## **Table of Contents**

Effect of Treatment and Incineration Temperature on Extraction of Silica from Rice Husk for Cement Replacement in Concrete	
N.I. Azlan, S.A. Farhan, M.M.A. Wahab, N. Husna, N.A.M. Hamka and S.N. Abd Razak	1
Compressive and Splitting Tensile Strengths of Coconut-Coir-Fibre-Reinforced Concrete:	
Effect of Fibre Volume A.I. Jaleel Faiyaz Ahmed, M.M.A. Wahab, S.A. Farhan, S.N. Abd Razak and N. Husna	9
Polynapthalene Sulfonate Superplasticizer for Oil well Cementing: Effect on Compressive Strength	
N.N. Žulkarnain, A.I.A. Hamid, N. Shafiq, N. Kamizan and M.F. Habarudin	15
Geopolymer-Concrete-Based Eco-Friendly and Fire-Resistant Concrete Structures: Effect of Exposure to High Temperature at Varying Heating Duration S.N. Abd Razak, N. Shafiq, L. Guillaumat, S.A. Farhan and V.K. Lohana	23
Effect of Polyethylene Terephthalate (PET) in Development of Green Roller Compacted	
Concrete M.H. Yaseen, S.F.S. Hashim, E.T. Dawood and M.A. Megat Johari	31
Graphene-Enhanced Cement Mortar as a Repair Material for Concrete: Effect on Compressive Strength	
Y.S. Lim, S.A. Farhan, N. Shafiq, F.I. Ismail and N. Husna	41
Sugarcane-Bagasse-Fibre-Reinforced Concrete: Evaluation of Compressive and Splitting Tensile Strengths	
S.A. Farhan, M.M.A. Wahab, N.H. Shokib, A.I. Jaleel Faiyaz Ahmed, N. Husna, S.N. Abd Razak and N. Shafiq	49
Extraction of Silica from Sugarcane Bagasse Ash for Cement Replacement in Concrete: Effect of Treatment and Burning Temperature	
N.A.M. Hamka, N. Husna, S.A. Farhan, M.M.A. Wahab, N.I. Azlan, N. Shafiq and S.N. Abd Razak	55
The Use of Silica Fume, Coated Expanded Polystyrene Beads and Powder Free Latex Glove in Fabricating the Hollow Concrete Blocks	
M.A.B. Mohd Snin, I.B. Johari, N.A. Nordin, N.N. Aznan and N.A.M. Yazid	63
Bond Stress Capacity of Steel Reinforcing Bars Embedded in Graphene-Enhanced High- Performance Concrete	
F.I. Ismail, N. Husna, S.A. Farhan, N. Shafiq and E. Ateya	79