ICRIETMS - 2022

INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ENGINEERING, TECHNOLOGY, MANAGEMENT AND SCIENCE (ICRIETMS-2022)

Organized by PSN Engineering College

Dr. N. Prabhu

Dr. G. Satish Pandian

ABSTRACT PROCEEDINGS



CONTENT

SL.	TITLE	AUTHOR(S)	PAGE, NO
1	Analyse And Develop a Solution for Defects Caused During Transferring of Tires	Abraham J, & Satish Pandian G	02
2	Analysis Of Thermal Effect and Behaviour in SI Engine Piston	Azarudeen.N, Prasad.D	03
3	Design And Development of Sensor Based Automatic Steering Control System for Automobiles	Amarjith M Aniyan, Aniver Chanth R	()4
4	Heat Transfer Enhancement in Tube-Fin Type Compact Heat Exchanger by Using Wavy Trapezoidal Winglet Type Vortex Generators	Dabio Nirmal Doss R	05
5	Mechanical Properties, Tribological Mg Characteristics of Stir Cast Magnesium Metal Matrix Composites	Balasubramanian.S, Dr. Jenaris.D.S, Ramanan.N, Mahesh raja.A	06
6	Comprehensive Review of Elimination of Localized Corrosion and Improving Mechanical Properties of Aluminium Metal Matrix Composites	R. Edwin Joseph, M. Rajesh	07
7	Design And Analysis of Blanking Tool and Improving Properties of Tool By Coating	Sasikumar K , Siddharth R	08
8	Vehicle Handling, Stability, And Bifurcation Analysis for Nonlinear Vehicle Models	Ramalakshmi V , Siddharth R	09
9	Design And Analysis of Friction Stir Welded Aa5052 and Aa6061 Plates	Sujin Jose Arul, Jenaris D S, N.Ramanan	10
10	A Review on Microstructure and Mechanical Properties of In-Situ Aluminium Matrix Composites	Sumith, Mahesh Raja. A	11
11	Analysis And Optimization of Combined Algal And Jatropha Biodiesel in IC Engines	Venkadesh G, Satish Pandian G	12
12	Design And Analysis of Helical Spiral Inlet Manifold in IC Engine	Dr. R. Rethan Raj, Dr. D. S. Manoj Abraham	14

ANALYSE AND DEVELOP A SOLUTION FOR DEFECTS CAUSED DURING TRANSFERRING OF TIRES

Abraham J¹, Satish Pandian G²

¹PG scholar, Department of automobile engineering, PSN engineering college, Tirunelveli ²Associate Professor, Department Of Mechanical Engineering, PSN Engineering College, Tirunelveli.

ABSTRACT

In this project manufacturing process of tire is explained in detail manner. We have analyzed defects related to tire during transportation (from curing to warehouse) and we have collected defects data for the past three months and used pareto chart to identify the significant defect. And analyzed the causes of the defects and by "Why Why" analysis we have arrived the root doing cause of the defect. Based on the root cause we have developed the solution and implemented the same result is be monitored.

Keywords: Tire, Pareto Chart.