

# KAUSHIK BHATTACHARJEE

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## Career Objective

Seeking a position to utilize my skills and abilities to the optimum in the technical field that offers professional growth while being resourceful, innovative & flexible.

## Academic Qualifications

Degree/Course	College/University	Year of Passing	Grade Point/ Percentage
<b>PhD</b> (Building Technology and Construction Management)	Indian Institute of Technology Madras	Joined August 2020	
<b>M. Tech</b> (Construction Technology and Management)	National Institute of Technology Karnataka, Surathkal	2017	9.05
<b>B. Tech</b> (Civil Engineering)	Meghnad Saha Institute of Technology/ WBUT	2013	8.01
<b>Higher Secondary</b>	Jenkins School/ West Bengal Council of HS	2009	86.7%

## M. Tech Project

Research Topic	Institute	Brief Objective
IMPLEMENTATION OF 4D & 5D MODELLING IN INDIAN CONSTRUCTION	National Institute of Technology Karnataka, Surathkal	<ul style="list-style-type: none"><li>• Feasibility Study for implementing BIM in the Indian Construction Industry</li><li>• Derive Critical Factors, which are causing Problem in Implementation of BIM in Indian Construction Industry</li><li>• Build a 3D Model by using Autodesk Revit (Case Study).</li><li>• Learn to implement 4D and 5D modelling on that 3D model.</li></ul>

### ***Academic Work Experience***

<b>Organization</b>	<b>Duration</b>	<b>Responsibilities/ Project scope</b>
<p>RICS India PVT. LTD.</p> <p>RICS School of Built Environment, Mumbai.</p>	<p>June 2018 To August 2020</p>	<p>Worked as <b>Assistant Professor</b></p> <p><b>Major responsibilities:</b></p> <ul style="list-style-type: none"><li>• Initiate and develop high-quality subjects and related materials of MBA in knowledge areas of Construction Management, Quality Management, Lean Construction, BIM, and Contract Practice &amp; Administration.</li><li>• Successfully prepare and deliver lectures and seminars at undergraduate and graduate levels.</li><li>• Assisting <b>DIRECTOR</b> in Strategic planning and direction of the school.</li><li>• Supervise student research projects as required.</li><li>• Counselling and mentoring of students for proper Guidance</li></ul>

### ***Professional Work Experience***

<b>Organization</b>	<b>Duration</b>	<b>Responsibilities/ Project scope</b>
<p>Larsen &amp; Toubro Ltd.</p>	<p>July 2017 To April 2018</p>	
<p>Larsen &amp; Toubro Ltd. (ECC Division)</p> <p>Client: AP Housing Board, Andhra Pradesh</p> <p>Project: APTIDCO Project</p> <p>Place: Tadepalligudem, Bhiambharam, Palakollu (India)</p> <p>Project Value: INR 1267 crores</p>		<p>Worked as <b>Assistant Construction Manager (Central 4D &amp; 5D BIM and Progress Coordinator)</b></p> <p><b>Major responsibilities:</b></p> <ul style="list-style-type: none"><li>• Scheduling &amp; Monitoring of Three Project Sites through BIM.</li><li>• Implement 4D BIM for Real-time Monitoring.</li><li>• Cost and Progress monitoring all three projects as a part of “Task Force Leaders” team.</li></ul>

<p>Larsen &amp; Toubro Ltd. (ECC Division) Client: Incline Realty Private Limited Project: Sky City Place: Mumbai (India) Project Value: INR 1341 crores</p>		<p>Worked as <b>Assistant Construction Manager (NTA In-charge)</b> <b>Major responsibilities</b></p> <ul style="list-style-type: none"> <li>• Planning, Procurement, and Execution of the Non-Tower Area (Tower Footprint) of approx. 20 Lakhs sqft area as an Acting Project Manager.</li> <li>• Contract Administration</li> <li>• Claims Initiation as per scope and work.</li> <li>• Preparation &amp; Development of Risk Assessments.</li> <li>• Preparation of Method Statement for every critical job.</li> <li>• Preparation of Weekly &amp; Monthly Cost &amp; Progress reports to Client &amp; Senior Management.</li> </ul>
<p>Larsen &amp; Toubro Ltd. (ECC Division) Client: Omkar Realtors &amp; Developers Pvt. Ltd. Project: Omkar Sales Project Place: Mumbai (India) Project Value: INR 821 crores</p>	<p>July 2013 To July 2015</p>	<p>Worked as <b>Senior Engineer (Core wall In-charge; Project Coordinator)</b> <b>Major responsibilities</b></p> <ul style="list-style-type: none"> <li>• Planning &amp; scheduling of the project.</li> <li>• Execution of Core wall of a 287m tower.</li> <li>• To ensure all works are executed as per approved drawings and specification, quality and safety norms &amp; schedule by coordinating the whole project activities.</li> <li>• Check the quality of the structures for finalizing the snag list.</li> <li>• Assisting the sub-ordinates from time to time in execution of the project as per the set guidelines.</li> <li>• Prepare Joint Measurement Record for extra contractual activities.</li> <li>• Co-ordinate &amp; Assist Q.S. in producing Claims &amp; initiates negotiations with the client.</li> <li>• Project Communication with Clients &amp; Sub-contractors.</li> </ul>

