

Ph.D. Students of Dr. Baldev Raj

Name of Student	Guide/Co-Guide	Title of Thesis		Year
M.T. Shyamsunder	Dr. Baldev Raj/ Prof. K.K. Ray	Detection and characterization of defects by eddy current testing using pattern recognition approaches	Indian Institute of Technology, Kharagpur	1999
V. Moorthy	Dr. Baldev Raj /Prof. B.P. Kashyap	Characterization of micro-structural evolution in ferromagnetic steels using micromagnetic parameters	Indian Institute of Technology, Kharagpur	2000
S. Murugan	Dr. Baldev Raj/Prof. M.S.C. Bose	Studies on temperature distribution and residual stresses in low carbon steel and AISI type 304 stainless steel plates due to manual metal arc welding	Indian Institute of Technology Bombay, Mumbai	2000
P. Shankar	Prof. S. Ranganathan/Dr. Baldev Raj	Thermal ageing effects in nuclear grade 316LN austenitic stainless steel	Indian Institute of Science, Bangalore	2001
C.K. Mukhopadhyay	Prof. K.K. Ray/Dr. Baldev Raj	Acoustic emission study during tensile deformation of AISI type 304 stainless steel	Indian Institute of Technology, Kharagpur	2003
C. Rajagopalan	Dr. Baldev Raj	A generic knowledge-based systems' architecture for materials evaluation	University of Madras, Chennai	2004

B. Venkataraman	Dr. Baldev Raj	Infrared imaging for characterization of weld defects and plastic deformation	University of Madras, Chennai	2005
Anish Kumar	Dr. Baldev Raj/Prof. K.K. Ray	Correlation of microstructure and mechanical properties with ultrasonic parameters in metallic materials	Indian Institute of Technology, Kharagpur	2005
M. Vasudevan	Dr. Baldev Raj/Prof. K. Prasad Rao	Computational and experimental studies on arc welded austenitic stainless steel welds	Indian Institute of Technology Madras, Chennai	2007
Gnanaprakash	Dr. Baldev Raj	Parameters influencing the size and magnetic properties of Fe ₃ O ₄ nanoparticles during co-precipitation	University of Madras, Chennai	2008
V. Karthik	Dr. Baldev Raj	Small specimen test techniques for evaluating the mechanical properties of fast breeder structural materials	University of Madras, Chennai	2010 (probable year)
K.V. Rajkumar	Dr. Baldev Raj/ Prof. K.K. Ray	Studies on structure & property of M250 grade maraging steels by non-destructive parameters	Indian Institute of Technology, Kharagpur	2008 (probable year)
P. Swaminathan	Dr. Baldev Raj	Modelling of instrumentation and control system of prototype fast breeder reactor	Satyabhama University, Chennai	Thesis has been submitted

K.K. Kuriakose	Dr. Baldev Raj	Knowledge Management maturity levels and organizational performance	Homi Bhabha National Institute, Mumbai	Current
S.A.V. Satya Murty	Dr. Baldev Raj / Dr. Krishna Moorthy Sivalingam	Wireless sensor networks	Homi Bhabha National Institute, Mumbai	Current
Prabhat Kumar	Dr. Baldev Raj	Management of mega project – A case study of PFBR	Satyabhama University, Chennai	Current
T.K. Mitra	Dr. Baldev Raj	Effects of welding process and heat treatment on the mechanical behaviour of grade 92 ferritic steel welds	Homi Bhabha National Institute, Mumbai	Current
P. Kalyanasundaram	Dr. Baldev Raj	Artificial intelligence, signal and image processing for engineering applications	Satyabhama University, Chennai	Current
Utpal Borah	Dr. Baldev Raj			
N.K. Sinha	Dr. Baldev Raj / Dr. A.K. Bhaduri	Indigenisation of Inflatable Seals for FBTR Rotatable Plugs	Homi Bhabha National Institute	Current