

PRAGATI ENGINEERING COLLEGE :: SURAMPALEM
PAPERS PUBLISHED (MEC) - 2022-23

S.NO	Name of the author/s	Title of paper	Name of journal	Year of publication	ISSN number
1	Dr. S. Sambhu Prasad	DESIGN AND OPTIMIZATION OF VERTICAL AXIS WIND TURBINE	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
2	Mr. D.J.Johnson	ANALYSIS ON MULTISPECIES FLOW OF GASES RELEASED BY A VEHICLE AT IDLING CONDITION USING CFD	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
3	Mr. S.Srikanth	DESIGN AND SQUASH ANALYSIS OF DIFFERENT MODELS OF LEG PROTECTION GUARD FOR CRUISER BIKES	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
4	Mrs. K.Aravinda	INVESTIGATING THE FLOW PARAMETERS OF AXIAL FAN DUE TO VORTEX SHEDDING	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
5	Mr. G.V.N.Santhosh	DESIGN AND ANALYSIS ON TEMPERATURE DISTRIBUTION IN SOLENOID VALVE BY USING THERMAL ANALYSIS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
6	Mr. N. Raghuveer	MODAL AND STRUCTURAL ANALYSIS ONCASTOR WHEEL BY USING DIFFERENT MATERIALS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
7	Dr. G. Satish	COMPARATIVE ANALASYS OF HYDRAULIC PUMP GEAR USING VARIOUS ANGLES IN CFX	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
8	Mr. M.Sunil Raj	STATIC STRUCTURAL AND THERMAL ANALYSIS ON BREAK COMPONENT IN AUTOMOBILES	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180

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10	Mrs. S. Hemani	MODAL AND HARMONIC RESPONSE OF TURBINE BLADE AT FAILURE CRITERIA	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
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12	Mrs. V S L Sirisha	DESIGN AND ANALYSIS OF ROCKET NOZZLE USING CFD	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
13	Mr. M. Anil Kumar	INVESTIGATE THE VELOCITY PARAMETERS OF AN IMPELLER WITH VARYING BLADES AND BLADE ANGLES USING CFX	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
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15	Dr. G. Avinash	INVESTIGATION OF LINEAR EFFECT ON FORGING NONLINEAR MATERIAL	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
16	Mr. B. Bharath Kumar	COMPUTATIONAL ANALYSIS OF VENTILATION CHAMBER BY VARYING INLET AND HEATER PORTS USING CFD	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
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19	Mr. Ch. Vinay Dileep	DROP TEST ANALYSIS ON HEAT SINK PARTS OF CIRCUIT BOARD	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 7, ISSN : 2347-7180	Mar-23	2347-7180
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23	Mrs. K.Deep Rani	DESIGN AND ANALYSIS OF LEAF SPRING BY USING DIFFERENT MATERIALS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 8, ISSN : 2347-7180	Mar-23	2347-7180
24	Mr. S.Srikanth	FLUID AND INERT PARTICLES SEPERATION IN A HYDROCYCLONE BY USING DIFFERENT COMPUTATIONAL TURBULENCE MODELS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 8, ISSN : 2347-7180	Mar-23	2347-7180
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29	Dr. G. Avinash	DESIGN AND ANALYSIS OF CATALYTIC CONVERTER WITH DIFFERENT WIRE MESH GRID SHAPE MODELS USING FLUENT	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 8, ISSN : 2347-7180	Mar-23	2347-7180
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33	Ms. K. Tulasi	THERMAL & STRUCTURAL ANALYSIS ON WELDED PIPE SECTIONS BY USING FINITE ELEMENT ANALYSIS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 8, ISSN : 2347-7180	Mar-23	2347-7180
34	Mr. B. Hari Krishna	OPTIMIZATION OF TWO-WHEELER RIM USING STATIC AND MODAL ANALYSIS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 8, ISSN : 2347-7180	Mar-23	2347-7180
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40	Mrs. U. Chaitanya Vardhini	ANALYSIS OF CAM SAHFT IN AUTOMOBILES USING DIFFERENT MATERIALS	Dong Rangsang, Research Journal, Vol-13, Issue 3, No. 8, ISSN : 2347-7180	Mar-23	2347-7180
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52	Mr. D. J. Johnson, Mrs. P. Gayathri	Performance evaluation of cascade refrigeration system using the combination of R30 and different concentrations of R60	journal of engineering sciences, volume 13 issue 10,2022, ISSN:0377-9254	Oct-22	0377-9254
53	Dr.G.Satish, Dr. B.S.V. Rama rao	2-D Aerodynamical Analysis on Car Body Using Taguchi Design Optimization	IJMER, Vol. 11, No. 5(3), pp. 84-94,	Jun-22	2277-7881
54	Dr. G. Satish	Effect of flow variation in the Pelton wheel nozzle by design modification of spear”	UPET Press Technical Journal of Daukeyev University, Vol. 2, No. 1, pp. 21-33, May 2022.	May-22	2788-5488
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57	Pasikanti Gayathri, Akella Yeswanth	DESIGN AND ANALYSIS OF SIX-STROKE ENGINE BY USING THE ALTERNATIVE FUEL TO ENHANCE THERMAL EFFICIENCY	i managers journal of mechanical Engineering	Jun-22	2249-0744
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