



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	DAKSHAYINI R S
2.	Qualification	BE, M Tech
3.	Date of joining the service at MCE	07/04/2003
4.	Department	CIVIL ENGINEERING
5.	Current Designation & Experience in MCE	Assistant Professor, 20 years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	20 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 - 3 ii. National Journals -4 iii. Conference Proceedings e) Total No. of Conferences/Seminar/Workshop Attended- i. International ii. National-1 iii. State Level - 57	
8.	Awards /Prizes/ Honor's / Recognitions	--
9.	Fields of Specialization under the Subject / Discipline	Structural Engineering
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.	Effect of Partial Replacement of Construction Industry Waste Materials in Concrete	IRJET,Nov 2020 Volume 7,Issue11	e-ISSN: 2395-0056 p-ISSN: 2395-0072
2.	Experimental Study on the Durability of Polyester Resin Concrete	Journal of Ceramics and Concrete Technology Feb 2021 Volume 6,Issue 1, Online	ISSN: 2457-0826
3.	Study on the mechanical properties of Fibre Reinforced Concrete made of Polypropylene Fibre and Steel Industrial Waste	IRJET,June 2021 Volume 8,Issue 6	e-ISSN: 2395-0056 p-ISSN: 2395-0072
4.	Evaluation of concrete with Iron Ore Waste as replacement for Fine aggregate	GRADIVA REVIEW JOURNAL, UGC care August 2021 Volume 7,Issue 8	ISSN NO : 0363-8057
5.	INCORPORATION OF STEEL INDUSTRY WASTE MATERIAL IN MORTAR	GIS SCIENCE JOURNAL VOLUME 9, ISSUE 11, 2022 P NO: 702- 707	ISSN NO : 1869-9391
6.	Fibre Reinforced Mortar	YMER Q3 journal VOLUME 21 : ISSUE 11 (Nov) – 2022 PNo:3110-3114	ISSN : 0044-0477
7.	Experimental study on Mechanical Properties of M30 Grade Concrete Using S-sand	Journal of Tianjin University Science and Technology Epublications: Online Open Access Vol 5, ISSUE 02: 2023:DOI:10.17605/OSF.IO.KGEQ2 Feb 2023/ P NO: 48- 52	ISSN(online) : 0493-2137

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.	<u>BOS member</u> in the Department
2.	BOE member in the Department

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	2023	BE	Design and Detailing of Steel and RC structures
2	2023	BE	Design of Steel Structures
3	2023	BE	Basic Structural Analysis

4	2023	BE	Advanced Structural Analysis
5	2023	BE	Project Work
6	2023	BE	Mini Project Work
7	2023	M Tech	Project Work

PART-C

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: ISTE c) At state :	
	Participation in subject associations, conferences, seminars without paper presentation	--
	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	Effect of Partial Replacement of Construction Industry Waste Materials in Concrete	IRJET, Nov 2020 Volume 7, Issue 11	e-ISSN: 2395-0056 p-ISSN: 2395-0072	--	2	Main
2	Experimental Study on the Durability of Polyester Resin Concrete	Journal of Ceramics and Concrete Technology Feb 2021 Volume 6, Issue 1, Online	ISSN: 2457-0826	--	2	mentor

3	Study on the mechanical properties of Fibre Reinforced Concrete made of Polypropylene Fibre and Steel Industrial Waste	IRJET, June 2021 Volume 8, Issue 6	e-ISSN: 2395-0056 p-ISSN: 2395-0072	--	4	Guide
4	Evaluation of concrete with Iron Ore Waste as replacement for Fine aggregate	GRADIVA REVIEW JOURNAL, UGC care August 2021 Volume 7, Issue 8	ISSN NO : 0363-8057	--	3	Main
5	INCORPORATION OF STEEL INDUSTRY WASTE MATERIAL IN MORTAR	GIS SCIENCE JOURNAL VOLUME 9, ISSUE 11, 2022 P NO: 702- 707	ISSN NO : 1869-9391	--	1	Main
6	Fibre Reinforced Mortar	YMER Q3 journal VOLUME 21 : ISSUE 11 (Nov) – 2022 PNo:3110-3114	ISSN : 0044- 0477	--	1	Main
7	Experimental study on Mechanical Properties of M30 Grade Concrete Using S-sand	Journal of Tianjin University Science and Technology Epublications: Online Open Access Vol 5, ISSUE 02: 2023:DOI:10.17605/OSF.IO.KGEQ2 Feb 2023/ P NO: 48- 52	ISSN(online) : 0493-2137	--	1	Main

