

Name of Faculty Dr. Arshad Hussain Choudhury  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 10 – 11 -2022  
 E-mail arshadhussain\_civil@cbit.ac.in



#### Education Qualifications

	Name of the Degree	Class
Ph. D	Structural Engineering	I class
PG	M. Tech (Structural Engineering)	I class (Topper)
UG	B.E. (Civil)	I class - Honours (Topper)

#### Work Experience

Teaching	1 year
Research	1 year
Industry	
Others	--

Area of Specialization Structural Engineering, rehabilitation & retrofitting of RCC structures, sustainable construction material.

#### Professional Memberships

Responsibilities held at Institution Level

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Responsibilities held at Department Level

1. 3<sup>rd</sup> year internship coordinator, CED
2. M. Tech 1<sup>st</sup> sem class teacher, CED
3. In-charge of Concrete Technology Lab, CED

#### Research Guidance

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Courses Handled at Under Graduate / Post Graduate Level.

Strength of Material Lab (UG), Engineering Mechanics (UG), Advanced Structural Analysis (PG), Advanced Solid Mechanics (PG), Modal Testing Lab (PG) and Advanced Concrete Lab (PG)

No. of Papers Published

National Journals – 0

International Journals – 6

National Conference – 1

International Conference – 0

Projects Carried out

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Patents

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Technology Transfer

**Invited Speaker** (Few Important/Prominent)

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No. of Books/Chapter Published with details

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Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.

Other Trainings (Attended and/or Organized).

1. Three-Days Training on RAPID VISUAL SCREENING OF BUILT-UP FACILITIES AT SILCHAR, National Institute of Disaster Management (NIDM) under Minister of Home Affairs, Govt. of India, New Delhi at NIT Silchar from 10<sup>th</sup> Oct to 12<sup>th</sup> Oct, 2016.
2. One Week Short Term Training Programme on ANSYS -CFD & Structural, NIT Silchar (30<sup>th</sup> May – 6<sup>th</sup> June 2016)

Details of Journal Publications/Conferences (National and International)

#### International Journal

1. Choudhury, A. H., and Laskar, A. I., (2021). "Rehabilitation of substandard beam-column joint using geopolymer." Engineering Structures, Elsevier, 238, 112241
2. Choudhury, A. H., and Laskar, A. I., (2022). "Effect of Hoop Reinforcement Yielding on the Cyclic Behavior of Beam-column Joint." Journal of Earthquake Engineering, Taylor & Francis, 26 (6), 3091–3108.
3. Choudhury, A. H., and Laskar, A. I., (2022). "Combined effect of cold joint and yielded hoop reinforcement on cyclic behaviour of seismically detailed RC beam-column joints." Structures, Elsevier, 36, 879–891.

4. Roy B, Choudhury A.H., Laskar A.I., (2022). "Post-fire performance of exterior beam-column joint made with slag based geopolymer concrete". Structures and Buildings, Proceedings of the ICE, 177 (1), 40-52
5. Choudhury A.H., Laskar A.I., (2022). "Performance of geopolymer mortar and steel fiber reinforced geopolymer mortar on rehabilitation of seismically detailed beam-column joint". Journal of Earthquake Engineering, Taylor & Francis, 27 (6), 1607-1628.
6. Choudhury A.H., Laskar A.I., (2023), " Rehabilitation of Exterior Beam-Column Joint by Geopolymer Mortar under Quasi-Static Loading", Structural Journal, American Concrete Institute, 120 (5), 49-62.

National Conferences

1. Arshad H Choudhury, A I Laskar, (2018). Rehabilitation of exterior beam column joint using geopolymer mortar, SEC 18, Proc Structural Engineering Convention, Jadavpur University, Dec 19-21, Paper no. 20180103 .

