ON “Deep Learning and Natural Language Processing using Modern Tools” ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FROM 21ST TO 25TH JULY 2020.
15. Participated in the Four-Day FDP on “Image Processing and Data Science” from 26-6-2020 to 29-6-2020 organized (online) by the department of Computer Science & Engineering (Accredited by

NBA), Canara Engineering College.

16. One Week Online Faculty Development Program on “Research Avenues in Healthcare Technology” organized by the Department of Electronics and Instrumentation, SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING JSS SCIENCE AND TECHNOLOGY UNIVERSITY during 21st to 25th of July 2020 under TEQIP Phase III

Industry Training

Industry Training at Cryogen Technical Solutions LLP, Bengaluru, from 7th January to 7th February 2026.

2. **Responsibilities in the Department and Institute / University:** (DAC,DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

Sl. No	Responsibilities
1.	BOE chairman
2.	BOS member
3.	IAB member
4.	NSS Coordinator Department level
5.	Women cell member from the department
6.	Member of Anti-ragging committee

Professional Development Activities		
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	2



[HARSHITHA S]