<b>Project Supervisory Experience :</b>		
<b>No of projects</b>	<b>Level</b>	<b>Institution</b>
1	Under Graduation	National Institute of Technology Karnataka, Surathkal
25	Post-Graduation	RICS SBE Mumbai

<b>Membership of Professional Organisations:</b>		
<b>Organisation</b>	<b>Member Grade</b>	<b>Dates</b>
Royal Institute of Chartered Surveyor	RICS Trainee Member	18 – 02 – 2019
The Institution of Engineers (India)	Associate Member	31 – 03 – 2019
International Association for Automation and Robotics in Construction	Personal Member	23 – 10 – 2020

<b>Paper Published:</b>		
<b>Title</b>	<b>Journal</b>	<b>Date</b>
Comparison between all major project management methodologies to propose a standard framework for Indian construction	International Journal for Science and Advance Research In Technology	June 2020
Innovative ideas for monitoring and controlling of productivity of labour and plant	International Journal for Science and Advance Research In Technology	June 2020
Cost-benefit analysis of BIM implementation into off-site construction	International Journal for Science and Advance Research In Technology	June 2020

### ***Vocational Training***

- Did Vocational Training on River Bridge Construction using RMC piles at Tantia Construction at River Matla, Canning West Bengal.
- Did Vocational Training on Building Design (R.C.C & Steel) using NBC at Central Public Service Commission (CPWD)
- Did Summer Internship on ‘Implementation of 4D&5D Building Information Modelling (BIM)’ at Apollo Proton Therapy Hospital, Chennai under Larsen & Toubro ECC.

### ***Software Training***

- Certification course on Cost X Software
- Certification course on Primavera P6.

### *Skill Set*

Proficient in

- Revit
- MS Project
- Navisworks
- Cost X
- AutoCAD
- Primavera P6
- MS Office 365

### *Achievements*

- Have won the ‘**ACCE-NIRMANA NIRVAHANE PURASKARA 2017**’ (“Best Thesis Award” for M. Tech in Construction Technology & Management throughout the Engineering Colleges of Karnataka)
- Participated in “Design of an Elegant Railway Platform Shelter” under the Institute of Steel Development & Growth (INSDAG) in 2012 and became Zonal Runner up.
- Got Best Assignment Award for “Commercialization of Indian Railways” – An intra-college Business Development Paper at NITK.
- Has Achieved **100 Hours Cycle** for Core wall using Doka SCP 400.
- Has achieved **4 days Floor to Floor Cycle** of Residential Slab using Doka Deck System.
- Has Achieved **6 RCC floors** (2800 SQM Shuttering, 120 MT steel and 530 Cum Concrete per floor) in **one single Month** (March 15’) using Doka SCP 400.
- Have completed **225 meters** (Up to L60 floors i.e. 13 Podiums, 2 Amenities, 7 Mechanical/Firebreak, and 41 Typical) in **17 months**.

### *Personal Details*

Date of Birth	:	28.08.1991
Marital Status	:	Married
Sex	:	Male
Nationality	:	Indian
Languages Known	:	English, Bengali, and Hindi
Hobbies	:	Listening to music, Reading books, Sports
Passport No	:	L2034187
Permanent Address	:	Ramendrabhavan, Dharmatala, S.J. Road, Cooch Behar, West Bengal, Pin – 736101.
Recommender	:	Dr. Rajasekaran C, Assistant Professor, National Institute of Technology Karnataka, Surathkal. Email: <a href="mailto:bcrajasekaran@nitk.edu.in">bcrajasekaran@nitk.edu.in</a> , Mobile: +91 9449377540

### *Declaration*

I hereby declare that all the above-furnished information is true to the best of my knowledge.

Signature: **Kaushik Bhattacharjee**