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)	**SIRI HEMANTH**
2.	Qualification	**B.E M.Tech.,**
3.	Date of joining the service at MCE	**25.08.2021**
4.	Department	**Civil Engineering**
5.	Current Designation & Experience in MCE	**Assistant Professor** **63 months**
6.	**Teaching Experience:** P.G. (in Years) : U.G. (in Years) :	**5.3 years**
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** **05** **02** **01** **01** **02** **01**
8.	**Awards /Prizes/ Honor's / Recognitions**	
9.	**Fields of Specialization under the Subject / Discipline**	**Structural Engineering** **Geotechnical Engineering** **Advanced Foundation Design** **Concrete Technology** **Concreting Design and Placements**
10.	**Orientation/Refresher Course/Summer School / Winter School/Workshops attended:**	**3**

.PART-B

1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	Investigating the Practicality of Incorporating Waste Expanded Polystyrene Beads and Rice Husk in Lightweight Concrete Blends	Recent Advances in Infrastructure Development and Management—Volume 2	978-981-96-1557-5
2.	Experimental Investigation of Structural and Flexural Performance in Concrete Beams Reinforced with Steel Truss System	Structural Engineering Innovations for Resilient Infrastructur- Volume 849,Pg-229 https://doi.org/10.1007/978-981-95-9000-1	ISBN 978-981-95-8999-9
3.	Corrosion in Steel Structures: A Review	Journal of Mines, Metals and Fuels, 73(1): 0-0; 2025. DOI: 10.18311/jmmf/2025/46985	Print ISSN : 0022-2755

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.	Minor degree Coordinator
2.	Seminar Coordinator
3.	Civil Engineering Association Convener
4.	Women Empowerment Cell Member
5.	Design Thinking Lab Committee Member
6.	Eco Club Convener

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	**2020-21**	**B.E**	**Construction planning and Management** **Building Materials and Construction** **Waste Water Engineering** **Environmental Engineering** **Concrete and Material Testing Laboratory**

2	**2021-22**	**B.E**	**Strength of Materials** **Engineering Mechanics** **Concrete Technology** **Basic Material Testing Laboratory** **CAD Laboratory Design thinking Lab** **Innovation Design thinking Lab**
3	**2022-23**	**B.E**	**Advanced Foundation Design** **Strength of materials** **Innovation Design thinking Lab** **Basic Material Testing Laboratory** **CAD Laboratory Design thinking Lab** **Concrete and Highway Material testing Lab**
4	**2023-24**	**B.E**	**Advanced Foundation Design** **Strength of materials** **Innovation Design thinking Lab** **Basic Material Testing Laboratory** **Programming in Civil Engineering** **Components of a Smart City** **Seminar** **Concrete Technology**

5	**2024-25**	**B.E**	**Strength of materials** **Innovation Design thinking Lab** **Basic Material Testing Laboratory** **Programming in Civil Engineering** **Technical Seminar** **Introduction to Civil Engineering** **Waste Management** **Concreting Techniques and Practices**
6	**2025-26**	**B.E**	**Strength of materials** **Technical Seminar** **Prestressed Concrete Structures** **Introduction to Civil Engineering** **Fluid Mechanics and Hydraulics** **Laboratory** **Concrete Design and Placements** **Interdisciplinary Project-Based Learning**

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International : b) At national level: c) At state :	Association of Consulting Civil Engineers
	Participation in subject associations, conferences, seminars without paper presentation	1. Nain-2.0 Product Presentation in IIIT, Bangalore on 2/4/2026 2. Srujana-2026 presenting Concrete Canoe in Project Exhibition
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	Self Sustainable Buildings 2nd Series of Advancements in Concrete Technology(AICT-2023) GIS for Smart City
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	

PART- **C**

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.	"Investigating the practicality of incorporating waste expanded polystyrene beads	Recent Advances in Infrastructure Development and Management volume -566 pg 1-5	• Print ISBN978-981-96-1557-5 • Online ISBN978-981-96-1558-2	Q3	3	Guide

	and rice husk in lightweigh t concrete blends”					

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

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	Outcome Based Education	5 days	Malnad College of Engineering(Conducted)
2.	AICTE Idea Lab	5 days	Malnad College of Engineering(Attended)
3.	Air, Water Pollution and Health	5 days	Malnad College of Engineering(Attended)
4.	Module-1	12 weeks	NITTT, Chennai
5.	Module-2	12 weeks	NITTT, Chennai
6.	Module-3	12 weeks	NITTT, Chennai
7.	Module-4	12 weeks	NITTT, Chennai
8.	Module-5	12 weeks	NITTT, Chennai
9.	Module-6	12 weeks	NITTT, Chennai
10.	Module-7	12 weeks	NITTT, Chennai
11.	Module-8	12 weeks	NITTT, Chennai
12.	NPTEL MOOC Course-Concrete Technology	12	IIT, Madras
13.	Mix Design for Field Works	3 days	VVCE, Mysore
14.	NAIN Product showcasing Event	1 day	IITB, Banglore
15.	Srujana -2026 Event	1 day	JSS Academy of Higher Education & Research

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	ADVANCING SUSTAINABILITY IN CONCRETE USING DISCARDED CERAMICS AND RESIDUAL	CIVIL ENGINEERING TRENDS AND CHALLENGES FOR SUSTAINABILITY (CTCS 2023)	19TH AND 20TH DECEMBER 2023.	NITTE,Karkala	**International**

	GRANITE DUST AS PARTIAL AGGREGATES REPLACEMENT				
2	Investigating the practicality of incorporating waste expanded polystyrene beads and rice husk in lightweight concrete blends"	Modern Trends in Civil Engineering Infrastructure Development and Management (MTCEIDM) 2023	8th to 10th December, 2023	BMS College of Engineering, Bengaluru	**International**
3	Experimental Investigation of Structural and Flexural Performance in Concrete Beams Reinforced with Steel Truss System	Sustainable Infracture Innovations ,Opportunities and Challenges(SIIOC-2024)	30th April &May 1st 2024	NITTE,Banglore	**International**

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