

Editors

Nagesh R. Iyer
N. Gopalakrishnan

K. Balaji Rao
B.H. Bharatkumar

Contents

40-52 Study on fibre reinforced concrete using manufactured sand as fine aggregate and domestic waste plastics as fibres R. Kandasamy and R. Murugesan	521
40-53 New approach to improve the distortional strength of intermediate length cold formed steel rack columns M. Anbarasu, S. Bharath Kumar and S. Sukumar	528
40-54 Mean fatigue lives of steel fibrous concrete containing blends of limestone powder, metakaolin and silica fume G. Kaur, S.P. Singh and S.K. Kaushik	537
40-55 A Simplified method for calculating warping constant for lipped I-beam with Trapezoidal corrugation in web G. Arun Kumar and S. Sukumar	546
40-56 Effect of NaOH concentration and molar ratios on strength development in geopolymmer mortars S. Sundar Kumar, G. Ramesh, S.A. Jaffer Sathik and B.H. Bharatkumar	558
40-57 Design of R.C. bored cast in-situ pile foundation under seismic liquefaction- A review of Indian codes Pronoy Roy Chowdhury	565
40-58 Performance evaluation of passive control device for efficient steel space structures K.N. Lakshmkandhan, P. Sivakumar, R. Ravichandran and R. Senthil	579
40-59 Thermal vibration of composites and sandwich plates using simple higher order shear deformation theory S.K. Singh and A. Chakrabarti	588
40-T9 Experimental investigations on properties of polypropylene fibre reinforced geopolymers concrete composites K. Vijai, R. Kumutha and B.G.V. Ishnuram	597
40-T10 Theoretical modelling of the confinement effect on concrete with fiber reinforced polymer (FRP) V. Ponmalar, K. Ganesh Babu and Ravindra Gettu	605
News and Notes	613

Typeset in LATEX and printed by

Sigma Publishing Services

No. 1018, 3rd Main Road, State Bank Colony
Nanganallur, Chennai - 600 061.
Phone: 044-65151910
Email: sigmapublishing@gmail.com

ISSN 0970013 7



9 770970 013003