



Contents

- Role of Parabolic Dish in Solar Cooking System: A review** 01-06
Harshal D. Patil, Nishikant W. Kale
- Performance Evaluation of Air Source Heat Pump Water Heater with R407C and R22 under Induce Draft Splited Evaporator Coil** 07-12
V. D. Tonge, A. P. Thakare, A. S. Patil
- Design and Development of Measurement System for Automotive Tyre Parameters** 13-21
A. P. Thakare, A. S. Patil, V. D. Tonge
- Numerical study of effect of staggering the artificial roughness on heat transfer coefficent** 22-27
Prof. Bhushan S Rane, Dr. Sanjay S Deshmukh
- Multipurpose Solar System for Electricity Generation and Various Heat Energy Based Applications** 28-33
Miss. Ashwini V. Kale, Dr. Shashank B. Thakre, Prof. Ram Meghe
- Comparative Study of Solar Cookers** 34-43
Tharesh K. Gawande, Dr. D.S. Ingole
- A Review Of Computer Application For Selection Of Harmonic Gear Drive** 44-50
Utkarsh D. Rathod, Dr. D. Y. Dhande, P. S. Shivdas, D. S. Rathod
- Review of Recent Trends in Application of Nanotechnology in Bio-Fuels** 51-58
Aboli Halwe, Samir Deshmukh, Rupam Wani, Nikhil Jadhav
- Design and Development of Orange Fruit Grading Machine** 59-66
Kalpesh M. Deshmukh, Parag D. Varma, Deep V. Varma, Ganesh B. There, Sumit V. Saharkar
- Performance Analysis of Shrouded Micro Wind Turbine** 67-77
Kishor R. Sontakke, Dr. Samir J. Deshmukh, Prof. Ram Meghe