

## Section- I: Basic/General/Personal Information

01. Name : Mahantesh M. Hanamasagar  
02. Age (in years) : 58 Yrs  
03. Designation and Department : Associate Professor in Civil Engg Dept.



### 04. Education Qualification including Highest Degree

Degree/Diploma	University/Institution	State	Year
Ph.D	Indian Institute of Science Bangalore	Karnataka	June 2015
M.E.	Karnataka University Dharwad	Karnataka	May 2004
B.E.	Karnataka University Dharwad	Karnataka	May 1989

## Section- II: Teaching Experience

### 05. Teaching Experience

Position Held	Nature of Appointment	Duration		Level (PG / UG)	No. of Years	University/ Institution
		From	To			
Associate Professor	Permanent	28.11.2023	Till date	UG	01 Yr	BEC, Bagalkote
Selection Grade Lecturer	Permanent	06.12.2007	05.12.2010	UG	03 Yrs	BEC, Bagalkote
Senior Lecturer	Permanent	06.12.2003	05.12.2007	UG	04 Yrs	BEC, Bagalkote
Lecturer	Permanent	06.12.1997	05.12.2003	UG	6 Yrs	BEC, Bagalkote
Lecturer	Part Time	05.01.1992	05.12.1997	UG	05 Yrs 11 months	BEC, Bagalkote

### 06. Innovations in, and Contribution to, Teaching

Worked as a Member, Board of Studies in Civil Engineering Department, 2015-2016

Kinds of Teaching-related Activities	Nature of Contribution
a. Design of Curriculum	Prepared UG Syllabus
b. Teaching Methods	LCD/Blackboard
c. Laboratory Experiments	Prepared Laboratory Syllabus to meet Curriculum
d. Evaluation Methods	Internal + End Sem Exam
e. Preparation of Resource Material Including Books, Reading Materials, Laboratory Manuals, etc.,	Prepared Notes, PPT + Lab Manuals
f. Remedial Teaching/ Student Counseling (Academic)	Extra teaching + Students Counseling
g. Any Other	-

**07. Details of Training /Faculty Improvement/Professional Training/Further Study Undergone**

<b>Sl. No</b>	<b>Name of the Programme</b>	<b>Date</b>	<b>Organized by</b>	<b>Duration (Weeks)</b>	<b>Remarks</b>
1	Engineering Practice in Expansive Soil.	07.02.2000 To 18.02.2000	Basaveshwar Engineering College, Bagalkot	2 Weeks	Attended
2	Computer Applications to Civil Engg. Problems using C <sup>++</sup> & VC <sup>++</sup>	03.09.2001 To 01.09.2001	Malnad College of Engg. Hassan	2 Weeks	Attended
3	Technical Education & Challenges in the New Millennium. 4 <sup>th</sup> ISTE Karnataka State Convention.	03.11.2001 To 04.11.2001	Basaveshwar Engineering College, Bagalkot	2 Days	Attended
4	Advances in Concrete Technology with emphasis on High Performance Concrete.	03.12.2001 To 14.12.2001	Pondicherry Engineering College, Pondicherry	2 Weeks	Attended
5	Processing of Composite Materials	26.08.2002 To 07.09.2002	Basaveshwar Engineering College, Bagalkot	2 Weeks	Attended
6	Prospects of fibre reinforced cement composites in structural application.	23.06.2003 To 28.06.2003	Poojya Doddappa Appa College of Engineering, Gulbarga	1 Week	Attended
7	Advancements in Concrete structures and materials.	29.03.2004 To 03.04.2004	S.R.K.R.Engg College Chaina Amiran, Bhimavaram(AP)	1 Week	Attended
8	Structural Damage Assessment, Vulnerability and Retrofit.	05.07.2004 To 17.07.2004	Indian Institute of Science, Bangalore	2 Weeks	Attended
9	Alternative Building Materials & Technologies.	20.05.2005 To 21.05.2005	Indian Institute of Science, Bangalore	2 Days	Attended

