

BIO DATA

Name: SHASHIKUMAR.CS

Designation: ASSISTANT PROFESSOR

Department: CIVIL ENGINEERING

College: VIVEKANANDA INSTITUTE OF TECHNOLOGY

1 EDUCATIONAL QUALIFICATION

Sl. No.	Course	Branch/ Specialization	Name of the University/Board	Name of the Institute	Year of Passing
1	Ph.D (Pursuing)	STRUCTURES	BU	UVCE	-
2	ME	STRUCTURES	BU	UVCE	2009
3	BE	CIVIL ENGINEERING	BU	UVCE	2007
4	PUC	PCMB	PUC	GOVERNMENT PU COLLEGE YELAHANKA	2002
5	SSLC	-	KSSEB	SHESHADRIPURAM SCHOOL YELAHANKA	2000

2 DETAILS OF EXPERIENCE

A: TEACHING

Sl. No.	From	To	Name of the Institution	Designation	Subjects Taught
1	2009	2010	DSCE	LECTURER	SOM, SURVEY, ECE, OPTIMIZATION.
2	2013	TILL DATE	VKIT	ASSISTANT PROFESSOR	SOM, CT, ACT, STEEL, RCC.

B: RESEARCH

Sl. No.	From	To	Name of the Institute where worked	Designation	Area of Research
1	2015	TILL DATE	UVCE	RESEARCH SCHOLAR	Structural Engineering

C: INDUSTRY

Sl. No.	From	To	Name of the Company	Designation	Area of work
1	2010	2013	Design AID	Structural Engineer	Structural Design Of RCC and Steel Structures.

3 MEMBERSHIP OF PROFESSIONAL BODIES:

Sl. No.	Name of the Professional body	Year of Joining	Reg. Number
1	AMIE	2010	AM1389508
2	MISSET	2010	1437
3	MIAENG	2018	216715.

4 RESEARCH FUNDS

CO-COORDINATOR for Research grant of **Rs. 40 Lakhs** under K-FIST L2 scheme of VGST 2017-18 on the Project Proposal entitled “Developing high volume fly ash high strength concrete made with Nanomaterials to enhance its resistance to high temperatures”.

Research centre – UVCE

5 AWARDS AND RECOGNITIONS

- Project entitled “Experimental study on the mechanical properties of High Strength High Volume Fly Ash Concrete Incorporating Nanosilica and Nanofibers” was awarded as Best project in the Project exhibition 2017-2018 held at VKIT.
- Project entitled “Experimental study on the mechanical properties of High Strength High Volume Fly Ash Concrete Incorporating Nanomaterials under elevated Temperatures” was awarded as Best project in the Project exhibition 2018-2019 held at VKIT.

6 AREAS OF INTEREST

Sl. No.	Theory Subjects of Interest to Teach	Areas of Research Interest
1.	STEEL STRUCTURES	CONCRETE TECHNOLOGY
2.	CONCRETE TECHNOLOGY	SEISMIC ANALYSIS and DESIGN OF BUILDINGS
3.	EARTHQUAKE ENGINEERING	
4.	DESIGN OF RCC STRUCTURES	
5.	STRUCTURAL ANALYSIS	

7 EXPERT LECTURES DELIVERED

- Delivered lecture on “HIGH VOLUME FLY ASH CONCRETE INCORPORATING NANOSILICA FOR SUSTAINABLE DEVELOPMENT”, Regional workshop on Engineering challenges related to the concept of new materials in construction industry, Dayananda sagar college of engineering, 2018.
- Delivered lecture on “Modern Methods of Building Construction”, at three day workshop on “Natural Hazards due to Landslides – Challenges to Civil Engineers” organised by Vivekananda Institute of Technology, 2018.

8 PROGRAMS/ SEMINARS/ CONFERENCES ORGANIZED

- Organised Three Day workshop on “Building Planning and Design using REVIT Software” from 10th – 12th September 2019, VKIT, Bangalore.
- Organised Three Day workshop on “Natural Hazards due to Landslides – Challenges to Civil Engineers” from 14th – 16th November 2018, VKIT, Bangalore.
- Organised engineers day from 2013 - till date at VKIT.

