



# 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. VINUTHA M.R
2.	Qualification	B.E, M.Tech,Ph.D
3.	Date of joining the service at MCE	27-08-2007
4.	Department	Information Science and Engineering
5.	CurrentDesignation &Experience in MCE	Assistant professor , 16 Years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	P.G 20 Years
<b>Research Experience (in Years)</b>		
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. ofConferences/Seminar/Workshop Attended i. International ii. National iii. State Level	07 years Nil 6 1 2
8.	Awards /Prizes/ Honor's / Recognitions	nil
9.	Fields of Specialization under the Subject / Discipline	Machine Learning
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	

## PART-B

### 1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	Applications of Data Mining and Soft Computing Techniques for Intelligent Medical Data Analysis	IJTRD, Volume 3(6) Issue 4, June 2015.	ISSN 2394-9333
2.	Alumni Mentoring Programme	Journal of Engineering Education Transformations, Volume-31, Issue-3, January 2018	ISSN 2349-2473, ISBN2394-1707
3.	Prediction of liver Disease using Regression Tree	IJOE-International Journal on Bio-Medical and Engineering, Volume -17, Issue2, 2021. (Scopus Indexed)	ISSN 2626-8493
4.	Imputation as a Technique for Enhancing the Quality of Medical Data,	International Journal of Current Research Review , Volume-17, Issue-2, 2021 (Scopus Indexed)	ISSN 2231-2196 ISBN0975-5241
5.	EANNMHO - A Novel Ensemble based Technique for Detection of Liver Cirrhosis	International Journal of Online and Biomedical Engineering, Volume-14, Issue-4, 2021 (Scopus Indexed)	ISSN 2626-8493
6.	Applying Ensemble Techniques for the Prediction of Alcoholic Liver Cirrhosis	Data Science and Security. Lecture Notes in Networks and Systems, vol 462. SPRINGER, Singapore 2022. (Springer Nature)	ISSN 2231-2196 ISBN 0975-5241
7.	EPCA—Enhanced Principal Component Analysis for Medical Data Dimensionality Reduction	SN Computer Science, March 2023, (Springer Nature)	ISSN 2626-8493
8.	Real Time Unusual Event Detection for Enhancing the ATM security using Arduino	International Journal of Innovative Research in Computer and Communication Engineering	EISSN: 2320-9801

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.	Member of BOS
2.	Member of BOE
3.	NAAC coordinator
4.	Faculty Advisor
5.	Faculty Mentor
6.	Member , Women Proctor System

3. **Details of Teaching Related Activities**

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	2023-24	B.E	1. Mobile Computing Applications 2. Operating Systems 3.Digital Systems design Lab 4.Java Programming Lab 5.Main Project Phase-1
1	2022-23	B.E	1.Digital System Design 2.User Interface Design 3. Operating Systems 4. Software Testing 5. Digital Systems Design Lab 6. Microprocessor Lab 7.Main Project Phase-1 and Phase-2
2	2021-22	B.E	1.Digital System Design 2.User Interface Design 3. Operating Systems 4. Software Testing 5. Digital Systems Design Lab 6. Microprocessor Lab 7.Main Project Phase-1 and Phase-2
3	2020-2021	B.E	1.Digital System Design 2.User Interface Design 3. Operating Systems 4. Software Testing 5. Digital Systems Design Lab 6. Microprocessor Lab 7.Main Project Work

4	2019-2020	B.E	<ol style="list-style-type: none"> <li>1. Machine Learning</li> <li>2. Algorithms Laboratory</li> <li>3. Data Warehousing and Mining</li> <li>4. Internship</li> <li>5. Digital Systems Design Lab</li> <li>6. Digital Systems Design</li> </ol>
5	2018-19	B.E	<ol style="list-style-type: none"> <li>1. Data Warehousing ,</li> <li>2. Soft Computing</li> <li>3. Operating Systems</li> <li>4. Microprocessor Laboratory</li> <li>5. Digital Systems Design Laboratory</li> <li>6. Digital Systems Design</li> </ol>

<b>Professional Development Activities</b>		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	<b>ISTE</b> <b>IEEE</b> <b>CSI</b>
	Participation in subject associations, conferences, seminars without paper presentation	ICTIIE-2015, BMSCE, Bengaluru,
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	Nil
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	Nil
<b><u>PART-C</u></b>	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	Nil
	Invited Expert Talks	Nil

