

**DEEPAK KUMAR. S**

**JSS Science and Technology University, Mysore (B.E)**

**Indian Institute of Technology, Chennai (M.Tech)**

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**OBJECTIVE**

To secure a responsible career opportunity to fully utilize my knowledge and skills, while making a significant contribution to the success of the institution.

**EDUCATIONAL QUALIFICATION**

Programme	Institution / Governing body	Marks / CGPA	Year
M.Tech in Building Technology and Construction Management	Indian Institute of Technology, Madras	<a href="#">8.2</a>	2020
B.E in Civil Engineering	SJCE, Mysore	<a href="#">9.86</a>	2017
XII	Department of Pre-University Education, Karnataka	<a href="#">95.5%</a>	2013
X	Karnataka Secondary Education Examination Board	<a href="#">96.32%</a>	2011

**SCHOLASTIC ACHIEVEMENTS**

- 1) Obtained [95.5%](#) in class XII and [96.32%](#) in class X
- 2) Obtained [second rank](#) in B.E (Civil) from Sri Jayachamarajendra College of Engineering under Visvesvaraya Technological University and felicitated by [Builders association](#)
- 3) Awarded with [Ratnamma Ananthachar memorial endowment medal](#) for having secured highest CGPA in B.E(civil)

**COURSE WORKS**

CONSTRUCTION MANAGEMENT	BUILDING TECHNOLOGY	LABS
<ul style="list-style-type: none"><li>● Construction Contracts and Specifications</li><li>● Construction Planning &amp; Control</li><li>● Construction Economics &amp; Finance</li><li>● Infrastructure Planning &amp; Management</li></ul>	<ul style="list-style-type: none"><li>● Advanced Concrete Technology</li><li>● Modern Construction Materials</li><li>● Building Services</li><li>● Maintenance &amp; Repair of Constructed Facilities</li></ul>	<ul style="list-style-type: none"><li>● Construction Software</li><li>● Construction Materials</li><li>● Building Sciences</li></ul> <b>OTHER COURSES</b> <ul style="list-style-type: none"><li>● Underground space technology</li><li>● Strategies for professional growth</li></ul>

**SKILLS**

- 1) Softwares: Autodesk Revit, AutoCAD, LumenRT, Microsoft Office, Synchro Pro, STAAD Pro
- 2) Programming languages: Visual Basic
- 3) Languages known: Kannada, English, Hindi

## **KEY PROJECTS**

- 1) **BIM Execution Plan for New Academic Complex, IIT Madras**  
*Construction Software Lab - CE5100* **Jan-May 2019**
  - Created REVIT model of New Academic Complex, IITM
  - Performed 4D & 5D simulation of Building Information Model (BIM) using SynchroPro
  - Performed Clash detection using Navigator software
  - Prepared a detailed execution plan for the building
- 2) **Maintenance and Rehabilitation of Himalaya Mess Building, IIT Madras**  
*Maintenance and Rehabilitation of Constructed Facilities – CE5120* **Jul-Nov 2018**
  - Identified various types of damages and probable causes for them in the Himalaya mess building
  - Suggested the best suited repair material and the corresponding repair method
  - Prepared Tender document for bidding for Maintenance and Rehabilitation
- 3) **Seismic Performance of Liquefiable Ground, Mysuru**  
*B.E Project* **2017**
  - Project done on “[Evaluation of seismic performance of liquefiable ground](#)” and determined the value of Safe bearing capacity of soil for various ground conditions using SPT N value using Excel programs under Dr.S.K. Prasad
- 4) **Collapse behavior in Unsaturated soil, IITM**  
*Summer Fellowship, IITM* **May-Jul 2016**
  - During [Summer Fellowship Programme](#) 2016 carried out a Project on “Collapse behavior in Unsaturated Soil” under the guidance of Dr.T.Thyagaraj from 17th May 2016 to 15 July 2016 at IIT, Madras
- 5) **Development of Heat models for mass concrete, IITM**  
*M Tech. project* **2020**
  - Project on “Development of Heat models for mass concrete” using adiabatic calorimetry under Prof. Manu Santhanam for binders available in India and also developing monographs for heat generation for various binders

## **WORKSHOPS ATTENDED**

- 1) Participated in seminar on “[Cathodic Protection of Concrete Structures](#)” conducted by Vector corrosion technologies held at IIT Madras on 4<sup>th</sup> October 2018
- 2) Participated in the one day National workshop on “[Recent advances in Geotechnics for Infrastructure RAGI – 2017](#)” held at the National Institute of Engineering, Mysuru on 25<sup>th</sup> March, 2017

## **POSITIONS OF RESPONSIBILITY**

- 1) Teaching assistant in Departmental Computer Facility under Prof. Benny Raphael at IITM
- 2) Teaching assistant under Prof. Manu Santhanam and Prof. Radhakrishna Pillai at IITM
- 3) Working as Senior Engineer at DIAL project in L&T Construction from 2020

## **CO-CURRICULARS & EXTRA CURRICULARS**

- 1) [Actively participated in various college technical fests in Mysuru](#) and won prizes.