2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	FEEL TEACHER	1 week	MCE Hassan
2.	Application of Geographical Information System and Remote Sensing	2 days	MCE Hassan
3.	Capacity Building of Engineers in Earthquake Risk Management in RCC and Masonry Constructions	1 week	The Ministry of Home Affairs New Delhi
4.	Wastewater Treatment Technologies	3 days	NIE Mysore, McMaster University, Hamilton CANADA
5.	Computational Fluid Mechanics	2 weeks	IIT Bombay, Amritha School of Engineering Bangalore
6.	Introduction to Research Methodologies	2 weeks	IIT Bombay, MIT Manipal
7.	Emerging Trends in Construction Technology and Housing for All	2 days	Building Association of India,Mysore
8.	Yogasana Pranayama Camp	5 days	MCE Hassan
9.	AI and its Applications for Expert Systems in Structural Engineering	3 days	MCE Hassan
10.	Teaching Effectiveness	2 days	MCE Hassan
11.	Recent Developments in Civil Engineering and Future Challenges-2013	1 day	MCE Hassan
12.	Recent Trends in Renewable Energy Sources and Emerging Technologies	2 weeks	BVVS Polytechnic Bagalkot- 587101
13.	Deriving Program Educational Objectives / Program Outcomes /	3 days	MCE Hassan

	Course Outcomes / Assessments for NBA Self Assessment Report		
14.	Advanced Surveying by using Total Station	1 week	PES College of Engineering Mandya
15.	Analytical and Computational Solid Mechanics	1 week	Nitte Meenakshi Institute of Technology Yelahanka
16.	Empowering Teachers	2 days	MCE Hassan
17.	Advanced Surveying and Mapping by using Total Station and GPS	1 week	MCE Hassan
18.	Analytical and Numerical Techniques in Applied Mathematics and Engineering	1 week	MCE Hassan
19.	Recent Advances in Traffic Engineering and Transportation Planning	1 week	MCE Hassan
20.	Principles of Earthquake Resistant Design of Structures	1 day	MCE Hassan
21.	Analysis and Design of High Rise Structures	2 weeks	Mahathma Gandhi Institute of Technology, Hyderabad, Telangana
22.	Formulation, Modeling and Practical Applications of Operations Research	2 weeks	MCE Hassan
23.	Introduction to Structural Engineering	2 weeks	MHRD New Delhi, MIT Mysore
24.	Nanomaterials and Nanocomposites	1 week	MSRIT Bangalore
25.	Research Methodology	1 week	National Institute of Technical Teachers Training and Research Chandigarh, GCE Hassan
26.	Innovative Teaching Methodologies	3 days	IIT Bombay
27.	Advanced Design of Steel Structures	1 day	Bangalore Institute of Technology V V Puram Bangalore

28.	Recent Developments of Self Compacting Concrete	2 days	MCE Hassan
29.	Challenges in Non-conventional Energy Sources	1 week	MCE Hassan
30.	Total Quality Management	1 week	MCE Hassan
31.	Advanced Mathematical Tools in Engineering Applications	1 week	MCE Hassan
32.	Recent Developments in Solar and Wind Energy System for On/Off Grid Applications	1 week	MCE Hassan
33.	Training the Proctors for Effective Counselling	1 day	MCE Hassan
34.	Feel Teacher-Developing, Counselling, Mentoring	1 day	CLHRD Mangalore
35.	Recent Developments in Renewable Energy Sources and Conversion Systems for On/Off Grid Applications	1 week	MCE Hassan
36.	Light Weight Structures for Engineering Applications through Composites and Topology Optimization	2 weeks	GEC, Hassan GEC, Mosalehosahalli
37.	Achieving Sustainable Concrete through use of mineral Admixtures	1 day	Indian Concrete Institute Bangalore
38.	Special Concrete for Special Structures	1 day	Indian Concrete Institute Bangalore
39.	Digital Teaching Techniques	1 week	ICT Academy
40.	Research Advances in Civil Engineering	5 days	Jyothy Institute of Technology Bengaluru 560082
41.	Vedic Mathematics	2 days	Bahubali College of Engineering Shraanabelagula
42.	Causes and prevention of Structural Failures	1 day	UVCE Bangalore University
43.	Longevity of Steel and RCC structures against Fire and Corrosion	3 days	CSIR Chennai
44.	Technical Education for Rural Development	1 week	GEC Hassan

45.	Structural Dynamics and Earthquake Resistant Design of Structures	1 week	MCE Hassan
46.	Academic and Research writing	5 days	ATME College of Engineering Mysuru
47.	Advancements in Structural Engineering	3 days	ASCE & MCE Hassan
48.	Facilitating Digital Information in Design, Construction and Management Process of Civil Engineering	10 days	NIT Warangal & Ministry of Govt. of India
49.	Design & Construction of Steel Structures	5 days	Vivekananda Institute of Technology, Bengaluru
50.	Hydro-Geological Engineering	1 week	JNN Coleege of Engineering, Shivamogga & KSTA
51.	Latest Advancements in Geoenvironmental-Structural Confluence	2 days	MCE Hassan
52.	Advanced Tools & Techniques for best Research	5 days	R V Institute of Technology & Management, Bengaluru
53.	Online Teaching Platform and Tools (Technology Management in Education)	21 days	SCROLLWELL
54.	Programming in PYTHON	1 day	MCE Hassan
55.	GIS for Smart City	5 days	Presidency University Bengaluru & KSTA
56.	Applications of Artificial Intelligence and Machine Learning	6 days	ACE Engg Hyderabad
57.	Two weeks of Industrial Training	2 weeks	RTTC Mysore
58.	Two weeks of Industrial Training	2 weeks	GTTC Mysore

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	--	--	--	--	--