### **RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**

#### **1. Published Papers in Journals**

<b>Sl. No.</b>	<b>Title</b>	<b>Journal with Vol. Year &amp; Page No.</b>	<b>ISSN / ISBN No.</b>	<b>Whether peer reviewed. Impact factor, if any</b>	<b>No. of Co-authors</b>	<b>Whether you are the main author or Guide / mentor</b>
1	Applications of Data Mining and Soft Computing Techniques for Intelligent Medical Data Analysis	IJTRD, Volume 3(6) Issue 4, June 2015.	ISSN 2394-9333	yes	1	yes
2	Alumni Mentoring Programme	Journal of Engineering Education Transformations, Volume-	ISSN 2349-2473, ISBN2394-1707	yes	2	no

		31, Issue-3, January 2018				
3	Prediction of liver Disease using Regression Tree	International Journal on Bio-Medical and Engineering - IJOE, Volume - 17, Issue2, 2021.	ISSN 2626-8493	yes	1	yes
4	Imputation as a Technique for Enhancing the Quality of Medical Data	International Journal of Current Research Review , Volume-17, Issue-2, 2021	ISSN 2231-2196 ISBN0975-5241	yes	1	yes
5	EANNMHO - A Novel Ensemble based Technique for Detection of Liver Cirrhosis	International Journal of Online and Biomedical Engineering, Volume-14, Issue-4, 2021	ISSN 2626-8493	yes	1	yes
6	Applying Ensemble Techniques for the Prediction of Alcoholic Liver Cirrhosis	Data Science and Security. Lecture Notes in Networks and Systems, vol 462. SPRINGER, Singapore 2022	ISSN 2231-2196 ISBN 0975-5241	yes	3	yes
7	EPCA—Enhanced Principal Component Analysis for Medical Data Dimensionality Reduction	SN Computer Science, March 2023	ISSN 2626-8493	yes	3	yes
8	Real Time Unusual Event Detection for Enhancing the ATM security using Arduino	International Research Journal of Modernization in Engineering Technology June, 2022	EISSN 2320-9801	yes	4	No

**2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes IS IT CONDUCTED OR ATTENDED**

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	Introduction to Operating Systems	8 Weeks	NPTEL (IIT, Madras)
2.	Online Teaching	12 Weeks	IUCEE
3.	Six Sigma Green Belt and Design of Experiments	Two weeks	JSS Academy of Technical Education , Bengaluru
4.	Real World DSP	Two weeks	CBIT, Gubbi
5.	Effective Teaching of a Technical Course	One Week	TEQIP-II Malnad College of Engineering. Hassan
6.	Formulation , Modeling and Practical Applications of Operations Research ( FMPAOR-2015)	Two weeks	Malnad College of Engineering. Hassan
7.	End to End Innovation	Two weeks	IIT-Bombay
8.	Emerging Trends in Knowledge Discovery and Data Analytics	One Week	Govt. of Karnataka – AIT, Chikaamagalur5
9.	Recent Advances in Machine Learning	One Week	CSI-Mysore , GSSS -Mysore
10.	Gaining Insight into Data Science and Data Analytics	Two Weeks	AICTE-Malnad College of Engineering , Hassan
11.	Green , Smart , 5G Technologies	Two Weeks	AICTE-Malnad College of Engineering , Hassan
12.	Deep Learning and its Applications	One Week	IEE-NBA-KIT, Tiptur
13.	Outcome Based Education (OBE)	One Week	RRCE- Bengaluru
14.	Computer Science and Biology	One Week	AICTE, ATAL, New Delhi
15.	Recent Trends in IoT's and Cloud Computing	One Week	AICTE, ATAL, New Delhi
16.	Cyber Security and Forensics	One Week	ISTE- KIT, Tiptur
17.	Deep Learning and its Application	One Week	IEEE- KIT, Tiptur
18.	Block Chain	One Week	AICTE, ATAL, New Delhi

### 3. Papers presented in Conferences, Seminars, Workshops, Symposia

Sl. No.	Title	Title of Conference/Seminar etc.	Dates of the Event	Organized by	Whether International/National/State/Regional/University/College Level
1	Applying Ensemble Techniques for the Prediction of Alcoholic Liver Cirrhosis	3 <sup>rd</sup> International Conference on Data Science , Computation and Security	11 <sup>th</sup> – 12 <sup>th</sup> February, 2022	Department of Data Science, CHRIST (Deemed to be University, PUNE , Lavas Campus	<b>International</b>

**Note: Do not leave any blank rows and columns. Add/Delete rows/columns appropriately.**