

CURRICULUM VITAE

MANJUNATH N K

#190, Sastha Nilayam, 5th Cross
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Objective

An Optimistic “never giving up” attitude will ensure my best performance at all time. Providing a highly motivated, progressive, friendly environment, encouraging the pursuit of career advancement and expand my knowledge and skills, so as to add value to growth of the institution.

Work Experience

- Worked as a Lecturer for 10.0 Months at **MVJ Polytechnic**, Near ITPL, Whitefield, Channasandra, Bangalore-67.
- Worked as an Assistant Professor for 3.0 Years 4.0 Months at **Sri Krishna Institute of Technology**, Chikkabanawara, Bangalore-90.
- Worked as an Assistant Professor for 1.0 Year 4.0 Months at **Madda Walabu University**, Bale Robe, Ethiopia.
- Worked as an Assistant Professor for 6.0 Months at **Sri Krishna Institute of Technology**, Chikkabanawara, Bangalore-90.
- Worked as a Site Engineer for 8.0 Months at **BMS Educational Trust**, Bull Temple Road, Basavanagudi, Bangalore-19.
- Worked as an Assistant Professor for 4.0 Years in **BMS Evening College of Engineering**, Bull Temple Road, Basavanagudi, Bangalore-19.

During the Course

- ✓ Involved in setting up of “**Hydraulics & Hydraulic Machines Laboratory**”.
- ✓ Guided **16 Engineering projects and 28 Technical seminars** for the final year students.
- ✓ Guided **12 Internship projects** for the final year students.
- ✓ Guided **Extensive Survey Project** for pre final year students.

Papers Published

‘The strength parameters of self-compacting concrete with partial replacement of cement by rice husk ash and natural sand by filtered sand’. International journal of scientific and engineering research (IJSER, Volume 4, Issue 5, May 2013).

‘Seismic response of tall irregular buildings under influence of torsion’. International journal for scientific research & development (IJSRD, Vol. 4, Issue 10, 2016).

‘Effect of effective porosity and saturated water absorption on rice husk ash – filtered sand self-compacting concrete’. International research journal of engineering and technology (IRJET, Volume: 04, Issue: 03, Mar-2017).

‘Study on seismic behaviour of tall irregular buildings under influence of non-parallel and offset irregularities’. International research journal of engineering and technology (IRJET, Volume: 04, Issue: 03, Mar-2017).

‘Effect of acid attack on rice husk ash – filtered sand self-compacting concrete’. International journal of engineering research and general science (IJERGS, Volume 6, Issue 3, May-June, 2017).

‘Effect of sulphate attack on rice husk ash – filtered sand self-compacting concrete’. International journal of engineering research and technology (IJERT, Volume 10, Issue 01, January, 2021).

Conferences

‘The strength parameters of self-compacting concrete with Partial replacement of cement by Rice husk ash & Natural sand by Filtered sand’. International conference in ICICE-2013 SCMS school of Engg and Technology, Vidyanagar, Karakutty, Ernakulam-683582 on May 9th and 10th of 2013.

Courses/Workshops/FDP’s

A course on “**Integrated Water Resource Management**” from Global Initiative of Academic Networks (GIAN) under Ministry of Human Resource Development, BMS College of Engineering, Bangalore – 19.

Attended one week Faculty Development Programme on ‘**OUTCOME BASED EDUCATION AND ACCREDITATION**’, BMS College of Engineering, Bangalore – 19.

Attended five days online Faculty Development Programme on ‘**Sustainability Aspects And Recent Trends in Civil Engineering – The Future Scenario**’, BMS Institute of Technology, Bangalore.

Attended three days online Faculty Development Programme on ‘**Smart City Innovations By Applying Engineering Technologies**’, M S Ramaiah Institute of Technology, Bangalore – 54.

Attended three days online Faculty Development Programme on ‘**Industrial Revolution 4.0: Future Opportunities And Challenges In Civil Engineering**’, Ramaiah Institute of Technology, Bangalore.

Attended five days online Elementary Faculty Development Programme on ‘**Research Methodology and Optimization Techniques**’, AICTE Training and Learning (ATAL) Academy, New Delhi.

Attended one day CGWB Tier III Training Program, online First Webinar Series on ‘**Groundwater Level Monitoring**’, WATER INSTITUTE, Faculty of Engineering – Civil, UVCE, Bangalore University, Bangalore.

Attended one week online AICTE – ISTE sponsored Refresher Program on ‘**Design Thinking**’, VTU e-learning center, Mysuru and Vidyavardhaka College of Engineering, Mysuru.

Attended six days online Faculty Development Programme on ‘Sustainable Energy Efficient Green Technology’, Ramaiah Institute of Technology, Bangalore.

Attended one week Faculty Development Programme on ‘OUTCOME BASED EDUCATION’, BMS Evening College of Engineering, Bangalore – 19.

