



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 BlockLetters)	CHANDINI M S
2.	Qualification	B.E, M. tech
3.	Date of joining the service at MCE	25-06-2021
4.	Department	Department of Civil engineering
5.	Current Designation & Experience in MCE	Assistant Professor & 5 years 3months
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	2 5
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	- - - 3 3 1 1 1
8.	Awards /Prizes/ Honor's / Recognitions	-
9.	Fields of Specialization under the Subject / Discipline	Computer Aided Design of Structures
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.	A Review on Corrosion and Corrosion Inhibitors in various forms of Steel Components	International Journal of Creative Research Thoughts (IJCRT), Volume 10, Issue 2, February 2022	ISSN: 2320-2882
2.	An overview and ground breaking analysis of RC frame building with various bracings	Gradiva Review Journal, Volume 8, Issue 12, December 2022	ISSN NO : 0363-8057
3.	Progressive collapse of regular RC structure considering flexibility of slabs under gravity and wind loads	IOP Conference Series: Earth and Environmental Science, Volume 1387, August 2024	10.1088/1755-1315/1387/1/012011
4.	"The Comprehensive Study on the Influence of Chicken Mesh on the Properties of Concrete"	<i>International Journal of Environmental Sciences</i> , Vol. 11, No. 17s, 2025	ISSN: 2229-7359
5.	"Eco-Friendly Pavement Solutions: Performance and Thermal Study of Steel Slag Waste Modified Asphalt Mixes"	<i>Metallurgical and Materials Engineering</i> , Vol. 31, No. 4, 2025	ISSN (Online) 2812-9105
6.	Testing the Appropriateness of Lumped Hydrological Model in Groundwater Recharge Estimation for a Small Catchment in Karnataka, India",	<i>International Journal of Environmental Sciences</i> , Vol. 11, No. 3s (Special Issue on The Economics of Climate Change and Sustainability),	ISSN: 2229-7359.
7.	"Corrosion in Steel Structures: A Review"	Journal of Mines, Metals and Fuels, 73(1): 189-198; 2025.	DOI: 10.18311/jmmf/2025/46985

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.	Seminar coordinator (UG)
2.	Newsletter & Dept. Magazine coordinators
3.	SustaiNest Coordinator
4.	ISTE Student Chapter Coordinator
5.	Minor degree coordinator
6.	Faculty advisor for BIS student club
7.	BoE member
8.	BoS member
9.	Consultancy

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M. Tech)	Course Title
1	2021-22	B.E	Composite and Smart materials Engineering Mechanics Basic Material Testing Laboratory Concrete & Highway Material Testing Laboratory CAD Laboratory Design thinking Lab Innovation Design thinking Lab
2	2022-23	B.E	Pre-stressed Concrete Structures Composite and Smart materials Introduction to Civil engineering Innovation Design thinking Lab Basic Material Testing Laboratory CAD Laboratory Design thinking Lab Concrete and Highway Material testing Lab
3	2023-24	B.E	Pre-stressed Concrete Structures Composite and Smart materials(PE) Basic Material Testing Laboratory Programming in CAD Laboratory Construction Planning & Management Composite and Smart materials(OE) Construction equipment's, Plants & Machinery
4	2024-25	B.E, M. Tech	Construction Planning & Management Composites and Smart materials (OE) Artificial Intelligence and Applications in Civil Engineering Technical Seminar Design of Steel Structures Software Application Lab Computational Lab
5	2025-26	B.E, M. Tech	Composites and Smart materials (OE) Structural Dynamics and Earthquake Resistant Design of Structures Design and Detailing of RC Structures

PART-C

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	- - -
	Participation in subject associations, conferences, seminars without paper presentation	1
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	-
	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	-

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	A Review on Corrosion and Corrosion Inhibitors in various forms of Steel Components	International Journal of Creative Research Thoughts (IJCRT), Volume 10, Issue 2, February 2022	ISSN: 2320-2882	Peer reviewed. 7.97	2	mentor
2	An overview and ground breaking analysis of	Gradiva Review Journal, Volume 8,	ISSN NO : 0363-8057	Peer reviewed. 6.1	3	mentor

