

KAUSHIK BHATTACHARJEE

Doctoral Research Scholar
Building Technology & Construction Management (BTCM) Division
Department of Civil Engineering
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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.

EDUCATION

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

RESEARCH INTERESTS

- Building Information Modelling
- Lean Construction
- Contracts Management
- Occupational Health and Safety
- Risk Management

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)
- Got Best Assignment Award for “Commercialization of Indian Railways” – An intra-college Business Development Paper at NITK.

- Participated in “Design of an Elegant Railway Platform Shelter” under the Institute of Steel Development & Growth (INSDAG) in 2012 and became Zonal Runner up.
- Best research project award in M. Tech, National Institute of Technology Karnataka, Surathkal (2017).
- 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** (13 Podiums, 2 Amenities Floors, 7 Mechanical/Firebreak, and 41 Typical) **in 17 months**.
- Active reviewer for National and International journals.

ACADEMIC WORK EXPERIENCE

Organization	Duration	Responsibilities/ Project scope
Indian Institute of Technology Madras, India	August 2020 - Present	Half Time Research assistant
RICS India PVT. LTD. RICS School of Built Environment, Mumbai.	June 2018 To August 2020	<p>Assistant Professor</p> <p>Major responsibilities:</p> <ul style="list-style-type: none"> • 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 & Administration. • Successfully prepare and deliver lectures and seminars at undergraduate and graduate levels. • Assisting DIRECTOR in Strategic planning and direction of the school. • Supervise student research projects as required.

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

PROFESSIONAL WORK EXPERIENCE

Organization	Duration	Responsibilities/ Project scope
<p>Larsen & 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>July 2017 To April 2018</p>	<p>Assistant Construction Manager (Central 4D & 5D BIM and Progress Coordinator)</p> <p>Major responsibilities:</p> <ul style="list-style-type: none"> • Scheduling & Monitoring of Three Project Sites through BIM. • Implement 4D BIM for Real-time Monitoring. • Cost and Progress monitoring all three projects as a part of “Task Force Leader” team.
<p>Larsen & Toubro Ltd. (ECC Division)</p> <p>Client: Incline Realty Private Limited</p> <p>Project: Sky City</p> <p>Place: Mumbai (India)</p> <p>Project Value: INR 1341 crores</p>		<p>Assistant Construction Manager (NTA In-charge)</p> <p>Major responsibilities</p> <ul style="list-style-type: none"> • Planning, Procurement, and Execution of the Non-Tower Area (Tower Footprint) of approx. 20 Lakhs sqft area as an Acting Project Manager. • Contract Administration • Claims Initiation as per scope and work. • Preparation & Development of Risk Assessments. • Preparation of Method Statement for every critical job. • Preparation of Weekly & Monthly Cost & Progress reports to Client & Senior Management.

<p>Larsen & Toubro Ltd. (ECC Division) Client: Omkar Realtors & Developers Pvt. Ltd. Project: Omkar Sales Project Place: Mumbai (India) Project Value: INR 821 crores</p>	<p>July 2013 To July 2015</p>	<p>Senior Engineer (Core wall In-charge; Project Coordinator)</p> <p>Major responsibilities</p> <ul style="list-style-type: none"> • Planning & scheduling of the project. • Execution of Core wall of a 287m tower. • To ensure all works are executed as per approved drawings and specification, quality and safety norms & schedule by coordinating the whole project activities. • Check the quality of the structures for finalizing the snag list. • Co-ordinate & Assist Q.S. in producing Claims & initiates negotiations with the client.
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MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Organisation	Member Grade	Date
Royal Institution of Chartered Surveyors	RICS Trainee Member	February – 2019
The Institution of Engineers (India)	Associate Member	March – 2019
International Association for Automation and Robotics in Construction	Personal Member	October – 2020

SELECTED PUBLICATIONS

- Osho Kumar, **Kaushik Bhattacharjee**. Cost-Benefit Analysis of BIM Implementation into Off-Site Construction, Proceedings of NSRS (2019), Bangalore India.
- Mohit Thomas, **Kaushik Bhattacharjee**. Comparison Between All Major Project Methodologies to Propose A Standard Framework for Indian Construction, Proceedings of NSRS (2019), Bangalore India.
- Parth Modi, **Kaushik Bhattacharjee**. New Techniques for Monitoring and Controlling Productivity of Labour and Plants, Proceedings of NSRS (2019), Bangalore India.

INTERNSHIP

- Did Vocational Training on River Bridge Construction using RMC piles at Tantia Construction at River Matla, Canning West Bengal, 2012.
- Did Vocational Training on Building Design (R.C.C & Steel) using NBC at Central Public Service Commission (CPWD), 2013.
- Did Summer Internship on ‘Implementation of 4D&5D Building Information Modelling (BIM)’ at Apollo Proton Therapy Hospital, Chennai under Larsen & Toubro ECC, 2016.

SKILLS

- Revit, Navisworks (BIM)
- MS Project, Primavera P6 (Project Scheduling)
- AutoCAD, Cost X (Estimation & Costing)
- MS Office

PERSONAL DETAILS

Date of Birth : 28.08.1991
Sex : Male
Nationality : Indian
Languages Known : English, Bengali, and Hindi
Hobbies : Listening to music, Reading books, Sports

REFERENCES

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