



Faculty Bio data

GENERAL INFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name(in Block Letters)	MEGHA H C
2.	Qualification	Diploma, B.E, M.Tech, (Ph.D)
3.	Date of joining the service at MCE	06-05-2024
4.	Department	CSE(AI&ML)
5.	Current Designation & Experience in MCE	Assistant Professor, 1.8 Years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	U.G. (3.3 Years) P.G. (1 Year)

Research Experience (in Years)

7.	a) Years spent in M. Phil. / Ph.D. -----2 Years b) Total No. of papers Published in i. International Journals -----6 c) Total No. of Conferences i. International Conference Proceeding----2	
8.	Fields of Specialization under the Subject / Discipline	AI, ML, Image Processing, Deep Learning
9.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended	Yes

PART-B

1. List of Publications

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	An aggressive parallel pattern mining algorithm for predicting user behavior in sensor application data	International Conference on Electronics & Communication Engineering ICRRCE-2025 12 April 2025, Paper No. ICRRCE-163	ICRRCE-2025 12 April 2025, Paper No. ICRRCE-163
2.	The Explicit Frontier: A Comparative Analysis of 3D Gaussian Splatting	International Journal of Innovative Research in	ISSN: 2349-6002,

	and the Quest for Real-Time Radiance Field Rendering	Technology, IJIRT 188581 Volume 12 Issue 7 December 2025	Page No. 4762
3.	Media and Volume Control using Face Recognition and Hand Gestures	International Journal of Innovative Research in Technology, IJIRT 184020, Volume 13 Issue 3 December 2025	Page No. 4105 ISSN: 2349-6002
4.	A Comprehensive Survey of Digital Twinning Systems for Medical Imaging of Brain Tumors	International Journal of Innovative Research in Technology, IJIRT 184030, Volume 12 Issue 3 August 2025	ISSN: 2349-6002
5.	Exploratory Research of Brain-Tumor Detection and Classification using Deep-Learning-Technique	Grenze International Journal of Engineering and Technology June Issue	Page 2. 1765 Grenze ID: GIJET.9.2.453© Grenze Scientific Society, 2023 ,Grenze ID: 01.GIJET.9.2.453.
6.	Evaluation of Brain Tumor MRI Imaging Test Detection and Classification	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 8 Issue VI June 2020 IC Value: 45.98; SJ Impact Factor: 7.429,	ISSN: 2321-9653
7.	The Research Assessment study on Brain-Tumor Detection and Classification from MRI Imaging test	International Journal of Scientific Development and Research (IJSDR) www.ijsdr.org IJSDR2005094, Volume 5, Issue 5 May 2020 IJSDR	ISSN: 2455-2631
8.	Survey on Security threats and Remedies in cloud Computing	International Research Journal of Engineering and Technology Volume 6 Issue 6 2019, (IRJET)	e-ISSN: 2395 0056

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.	DAC

3. **Details of Teaching Related Activities**

Sl. No.	Academic Year	B.E/M.tech	Course Title	Workshop Name
1.	2024-25	B E	Web Application Development Lab	Coding on Website Design
2.	2025-26	B E	Web Application Development Lab	Step into Web Development with MERN

PART-C

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

1. Published Papers / Papers presented in Conferences, Journals

Sl. No	Title	Journal with Vol. Year & Page No.	Whether International/National /State/Regional/ University/College Level Published Papers / Papers presented	ISSN/ISBN /Number	No. of Co-authors	Whether you are the main author or Guide / mentor
1.	An aggressive parallel pattern mining algorithm for predicting user behavior in sensor application data	International Conference on Electronics & Communication Engineering ICRRCE-2025	International Journal Published Papers	ICRRCE-2025 12 April 2025, Paper No. ICRRCE-163	4	Co-authors
2.	The Explicit Frontier: A Comparative Analysis of 3D Gaussian Splatting and the Quest for Real-Time Radiance Field Rendering	International Journal of Innovative Research in Technology, IJIRT 188581 Volume 12 Issue 7 December 2025	International Journal Published Papers	ISSN: 2349-6002, Page No. 4762	4	Guide
3.	Media and Volume Control using Face Recognition and Hand Gestures	International Journal of Innovative Research in Technology, IJIRT 184020, Volume 13 Issue 3 December 2025		Page No. 4105 ISSN: 2349-6002	6	Guide
4.	A Comprehensive Survey of Digital Twinning Systems for Medical Imaging of Brain Tumors	International Journal of Innovative Research in Technology, IJIRT	International Journal Published Papers	ISSN: 2349-6002	4	Guide