Attended one week Faculty Development Programme on ‘ADVANCED MATERIALS & MANUFACTURING TECHNIQUES (AMMT-2023)’, BMS Evening College of Engineering & Department of IEM, BMS College of Engineering, Bangalore – 19.

Webinars/Quiz’s

Sustainability in buildings and built environment as per NBC 2016.

Building materials in construction practice, Department of Civil Engineering, Maharaja Institute of Technology, Mysore.

Subjects Taught

- Elements of Civil Engineering & Engineering Mechanics
- Engineering Mechanics – 1 (Statics)
- Strength of Materials
- Analysis of Determinate Structures
- Theory of Structures
- Fluid Mechanics
- Hydraulics & Hydraulic Machines
- Soil Mechanics
- Design of Pre-Stressed Concrete Structures
- Design of Steel Structures
- Design of RCC Structural Elements
- Design and Drawing of RC Structures
- Design and Drawing of Steel Structures
- Design of RCC and Steel Structures
- Advanced Concrete Technology
- Reinforced Concrete Structures - 111
- Hydraulics & Hydraulic Machinery Laboratory
- Geo-technical Engineering Laboratory
- Building Planning and Drawing

Areas of Interest

- Applied Mechanics
- Solid Mechanics
- Fracture/Damage Mechanics
- Fluid Mechanics
- Engineering Materials

Educational Qualification

<u>Ph.D.</u>	Registered for Part Time Ph.D. Programme, UVCE, Bangalore University. (Completed Course Work Examination, Research work is under progress)
<u>Post-Graduation:</u>	Master of Engineering (Structural Engineering), First class with distinction from UVCE (2010-12), Bangalore (80.87%).
<u>Under-Graduation:</u>	Bachelor of Engineering (Civil Engineering), First class with distinction from MVJ College of Engineering (2005-09), Bangalore (71.15%).

Computer Knowledge

Operating Systems: MS-DOS, WINDOWS-XP, 7, 8, 10 & MS-Office tools.

Languages & Applications: C, CADD, STADD.

Project Details

Extensive survey project:

- Survey of road alignment.
- Water supply project.
- New tank project.
- Old tank project.

- **RCC design project (Final Year-BE):**
 - Design of RCC mill bent (Godown) by using STAAD.pro software.

- **Project on concrete (Final Year-ME):**
 - A study on durability parameters of SCC of partial replacement of cement & sand with rice husk ash & filtered sand.

Seminars

- Self-healing of concrete.
- Pre-Engineered Buildings.
- Self-compacting steel fibre reinforced concrete.
- Durability properties of rice husk ash concrete.

Strengths

- Self-motivated and result-oriented.
- Keen to take on new responsibilities, and put forth an extra effort to achieve objectives.

- Strong interpersonal communications skills.
- Team Player.
- Reliable, motivated, hardworking and attentive to details.

Co-curricular Activities

- Participated in Indian environment Army journal for Adventure education and centre for environment education.
- Participated in Concrete Seminars & Deminars.
- Participated in International Earthquake Disaster management programme.
- Organization Committee member for Vaastu-2015, “A National Level Technical Fest” at Sri Krishna Institute of Technology, Department of Civil Engineering.
- Organization Committee member for Vaastu-2016, “A National Level Technical Fest” at Sri Krishna Institute of Technology, Department of Civil Engineering.
- Awarded a certificate of appreciation for conducting the program ‘Technical skills enhancement program’ at Madda Walabu University, Bale Robe, Ethiopia.
- Organization Committee member for Vaastu-2018, “A National Level Technical Fest” at Sri Krishna Institute of Technology, Department of Civil Engineering.
- Organization Committee member for PARVA-2023, at BMS Evening College of Engineering.

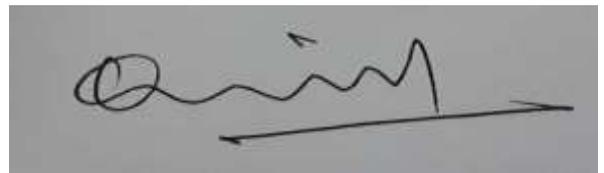
Personal Details

Name: Manjunath N K
Father’s Name: Kumaraiah.T
Date of Birth: 10/04/1988
Gender: Male
Marital Status: Married
Languages Known: English, Hindi & Kannada
Hobbies: Listening to Music, Reading Books, Swimming, Cricket & Drawing
Permanent Address: 124/A, Navile at Post, Chikkanayakanahalli Taluk, Tumakuru, Pin: 572 214, Karnataka, India

I hereby declare that the information given above is true and to the best of my Knowledge.

Place: Bangalore

Date: 28/04/2023



[MANJUNATH N K]

References:

1. **Dr. B P Annapurna**
Professor, Faculty of Engineering – Civil
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2. **Prof. Prakash T B**
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