9 PROGRAMMES / WORKSHOPS/ SEMINARS/ CONFERENCES ATTENDED

- Hands on Training in “XRD and SEM”, Centre for Incubation, Innovation, Research and consultancy, Jyothi Institute of Technology, Bangalore 2019.
- Attended One day workshop on “ Model Based System Identification And Its Application To Civil Engineering Structures”, VTU, 2019
- Participated in Two days International Conference on “Impact of Global Atmospheric Changes On Natural Resources (IGACNR)”, UVCE, 2018.
- Participated in Regional workshop on “Engineering challenges related to the concept of new materials in construction industry”, DSCE, 2018.
- FDP on “Advanced Training on Ansys”, SJBIT, 2018.
- Training Programme on “Prefabricated Steel Building Design Concept & Structural Issues”, Organised by INSTRUCT Bangalore 2017.
- Workshop on “Data Analysis through SPSS and its application in Environmental Engineering”, UVCE Bangalore 2017.
- Workshop on “Advanced Design of Steel Structures”, BIT, Bangalore, 2017.
- Workshop on “Modern Trends in Concrete Technology”, UVCE, Bangalore, 2017.
- “Hands on Training FEAST-ISRO product for analysing the structure”, Acharya Institute of Technology Bangalore 2017.

10 CERTIFICATE COURSES ATTENDED

- Attended GIAN Course on “Advanced Structural Dynamics” organised by College of Engineering Pune from 24th to 28th December 2018.
- Attended one day tutorial on “ Design Testing and Retrofitting of Structures for Earthquake Loading”, held at CPRI, Bangalore, from 27th August 2008.
- Attended continuing Education Course on “Finite Element method” conducted during August – December 2008 under the proficiency Programme, IISC, Bangalore.

11 CONSULTANCY SERVICES

Proof checking services were provided to Rural Drinking Water & Sanitation Division, Government of Karnataka for the following projects.

- Proof checking of structural designs and drawings for providing water supply to shri. Renukadevi temple at yellamma gudda in Soundatti Taluka of Belagavi District, 2019.
- Proof checking of structural designs and drawings for providing distribution network and express feeder line to Gokarna and other 07 villages under MVS schemes at Kumta Taluk of Uttarkannada district, 2018.
- Proof checking of structural designs and drawings for providing water supply to enrout 28/105 villages/habitations from AWSS to Sagara city with Sharavathi river (kargal dam) as source of Sagara Taluk, Shimoga district, 2018.
- Proof checking of structural designs and drawings for providing water supply to Sarapady and other 95 habitations of Bantaval taluk of D. Kannada district under NRDWP, 2018.
- Proof checking of structural designs and drawings for providing multi village water supply scheme to T. Bettahalli and other 16 villages in T. Narasipura Taluka of Mysore District, 2018.
- Proof checking of structural designs and drawings of Water treatment units, treatment plant and staff quarters for providing water supply to 24 habitations in Nada, Senapura and Hadavu Grama panchayates in Kundapur Taluk, Udupi District, 2017.
- Proof checking of structural designs and drawings of water treatment units, treatment plant and staff quarters to MANI and other 67 habitations at Bantawala Taluka, 2017.

12 PUBLICATIONS

Number of Papers Published in		Number of Papers Published in	
Int.Nat. Journal	Nat. Journal	Int.Nat. Conference	Nat. Conference
01	-	02	

International Journal papers:

- Shashikumar CS and M. Keshavamurthy, “Influence of High Volume Fly Ash and Nanosilica on particle packing of concrete”, THE INDIAN CONCRETE JOURNAL, June 2019.

International Conference Papers:

- Shashikumar CS and M. Keshavamurthy, “Evaluation Of Strength Properties Of High Volume Flyash Concrete Incorporating Nanomaterials”, American Institute of Physics proceedings of international Conference – ERCAM- 2019, NMIT, 2019.
- Shashikumar CS and M. Keshavamurthy, “Effect Of CNS On High Strength High Volume Flyash Concrete”, 7th International Engineering Symposium, Graduate School Of Science And Technology, Kumomoto University, Japan, 2018.

13 REFERENCES

Dr. N. Munirudrappa Professor DSCE Bangalore	Dr. M. Keshavamurthy Professor UVCE Bangalore	Dr. L. Govindaraju Associate professor UVCE Bangalore
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PERSONAL INFORMATION

DATE OF BIRTH: 28/12/85	AGE: 33yrs	SEX: Male
HIGHEST QUALIFICATION: ME, (Ph.D)		
ADDRESS PERMANENT/ COMMUNICATION: #63, 3 rd Cross, 3 rd Main, Behind Shantidhama college, Byraveshwara Nagar, sunkadakatte, Bangalore.		
PHONE NO: MOBILE NO: +91 9886506760 BLOOD GROUP: O ^{+ve}	E-mail: shashi2885@gmail.com	
Fathers Name: Shivalingaiah CE	Mothers Name: Siddalingamma CC	