

DEPARTMENT OF MECHANICAL ENGINEERING  
Research Publications

S.No	Name of the author	Title	journal/conference	year
1	Mr. Y. Suresh	KINEMATIC SIMULATION AND STIFFNESS ANALYSIS OF 3PRC TRANALATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 1,	Nov-23
2	Mr. Y. Suresh	MODELING AND SIMULATION OF 3-CRR TRANSLATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 10, No. 2,	October : 2023
3	Mr. Y. Suresh	NEURAL NETWORK SOLUTION FOR DIRECT AND INVERSE KINEMATIC ANALYSIS OF 3PRC PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 2,	November : 2023
4	Mr. Y. Suresh	Study of Dynamic and Fatigue Analysis of Crank Shaft by Using Finite Element Method	International Journal of Innovative Research in Science, Engineering and Technologye-ISSN: 2319-8753, p-ISSN: 2320-6710  www.ijirset.com   Impact Factor: 7.512    Volume 9,	Jul-20
5	Mr. Y. Suresh	Static and Fatigue Analysis of Car Alloy Wheel Using FEA	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)   e-ISSN: 2319-8753, p-ISSN: 2320-6710  www.ijirset.com   Impact Factor: 7.512     Volume 10,	March 2021
6	Mr. Y. Suresh	Design and Study State Dynamic Analysis of High Pressure Fuel Pump	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)   e-ISSN: 2319-8753, p-ISSN: 2320-6710  www.ijirset.com   Impact Factor: 7.512    Volume 9	Jul-20
7	Mr. Y. Suresh	Study & Analysis of the Dynamic behaviour for Supercharger by using Finite element Method	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)   e-ISSN: 2319-8753, p-ISSN: 2320-6710  www.ijirset.com   Impact Factor: 7.512     Volume 10,	March 2021
8	Mr. Y. Suresh	Design and analysis of twin screw pump casting using FEA	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)   e-ISSN: Impact Factor: 7.569     Volume 10,	Dec-21
9	Mr. Y. Suresh	OPTIMIZATION OF FEED AND RADIAL FORCES IN CNC DRILL TOOL BIT USING TAGUCHI TECHNIQUE	INTERNATIONAL JOURNAL OF MECHANICAL - CIVIL CONSTRUCTION DESIGNS AND PRODUCTION ENGINEERING VOLUME.07, ISSUE.02, , IMPACT FACTOR:3.5	May-18
10	Mr. Y. Suresh	Study & Analysis of the Dynamic behaviour for Supercharger by using Finite element Method	IJIRSET, Volume 10, Issue 3	Mar-21
11	Mr. Y. Suresh	ANALYSIS OF INCREASING THE OVERALL HEAT TRANSFER RATE IN TUBE IN TUBE HEAT EXCHANGER WITH CFD ANALYSIS	INTERNATIONAL JOURNAL OF MECHANICAL - CIVIL CONSTRUCTION DESIGNS AND PRODUCTION ENGINEERING VOLUME.07, ISSUE.02, , IMPACT FACTOR:3.5	May-17
12	Mr. K VENKATA GANESH	KINEMATIC SIMULATION AND STIFFNESS ANALYSIS OF 3PRC TRANALATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 1,	Nov-23

13	Mr. K VENKATA GANESH	MODELING AND SIMULATION OF 3-CRR TRANSLATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 10, No. 2,	October : 2023
14	Mr. K VENKATA GANESH	NEURAL NETWORK SOLUTION FOR DIRECT AND INVERSE KINEMATIC ANALYSIS OF 3PRC PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 2,	November : 2023
15	G SIVA SAI RAM	Modal Analysis on Turbocharger Turbine Blade by Varying Materials Using FEA	in IJRSET, Volume 10,	Sep-21
16	Mr. K VENKATA GANESH	Fracture Analysis Of Delaminated Composite Beams	International Journal of Research Available at <a href="https://journals.pen2print.org/index.php/ijr/">https://journals.pen2print.org/index.php/ijr/</a> e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 07	July 2020
17	Dr.S,Ramana babu	KINEMATIC SIMULATION AND STIFFNESS ANALYSIS OF 3PRC TRANALATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 1,	Nov-23
18	Dr.S,Ramana babu	MODELING AND SIMULATION OF 3-CRR TRANSLATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 10, No. 2,	October : 2023
19	Dr.S,Ramana babu	NEURAL NETWORK SOLUTION FOR DIRECT AND INVERSE KINEMATIC ANALYSIS OF 3PRC PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 2,	November : 2023
20	KV Siva Prasad	Crash Analysis of Automotive Bumper Beam by Using Finite Element Analysis	International Journal of Innovative Research in Science, Engineering and Technology (IJRSET)   e-ISSN: 2319-8753, p-ISSN: 2320-6710  www.ijrset.com   Impact Factor: 7.512    Volume 9,	July 2020
21	G.Siva Sai	Design and Crash Analysis of a Go-kart Chassis Using Finite Element Analysis	International Journal of Innovative Research in Science, Engineering and Technology (IJRSET)   e-ISSN: 2319-8753, p-ISSN: 2320-6710  www.ijrset.com   Impact Factor: 7.512    Volume 10,     DOI:10.15680/IJRSET.2021.1003012	March 2021
22	K V S Prasad	Modal and Steady State Thermal Analysis on Exhaust Manifold of an Engine Using FEA	International Journal of Innovative Research in Science, Engineering and Technology (IJRSET)   e-ISSN: 2319-8753, p-ISSN: 2347-6710  www.ijrset.com   Impact Factor: 7.569   Volume 10, DOI:10.15680/IJRSET.2021.1009058	Sep-21
23	Mrs. P. Ramanamma	KINEMATIC SIMULATION AND STIFFNESS ANALYSIS OF 3PRC TRANALATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 1,	Nov-23
24	Mrs. P. Ramanamma	MODELING AND SIMULATION OF 3-CRR TRANSLATIONAL PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 10, No. 2,	October : 2023
25	Mrs. P. Ramanamma	NEURAL NETWORK SOLUTION FOR DIRECT AND INVERSE KINEMATIC ANALYSIS OF 3PRC PARALLEL MANIPULATOR	Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 11, No. 2,	November : 2023