

CONFERENCE SCHEDULE

The details about the paper i.e. paper number, author detail and title is given below the schedule.

Date	Time	Details		
19/04/2012	8:30 to 9:30 am	Registration & Breakfast		
	9:30 to 10:15 am	Inauguration function		
	10:15 to 11:15 am	1 st Keynote by Dr. R. Venkata Rao, Professor, Mechanical Engineering, SVNIT, Surat		
	11:15 to 11:30 am	Tea		
	11:30 to 1:15 pm	1st Session		
		Thermal (Conference Hall 1)	Production (Conference Hall 2)	Design (Conference Hall 3)
		TE-01 to TE-09	PE-01 to PE-07	DE-01 to DE-09
	1:15 to 2 pm	Lunch		
	2:00 to 2:45	2 nd Keynote by Dr. D. N. Malkhede, Professor, Mechanical Engineering, COE, Pune		
	2:45 to 4:45 pm	2nd Session		
		Thermal (Conference Hall 1)	Production (Conference Hall 2)	Design (Conference Hall 3)
		TE-10 to TE-18	PE-08 to PE-14	DE-10 to DE-18
	4: 45 to 5:00 pm	Tea and End of day 1.		
20/04/2012	9:30 to 10:00 am	Breakfast		
	10:00 to 12:00 pm	3rd Session		
		Thermal (Conference Hall 1)	Production (Conference Hall 2)	Design (Conference Hall 3)
		TE-19 to TE-27	PE-15 to PE-21	DE-19 to DE-27
	12:00 to 1:00 pm	Lunch		
	1:00 to 3:00 pm	4th Session		
		Thermal (Conference Hall 1)	Production (Conference Hall 2)	Design (Conference Hall 3)
		TE-28 to TE-38	PE-22 to PE-27	DE-28 to DE-34
	3:00 to 3:30 pm	Validation function and Photo Session		
	3:30 to 3:45 pm	Tea and End of day 2.		

Note: Accommodation is available at Vishalgad Hostel for Gents and Sahyadri Hostel for Girls. If any query please contact Prof. V. V. Shinde (09762051751) and Prof. A.P.Ogale (09175616852)

Thermal Engineering

Paper No.	Author's with Address	Title of the paper
TE-1	Satya Pramod Jammy ¹ Vinayak Kulkarni ² ¹ PhD scholar, University of Surrey, UK. ² Indian Institute of Technology, Guwhatai	Injection Studies for Scramjet engine
TE-2	Ms.Soma Dalbehera ¹ , ¹ Assistant Professor. Mechanical Engineering Department, Centurion University of Technology & Management, Jatni, Odisha, India	A Surface Coating Technique for Enhancement of Boiling Heat Transfer from High Power Microelectronics
TE-3	P.J. Bansode ¹ , S.L. Barse ² , R.R. Arakerimath ³ , R.S.Hingoli ⁴ ^{1,2,3,4} Mechanical Engineering Department, G. H. Rasoni College of Engineering, Pune	Performance Piston Evaluation And Analysis Of High Pressure Hydraulic Axial Pumps
TE-4	Chintan P. Naik ¹ ¹ Mechanical Engineering Department, Sinhgad College of Engineering, Pune	Investigation and Parametric evaluation of the design of an automobile radiator
TE-5	Mutalikdesai Sachin V ¹ , Mahajan Shirkant D ² ¹ Mechanical Engineering Department, Trinity College of Engineering and Research, Pune. ² Mechanical Engineering Department, Modern College of Engineering, Pune.	Performance Evaluation of Oil Fired Boiler
TE-6	Sanjay Harip ¹ ¹ Mechanical Engineering Department, Government Polytechnic, Burudgaon Road, Ahmednagar	The Homogenous Charge Compression Ignition (HCCI) Technology – Automobile technology shows efficiency without the emission
TE-7	Rakhade R D ¹ , