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2018 - Present:

Pursuing Ph.D. –KIIT University Bhubaneswar, Odisha. 2015 – 2017:

M. Tech – KIIT University, Bhubaneswar, Odisha. CGPA 8.45/10

2011 – 2015

B. Tech – Gargi Memorial Institute of Technology, Baruipur, Kolkata. CGPA 8.39/10

Personal details

Date of Birth: 05/06/1992

Nationality: Indian

Language known: Bengali, English, Hindi.

Marital Status: Married.

Objective

Seeking a competitive, challenging and highly professional environment where I can use my personal skills and technical attributes to achieve, implement and deliver define goals.

Mork Experience

2017 – 2018

Assistant Professor

Worked as an assistant professor for 11 months at Ideal Institute of Engineering, Kalyani, West Bengal.

Subjects undertaken

 Construction planning and Management, Concrete technology, Building material and Construction, Soil Mechanics, Environmental engineering, Concrete Laboratory.

❖ 2018 – Present

❖ Teaching Assistant

Currently working as a teaching assistant at KIIT University, Bhubaneswar, Odisha.

Subjects undertaken

✓ Material testing lab, Engineering graphics, Structural Design.



Projects Undertaken

Glass fiber reinforced geopolymer concrete (2016-17), M. Tech Project, KIIT University. Key Activities:

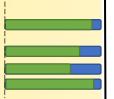
- Geopolymer Concrete.
- Fiber reinforced geopolymer concrete.
- Effect of different percentage of glass fiber addition in geopolymer concrete in terms of mechanical, durability and microstructural properties.



Pursuing PhD, Civil Engineering



AutoCAD STAAD Pro MATLAB – Simulink Design of Experiments MS Project C-Programming MS Excel





Achievements

- From KIIT University as a research scholar.
- 1 paper published in a Scopus Indexed journal.
- Excellence Award 2019.



- McNally Bharat Engineering Company Limited in G+13 multistoried building.
- Westing House Saxby Farmer Ltd., (W.B Gov) in B.R.T.S. Road Project at Garia Dhalai-Bridge to Ultadanga.

Performance of geopolymer concrete using sugarcane bagasse ash as binder (2018-Present), Ph.D. Project, KIIT University.

Key Activities:

- Fly ash replacement with sugarcane bagasse ash (SBA).
- Effect of different percentage of SBA replacement with fly ash in geopolymer concrete in terms of mechanical, durability and microstructural properties.
- Effect of Different molarity in geopolymer concrete in terms of mechanical, durability and microstructural properties.
- Prediction model for desirable compressive strength.

Conference and Research papers

- Sikder Ankita, Bera D (2016), "Bamboo as a green building material in construction industry - a review", International Conference on Recent Advances in Mechanics and Materials (ICRAMM-2016), 17-18 December 2016, VSSUT, Burla, Odisha, India.
- Sikder Ankita, Saha Dr. Purnachandra (2019), "Effect of bacteria on performance of concrete/mortar: a review", International Conference on Advances in Civil engineering (ICACE - 2019), 21-23 March 2019, K L Deemed to be University, Vijayawada, A.P., India. (Published)
- Sikder Ankita and Saha Purnachandra (2019), "Durability Properties of Geopolymer Concrete Utilizing Waste as Binder", 9th International Conference on Sustainable Waste Management towards Circular Economy 2019 (IconSWM-CE 2019), 27-30 November, KIIT Deemed to be University, Bhubaneswar, Odisha, India.
- Sikder Ankita and Ghosh Sukamal Kanta (2019) "Utilization of fly ash as a replacement of sand in concrete for sustainable construction", 9th International Conference on Sustainable Waste Management towards Circular Economy 2019 (IconSWM-CE 2019), 27-30 November, KIIT Deemed to be University, Bhubaneswar, Odisha, India.
- Sikder Ankita and Saha Purnachandra (2020), "Performance of Sugarcane Bagasse Ash in Geopolymer Concrete as Binde", International Conference on Recent Developments in Sustainable Infrastructure: Research and Practices (ICRDSI 2020), 18-21 December, KIIT Deemed to be University, Bhubaneswar, Odisha, India.
- Sikder Ankita and Saha Purnachandra (2021), "Effect of different types of Waste as Binder on Durability Properties of Geopolymer Concrete: A Review", International Conference on Community Based Research and Innovations in Civil Engineering (CBRICE-2021), 18-19 March, Manipal University Jaipur, Rajasthan, India.

I hereby declare that, the above information by me is true and correct.

Date: June 2021 Ankita Sikder