Sl. No	Name of the Programme	Date	Organized by	Duration (Weeks)	Remarks
10	National Programme for Capacity Building of Engineers in Earthquake Risk Management.	13.06.2005 To 16.07.2005	Indian Institute of Science, Bangalore	5 Weeks  (34 days)	Attended
11	Maintenance of Highways (Concrete) and Road User Safety Aspects.	30.01.2006 To 11.02.2006	Basaveshwar Engineering College, Bagalkot	2 Weeks	Attended
12	Intellectual Property Rights Studies.	17.02.2006 To 18.02.2006	Basaveshwar Engineering College, Bagalkot	2 Days	Attended
13	Recent Trend in Applications of Finite Element Analysis.	06.03.2006 To 11.03.2006	Basaveshwar Engineering College, Bagalkot	1 Week	Attended
14	Vision-R & D.	20.03.2006 To 25.03.2006	Basaveshwar Engineering College, Bagalkot	1 Week	Attended
15	Applied Mathematics	03.04.2006 To 08.04.2006	Basaveshwar Engineering College, Bagalkot	1 Week	Attended
16	Nanotechnology and its Applications.	14.08.2006 To 19.08.2006	Basaveshwar Engineering College, Bagalkot	1 Week	Attended
17	National Programme for Capacity Building of Engineers in Earthquake Risk Management in "RCC Construction".	08.01.2007 To 12.01.2007	Basaveshwar Engineering College, Bagalkot	1 Week	Organized
18	National Programme for Capacity Building of Engineers in Earthquake Risk Management in "Masonry Construction".	22.01.2007 To 26.01.2007	Basaveshwar Engineering College, Bagalkot	1 Week	Organized
19	Engineering Seismology and Seismic Hazard Assessment (ESSHA 2007).	12.02.2007 To 16.02.2007	Indian Institute of Technology Madras, Chennai.	1 Week	Attended
20	Workshop on Microzonation.	26.06.2007 To 27.06.2007	Indian Institute of Science, Bangalore	2 Days	Attended
21	Basics of Wavelets and Applications	13.03.2008 To 15.03.2008	Basaveshwar Engineering College, Bagalkot	3 Days	Attended

Sl. No	Name of the Programme	Date	Organized by	Duration (Weeks)	Remarks
22	STTP on “Design of Earth quake Resistant Structures”.	26.05.2008 To 30.05.2008	Basaveshwar Engineering College, Bagalkot	1 Week	Organized
23	Low Carbon Materials and Building Systems.	16.01.2012 To 21.01.2012	Indian Institute of Science, Bangalore	1 Week	Attended
24	Introduction to Effective Technical writing using LaTeX.	05.03.2013 To 09.03.2013	Basaveshwar Engineering College, Bagalkot	1 Week	Attended
25	Effective Leadership For Excellence.	08.02.2014 To 09.02.2014	International Academy for Competency Enhancement, Bangalore	2 Days	Attended
26	Outcome Based Education.	18-12-2015	Basaveshwar Engineering College, Bagalkot	1 Day	Attended
27	Management Capacity Enhancement Programme for Administrative Heads of Basaveshwar Engineering College, Bagalkot	23.01.2017 To 25.01.2017	Indian Institute of Management, Bangalore	3 Days	Attended
28	Emerging Technologies for Sustainable Development.	27.02.2017 To 28.02.2017	Basaveshwar Engineering College, Bagalkot	2 Days	Attended
29	AICTE sponsored FDP on “Human Values and Ethics”.	03.10.2017 To 14.10.2017	B.V.V.S Polytechnic (Autonomous), Bagalkot	2 Weeks	Attended
30	“Faculty Induction Program” under TEQIP.	27.11.2017 To 02.12.2017	National Project Implementation Unit in collaboration with College of Engineering, Pune	1 Week	Attended
31	Workshop on “New Model Curriculum for First Year BE/B.Tech-CBCS Detailed Syllabus (2018-19) as per Outcome-Based Education (OBE) format including Course Outcomes (CO) and Bloom’s Taxonomy”	17-05-2018	Visvesvaraya Technological University, Belagavi	1 Day	Attended
32	“Induction Program for First	10.08.2018	Basaveshwar	9 Days	Organized

