

Editors

B.H. Bharatkumar
A. Ramachandra Murthy

M.B. Anoop
Saptarshi Sasmal

Contents

48-27	Reinforced concrete wide beams under normal and high shear loading G. Papa Rao, D.S.R. Murty, T. Umamaheswara Rao and Y. Mounisha	329
48-28	Studies on hydration mechanism of composite cement based mortars through microstructure investigation Chandra Sekhar Karadumpa and Rathish Kumar Pancharathi	338
48-29	Nonlinear behavior and ultimate torsional capacity of cantilever steel I-girders with corrugated webs Javed Ahmad Bhat	355
48-30	Renovation technique for the promotion of the loading class of an old steel truss bridge Narayan and Krishna Kant Pathak	365
48-31	Axial compression response of foam concrete infilled light gauge profiled steel composite wall panels P. Prabha, P.S Ambily and M. Saravanan	375
48-T4	Performance evaluation of multilayered piezoelectric beam Mohammed Aslam, Praveen Nagarajan and Mini Remanan	382
48-SC	Observations on the characteristics of acoustic emissions generated during unconfined uniaxial compression of ultra high performance concrete Kashif Naukhez, J.M. Chandra Kishen and R. Vidya Sagar	393
	News and Notes	404

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

ISSN 0970013-7



9 770970 013003