

Curriculum vitae

Mr.Basavaraja.R

B.E(Civil), M.Tech(Structural Engg).



Objective

Intend to work in an environment that enhances my skills and motivates me to utilize my potential to the fullest extent to contribute to the Institute both individually as well as a team.

Educational Qualifications

1	M.Tech in Structural Engg from R.Y.M.E.C, Ballari (V T U, Belagavi).
2	BE in Civil Engineering, from R.Y.M.E.C, Ballari (V T U, Belagavi).

Professional Details

Total Teaching experience: 09 years

Proudhadevaraya Institute of Technology, Hosapete (Currently Working)	05 years
Rao Bahadur Y Mahabaleswarappa Engineering College, Bellary.	04 years

Subjects Handled

1. Elements of Civil Engineering and Mechanics
2. Basic Surveying
3. Basic Surveying Laboratory
4. Strength of material
5. Fluid Mechanics
6. Material testing Laboratory
7. Applied hydraulics
8. Fluid Mechanics Laboratory
9. Extensive survey project
10. Concrete and Highway material testing laboratory
11. Design of RC Structural Elements
12. Computer Aided Building Planning Drawing
13. Hydrology and Irrigation Engineering
14. Concrete Technology

Academic Projects Undertaken:

2018-19: *Effect of Bagasse Ash and Rice Husk Ash on Workability and Mechanical Properties Of M40 Grade Concrete.*

2019-20: *Experimental study of coir fibre as concrete reinforcement in cement based composites.*

2020-21: *Influence of Glass powder on the properties of Self Compacting Concrete.*

2021-22: *Application of Alumina Industry Waste in Self Curing Concrete.*

2021-22: *Experimental studies on Partially Replacement of cement by waste glass powder and manufactured sand.*

2022-23: *Study of Surface water quality in and around Hosapete.*

2023-24: *Study on Strength Properties of Concrete using Marble Dust.*

2024-25: *Plastic sand bricks by foundry sand*

Sponsored Projects :

KSCST SPONSORED PROJECT :

2019-20: *Experimental study of coir fibre as concrete reinforcement in cement based composites.*

VTU funded Project:

2021-22: *Application of Alumina Industry Waste in Self Curing Concrete.*

Academic / Research Publications

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| 1 | 2017-2018: Study on Strength Properties of High Performance Concrete using Ultra Fine Fly Ash and Nano Silica.(M.Tech)
International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056
Volume: 04 Issue: 06 June -2017 www.irjet.net p-ISSN: 2395-0072 |
| 2 | 2018: Investigation of Parameters Affecting Rotational Behavior of Cold-Formed Steel Connection.
International Journal of Applied Science Engineering and Management (IJASEM)
Vol 12, Issue 3, 2018 ISSN2454-9940 |
| 3 | Assessing The Discharge From Tropical Cyclone Impacts
Vol 12, Issue 3, 2018 ISSN2454-9940 |
| 4 | Mechanical Behavior and Stiffening Effects of Connecting a Steel Column Base Plate
Vol 13, Issue 3, 2019 ISSN2454-9940 |
| 5 | Lightweight Temporary Housing Made from a Sustainable Timber-Cork Modular System
Vol 13, Issue 3, ISSN2454-9940 |
| 6 | Find The Best Spots To Put Solar Power Plants Using Geographic Information System (Gis) Data
Vol13, Issue3, 2019 ISSN2454-9940 |
| 7 | Examining The Optimal Angle For Open Channel Junction Via Numerical Analysis
Vol13, Issue3, 2019 ISSN2454-9940 |
| 8 | Seismic Evaluation Of A Building With A Double-Unit Tunnel Form For Use With Out-Of-Plane Lateral Cyclic Loading, Vol 14, Issue3, 2020 ISSN 2454-9940 |