	Semester BE Students”	To 18.08.2018	Engineering College, Bagalkot		
33	“System Thinking and Applications” under TEQIP.	12.10.2018 To 30.11.2018	Basaveshwar Engineering College, Bagalkot	7 Weeks	Attended
34	AICTE sponsored FDP on “Current Practices and Critical Issues for OBE in Engineering Education/Institutions”	27.01.2020 To 07.02.2020	Basaveshwar Engineering College, Bagalkot	2 Weeks	Attended
35	One day workshop on “Publishing Research in High Quality Journals”	19-12-2019	Basaveshwar Engineering College, Bagalkot	1 Day	Attended
36	AICTE sponsored FDP on “Current Practices and Critical Issues for OBE in Engineering Education/Institutions”	27.01.2020 To 07.02.2020	Basaveshwar Engineering College, Bagalkot	2 Weeks	Attended
37	Two days’ workshop on “Outcome Based Education (OBE)”	01.02.2023 To 02.02.2023	Basaveshwar Engineering College, Bagalkot	2 Days	Attended
38	One day workshop on “Irrigation Management and Conservation of Water Bodies”	16-01-2024	Basaveshwar Engineering College, Bagalkote	1 Day	Attended
39	Two days FDP on “Empowering Research: Exploring Funding Opportunities”	17.01.2025 To 18.01.2025	Basaveshwar Engineering College, Bagalkot	2 Days	Attended

### Section- III: Research and Publications

#### 08. Doctoral Research

Year : 2015

Title of the Ph.D Topic: FRACTURE BEHAVIOR *INCLUDING SIZE EFFECT* OF CEMENT STABILISED RAMMED EARTH

University/Institution : Indian Institute of Science, Bangalore

#### 09. Details of Papers Publications

1. M.M. Hanamasagar, B.S. Haravi, Shankar H. Sanni “*Studies on the Utilization of Quarry Waste in Mortar*” 8<sup>th</sup> National Conference on Technological Trends (NCTT 2007), pp: 216-219.
2. Mahantesh M. Hanamasagar and Keshavraj Girinivas (2017) “*Shape and Size effects on the Compressive strength of stabilized Rammed Earth both in wet and dry condition*”, International Journal for Research in Applied Science & Engineering Technology, Vol (5), Issue IX.
3. Mahantesh M. Hanamasagar and Keshavraj Girinivas (2017) “*Experimental Study on Compression and Shear Strength of stabilized Rammed Earth*”, International Journal for Research in Applied Science & Engineering Technology, Vol (5), Issue IX
4. M. M. Hanamasagar and Bhimappa Rathod (2021) “*Experimental Study on Ground Granulated Blast Furnace Slag (GGBS) Based Polymer Concrete Using Polyethylene Terephthalate (PET) fibers as Fine Aggregate*”, International Journal of Engineering Research & Technology (IJERT), Vol. 10 Issue 07, pp: 582-587

5. M. M. Hanamasagar and Vijayanand (2021) “Experimental Studies on Sugar Cane Bagasse Ash (SCBA) as a Partial Replacement of Cement in Concrete”, International Research Journal of Engineering and Technology (IRJET), Vol. 8 Issue 08, pp: 3514-3524
6. Mahantesh M. Hanamasagar and Aravind M. Pattanashetti (2024) “*Influence of Quarry Dust and Demolished Soil on Strength Properties Including Compressive Stress-Strain Behavior of Rammed Earth*”, International Journal of Research and Analysis in Science & Engineering, Vol (4), Issue 5, pp: 39-56

#### 10. Memberships in Academic Societies/Bodies

Name of Society	Affiliation	Position	Remarks
ISTE	New Delhi	Member	LM 26124 (since 1997)
MIE	New Delhi	Member	M/129536/5 (since 2005)

