Journal of Structural Engineering

Volume 49 Number 5 December 2022 - January 2023

Editors

B.H. Bharatkumar

A. Ramachandra Murthy

M.B. Anoop Saptarshi Sasmal

Contents

49-25	Determination of shear strength of high strength reinforced concrete beams: experimental and numerical approach Cherukupally Rajesh. and Garje Rajesh Kumar	321
49-26	Flexural behaviour of room-sized precast lightweight large concrete sandwich roof panels J. Prabhakar, K.N. Lakshmikandhan and K. Saravanakumar	334
49-27	Comparative study of RC and steel-concrete composite buildings by seismic fragility approach R.M. Desai and S.N. Tande	348
49-28	Durability and microstructure studies of styrene acrylate co-polymer modified ready-mix concrete V. Roopa, R.B. Dharma, M.S. Haji Sheik Mohammed and Irfan Navabshan	358
49-29	Internal damage growth in quasi-brittle fibre-reinforced cementitious materials under cyclic compressive loading R. Vidya Sagar, Dibya Jyoti Basu, K.V. Suhas Reddy, Y. Prathap, G. Bhuvaneswari and P. Sai Keerthi	373
49-30	Bridge global damage identification using vibration data J. Prawin	385
	News and Notes	405

Typeset in LATEX and printed by Sigma Publishing Services No. 3/448, Bharat Nagar, Brahmaputra Street, Moovarasampet, Chennai - 600 091. Phone: 098846 62221 Email: sigmapublishing17@gmail.com

