Name: Dr. Prasenjit Saha

Designation: Assistant Professor

Branch: Civil Engineering

Educational Qualification(s):

Qualification(s)	University
B.Tech	NIT Agartala
M.Tech	NIT Silchar
PhD	NIT Silchar

Experience in years:

Academic: 3 year

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	NIT SILCHAR	Assistant Professor	01/01/2015	30/05/2015
1	Sharda University,	Assistant Professor	02/01/2020	30/04/2022

Other Information:

a) Publication details.

Publications:

InternationalJournal

1. **Prasenjit Saha,** Lakshmi Vara Prasad Meesaraganda. **(**2022). "Experimental and Numerical investigation of RC beam-column subassemblies strengthened with spiral reinforcement under seismic loading."Practice Periodical on Structural Design and Construction, ASCE**(SCOPUS)**.

2. **Prasenjit Saha,** Lakshmi Vara Prasad Meesaraganda. (2022). "The influence of α-Fe2O3 nanoparticles on the reinforced concrete beam-column joint under cyclic loading."Iranian Journal of Science and Technology, Transactions of Civil Engineering, Springer **(SCI)**Impact Factor-1.19.

3. **PrasenjitSaha,**LakshmiVaraPrasadMeesaraganda. (2019). "Experimentalinvestigationofreinforced SCC beam-column joint with rectangular spiral reinforcement under cyclic loading."Constructionand

buildingmaterials,Elsevier(**SCI**)**ImpactFactor-6.14.**

4. **Prasenjit Saha**, Prasenjit Debnath, and Paul Thomas. (2019).“Prediction of fresh and hardenedproperties of self-compacting concrete using support vector Regression approach.” NeuralComputingand Applications, Springer(**SCI**)**ImpactFactor-5.606.**

5. **Prasenjit Saha**Prasad M.L.V, and P.R.Kumar. (2017). “Predicting strength of SCC using artificialneural network and multivariable regression analysis,” Computers and Concrete, TechnoPress**(SCI)ImpactFactor-3.948.**

6. **Prasenjit Saha,** Lakshmi Vara Prasad Meesaraganda, Aminul Islam Laskar. (2016) “BehaviourofSelf-Compacting Reinforced Concrete Beams Strengthened with Hybrid Fiber Under StaticandCyclicLoading,”Int JCivEngg,Springer**(SCI)ImpactFactor-2.021.**
7. **PrasenjitSaha**PrasadM.L.V,andP.R.Kumar.(2016) “Self-compactingreinforcedconcretebeams strengthened with natural fiber under cyclic loading.” Computers and Concrete,TechnoPress **(SCI)ImpactFactor-3.948.**

8. **Prasenjit Saha,** Prasad M.L.V,(2016) “Eco-efficient Fiber Reinforced Self-Compacting Concretefor Replacements of Cement and Natural Sand with Waste Materials”, International Journal ofEarthSciences andEngineering,**(SCOPUS).**

(b) NationalConference

1. PrasadM.L.V,**PrasenjitSaha**andP.R.Kumar.Ecofriendlyfibrereinforced self-compactingconcrete using quarry rock dust and foundry. International Conference on Innovations inStructuralEngineeringIC-ISE-2015,AtHyderabab,India.