#### 11. Resource Person in Refresher Courses/ Other Training Programmes

Month and Year	Institution	Nature of Programme	Target Group	Outcome
01.12.2005 To 02.12.2005	Basaveshwar Engineering College, Bagalkot	Workshop on “Cost Effective and Innovative Construction Technology”	Masons	Learnt how to construct a low cost building.
08.01.2007 To 12.01.2007	Basaveshwar Engineering College, Bagalkot	National Programme for Capacity Building of Engineers in Earthquake Risk Management in “RCC Construction”.	Private and Public Engineers	Learnt the behavior of RCC structures subjected to Earth quake
22.01.2007 To 26.01.2007	Basaveshwar Engineering College, Bagalkot	National Programme for Capacity Building of Engineers in Earthquake Risk Management in “Masonry Construction”.	Private and Public Engineers	Learnt the behavior of Masonry buildings subjected to Earth quake
10.12.2007 To 14.12.2007	Basaveshwar Engineering College, Bagalkot	CEP on “Low Cost Housing”	Public Engineers	Learnt how to construct a low cost building.
26.05.2008 To 30.05.2008	Basaveshwar Engineering College, Bagalkot	STTP on “Design of Earth quake Resistant Structures”	Teachers from various colleges in India.	Learnt the design of RCC structures subjected to Earth quake

## 12. Organization of Programmes (Seminar/Workshops, etc.,)

Programme	Date	Position Held	Target Group
Workshop on “Cost Effective and Innovative Construction Technology”	01.12.2005 To 02.12.2005	Co-ordinator	Masons
National Programme for Capacity Building of Engineers in Earthquake Risk Management in “RCC Construction”.	08.01.2007 To 12.01.2007	Co-ordinator	Private and Public Engineers
National Programme for Capacity Building of Engineers in Earthquake Risk Management in “Masonry Construction”.	22.01.2007 To 26.01.2007	Co-ordinator	Private and Public Engineers
CEP on “Low Cost Housing”	10.12.2007 To 14.12.2007	Co-ordinator	Public Engineers
STTP on “Design of Earth quake Resistant Structures”	26.05.2008 To 30.05.2008	Co-ordinator	Teachers from various colleges in India.
“Induction Program for First Semester BE Students”	10.08.2018 To 18.08.2018	Co-ordinator	First Semester BE Students
“HRD Training Program for First year Engineering Students”	03.12.2022 To 04.12.2022	Resourceful Facilitator	First Semester BE Students

## 13. PhD Guide

SNo.	Name of the Research Scholar	Title of the Research work	Year of Registration	Status
1	Keshavaraj M Girinivas USN: 2BA16PCJ01	Experimental Investigations into the Strength Characteristics and Fracture Behavior of Fibre Reinforced Stabilized Rammed Earth by Using Industrial Wastes.	2015-16	Under Progress

## 14. PG Guide

SNo.	Name of the Student	Title of the Research work	Year of Registration	Status
1	Aravind M Pattanashetti USN: 2BA14CSE04	Experimental Investigation on Engineering Properties of Stabilized Rammed Earth Material with Replacement of Natural Soil Partially by Quarry Dust and Demolished Soil.	2015-16	Completed
2	Gangadhar Yaraguppi USN: 2BA16CSE04	Characteristics of Masonry Units from Different Industrial Wastes.	2017-18	Completed

3	Manjunath Balami USN: 2BA16CSE09	Experimental Investigation on Engineering Properties of Cement Stabilized Rammed Earth Material by Using Industrial Waste.	2017-18	Completed
4	Amith Angadi USN: 2BA16CGT01	Experimental Investigation on Engineering Properties of Fiber Reinforced Stabilized Rammed Earth by Using Industrial Waste.	2017-18	Completed
5	Pooja R V USN: 2BA17CGT07	Influence of thickness on fracture parameters of fibre reinforced Stabilized Rammed Earth by Using Industrial Wastes.	2018-19	Completed
6	Rumi Chanda USN: 2BA17CGT12	To Evaluate the Compressive And Shear Strength Properties for Prisms made by using Fired and Un-fired Stabilized Bricks with Industrial Wastes.	2018-19	Completed
7	I H Honyal USN: 2BA17CSE04	Strength Characteristics of Sand stone, Basalt stone, Laterite stone and Burnt Brick as Building Masonry Units.	2018-19	Completed
8	Vijayanand USN: 2BA19CSE12	Experimental Studies on Sugar Cane Bagasse Ash (SCBA) as a Partial Replacement of Cement in Concrete.	2020-21	Completed
9	Bhimappa Rathod USN: 2BA19CSE03	Experimental Study on Ground Granulated Blast Furnace Slag (GGBS) based polymer concrete by using Polyethylene Terephthalate Bottle fibers as fine aggregate.	2020-21	Completed