9	Preventing Gridlock at a Static Bottleneck via the Simulation of Sustainable Traffic Behavior Vol 14, Issue3, 2020	ISSN 2454-9940
10	Observational Studies on the Impact of Recycled Foundry Sand on the Micro-Structural Features and Strength of Concrete Vol 14, Issue3, 2020	ISSN 2454-9940
11	Environmental Friendliness Experimental Results On The Use Of Recycled Plastic Bottles In Voided Concrete Vol 15, Issue3, 2021	ISSN 2454-9940
12	Analysis and Design of Multi Storied Building for Vertical and Horizontal Vol 15, Issue3, 2021	ISSN 2454-9940
13	A Pull-Up Capacity Model Test For Folding Ground Anchors In Cohesive Soil IJMMSA, Vol 14, Issue 3, 2022	ISSN 0973-8355
14	Analysis and Design of G+6 Building in different seismic zones of India Vol 14, Issue 3, 2022	ISSN 0973-8355
15	Composite Column Behavior Load Soil Reinforced By Concrete Stone Column An Experimental And Numerical Study Vol 14, Issue 3, 2022	ISSN 0973-8355
16	Dynamic analysis of building for different shapes Vol 14, Issue 3, 2022	ISSN 0973-8355
17	Dynamic analysis of Residential Building in Zone2 and zone5 Vol 14, Issue 3, 2022	ISSN 0973-8355
18	Macro Synthetic Fibers' Effect on Reinforced Concrete Slabs' Flexural Behavior in the Presence of Openings Vol 15, Issue 3, 2023	ISSN 0973-8355
19	Non Lineartime History Analysis Of Tall Structure For Seismic Load Using Damper Vol 15, Issue 3, 2023	ISSN 0973-8355
20	Probability Methods for Assessing the Scour Level of Bridge Piers Vol 15, Issue 3, 2023	ISSN 0973-8355

Textbook Published:

1	Title: Advanced Concrete Technology Publication : SCICRAFTHUB ISBN 978-81-976997-6-4 Year: 2024
2	Title: New Developments in Construction materials and Civil Engineering
3	Title: Engineers Doing Surveys
4	Title: Design Manual for Bridges and Other Structures

Resource Person:

1	Participated in Central Govt Schemes as Resource Person Resource Person in Taluk LEVEL Training program for PDO'S, VWSC Members and Waterman under Central Govt Scheme "Jal Jeevan Mission" from 16-03-2023 to 20-03-2023 and 02-01-2024 to 08-01-2024.
2	Resource Person in Three days Workshop on "Surveying with Total Station- Hands on practice" at RYMEC Bellary from 6th to 8th of April 2017.

3	Resource Person in the Five days SDP organized by Civil Engineering Dept PDIT & Delivered technical talk on “Pipe Fittings in Plumbing System” on 30th March 2023.
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Workshops / Seminars / Conference attended	
1	Three days workshop on “Geotechnical Investigation for Structural Engineering” from 31 st March to 2 nd April 2016 at RYMEC, Bellary.
2	National conference on “ICT Empowered Teaching, Learning and Evaluation (NCICT-2016)” organized by SSBN College Ananthapuramu on 16 th and 17 th December 2016.
3	Two days workshop on “Solid Waste and Waste Water Management in Urban and Rural India – Present Scenario and Challenges” on 26 th and 27 th August 2016
4	Three days Workshop on “Surveying with Total Station- Hands on practice” at RYMEC Bellary from 6 th to 8 th of April 2017
5	Five days Faculty Development Programme on at RYMEC, Bellary from 27 th July 2017 & 2 nd August to 5 th August 2017.
6	Four days Faculty Development Programme on “Analysis and Design of RC Structures Using CYPE and ETABS” at RYMEC, Bellary from 30 th July to 2 nd August 2018.
7	Webinar on “ Innovations and Sustainability through Construction materials” At K.D.K. College of Engineering, Nagpur on 14 th May 2020
8	3 days FDP on “Recent Advancements in Civil Engineering” At Anantha Lakshmi Institute of Technology and Sciences, Ananthapuramu from 21 st to 23 rd May 2020
9	One week FDP on “Global Trends in Civil & Infrastructural Engineering” at Institute of Aeronautical Engineering, Dundigal, Hyderabad From 26 th to 30 th May 2020
10	Webinar on “Infrastructure Planning- An A. I. Approach” at K. D. K. College of Engineering, Nagpur, Department of Civil Engineering on 30 th May 2020.
11	Webinar on “Earthquake Resistant Design of Buildings” at K.D.K. College of Engineering, Nagpur on 2 nd June 2020
12	INTERNATIONAL WEBINAR SERIES in “CIVIL ENGINEERING” In Association With ALL ABOUT STRUCTURAL ANALYSIS AND DESIGN from 02/06/2020 to 10/06/2020.
13	Webinar on “Climate change and sustainability” at Vidyavardhaka College of Engineering, Mysuru on 4 th June 2020
14	Webinar on “Environmental and Sustainable Development” on 5 th June 2020
15	One week FDP on “Research proposal writing and opportunities in the field of science, engineering and management” organized by BIT, Bangalore from 6 th July 2020 to 11 th July 2020
16	3 days Faculty Development Program on – “Research Areas and Funding Opportunities” At Dr.N.G.P. Institute of Technology, Coimbatore on 01/07/2021 to 03/07/2021
17	3 days Faculty Development Program on – “Geotechnical engineering practices and its sustainable development” at BITM, Ballari fom 26/05/2022 to 28/05/2022.
18	Five Days Faculty Development Programmee on “Advanced Excel for Data Management” organized by the Department of Master of Business & Admistration, Proudhadivaraya Institute of Technology, Hosapete from 16-10-2022 to 20-10-2022

