



Shuvo Dip Datta

Lecturer

Research Area Goggle Scholar Profile

Reviwer (Scopus+Web of Science)

Construction Management Structural and
Materials Engineering

Biography

Shuvo Dip Datta is a Lecturer in the Department of Building Engineering and Construction Management (BECM). He joined Khulna University of Engineering and Technology (KUET) in July 2022. He completed his secondary level in 2013 and his higher secondary level in 2015. He completed his B.Sc. Eng. from the Department of Building Engineering and Construction Management (BECM), Khulna University of Engineering and Technology (KUET), Khulna-9203, Bangladesh in 2020. After graduation, he joined ACME Technology Limited as a Project Coordinator. After that, he worked with Green Axis Real Estate Limited as a Structural Engineer. He was also involved in several national projects, including Dhaleswari River Island, the Purbacal boat club, the Bangladesh Naval Academy extension work, etc. He was involved in several projects for the Bangladesh Navy. He was also serving as an Adjunct Lecturer in the Department of Civil Engineering at North Western University, Khulna, Bangladesh. Shuvo Dip Datta is a growing researcher in the field of structural and materials engineering as well as construction management. He has vast research experience in the area of destructive and non-destructive tests of recycled aggregate concrete. In addition, he has already explored the area of fiber-reinforced concrete, construction waste material assessment, BIM, critical success factors, and fire safety management of a project. Currently, he is working on material sustainability assessment, low-cost concrete production, sustainable material utilization as construction materials, robotics in construction, and artificial intelligence in construction.

"Embrace each Challenge in Life as an Opportunity for Self-Transformation"

[Personal Website](#)

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[Research Gate](#)

[Scopus Id](#)

[ORCID](#)

[Web of Science](#)

Education

B.Sc. Eng. in BECM

Khulna University of Engineering and Technology, Khulna-9203, Bangladesh(2020)Group: BECM, Student Type: Regular, Merit Position: 1st, Achievement: Deans Award

HSC

Govt. Syed Hatem Ali College, Barishal, Bangladesh()Group: Science, Student Type: Regular, Achievement: Board Scholarship

SSC

Udayan High School, Barishal, Bangladesh(2013)Group: Science,Student Type:Regular,Achievement:Board Scholarship

Service Records

- **Lecturer**
Department/Section: Building Engineering and Construction Management
Khulna University of Engineering and Technology From 2022-07-17 00:00:00to1970-01-01 06:00:00
Working Area:Khulna
- **Adjunct Lecturer**
Department/Section: Civil Engineering
North Western University From 2022-02-02 00:00:00to2022-06-02 00:00:00
Working Area:Khulna
- **Structural Engineer**
Department/Section: Residential
Green Axis Real Estate Limited From 2020-12-02 00:00:00to2021-11-01 00:00:00
- **Project Co-Ordinator**
Department/Section: Residential
ACME Technologies Ltd. From 2020-01-10 00:00:00to2020-12-01 06:00:00
Working Area:Dhaka

Research Interest

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<https://scholar.google.com/citations?user=rIGADyMAAAAJ&hl=en>

Reviwer (Scopus+Web of Science)

Materials Research Express
Journal of Applied Science and Engineering (JASE)
Journal of Construction (RDLC)
International Journal of Building Pathology and Adaptation
Journal of Building Engineering
Journal of Asian Architecture and Building Engineering

Construction Management

- Building Information Modelling (BIM)
- Automation in Construction
- Data Analytics in Construction
- Green Building Technology
- Construction and Project Management
- Construction Delay Optimization
- Building Sustainability
- Pre-Construction Hazard Assessment
- Off-site Construction (OSC)
- Construction waste optimization
- Modular construction

Structural and Materials Engineering

- Construction materials
- Concrete technologies
- Recycled aggregate concrete
- Fiber-reinforced concrete
- Sustainable concrete
- 3D printed concrete
- Ultra High-performance fiber reinforced concrete
- Rheological, mechanical and durability properties of concrete

Publication

Books

1Sobuz,M. H. R. ,Datta,S. D. and Rahman,M. (2022) ," In: Arthur, S., Saitoh, M., Pal, S.K. (eds) Advances in Civil Engineering. Lecture Notes in Civil Engineering," , ISBN:978-981-16-5547-0,Springer, vol184, DOI:10.1007/978-981-16-5547-0_22