



INDIA CHAPTER



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IRF-IC'S

11TH WEBINAR

Revolution in Infrastructure Development by 3D Concrete Printing

Penetration of this revolution is insignificant so far; how to overcome the limitations and make it for routine adoption

Dr. Biranchi Panda is an early-career researcher specialized in extrusion-based 3D printing with special focus on material rheology, process modelling and optimization. His research expertise lies in the areas of development of low carbon cement-based composites using novel waste materials, machine design, computer-aided manufacturing, and process automation for construction applications. Dr. Panda received his Ph.D. from Singapore Centre for 3D Printing, Nanyang Technological University Singapore and joined IIT Guwahati to continue his research focusing on Sustainable Resources for Additive Manufacturing. Dr. Panda holds Associate Editor positions in Elsevier Additive Manufacturing Journal and ASCE Journal of Materials in Civil Engineering. He is serving Editorial board member in Nature Scientific Report, Results in Engineering, Additive Manufacturing Letters, Rapid Prototyping and Materials Circular Economy.

SPEAKER