



**Faculty Bio data**

**GENERAL INFORMATION AND ACADEMIC BACKGROUND**

**PART-A**

1.	Name(in Block Letters)	<b>MEGHA H C</b>
2.	Qualification	<b>Diploma, B.E, M.Tech, (Ph.D)</b>
3.	Date of joining the service at MCE	<b>06-05-2024</b>
4.	Department	<b>CSE(AI&amp;ML)</b>
5.	Current Designation & Experience in MCE	<b>Assistant Professor, 1.8 Years</b>
6.	<b>Teaching Experience:</b> P.G. (in Years) : U.G. (in Years) :	<b>U.G. (3.3 Years)</b> <b>P.G. (1 Year)</b>
<b>Research Experience (in Years)</b>		
7.	<b>a) Years spent in M. Phil. / Ph.D. -----2 Years</b> <b>b) Total No. of papers Published in</b> i. International Journals -----6 <b>c) Total No. of Conferences</b> i. International Conference Proceeding-----2	
8.	<b>Fields of Specialization under the Subject / Discipline</b>	<b>AI, ML, Image Processing, Deep Learning</b>
9.	<b>Orientation/Refresher Course/Summer School / Winter School/Workshops attended</b>	<b>Yes</b>

**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	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 (IJS DR) www.ijsdr.org IJS DR2005094, Volume 5, Issue 5 May 2020 IJS DR	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 ICRRCCE-2025	International Journal Published Papers	ICRRCE-2025 12 April 2025, Paper No. ICRRCCE-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,	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	<b>International Journal Published Papers</b>	Page 2. 1765 Grenze ID: GIJET.9.2.453© Grenze Scientific Society, 2023 ,Grenze ID: 01.GIJET.9.2.453.	1	<b>Main Author</b>
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,	<b>International Journal Published Papers</b>	ISSN: 2321-9653	-	<b>Main Author</b>
7.	The Research Assessment study on Brain-Tumor Detection and Classification from MRI Imaging test	International Journal of Scientific Development and Research (IJS DR) www.ijedr.org IJS DR2005094, Volume 5, Issue 5 May 2020 IJS DR	<b>International Journal Published Papers</b>	ISSN: 2455-2631	-	<b>Main Author</b>
8.	Survey on Security threats and Remedies in cloud Computing	International Research Journal of Engineering and Technology Volume 6 Issue 6 2019, (IRJET)	<b>International Journal Published Papers</b>	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 Chaluvaiiah 4.Mr. Santhosh Kumar Kallahalli Shivanna 5.Mr. Krishnaswaroop Chikkalli Dwaraki <b>6.Mrs. Megha Hoovinahalli Kaval Chandregowda</b> 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 <sup>th</sup> September 2024	Dept of ME & CE, Malnad college of Engineering, Hassan	Attended
2.	IEEE Xplore	International Level	1 Day 13 <sup>th</sup> 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 <sup>th</sup> April to 19 <sup>th</sup> 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 <sup>th</sup> -12 <sup>th</sup> 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 <sup>th</sup> - 22 <sup>nd</sup> 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 <sup>TH</sup> - 9 <sup>th</sup> August 2024	Kishkinda University, New Dehli, Department of EEE	Attended
5.	Machine Learning and Artificial Intelligence	International FDP	5 Days 12 <sup>th</sup> – 19 <sup>th</sup> August 2024	SJBIT , Bangalore, Pimpri Chinchwad College of Engineering and Research, Ravet, Pune	Attended

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

#### 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**