		, IJIRT 184030 Volume 12 Issue 3 August 2025				
5.	Exploratory Research of Brain-Tumor Detection and Classification using Deep-Learning-Technique	Grenze International Journal of Engineering and Technology June Issue	International Journal Published Papers	Page 2. 1765 Grenze ID: GIJET.9.2.453© Grenze Scientific Society, 2023 ,Grenze ID: 01.GIJET.9.2.453.	1	Main Author
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7.	The Research Assessment study on Brain-Tumor Detection and Classification from MRI Imaging test	International Journal of Scientific Development and Research (IJSDR) www.ijtsdr.org IJSDR2005094, Volume 5, Issue 5 May 2020 IJSDR	International Journal Published Papers	ISSN: 2455-2631	-	Main Author
8.	Survey on Security threats and Remedies in cloud Computing	International Research Journal of Engineering and Technology Volume 6 Issue 6 2019, (IRJET)	International Journal Published Papers	e-ISSN: 2395 0056	3	Co-Author

2. Published Papers / Papers presented in Conferences, Journals/ Patent Details

Patent Details

Sl.No	Name	Details	Co-authors/ Author
1.	IOT BASED ORGANIC WASTE COMPOSTER	Design No: 432232-001 Date: 30/09/2024	1.Mr. Manjunath Giddegowda 2. Dr. Kishor Kumar Srikanta 3.Dr. Sunil Chaluvaiah 4.Mr. Santhosh Kumar Kallahalli Shivanna 5.Mr. Krishnaswaroop Chikkalli Dwaraki 6.Mrs. Megha Hoovinahalli Kaval Chandregowda 7.Mrs. Poornima Kanchan

3. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes

Training Courses

Sl. No.	Training Courses Name	Type -Level	Duration	Organized By	Conducted or Attended
1.	Scaling New Heights: A Comprehensive Training Programme to Enhance Overall Institutional Diligence	College level	1 Day 20 th September 2024	Dept of ME & CE, Malnad college of Engineering, Hassan	Attended
2.	IEEE Xplore	International Level	1 Day 13 th August 2025	EBSCO Information Service, IEEE Authorized Dealer	Attended

Faculty development Programmes

Sl. No.	Name of Course/Summer/Winter School	Type - Level	Duration	Organized By	Conducted or Attended
1.	GenAI and Prompt Engineering using Microsoft Copilot	National FDP	5 Days 15 th April to 19 th April 2024	P B Siddhartha College of Arts & Science ,dept of CSE(DS) Collaboration with ExcelR Edtech Pvt. Ltd	Attended
2.	New generation smart materials and composites for sustainable development	AICTE FDP	1 Week 7 th -12 th June 2024	Malnad College of Engineering, Hassan Dept. of Civil, collaboration with AICTE Idea Lab	Attended
3.	AI and Gen AI with Industry Application	International FDP	5 Days 16 th - 22 nd July 2024	MIT Academy of Engineering- Maharastra NIE- Mysor, NECA- Andra Pradesh MECA- Telangana Collaboration with ExcelR Edtech Pvt. Ltd	Attended
4.	Applications of AI/ML in power system & Electric Vehicles	FDP	5Days 5 TH - 9 th August 2024	Kishkinda University, New Dehli, Department of EEE	Attended
5.	Machine Learning and Artificial Intelligence	International FDP	5 Days 12 th – 19 th August 2024	SJBIT , Banglore, Pimpri Chinchwad College of Engineering and Research, Ravet, Pune	Attended

6.	Data Analytics and Visualization	FDP	5 Days 9 th -13 th September 2024	Malnad College of Engineering, Hassan Dept.ISE & CMRIT Banglore	Attended
7.	5G Networks Slicing & Application	FDP	5 Days 11 th – 15 th November 2024	PSIS, Presidency University, Bengaluru	Attended
8.	AI Tools for Research Development	International Webinar	1 Day November 15 th 2024	HKBK Degree College, Dept, of Commerce	Attended
9.	Industry 4.0	Workshop	1 Day 8 th Feb 2025	BGS IT , Bellur cross, Mandya Dist.	Attended
10.	Cyber Security	FDP	1 Week 14 th – 20 th Feb 2025	Dept. MBA&Research Centre, Sapthagiri NPS university, Banglore, MCA Dept. ICEM,Pune, etc ExcelR Edtech Pvt. Ltd	Attended
11.	AI Powered Time Table Generator	IEEE Project Expo-2025	1 Day 29 th April 2025	Navkis College of Engineering, Hassan Dept. of ECE – IEEE Student Chapter Navkis college & IEEE CEDA Banglore Chapter, IEEE	Attended & Presented
12.	3 rd IEEE International Conference on Data Science and Information System -2025	ICDSIS-2025	2 Days 16 th -17 th May 2025	MCE, Hassan Dept. of ISE , CSE(AI&ML), CSBS	Organizing Committee Member
13.	AI Agents	FDP	5 Days 12 th – 16 th May 2025	Commissionerate of Collegiate Education(CCE), Govt. Andra Pradesh, ExcelR Edtech Pvt. Ltd	Attended
14.	Students Contribution towards Society	Workshop with Social Service	1 Day 11 th Dec 2025	Malnad College of Engineering, Hassan Organised by Scouts Guides Wing	Organized

NPTEL/MOOC/Any Online Courses

Sl. No.	Title of NPTEL/MOOC/Any Online Courses	Duration	Issue Date, Year
1.	CS107:C++ Programming	3 Days	Feb 6, 2025

Megha H C