19	Five Days Faculty Development Programme on “ IT Tools for Office Automation ” organized by the Department of Mechanical Engineering, Proudhadivaraya Institute of Technology, Hosapete from 27/03/2023 to 31/03/2023.
20	5 days Faculty Development Program on – “ 2nd series of advancements In concrete technology ” at BITM, Ballari from 02 nd to 07 th NOVEMBER, 2023
	“ One Day Workshop for College Coordinators On AICTE Activity Points ” on 23/11/2024, organized by VTU Belagavi in association with Youth for Seva at SKIT Bengaluru.

Responsibilities :

College level responsibilities handled:

- **NSS Programme Officer.**
- **College AICTE Activity Points Coordinator**
- **Part of NAAC Criteria-7**
- **Sinchana Cultural Committee CO-Convenor.**
- **Fire and Safety and other civil works** are carried out.
- **Part of College Prospectus 2023** (Representative from Dept)
- **Represented PDIT in state level Education Conclave at Kalaburagi** organised by **VTU in association with News 1st Kannada channel** on 6th and 7th August 2022.

Department level responsibilities handled:

- Worked as **Camp officer** of Extensive Survey project.
- Worked as **Result Analysis Coordinator** for third year.
- Worked as **AICTE Activity Points Program Coordinator**
- Worked as **LIC PowerPoint** presentation maker.
- Worked as **Field Visit** Coordinator
- Worked as **Parent-teacher meet** coordinator
- Worked as **Press and media** coordinator
- Working as **Alumni** coordinator
- Working as **Code books** coordinator for external exams/SEE.
- Working as **Lab incharge of CHMT Lab.**
- Working as **Lab incharge of Survey Lab.**
- Working as **Counsellor/Mentor** for 2022 batch
- **Guide** for Project, Technical seminar.
- **Consultancy** Coordinator

Appreciation/awards :

1	Best Red Ribbon College and Best NSS officer award received from Health and Family Welfare Department, Vijayanagara.
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Extra Curriculum Activities

Sports : Cricket, Chess
Hobbies : Listening to Music, Dance and Reading News Papers.

Personal Information:

Languages Known	English, Kannada and Telugu.
Email	Basavaraja.banavikallu@gmail.com
Contact details	Mr. Basavaraja.R Asst. Professor Department of Civil Engineering Proudhadevaraya Institute of Technology Hosapete-583225 , Vijayanagara(Dist), Karnataka Phone-No: +91 797-573-4779

ACADEMIC DETAILS:

Course	University	Aggregate	Class
M.Tech [Structural Engineering]	R.Y.M.E.C, Bellary (V T U, Belagavi).	69.67%	FC
B.E [Civil Engg]	R.Y.M.E.C, Bellary (V T U, Belagavi).	68.40%	FC
PUC	Sri Chaitanya PU college, Ballari.	67%	FC
SSLC	SBHS, Banavikallu.	81%	FC

Strength: Highly motivate, Team leading ability, Comprehensive problem solving ability, ability to deal with people diplomatically.

Declaration: I hereby declare that the above mentioned details are correct to the best of my knowledge.

Place: **Hosapete**
Date:

Yours faithfully
Basavaraja.R