Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi

Faculty Bio-data

GENERALINFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name(in Block Letters)	**LAVANYA H D**
2.	Qualification	**B.E, M.Tech.,**
3.	Date of joining the service at MCE	**23.12.2020**
4.	Department	**Civil Engineering**
5.	Current Designation & Experience in MCE	**Assistant Professor 6** **6 years**
6.	**Teaching Experience:** P.G. (in Years) : U.G. (in Years) :	**-** **11 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	 **03** **-** **01** **05**
8.	**Awards /Prizes/ Honor's / Recognitions**	
9.	**Fields of Specialization under the Subject / Discipline**	**Environmental 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.	Evaluation of groundwater quality in Arsikere Taluk	Volume 7, June 2017	**2454-9533**
2.	Testing the Appropriateness of Lumped Hydrological Model in Groundwater Recharge Estimation for a Small Catchment in Karnataka, India	Volume 11, 2025	

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.	Second year Internship Coordinator, E Attestation officer
2.	Hydraulics and Hydraulic Machinery Lab Incharge
3.	BOS

4. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/ M.Tech)	Course Title
1	2020-21	B.E	Engineering Mechanics Fluid Mechanics Water supply Engineering Hydraulics and Hydraulic Machinery
3	2021-22	B.E	Engineering Mechanics Fundamentals of wastewater Engineering Hydrology and Water Resource Engineering Water supply Engineering
4	2022-23	B.E	Engineering Mechanics Hydrology and Water Resource Engineering Irrigation Engineering Introduction to Civil Engineering
5	2023-24	B.E	Introduction to Civil Engineering Environmental Engineering
6.	2024-2025	B.E	Environmental Engineering Introduction to Civil Engineering

			Waste Management
7.	2025-2026	B.E	Introduction to Civil Engineering Waste Management Introduction to AI and its use case for Civil engineering Hydrology and Water Resource Engineering Environmental Impact Assessment
8.	2026-2027	B.E	Introduction to AI and its use case for Civil engineering Watershed Management Environmental Impact Assessment

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	Evaluation of groundwater quality in Arsikere Taluk	Volume 7, June 2017	**2454-9533**	4.2	2	No
2.	Testing the Appropriateness of Lumped Hydrological Model in Groundwater Recharge Estimation for a Small Catchment in Karnataka, India	International Journal of Environmental Sciences, Vol 11 2025		**Q3**	**5**	**No**

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

Sl. No.	Name of Course/Summer/Winter School	Duration (days)	Organized By
1.	Geospatial Analytics	5	JSS Academy of Technical Education, Bangalore
2.	IUCEE	6 Months	International Engineering Educator Certificate Program
3.	Environmental Engineering and Sustainability- Research, Technologies and Challenges	5	Nitte Menakshi Institute of Technology
4.	Smart Materials and systems	5	VTU, Belagavi

5.	Recent advances in management and processing of Industrial and domestic waste	5	Siddaganga Institute of Technology, Tumkur
6.	Futuristic trends in Civil Engineering	5	Kongondu College of Engineering
7.	Self Sustainable buildings	5	Presidency University
8.	National Initiative for Technical Teachers Training	12 weeks	
9.	Cauvery Niraveri Nigama Limited, Hemavathi Sub Division, Gorur	15 days	
10.	Advanced materials and manufacturing technologies	**5 days**	MCE, Hassan
11.	AI Assisted academic research	**1 Day**	MCE, Hassan