



Mr. Sudeep Kumar Patel - M. Tech.

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Designation : Senior Assistant Professor
Department : Civil Engineering
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RESEARCH INTERESTS

- Structural Engineering
- Waste utilization
- Lightweight concrete

ACADEMIC QUALIFICATIONS

- Ph. D. (Continuing), Structural Engineering, VSSUT, Burla, Odisha, India
- M. Tech. (Structural Engineering) VSSUT, Burla, Odisha, India

Teaching/Industrial/Research Experience

- Teaching Experience – 15 years
- Research Experience – 5 years

PUBLICATIONS

JOURNALS

- [1]. H. P. Satpathy, S. K. Patel, and A. N. Nayak, Development of sustainable lightweight concrete using fly ash cenosphere and sintered fly ash aggregate. *Constr. Build. Mater.* 202, 636-655 (2019).
- [2]. S. K. Patel, R. K. Majhi, H. P. Satpathy, and A. N. Nayak, Durability and microstructural properties of lightweight concrete manufactured with fly ash cenosphere and sintered fly ash aggregate. *Constr. Build. Mater.* 226, 579-590 (2019).
- [3]. S. K. Patel, H. P. Satpathy, A. N. Nayak and C.R. Mohanty, Utilization of Fly Ash Cenosphere for Production of Sustainable Lightweight Concrete. *Journal of The Institution of Engineers (India): Series A*, 1-16 (2019).

CONFERENCE PAPERS PRESENTED

- [1]. S. K. Patel and A. N. Nayak, Study on specific compressive strength of concrete with fly ash cenosphere. International Conference on Recent Development in Sustainable Infrastructures-2019. School of Civil Engineering, KIIT Deemed to be University, Bhubaneswar, 11th – 13th July 2019.
- [2]. S. K. Patel, and A. N. Nayak, Effect of silica fume on compressive strength of concrete with fly ash cenosphere as fine aggregate. National conference on Civil Engg. & Urban Planning for sustainable development, DRIEMS Autonomous Engg. College, Cuttack, 26th – 27th February 2019.