

MalnadCollegeofEngineering,Hassan

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

Faculty Bio-data

GENERAL INFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name (in Block Letters)	AMRUTHA D S
2.	Qualification	MSC(Engg) BY Research, (PHD)
3.	Date of joining the service at MCE	21ST 2020 December
4.	Department	CIVIL ENGINEERING
5.	Current Designation & Experience in MCE	Assistant Professor, 3years 8months
6.	Teaching Experience: P.G.(inYears): U.G.(inYears):	Nil 12years
Research Experience(inYears)		
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 Publishedin i. InternationalJournals ii. NationalJournals iii. ConferenceProceedings e) Total No. of Conferences/Seminar/Workshop Attended i. International ii. National iii. StateLevel	PERSUING 3 - - -
8.	Awards/Prizes/Honor's/Recognitions	Faculty Advisor
9.	Fields of Specialization under the Subject/ Discipline	Environmental sustainability
10.	Orientation/Refresher Course/Summer School	Oriented many students towards advanced technology

	/Winter School/ Workshops attended:	
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PART-B

1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	BOD REMOVAL FROM MARIGOLD WASTE USING DIFFERENT ADSORBENTS	©2018IJCRT Volume 6, Issue 1 March2018 IJCRT1802548 International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org	ISSN:2320-2882 IJCRT1802548 I
2.	ADSORPTION STUDIES USING LATERITE MATERIAL TO REDUCE POLLUTION FROM MARIGOLD PROCESSING UNIT	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES &RESEARCH TECHNOLOGY	ISSN:2277-9655
3	MASONRY STRUCTURE BEHAVIOUR USING DIFFERENT TYPES OF MORTAR	TANZ (SCOPUS) VOL16 , 2021/NOV ISSUE02	(ISSN NO: 1869- 7720) ISSUE02

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.	Professional Bodies Coordinator
2.	NAAC (College level-Co- Coordinator)
3.	CIE Coordinator
4.	NBA Coordinator
5.	Internship Coordinator
6.	Environmental lab Coordinator
7.	Mini project (UG) Coordinator
8.	BOS member

9.	BOE member
10.	DAC member

3. Details of Teaching Related Activities (As a COORDINATOR)

Sl No	Workshop/Event	Date
1.	Three weeks internship on Civil Engineering physical model making	May - June 2023
1.	One Month Summer Internship II in collaboration-with CMTI	19.10.2023 to 03.11.2023
2.	Two day workshop on Career Guidance for competitive Exams	19.05.2023 to 20/05/2023
3.	Three day workshop on Career Guidance for competitive Exams	15/04/2024 to 17/04/2024
4.	One week FDP on “ New generation smart materials and composites for sustainable development”	07/06/2024 to 12/06/2024
5.	One day workshop on Outcome based Education	28/05/2024

Sl.No.	AcademicYear	(B.E/ M.Tech)	CourseTitle
1	2019-20	B.E	Strength of Materials WatersupplyEngineering
2	2020-21	B.E	EngineeringMechanics Industrialwastewatertreatment Water supply Engineering HydraulicsandhydraulicEngineering laboratory
3	2021-22	B.E	FluidMechanics EnvironmentalEngineeringlaboratory Industrialwastewatertreatment Water supply Engineering HydraulicsandhydraulicMachinerylaboratory
4	2022-23	B.E	FluidMechanics Constructionmaterialstestinglaboratory Waste water engineering Waste management Environmental studies Industrialwastewatertreatment FluidMechanicsandhydraulicsEngg HydraulicsandhydraulicEngineering laboratory
5	2023-24	B.E	Hazardous waste Engineering WatersupplyandtreatmentEngineering EnvironmentalEngineeringlaboratory
6	2023-2024	B.E	Fluid Mechanics and Hydraulics (Integrated) Water Resources Engineering Water supply Engineering Hazardous waste Engineering

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	BOD REMOVAL FROM MARIGOLD WASTE USING DIFFERENT ADSORBENTS	©2018 IJCRT Volume 6, Issue 1 March 2018 ISSN:	2320-2882	5.13	3	-
2	ADSORPTION STUDIES USING LATERITE MATERIAL TO REDUCE POLLUTION FROM MARIGOLD PROCESSING UNIT	ISSN: 2277-9655	ISSN: 2277-9655	4.116	2	-
3	MASONRY STRUCTURE BEHAVIOUR USING DIFFERENT TYPES OF MORTAR	TANZ (SCOPUS) VOL 16, 2021/NOV ISSUE 02	(ISSN NO: 1869-7720) ISSUE 02	-	4	-

List of Patents

Sl No	Patents	Date
1.	Published patent on ENHANCED SOIL COMPOSITES WITH OPTIMIZED NATURAL ADDITIVES FOR IMPROVED MECHANICAL PROPERTIES	April 2024
2.	Published patent on INTENSIFY CONCRETE COMPOSITES WITH OPTIMIZED COPPER SLAG FOR IMPROVED	July 2024

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.	Design of Bridges-Concepts & Applications	1	TEQIP II & Ramco Cements Ltd.
2.	Recent Advances in Civil Engineering	2	ACCE, Mysuru
3.	Information & Communication Technology (ICT) in Education	3	BCE, Shravanabelagola
4.	Advancements in Structural Engineering	3	ASCE, India section
5.	Introduction to the Culture of Innovation	2	MCE, Hassan
6.	Session on 'Structural Design software'	1	MCE, Hassan
7.	Futuristic trends in civil Engineering	5	Konganadu institute of technology
8.	RCC Detailing & Modelling Aspects in Earthquake Engineering	1	MCE, Hassan
9.	Self Sustainable Buildings	5	Presidency University, Bengaluru
10.	Outcome Based Education (OBE)	5	MCE, Hassan
11.	Geospatial Analytics	5	JSS Academy of Technical Education, Bengaluru
12.	IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM	24 weeks	SUCCESSFUL COMPLETION
13.	Application of data science and machine learning in research process	5	Nagarjunadegree college
14.	Smart Materials & Systems	5	VTU, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur

15.	Environmental Engineering and sustainability-research, technologies and challenges	5	Nitte Meenakshi Institute of Technology, Bengaluru and Prakruthi Institute of Environmental Studies, Bengaluru, under Skill Council for Green Jobs, Govt. of India.
16.	National Initiative for Technical Teachers Training	12 weeks	AICTE
17	SWAYAM-NPTEL- Hydraulic Engineering	June 10 th 2023 (12 weeks)	AICTE
18	One Week AICTE-VTU Joint Teachers Training Programme on “Smart Materials & Systems”	29th May to 02nd June 2023 (One week)	Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.
19	National Level Online Quiz- scored 60% marks “ Basics of Research	02/06/2023 (one day)	” Organised by Ashirvad Education Institute, Ahmadabad, Gujarat, India.