

# **CURRICULUM VITAE:**

## **1. Name in full**

**H.S. NARASHIMHAN**

## **2. Present Post / Institution**

Associate Professor  
Department of Civil Engineering  
Malnad College of Engineering,  
Hassan – 573 202



## **3. Personal Data**

Date of Birth: **20-05-195**

Place of Birth: Hassan Taluk

Religion / Caste: **Hindu / Besthar [ Category – I ]**

### Office Address:

Dr. H.S. Narashimhan, B.E., M.Tech, Ph.D  
Professor,  
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### Residential Address:

Dr. H.S. Narashimhan, B.E., M.Tech, Ph.D,  
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## **4. Educational Qualifications:**

Degree / Examination	University / Institution	Year	Discipline	Division / Class	% of Marks
<b>Ph.D</b>	Visvesvaraya Technology University (VTU), Belagavi-590018	2019	Structures	-	-
<b>M.Tech</b>	Indian Institute of Technology Kharagpur, West Bengal	2005	Structures	<b>First Class</b>	8.59 (CGPA) / 78.40
<b>B.E</b>	University of Mysore, Mysore – 570 005 / Malnad College of Engg., Hassan – 573 201	1992	Civil Engineering	<b>First Class</b>	65.60 (Final year)

## **5. Computer Skills**

Proficiency with use of Computers for Communication and use of few types of software

## 6. Professional Experience of 28 years till date of taking charge Professor & Head, Malnad College of Engineering College, Hassan

Designation	Institute	From	To	Scale of Pay (Rs.)
Lecturer	Malnad College of Engineering, Hassan-573201	16-04-1997	15-04-2003	8000-275-13500
Senior Lecturer		16-04-2003	15-04-2008	12000-420-18300
Selection Grade Lecture/Assistant Professor		16-04-2008	04-07-2013	16400-450-20900-500-22400
Associate Professor		05-07-2013	28-05-2024	16400-450-20900-500-22400
Professor		29-05-2024	Till Date	

## 6. Other Academic Activities:

Research Publications in refereed International / National Journals and Conferences	22
Patents	02
Short term courses -	03
a. Organised	32
b. Attended	10
c. Delivered Lectures	34 and 36
Number of Candidates guided for their M.Tech and B.E., thesis	-

## 7. Academic or Professional Awards (Honors)

- a) M.Tech Thesis guided and entitled "Experimental Studies on Self-Compacting Concrete Using Fly Ash".

## 8. List of thesis publications

- a) **M.Tech Thesis – FLY ASH BASED SELF-COMPACTING CONCRETE**, Paper presented during national Conference on Advances in Road Transportation (ART-2005) held at National Institute of Technology Rourkela (Orissa state) on February 12-13, 2005. "Effect of position of opening on the behavior of infilled frames ", IIT Madras (1986) – Guide Prof. **Barai, S. V.**
- b) **Ph.D Thesis - “DEVELOPMENT AND PREDICTION OF PROPERTIES OF SELF-COMPACTING CONCRETE USING AGRO BYPRODUCTS”, VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**JNANA SANGAMA, BELAGAVI-590018, KARNATAKA, INDIA (2019)** – Guide / s Prof. Dr. **Karisiddappa**, Vice Chancellor, Visvesvaraya Technological University and **Dr. M. Rame Gowda** Professor and Head, Department of Civil Engineering, Adichunchanagiri Institute of Technology, Chikamagalur 57710

## b) Consultancy

- Handled many Projects such as Material Testing, Analysis & Design of Civil Engineering Structures, Soil Investigations, Water Quality Analysis etc. – Sponsored by CPWD, KPWD, KUWSSB, Land Army, KSRTC, Zilla Panchayat, Hassan.

