

GROUP 1:Mechanical Design

1st : Design And Fabrication of Clothes Drying Cabinet(paper 5)

Authors: Abhisht Ilame, Ashutosh Jaiswal, Pratik Salve and Sarvesh Nandankar. Guided by Prof. S. S. Akant, YCCE, Nagpur

2nd : Designing and Facilitating the Garbage Bin - A Review (paper 8)

Authors: Vaishnavi Soni, Dhanashree Garudkar, Omkar Kshirsagar and Himanshu Chandak. Guided by Dr. T. A. Madankar, RCOEM, Nagpur

GROUP 2: Industrial and Production Engineering

1st: Study and Validation of Body Postures for Designing the Workstation for Manual Stitching of Mattresses through RULA and REBA(paper19)

Authors:Sanchit Kedar and Aarushi Nagpure. Guided by Dr. T. A. Madankar, RCOEM, Nagpur

2nd: An Approach to Indian Telecom Arena using Markov Chain Analysis.(paper 18)

Authors:Aarushi Nagpure, Siddhika Chauhan, Pranav Nimkar and Sanjay Virani, RCOEM, Nagpur

GROUP 3:Manufacturing, Measurement and Controls

1st: Prediction of Surface Quality and Traverse Speed in Abrasive Water Jet Machining of AISI 1030 Steel(paper 24)

Authors:Abhishek Madankar and Vikrant Dongre. Guided by Dr. Yogesh V. Deshpande, RCOEM, Nagpur

2nd : Vibration Control of Rotor- A Review(paper 23)

Authors:Indra Gupta. Guided by Dr. T. A. Madankar, RCOEM, Nagpur

GROUP 4:Thermal/ Automobile Engineering and others

1st: Performance Analysis of Air Preheater(paper 29)

Authors: Rajat R. Kawale, Deepak P. Hatwar, Durgesh R. Kumbhare and Harshal A. Lokhande. Guided by Prof. P. B. Lanjewar, SVP CET, Nagpur

2nd: Causes of orbital Decay and Measures for prevention(paper 33)

Authors: Sania Singhanian, RCOEM, Nagpur

Consolation prize:

Group 1: **Mechanical Design**

Design and Manufacturing of Portable Paper Bag Machine(paper 3)

Authors:Darshan B. Dere, Megha S. Meshram, Sanskar A. Nagpurkar and Nishant G. Deotale, YCCE, Nagpur

Group 2:**Industrial and Production Engineering**

Enhancement of Productivity at a Press Shop by using “Single Minute Exchange of Die” Methodology(paper 14)

Authors:Ram Bhattad, Rahul Biwalkar, Sanjay Pawar. Guided by Prof. Ajay Bonde, YCCE, Nagpur

Group 3:**Manufacturing, Measurement and Controls**

Recent Trends in Advance Manufacturing, Additive Manufacturing(paper 22)

Authors:Tejas Kinkar and Shubham Gorle. Guided by Prof. V. P. Katekar, SBJITMR, Nagpur

Group 4:**Thermal/ Automobile Engineering and others**

Value Engineering for Pressed Component in M.S.M.E (Micro Small Medium Enterprise)(paper 36)

Authors:Shrusti Raut and Kishan Taori, RCOEM, Nagpur

