



MATERIALS ENGINEERING

MASc Theses

Current as of May 2007

YEAR	THESIS TITLE	AUTHOR	SUPERVISOR(S)
2007	Structural health monitoring and its application to a bridge with sprayed fibre reinforced polymer repair	Lin, Tzu-Yin (Tiffany)	N. Banthia & A. Mufti
2006	Permeability of Fiber Reinforced Concrete under Stress	Bhargava, A.	N. Banthia
2006	Durability of Spray Applied Glass Reinforced Polymers Externally Applied to Concrete Subjected to a Simulated Marine Environment	Dolan, K. R.	N. Banthia
2005	Permeability and Durability of High Volume Fly Ash Concrete under an Applied Compressive Stress	Biparva, A.	N. Banthia
2005	Carbon-fiber Reinforced Cement Based Sensors	Chacko, R. M.	N. Banthia
2004	Experimental & Finite Element Analysis of a Damaged RC Bridge Strengthened with GFRP	Mortazavi, S. R.	N. Banthia
2003	Fracture Toughness of Hybrid Fiber Reinforced Self-Compacting Concrete	Majdzadeh, F.	N. Banthia
2003	Exposure Based Durability of FRP Strengthened Concrete	McKay Johnson, M.	N. Banthia
2003	Properties of Fiber Reinforced Concrete with Latex Modification	Xu, H.	S. Mindess
2002	Hybrid Fiber Reinforced Concrete: Fiber Synergy in Very High Strength Concrete	Gupta, R.	N. Banthia
2002	Flexural Response of Hybrid Fiber Reinforced Cementitious Composites	Soleimani, S. M.	N. Banthia
1999	Plastic Shrinkage Cracking in Dry Mix Shotcrete	Campbell, K.	N. Banthia
1998	HRM in Dry-Mix Shotcrete	Bindiganaville, V.	N. Banthia
1998	Recycled Aggregate in Shotcrete and Concrete	Chan, C.	N. Banthia
1998	Impact Resistance of Fiber Reinforced Shotcrete	P. Gupta	N. Banthia
1996	Shrinkage Cracking in Shotcrete	Campbell, K.	N. Banthia