

Sachin Paul

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ACADEMIC PROFILE:

Course	Name of Institution	Specialization	Year of Passing
PhD	IIT Madras	Building Technology and Construction Management	Currently pursuing
M-Tech	VIT University, Vellore	Structural Eng.	2011
B-tech	M.A College of Engineering, Kothamangalam, Kerala	Civil Eng.	2009

WORK EXPERIENCE:

Period	Name of Organization	Position
October 2011 to June 2016	M.A College of Engineering	Asst. Professor

RESEARCH AND ACADEMIC INTERESTS:

RESEARCH INTERESTS:	ACADEMIC INTERESTS:
▪ Concrete based repair materials	▪ Design of Concrete Structures
▪ Textile reinforced concrete	▪ Prestressed Concrete
▪ Polymer modified concrete and mortar	▪ Earthquake resistant design
▪ Light weight concrete	

POST GRADUATE AND PhD THESIS

M-Tech: Seismic study of building with roof top telecommunication towers

PhD: Mechanical and durability characterization of textile reinforced concrete

PUBLICATIONS:

- Sachin Paul and Eldhose M Manjummekudiyil (2013) Seismic study of building with roof top telecommunication towers, IJETAE, Volume 3, March 2013.
- Sachin Paul and Ganesh Babu (2014) Mechanical Properties of Light Weight Aggregate Geopolymer Concrete Using Light Weight Expanded Clay Aggregate, Transaction on Engineering and Science, Volume 2, October 2014.
- Sachin Paul and Shibil Ummer (2014) Study on properties of hybrid fibre reinforced geopolymer concrete, Transaction on Engineering and Science, Volume 2, October 2014.
- Jais John and Sachin Paul, Study On Properties Of Polymer Modified Mortars Used As Repair Materials, IJSTE, Volume 2, Issue 5, Nov 2015.
- Jatin Zia and Sachin Paul Bond Strength, Abrasion and Permeability Test On Fibre Reinforced Repair Concrete, IJERST, Volume 4, No:4, November 2016

CONFERENCES:

- Komathi Murugan , Sachin Paul and Ravindra Gettu (2020), "Effect of Reinforcement Overlap on the Tensile Behaviour of Textile Reinforced Concrete", 74th RILEM Week & 40th Cement & Concrete Science Conference, 31 Aug - 04 Sep 2020.
- Sachin Paul, Komathi Murugan, Ravindra Gettu and Dali Naidu Arnepalli (2019), "Proposed design approach for textile reinforced concrete based on ferrocement concepts", 5th National Convention FS2019 on Innovation in ferrocement, 7-9 November 2019.
- Sachin Paul, Ravindra Gettu, Dali Naidu Arnepalli (2019), "The effect of accelerated aging on polymer impregnated AR and E-glass textile reinforced concrete", EMI International conference, 3-5 July 2019, Lyon, France.

REFERENCE:

Dr. Ravindra Gettu

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and V.S. Raju Chair Professor, Department of Civil Engineering

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