**INDEX**

**GROUP : MECHANICAL ENGINEERING**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Title of Paper and Authors** | **Page No.** |
| Mech\_01 | PHASE CHANGE MATERIAL REVIEW  Akshay R Hedaoo,  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_02 | COMPARISON OF PROPERTIES OF BIODIESEL(COTTON SEED)WITH DIESEL  Mahendra Meshram, Shubham Kawale, Shubham Bansod, Tushar Sapate  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_03 | INVESTIGATION OF LEAKAGE IN C.I. PRESSURE PIPE  Ankit Banode, Nitesh Lande, Shradha Ekharkar  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_04 | DESIGN AND FABRICATION OF PEDAL POWERED TENNIS BALL LAUNCHER  Chetan Gahukar, Parit Patel, Sourabh Khekare  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_05 | DESIGN OF WHEELCHAIR CUM TRICYCLE WITH SINGLE SLIDER CRANK DRIVE MECHANISM  Vineet Gadmade, Dnyaneshwar Bhonde, Piyush Tiple, Akshay KhawasDepartment of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_06 | ENERGY MANAGEMENT SYSTEM  Amit A. Ingle  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_07 | FABRICATION OF BEANS SHELLER MACHINE  Akash Aru, Vinaychandra Gode, Nayan Tiwaskar  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_08 | DESIGN AND FABRICATION OF ROTOMOULDING  MACHINE  Nikhil Shrikhande, Sagar Mandhare, A.K.Kapse  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_09 | ACTIVE MAGNETIC BEARINGS  Shubham Gedam, Roshan Rakhunde, Akantkumar Nandeshwar  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_10 | CONCEPT OF SEMIAUTOMATIC DISHWASHER MACHINE  Saurabh Nagare, Harish kharate, Shashank Sahare, Ankit Patil  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_11 | DESIGN OF BICYCLE POWERED WEEDER  Ramkrushna Pathekar, Swapnil Thakre Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_12 | IMPLEMENTING SIX SIGMA FOR CONTINUOUS IMPROVEMENT  Ashutosh K Singh, Ulhas H Dhruve,  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_13 | IMPACT OF LEAN MANUFACTURING ON GLOBAL WORLD  Govind T Gaurikar, Samiksha R Sukhadeve, Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_14 | ENERGY RECOVERY USING FLYWHEEL BY MEANS OF REGENERATIVE BRAKING – A REVIEW  Yogesh V. Thombre, Sandip S. Bag, Prashant T. Tagde  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_15 | AN EXPERIMENTAL INVESTIGATION INTO THE PERFORMANCE OF A FLAT BASIN TYPE SOLAR STILL FOR SINGLE AND DOUBLE GLASS COVERS WITH VARIOUS GLASS COVER ANGLES”  Shubham Bhanarkar , Mahesh Jagtap , Sumit Hajare  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_16 | AUTOMATED BROACH CLEANER  (Application of mechanism to improve productivity of broaching machine)  Mathew Alex Alexander, Ebin K Philip  SBJITMR, Nagpur |  |
| Mech\_17 | DESIGN OF PADDLE OPERATED AIR COMPRESSOR FOR FILLING AIR IN TOW WHEELERS  Akshay Munghate, Rohit kale, Yogeshri Tarware, Pratik Bhoyar, P.G. Mehar  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_18 | NON-CONVENTIONAL ENERGY SOURCES  A.P. Ninawe , A.S. Nainwar, A.A. Nandardhane  PBCOE, Nagpur |  |
| Mech\_19 | DESIGN AND FABRICATION OF GRAVITY SEPARATOR FOR SOYABIN SCREENING  Ashik S. Dandare , Ankush P. Ramteke , Mohit V. Ghatole, Hindaraj R. Karhewar , Suhas V. Kale  Priyadarshini Bhagwati College of Engineering, Nagpur |  |
| Mech\_20 | DESIGN OF BICYCLE POWERED WEEDER  Harshal S. Wakharkar, Pratap Daiya  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_21 | FEM ANALYSIS OF WELD IN CANTILEVER BEAM FOR POINT LOAD: A REVIEW  Deepak Nandanwar, Lakee Beri, Rajat Gajbhiye, Rohit Madavi Dr.S.R.Ikhar, Er.R.D.Dethe  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_22 | AUTOMATIC CAR PARKING SYSTEM USING PLC  Amit Kumar Singh, Bhawna Gupta, Akash Kashiwar Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |
| Mech\_23 | ONLINE BANKING SECURITY FLAWS  Karishma Shamakwar  Department of Management Studies, KDK College, Nandanvan, Nagpur-09 |  |
| Mech\_24 | EXPERIMENTAL ANALYSIS OF PARABOLIC TROUGH COLLECTOR FOR HEATING PROCESS  Prashant Rao, Soham Pagote, Kunal Chouhan  Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur 440009 |  |