## 10. Professional Affiliation, Indian and Foreign (Membership of Societies, etc.)

Organization	Grade of Membership
Indian Society for Technical Education	LIFE MEMBER

## 11. Other Experiences:

- Associate Dean (Exam), Malnad College of Engineering (M.C.E), Hassan
- Dean (Student Affairs), M.C.E, Hassan
- Coordinator, civil works Alumni convention centre , Malnad Technical Education Society (M.T.E.S) ®, Hassan
- Member, Board of Studies in Civil Engineering P.D A college of Engineering, Kulburgi. (Autonomous institutions), VTU nominee
- Coordinator PG Program in Civil Engineering from 2015 to 2022
- Served as member, B.O.E and B.O.S and Serving as Examiner in Civil Engineering of UG and PG programmes, MCE, Hassan.
- Coordinator, Continuing Short Term training for PW and Irrigation Practicing engineers

### *ACADEMIC PROFILE:*

#### A) List of Research papers published in National / International Journals

1. Hardened Properties of Concretes made with Micro Silica and Alccofine-A Performance Optimization based Comparative Study" International Journal of Engineering Research and Development, Volume 10, Issue 8 (August 2014), PP.01-09.
2. Experimental Studies on Self Compacting Concrete by Partial Replacement of Sand by quarry dust, Cement by Rice Husk and Bagasse Ash." International Journal of Engineering Science Invention, Volume 3 Issue 9, September 2014, PP.24-31.

3. An Analytical Investigation on Behavior of Cross (+) Shaped RC Columns Using P<sub>U</sub>-M<sub>U</sub> Interaction Diagrams. Bonfring International Journal of Man Machine Interface, Vol. 4, Special Issue, July 2016 Page No. 90-97.
4. H.S.Narashimhan, Karisiddappa and Ramegowda. M. "Experimental Studies on Self Compacting Concrete by Partial Replacement of Sand by quarry dust, Cement by Rice Husk and Bagasse Ash", International Journal of Engineering Science Invention, Volume 3, Issue 9, September 2014, pp : 24-31.
5. H.S.Narashimhan, Karisiddappa and Ramegowda. M. "An Investigation on the Characteristic Properties of SCC Using Bagasse Ash and Rice Husk Ash". International Journal of Advanced Research Trends in Engineering and Technology. Vol. 5, Special Issue 3, January 2018 pp: 60-67.
6. H.S.Narashimhan, Karisiddappa and Ramegowda. M. "Behavior of Self-Compacting Concrete Using Pozzolanic Materials". IOSR Journal of Mechanical and Civil Engineering. Volume 15, Issue 1, Ver. II, January – February 2018, pp: 57-64.
7. H. S. Narashimhan, Karisiddappa and M. Ramegowda, " Predicting Compressive Strength of Self-Compacting Concrete Using Bagasse Ash and Rice Husk Ash", International Journal of Science and Research, Volume 7, Issue 3, March 2018, pp : 315 -320.
8. Supriya S, H.S Narashimhan, "Effect of Core wall on Torsional and Dynamic Behaviour of High – Rise Flat Slab Structure", International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue: 05, | May 2019, pp 5948-5954.
9. Chethan H R and Dr.H.S.Narashimhan " Comparative Study of Ten Storey Building with Blast and Seismic Loading", International Research Journal of Engineering and Technology. Volume: 07 Issue: 09, Sep 2020, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor value: 7.529, Page 143 -149.
10. Vikram B and Dr H S Narashimhan " Effect of Warping Torsion on the Behavior of Open and Closed Section Core Walls in High Rise Buildings" International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol. 14 Issue 02, February-2025

#### **B) List of Research papers published in National / International Conferences**

1. H S Narashimhan and S V Barai 2005. " Fly Ash Based Self-Compacting Concrete, Proceedings of Advances in Road Transportation (ART 2005), Mahabir Panda and K C Biswal (Editors), held at NIT Rourkela, February 12-13, 2005, pp:582-590.

