

BASANAGOUDA PATIL`Email: basu.g.16@gmail.com

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Career Objective:

- Strong desire to be part of a progressive organization that allows me to effectively use my knowledge and technical skills and be part of a dynamic team that works towards overall growth of the organization.
- Self-motivator, quick learner and interested to work on various kinds of technologies and adaptable to new and challenging team environment.

Qualifications:

Degree and Date	Institute	Major and Specialization	CGPA
MTech. in Structural Engineering June 2017	KLSGIT Belagavi	Structural Engineering	8.93(81.8%)

Degree and Date	Institute	Major and Specialization	CGPA
Bachelor of Engineering (B.E.) June 2014	BVB College of Engineering and Technology, Hubli	Civil Engineering	8.96(82.10%)

Pre-University:

Examination Passed	Board	Institution	Year Of Passing	% of Marks
12th	Karnataka Pre-University Education	H S K Science PU College, Hubli	2010	79.16
10th	Karnataka Secondary Education Examination	NREM School, Hubli.	2008	79.52

Professional Experience:

- Currently working as **Assistant Professor in KLE Technological University** at Hubballi since June 2017.

Responsibilities: Teaching learning, Research in the area of earthquake Engineering and Structural Dynamics and involved in Civil consultancy works such as, structural design and detailing of various Civil Engineering structures, Proof checking of structural design and conducting Non-Destructive testing.

- Worked in **PURAVANKARA PROJECTS** Bangalore from August 2014 as a Trainee Engineer in Technical section (Execution).

Responsibilities: Studying drawings, doing BBS. Sub-contractor bills, Daily progress reports, Quantity calculation, supervising site activities, Labour maintenance, coordinating with site supervisors and seniors.

- Worked at **HDMC Hubballi**.

Responsibilities: Estimation of all the Projects like roads, culverts, ugd lines, public buildings which come under HDMC. And also, in e-Tendering department.

Technology Summary:

Below is a list of important software /tools and subjects that I have worked on.

Software	<ul style="list-style-type: none"> -AutoCAD -REVIT ARCH -STAAD-PRO -SAP 2000 -ABAQUS
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Academic Projects:

The details of the various Projects, Assignments/ Paper Submitted.

Publications:

1. Published a paper titled " Mitigation of seismic pounding observed in adjacent buildings with fluid viscous damper" at the 10th International Conference on Civil Engineering Trends and Challenges for sustainability (CTCS 2020).

Status: Accepted by the SPRINGER and published as a book chapter in the Scopus indexed SPRINGER book "*Sustainability Trends and Challenges in Civil Engineering*"
DOI: https://doi.org/10.1007/978-981-16-2826-9_45

Project 1: MTech. Project

Project Title	Comparative Study of High-Rise Buildings Using Light Weight Infill Blocks and Conventional Bricks.
Description	With the developments in the construction industry the requirement of building materials has increased. So, we need to use the alternate building materials which consume lesser energy and give more strength. In this study the effect of conventional bricks and light weight blocks is studied on the various structures such as G+10, G+15 and G+20 and are analyzed using STAAD Pro software. Earthquake analysis has been carried out using Equivalent static method and Response spectrum method. The various parameters such as Base shear, BM and SF in a beam, axial forces in a column, Lateral load and Lateral displacements are compared. And the percentage reduction is obtained for each of these parameters. It was found that light weight blocks can basically be used to replace conventional burnt clay brick infill material in RC structure

Paper Title	Published a paper titled ' Comparative Study of High-Rise Buildings Using Light Weight Infill Blocks and Conventional Bricks '. On IJSRD.
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Project 2: BE Project

Project Title	Adsorption of Heavy Metal by Black Cotton Soil
Description	Hubli-Dharwad is a fast-developing region therefore the MSW produced will increase considerably. Currently there is no definite method of disposal of MSW, it is dumped in low lying areas in the outskirts of the city without proper treatment. Hence there is a need for an engineered landfill site for the disposal. So, we did this project by taking Black cotton soil as a liner material and chromium solution as a heavy metal leachate in order to study the adsorption capacity of BC soil and to check whether this soil can be suitably used as a liner material in Engineered landfill.

Extra Curricular Activities:

- Secured scholarship from Dharmasthala Gramabhiruddi Yojana.
- Worked as volunteer in college activities.
- Active member of department committee.

Personal Details:

Date of Birth	01 June 1992
Nationality	Indian
Languages known	English, Hindi, Kannada
Contact Address	S/O I Y PATIL, BASANAGOUDA PATIL, H.NO 115, RENUKANAGAR, BHAIRIDEVARAKOPPA, HUBLI-580025 PH: 8861665632

DECLARATION:

I hereby declare that the above-furnished information is true to the best of my knowledge and belief and I bear the responsibility for the correctness of the above-mentioned particulars

PLACE: Hubli

DATE:

(BASANAGOUDA PATIL)