

### Projects guided at Postgraduate level

Name of the Student	Title of the Project	Name of Co-Guide, if any	Year
Jithin Baby	Performance analysis of a helically coiled tube solar water heater		May 2014
Jithin Baby,	Experimental and CFD analysis on the performance of a helically coiled tube solar water heater,		Dec. 2013
Himanshu Neeraj,	Studies on safety aspects in alcohol distillation column,		May 2013
Himanshu Neeraj,	Safety in trough-CLFR hybrid solar thermal power plant,		Dec. 2012
Sruthin K,	Failure analysis of shape imperfect pipe bends subjected to in-plane opening bending moment,		Dec. 2012
P. Chandrarajan,	Computer aided analysis of shell nozzle junction using finite element method,		Jan. 2002
Srinivas Katta,	Thermal analysis of water wall tubes of 210 MW and 500 MW boilers using finite element technique,		Jan. 2001,
N. Srinivas Reddy,	Static analysis of 500 MW boiler drum hanger rod using finite element technique,		Jan. 2001
P. Santosh Kumar,	Risk analysis at BHEL, Tiruchirappalli,	E. Thirumavalavan	Jan. 2001
T. Padmavathy,	Simulation of electrofluid dynamic generator,	I. Gopalan	Jan. 2000
V. Arun Prasad Raja,	Development of software package for thermal design of evaporative condensers,	I. Gopalan	Jan. 2000,
M. Muthuraman	Design of waste heat recovery steam generator	I. Gopalan	Jan. 2000,
S. Sakthivel,	Design modification of desuperheating station at 210MW Thermal Power Plants,		Jan. 2000
P. Magesh	Design and manufacture of tube sheets for heat exchanger, , ,	G. Venkataramani	Jan. 2000
V. Kanagarajan,	Combination air preheater system for a 500 MW unit,	P. S. Seshadri	Jan. 2000,
G. Kumaresan,	Balancing of coal air mixture flow in parallel pulverized fuel piping,		Jan. 2000
L. Harikrishnan,	Analysis of thermal sleeve for economiser recirculation line of 210 MW boiler using FEM,	C. Kathirvelu	Feb. 1999
K. Balakrishnan,	Analysis of stresses due to internal pressure at shell-nozzle junction of a pressure vessel using FEM,	C. Kathirvelu	Feb. 1999

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K. Saravanel,	Steady state thermal stress analysis of a 500 MW boiler drum down comer nozzle junction using FEM,	C. Kathirvelu	Jan. 1999
P. Kumar,	Feasibility study of cogeneration power plant in paper plant,		Jan. 1999
D. Ravi,	Design and analysis of platen superheater for 500MW boiler,	V.Senthamarai-kannan	Jan. 1999
K. Nandakumar, ,	Failure analysis of waste heat recovery boiler tube bundles using finite element technique,	S. Soundarapandian	Jan. 1998
N. V. Reddy,	Design of eco-friendly cyclone furnace for 500 MW Boilers		Jan. 1998
S. Mohanasundram	Design of 19TPH steam surface condenser, ,	R. Kesavan	Jan. 1998
K. Ragupathy	Computer aided finite element elastoplastic creep fatigue interaction analysis of boiler tube bends, , ,	S. Soundarapandian	Jan. 1998
S. Viswanathan	Computer aided finite element analysis of boiler tube bends subjected to in-plane forces and moments, ,	S. Soundarapandian	Jan. 1998
J. Senthil Kumar	Flexibility analysis of a 500MW reheater outlet header, ,	S. Soundarapandian	Dec. 1996
T. Rajesh	Design and manufacture of fretting test rig	S. Karuppasamy	Dec. 1993
A. V. Ravi	Computer aided analysis of 500MW boiler header nipples	S. Soundarapandian	Dec. 1993