2. H S Narashimhan, Dipak Kumar Tripathy and S V Barai 2005. " Self-Compacting Concrete (SCC) using Waste Materials: Brief Review And Preliminary Results, Proceedings of National Conference on Recent Developments in Structural Engineering (RDSE-2005) H R Dhananjaya (Editor), August 29 – 30, 2005 held at Department of Civil Engineering, Manipal Institute of Technology, Manipal – 576 104, Karnataka, India, pp: 263-272.
3. H S Narashimhan and S. V. Barai (2008). " Studies on Vibrated and Self-Compacted RC Beams, The Eleventh East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-11), Taipei, Taiwan, November 19-21, 2008.
4. H S Narashimhan and S V Barai 2006. " Studies on Fly Ash Based Self-Compacting Concrete, Proceedings of The Tenth East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-10) held at Inter Continental, Bangkok during August 3-5, 2006 Vol. 6, pp:537-542.
5. Finite element approach to study the elastic instability of concrete filled steel tubular column under axial loads" paper presented during national conference on contemporary civil engineering research and practices- ccerp 2012 april 20-21 held at Manipla Institute of Technology Manipal (Karnataka state) on April 20 – 21, pp 705-714
6. Study on Along Wind Response of Tall Chimneys and its Effect on Foundation Behaviour in Reducing Horizontal Displacement" Proceedings of the 2nd National Conference on Systems, Energy & Environment (NCSEE '14).
7. Experimental Studies on Self Compacting Concrete by Partial Replacement of Cement by Rice Husk and Bagasse Ash. First International Conference on Recent Advances in Science & Engineering-2014 (ISRASE-2014).
8. Utilization of quarry Dust in the Development of Self Compacting Concrete Using Bagasse Ash and Rice Husk Ash. 21-22 DECEMBER 2018 JORHAT ENGINEERING COLLEGE JORHAT, ASSAM, INDIA
9. An Investigation on the Characteristic Properties of SCC Using Bagasse Ash and Rice Husk Ash. International Conference on Emerging In Science & Technologies For Engineering Systems (IEAE-2018), (SJCIT, Chikkabalapur2018).
10. Sharan P and Dr H S Narashimhan, "Comparison of seismic behavior of conventional slab, flat slab and grid slab using response spectrum method for an unsymmetric plan", International Journal of Engineering Applied Sciences and Technology, 2019 Vol. 4, Issue 2, ISSN No. 2455-2143, Pages 141-145
11. Sagar M and Dr H S Narashimhan, "NONLINEAR STATIC ANALYSIS OF IRREGULAR (L-SHAPED) FLAT SLAB BUILDING FOR PROGRESSIVE COLLAPSE", National Conference on "New Generation Concrete and its Applications" (NGCA-2019), 8th August 2019, Organised by Department of Civil Engineering, AIT, Chikkamagaluru, Karnataka state.

12. Sharan P and Dr H S Narashimhan, “ COMPARISON OF SEISMIC BEHAVIOR OF CONVENTIONAL SLAB, FLAT SLAB AND GRID SLAB USING RESPONSE SPECTRUM METHOD FOR AN UNSYMMETRIC PLAN”, National Conference on “New Generation Concrete and its Applications” (NGCA-2019),

### C) List of Patents

1. Green Roof System with Integrated Rainwater Harvesting, India, 14/06/2024 Solar Powered Water Purification Device, 14.06.2024 UK Design
2. An Experimental Study on Pervious Concrete as a Paver Block, India, 14.02.2025

### D) List of I. S. T. E / Q. I. P short term courses attended

Sl. No.	Name of the Activity	Duration	Place	Year
1	Workshop on Computer Related Subjects of Civil Engineering	20-10-2000 to 21-10-2000	Department of Civil Engineering, Malnad College of Engineering, Hassan	2000
2	Computer Application of Civil Engg Problem using C ++ and VC ++	03.09.2001 to 16.09.2001	Department of Civil Engineering, MCE, Hassan	2001
3	Recent Trends in Polymer Composites	17.09.01 to 29.09.2001	S.J.C.E. Mysore	2001
4	Effective teaching skills	05.02.2005 to 10.02.2005	Indian Institute of Technology, KHARAGPUR Madras	2005
5	FEM and its application to non-linear problems	11.07.2005 to 22.07.2005	PES College of Engineering, Mandya	2005
6	Integrated solid waste management	22.08.2005 to 03.09.2005	PES College of Engineering, Mandya	2005
7	Computational methods in mechanical Engineering	19.12.2005 to 24.12.2005	Malnad College of Engineering, Hassan	2005
8	Exposition of CAD software	08.08.2006	NIE, Mysore	2006
9	Mathematical models in Engineering Problems	08.09.2006 to 10.09.2006	Malnad College of Engineering, Hassan	2002
10	Advanced CAD/CAM Tools in Design and Manufacturing	25.09.2006 to 29.09.2006).	Malnad College of Engineering, Hassan	2006

