

RESEARCH

DEPARTMENT OF MECHANICAL ENGINEERING

PARTICIPATION OF FACULTY (2021-22)

Sr. No	NAME OF FACULTY	TITLEWORKSHOPNATIONAL/INTERNATIONAL CONFERNCE JOURNALS	DETAILS
1	Dr C.B. Kothare	PAPER PUBLISHED/PRESENTATION 1)" Experimental investigation of N-Butanol as a fuel additive for Spark Ignition (S.I.) Engine "	Materials Today
2	Prof. S. S. Jawre	PAPER PUBLISHED/PRESENTATION 1)" Experimental analysis for cylindrical staggered pin fin heat sink using 1D & 2D force convective heat transfer variation and its enhancement" 2)" Design, fabrication and CFD analysis of heat exchanger tube with internal threads using forced convection heat transfer" 3)"Comparative CFD analysis of evacuated tube solar cooker" 4)" Study of drying kinetics and determination of thermomechanical properties of dragon fruit	International Research Journal of Modernization in Engineering Technology and Science ISSN NO. 2582-5208
3	Prof U.N Galat	PAPER PUBLISHED/PRESENTATION 1)" Study of drying kinetics and determination of thermomechanical properties of dragon fruit" 2)" Design and fabrication of 360-degree rotating web camera for online education purpose in covid-19 pandemic"	International Research Journal of Modernization in Engineering Technology and Science ISSN NO. 2582-5208
4	Prof D.R. Rangari	PAPER PUBLISHED/PRESENTATION 1)"Pedal Operated Air Compressor" 2)" Design and Fabrication of Automatic Wall Dust Cleaner Machine" 3)" Triple Discharge Pump with Epicyclic Gear Train" 4)" Design and Fabrication of 360 Degree Rotating Web Camera for Online Education Purpose in Covid-19 Pandemic" 5)"Design and Development of Hybrid Power Generation System"	International Research Journal of Modernization in Engineering Technology and Science ISSN No 2582-5208

		6) "Design and Fabrication of Seed Sowing Machine." 7) "Design and Fabrication of Mango Cutting Machine"	
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1	Dr C. B. Kothare	<p>PAPER PUBLISHED/PRESENTATION</p> <p>1)” Performance improvement and CO and HC emission reduction of variable compression ratio spark-ignition engine using n-pentanol as a fuel additive”</p> <p>2)Heat transfer and pressure drop analysis of a microchannel heat sink using nanofluids for energy applications</p> <p>3)“Servomotor Pitching Control Method for H-Type Darrieus Turbine”</p>	<p>Alexandria Engineering Journal</p> <p>Kerntechnik</p> <p>Electric Power Components and Systems</p>
2	Prof. S. S. Jawre	<p>PAPER PUBLISHED/PRESENTATION</p> <p>1)Thermal analysis of three-cylinder engine head a review “</p> <p>2)” A review on extract of neem product and their agricultural”</p> <p>3)” Thermo-stress analysis of coated and non-coated engine”</p> <p>4)” Eexperimental investigation of performance parameters of Solar air heater by perforated plate” A review</p> <p>5)A review on flywheel and its application</p>	<p>International Research Journal of Modernization in Engineering Technology and Science ISSN NO. 2582-5208</p>
3	Prof U.N Galat	<p>PAPER PUBLISHED/PRESENTATION</p> <p>1)“Industrial Productivity and Quality Improvement Techniques A Review”</p> <p>2)“Thermal Analysis of Three Cylinder Engine Head A Review”</p> <p>3)“Thermo Stress Analysis of Coated and Non- Coated Engine Piston To Find Effective Heat Barrier”</p>	<p>International Research Journal Of Modernization in Engineering Technology and Science ISSN NO. 2582-5208</p>

4	Prof P.P. Tagade	<p>PAPER PUBLISHED/PRESENTATION</p> <p>1)” Solar operated multipurpose spray pump” 2)” Design and fabrication of mango cutting machine”</p>	<p>International Research Journal of Modernization in Engineering Technology and Science ISSN NO.2582-5208</p>
5	Prof. D.R Rangari	<p>PAPER PUBLISHED/PRESENTATION</p> <p>1)” Thermal analysis of three-cylinder engine head a review” 2) “A review on extract of neem product and their agricultural” 3) “Thermo-stress analysis of coated and non-coated engine” 4)” Experimental investigation of performance parameters of solar air heater by perforated plates a review 5)solar operated multipurpose pesticide spray pump” 6)“A review on flywheel and its application” 7)” Design and fabrication of sand filter machine a review”</p>	<p>International Research Journal of Modernization in Engineering Technology and Science ISSN No 2582-5208</p>
6	Prof .A.A Kanaskar	<p>PAPER PUBLISHED/PRESENTATION</p> <p>1)“Thermal analysis of three-cylinder engine head a review” 2)“A review on extract of neem product and their agricultural” 3)“Experimental investigation of performance parameters of “solar air heater by perforated plates a review” 4)Flow analysis of car ac duct to find temperature, velocity and pressure difference a review 5)” Design and fabrication of multi-purpose cutting machine review”</p>	<p>International Research Journal of Modernization in Engineering Technology and Science ISSN No 2582-5208</p>