



"Shri Gajanan Maharaj Prasanna"

**P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati**

Institute Code : 1107



(Recognized by AICTE, New Delhi, Approved by Govt. of Maharashtra & Affiliated to SGBAU, Amravati)

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P. R. Pote Patil College of Engineering and Management, Amravati
Department of Mechanical Engineering
M.E. Project List (Thermal Engineering) 2020-21

Sr. No	Title	Name of Student	Name of Guide
1	"Experimental Investigation and CFD Analysis of Heat Transfer Enhancement Using Nano Fluid, In Tube and Tube Heat Exchanger"	Syed Bilaluddin Syed Jalaluddin	Prof. V. G. Gore
2	"Design And Stress Analysis of Multilayer High-Pressure Vessel by Using FEM."	Aniket Raosaheb Aware	Prof. V. G. Gore
3	"Design Optimization and CFD Analysis of Solar Chimney for Performance Improvement using ANSYS CFX"	Prashant S. Jamnik	Prof. V. G. Gore
4	"Experimental Study on Thermal Performance of a Closed Loop Pulsating Heat Pipe"	Vaishnavi shyam Sonar	Prof. V. G. Gore
5	"Hybrid Energy Assisted Electric Auto Rickshaw (Three-Wheeler) With Waste Heat Recovery and Utilization"	Sachin Maroti Wandale	Prof. V. G. Gore
6	"CFD analysis on the performance of an industrial shell and tube heat exchanger"	Mohammad Aatifurrahman	Prof. V. G. Gore
7	"Biomass Briquettes as An Alternative Energy Source Compare to Wood"	Neha Vivek Kuthe	Prof. P. B. Ingle
8	"Design And Analysis of Compressor Fins Thermal Distribution"	Gurave Gangadhar Tijare	Prof. P. B. Ingle
9	Analysis of Various factors to Reduce Heat Transfer in Warehouse	Vivek Bhide	Prof. P. B. Ingle
10	Heat Transfer Enhancement in Solar Dryer with Artificial Roughness	Alok Bharati	Prof. P. B. Ingle
11	Design, Construction and Performance Evaluation of Solar Dryer	Amar Tolmare	Prof. P. B. Ingle
12	Experimental Investigation of Heat Transfer Using Twisted Tape with Uniform Alternate Length In Double Pipe U-Bend Heat Exchanger"	Vijaya Vilasrao Dabhade	Prof. P. B. Ingle

Prof. P. R. Wadherkar
Head of the Department