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11	Geological Information System and Remote Sensing in Civil Engineering,	21-10 -2006 to 22 -10 -2006.	Malnad College of Engineering, Hassan	2006
12	Role of Teacher in Character Building and Personality Development	17-05-2008 to 18-05-2008	RIMSE, Mysore	2008
13	National Programme for Capacity Building of Engineers in Earthquake Risk Management in RCC and Masonry Constructions,	28-07-2008 to 01-08-2008	Malnad College of Engineering, Hassan	2008
14	Renewable and Hybrid Energy Technologies	18-03-2013 to 22 -03 -2013).	RV College of Engineering, Bangalore	2013
15	Recent Development in Civil Engineering and Future Challenges-mRDCEFC-2013	09-05-2013	Malnad College of Engineering, Hassan	2013
16	Structural Dynamics and Earthquake Engineering, at Department of Applied Mechanics	03-06-2013 to 15-06-2013	Walchand College of Engineering, Sangli, Maharastra State	2013
17	Computer Security, at Department of computer Science and Engineering	17-06-2013 to 28-06-2013	Walchand College of Engineering, Sangli, Maharastra State	2013
18	Hydraulic and Hydrologic Modelling Concept and Applications	01--7-2013 to 05-07-2013	Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat State	2013
19	Deriving Program Educational Objectives / Program Outcomes / Course outcomes / Assessments for NBA Self-Assessment Report	11-07-2013 to 13-07-2013	Malnad College of Engineering, Hassan	2013
20	Advanced Surveying by Using Total Station	29-07-2013 to 03-08-2013	PES College of Engineering, Mandya	2013
21	Advanced Surveying and Mapping by Using Total Station and GPS	16-12-2013 to 21-12-2013	Malnad College of Engineering, Hassan	2013
22	Best project award for To Study the Behavior of Self Compacting Concrete with Partial Replacement of Cement	2012-13.	Malnad College of Engineering, Hassan	2013

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	by Fly ash,			
23	Comprehensive Course on Solar PV System Design, Installation & Troubleshooting,	18-11-2013 to 22-11-2013	Malnad College of Engineering, Hassan	2013
24	Design, Modeling and analysis of composite structures,	27-01-2014 to 08-02-2014	Government College of Engineering, Hassan	2014
25	Analytical and Numerical Techniques in Applied Mathematics and Engineering	28-07-2014 to 02-08-2014	Malnad College of Engineering, Hassan	2014
26	Recent Advances in Traffic Engineering and Transportation Planning,	08-12-2014 to 13-12-2014	Malnad College of Engineering, Hassan	2014
27	Statistical Techniques for Data Analysis in Research (STEDAR-2014),	09-06-2015 to 13-06-2014	at Government College of Engineering, Aurangabad, Maharashtra State	2014
28	Principles of Earthquake Resistant Design of Structures	18-04-2015	Malnad College of Engineering, Hassan	
29	Analysis and Design of High Rise Structures	04-05-2015 to 16-05-2015	Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad, Telanganna State	2015
30	on Formulation, Modeling & Practical Applications of Operation Research	25-05-2015 to 06-06-2015	Malnad College of Engineering, Hassan	
31	Recent Trends in Transportation Engineering,	11-07-2016 to 16-07-2016	conducted by Department of Civil Engineering at NIT, Tiruchirappalli	2016
32	Determination of fineness of cement by Blaine' apparatus, Concrete Permeability test, Concrete Mix Design/ Self Compacting Concrete and Application of NDT equipment's for concrete testing	21-10-2016	Civil-Aid Technoclinic Private Limited, Bangalore	2016
33	Research Methodology through ICT coducted by Education and Educational Management	09-01-2017 to 13-01-2017	Government Engineering College, Hassan	2017
34	Innovative Teaching Methodologies	10-03-2017 to 12-03-2017	Malnad College of Engineering, Hassan	2017

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35	Challenges in Non-Conventional Energy Sources	09-04-2018 to 13-04-2018	Malnad College of Engineering, Hassan	2018
36	Total Quality Management	28-05-2018 to 01-06-2018	Malnad College of Engineering, Hassan	2018
37	Recent Developments in Solar & Wind Energy System for On / Off Grid Applications	09-07-2018 to 13-07-2018	Department of Electrical and Electronics Engineering, Malnad College of Engineering, Hassan	2018
38	Outcomes Based Education	04-08-2018 to 05-08-2018	Malnad College of Engineering, Hassan	2018

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