	RC frame building with various bracings	Issue 12, December 2022				
3	Progressive collapse of regular RC structure considering flexibility of slabs under gravity and wind loads	IOP Conference Series: Earth and Environmental Science, Volume 1387, August 2024	10.1088/1755-1315/1387/1/012011	Peer reviewed.	2	Main author
4.	“The Comprehensive Study on the Influence of Chicken Mesh on the Properties of Concrete”	<i>International Journal of Environmental Sciences</i> , Vol. 11, No. 17s, 2025	ISSN: 2229-7359	Peer reviewed.	5	Main author
5	“Eco-Friendly Pavement Solutions: Performance and Thermal Study of Steel Slag Waste Modified Asphalt Mixes”	<i>Metallurgical and Materials Engineering</i> , Vol. 31, No. 4, 2025	ISSN (Online) 2812-9105	Peer reviewed.	5	mentor
6	Testing the Appropriateness of Lumped Hydrological Model in Groundwater Recharge Estimation for a Small Catchment in Karnataka, India",	<i>International Journal of Environmental Sciences</i> , Vol. 11, No. 3s (Special Issue on The Economics of Climate Change and Sustainability),	ISSN: 2229-7359.	Peer reviewed.	5	mentor

7	"Corrosion in Steel Structures: A Review"	Journal of Mines, Metals and Fuels, 73(1): 189-198; 2025.	DOI: 10.18311/jmmf/2025/46985	Peer reviewed.	5	mentor
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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 (days)	Organized By
1.	Advancements in Structural Engineering	3	ASCE, India section
2.	Introduction to the Culture of Innovation	2	MCE, Hassan
3.	Session on 'Structural Design software'	1	MCE, Hassan
4.	Failure of Shoring & Soil Retention Systems	1	Structural Engineering Forum of India
5.	RCC Detailing & Modelling Aspects in Earthquake Engineering	1	MCE, Hassan
6.	Self Sustainable Buildings	5	Presidency University, Bengaluru
7.	Outcome Based Education (OBE)	5	MCE, Hassan
8.	Geospatial Analytics	5	JSS Academy of Technical Education, Bengaluru
9.	Designing Course Outcomes and Outcomes - focused questions	1	InPods Ed- tech
10.	Income Tax E - Filing	2	-

11.	Smart Materials & Systems	5	VTU, Centre for PGStudies, VIAT, Muddenahalli, Chikkaballapur
12.	National Initiative for Technical Teachers Training	12 weeks	NITTR
13.	FDP on Air, Water Pollution and Health	5	National Institute of Technical Teachers' Training and Research(NITTTR), Kolkata
14.	Webinar on “Delay Analysis in Construction”	1	CMTI
15.	Webinar on “Metro Construction”	1	CMTI
16.	FDP on ‘Sustainable Construction Materials, Practices & technologies’	5	Sir. M. Visvesvaraya Institute of Technology
17.	Workshop on ‘Water Resources Management & Fluvial Hydraulics in Mountain Streams’	5	Dr. B R Ambedkar National Institute of Technology, Jalandhar, Punjab-144008
18.	‘Recent Advances & Research scope in Geotechnical Engineering’	5	Civil engineering department of Jorhat Engineering College, Jorhat
19.	Geo – Informatics in Disaster Management	5	Civil engineering department of Jorhat Engineering College. Jorhat
20.	Recent Advances in Structural Engineering and Material Science (RASEMS)	5	Civil engineering department of Jorhat Engineering College. Jorhat
21	Role of Artificial Intelligence & Automation in Civil Engineering	1 week	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune -18
22	Automation in Civil Engineering	6	PACE INSTITUTE OF TECHNOLOGY AND SCIENCES, (ATAL)
23	Advances in New age alloys and Composite with the advent of AI/ML and 3D printing	3	Bearys Institute of Technology, Mangalore
24	Emerging Innovation for Sustainable Engineering: Research Gaps And Future Directions	1 week	Assam Downtown University, Guwahati
25	Emerging Technologies and Sustainable practices in Civil Engineering(ETSPCE-26)	5	Vidya Jyothi Institute of Technology, Hyderabad