



# 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(in Block Letters)	Mrs. MADHUSHREE C
2.	Qualification	B.E, MTech., (PhD).,
3.	Date of joining the service at MCE	30.08.2023
4.	Department	CIVIL ENGINEERING
5.	Current Designation & Experience in MCE	Assistant Professor 1 Year
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	9.0 Years (UG)
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	a) 2.5 years b) 2.5 years c) NIL d) i) 3 ii) 1 ii) 2 e) International Conference: 3; Workshop: 15; Seminar: 15
8.	Awards /Prizes/ Honor's / Recognitions	a) Certificate of Appreciation, in the recognition of service and support for Training programme on Water Resources & Management , conducted for employees of Corporate – Technology and Engineering Academy, Larsen & Toubro, Mysuru
9.	Fields of Specialization under the Subject / Discipline	Water Resources, Hydrology
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	Certificate of Participation in the SEAN-DEE Lab within South- East Asean Network for Disaster and Environmental Engineering project, sponsored by the German Academic Exchange

		service DAAD, at the University of Kassel and included 50 hours of lecture and cultural programme
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## **PART-B**

### **1. List of Publications:**

<b>Sl. No.</b>	<b>Title</b>	<b>Name of the Journal, Vol. No., Year</b>	<b>ISSN/ISBN/Number</b>
<b>1.</b>	Analysis of Distribution of Rainfall in Western Ghats of India – A Case Study	International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 6   JUN -2018	e-ISSN: 2349-3585
<b>2.</b>	Assessment of the Rainfall Trend and Drought Estimation for the Small Catchment of Karnataka-Hassan	International Journal of Innovative Research in Science, Engineering and Technology, Volume: 06 Issue: 6   JUN -2017	e-ISSN: 2319-8753
<b>3.</b>	Defluoridation of Ground Water Using Corn Cobs Powder	The International Journal of Engineering and Science (IJES), Volume: 06 Issue: 6   JUN -2017	e-ISSN: 2319 – 1813
<b>4.</b>	Indoor Thermal Efficiency Enhancement of a Building Through Agro Waste	Journal of Sustainable Construction Engineering and Project Management Volume: 04 Issue: 1   May 2021	
<b>5.</b>	Comparative Seismic Analysis of Regular and Irregular Multistorey Structures with and without Bracings and Shear wall	B S Shamana <i>et al</i> 2024 <i>IOP Conf. Ser.: Earth Environ. Sci.</i> 1387 012012	<b>DOI</b> 10.1088/1755-1315/1387/1/012012

### **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.)**

<b>Sl.No</b>	<b>Responsibilities</b>
1.	Hydraulic and hydraulics Machinery Laboratory In-charge , Club Convener for Soul Organization, NIRF Coordinator, Dean (Planning & Development) Coordinator, SustaiNest Coordinator, Social Media Coordinator, Training & Placement: Coordinator, Seminar Room Coordinators, Summer Internship Coordinator, Value Added Course Coordinator, Research, Incubation and Startup Coordinator
2.	Summer Internship - Coordinator
3.	SoUL organization - Convener
4.	Hydraulics & Hydraulic Machines – Laboratory Incharge
5.	CMTI MoU - Coordinator
6.	Training and Placement – Coordinator at Department Level

**3. Details of Teaching Related Activities**

<b>Sl. No.</b>	<b>Academic Year</b>	<b>(B. E/M.Tech)</b>	<b>Course Title</b>
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<b>01.</b>	<b>2023-24</b>	<b>B.E</b>	<b>Hydrology &amp; Irrigation Engineering</b>
<b>02.</b>	<b>2023-24</b>	<b>B.E</b>	<b>Smart Urban Infrastructure</b>
<b>03.</b>	<b>2023-24</b>	<b>B.E</b>	<b>CAD Laboratory</b>
<b>04.</b>	<b>2023-24</b>	<b>B.E</b>	<b>Fluid Mechanics and Hydraulic Machines</b>
<b>05.</b>	<b>2023-24</b>	<b>B.E</b>	<b>Water Resources Engineering</b>
<b>06.</b>	<b>2023-24</b>	<b>B.E</b>	<b>Social Connectivity and Responsibility</b>

**PART-C**

<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 :	LIFE MEMBER of ISTE  LIFE MEMBER of ACCE  LIFE MEMBER of IGS
	Participation in subject associations, conferences, seminars without paper presentation	2
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	2
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	-
	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	-
	Invited Expert Talks	3

**RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS****1. Published Papers in Journals**

Sl. No.	Title	Journal with Vol. Year & Page No.	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-authors	Whether you are the main author or Guide / mentor
1	Analysis of Distribution of Rainfall in Western Ghats of India – A Case Study	International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 6   JUN -2018	e-ISSN: 2349-3585		2	Main Author/Guide
2	Assessment of	International	e-ISSN: 2319-		4	Main

	the Rainfall Trend and Drought Estimation for the Small Catchment of Karnataka-Hassan	Journal of Innovative Research in Science, Engineering and Technology, Volume: 06 Issue: 6   JUN -2017	8753			Author/Guide
3	Defluoridation of Ground Water Using Corn Cobs Powder	The International Journal of Engineering and Science (IJES), Volume: 06 Issue: 6   JUN -2017	e-ISSN: 2319 – 1813		3	Co Author
4	Indoor Thermal Efficiency Enhancement of a Building Through Agro Waste	Journal of Sustainable Construction Engineering and Project Management Volume: 04 Issue: 1   May 2021			2	Co Author

**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.	Design of Masonry Structures	17 <sup>th</sup> Aug 2013	NIE TEQIP
2.	Finite Element Analysis of Masonry Structures	24 <sup>th</sup> Aug 2013	NIE TEQIP
3.	PROTECT- 2013	26 <sup>th</sup> -27 <sup>th</sup> , Aug 2013	Building Fire Research, NIE

			University of British Columbia, Canada
4.	Safety of Structures	10 <sup>th</sup> May 2014	NIE TEQIP
5.	Waterproofing of Concrete Structures	26 <sup>th</sup> Feb 2014	NIE TEQIP
6.	Research Opportunities in Field Hydrology	20 <sup>th</sup> – 22 <sup>nd</sup> Jan 2016	NIE
7.	Advances in Field Hydrological Research	27 <sup>th</sup> & 28 <sup>th</sup> Feb 2016	NIE
8.	Field Astronomy in Advanced Surveying	12 <sup>th</sup> May 2017	RIT
9.	Google Apps		AJIET
10.	Renewable Energy	29 <sup>th</sup> Sept 2017	AJIET Kumamoto University Japan
11.	Building- Buildings	27 <sup>th</sup> Sept 2017	ACCE (Mangalore Chapter)
12.	Marvellous structure and opportunities in Civil Engineering	27 <sup>th</sup> Sept 2017	AJIET
13.	Sustainable development of Smart cities	Jan 3 <sup>rd</sup> & 4 <sup>th</sup> 2018	MITE
14.	Applications of Remote Sensing & GIS in Civil Engineering	May 3 <sup>rd</sup> & 4 <sup>th</sup> 2018	AJIET

### 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/ Level
1	Analysis On Partial Substitution Of Cement	International Conference on Recent Trends in Science &	8 <sup>th</sup> & 9 <sup>th</sup> July 2021	ATME College of Engineering, Mysuru	International

	By Mixing NaOH, Na <sub>2</sub> SiO <sub>3</sub> & Fly Ash In Concrete	Technology ICRTST - 2021			
2	Experimental Analysis of Bio-Medical Blocks	International Conference on Recent Trends in Science & Technology ICRTST - 2021	8 <sup>th</sup> & 9 <sup>th</sup> July 2021	ATME College of Engineering, Mysuru	International
3	Stability Analysis of Bitumen Partially Replaced with Sugar Molasses	International Conference on Recent Trends in Science & Technology ICRTST - 2021	8 <sup>th</sup> & 9 <sup>th</sup> July 2021	ATME College of Engineering, Mysuru	International

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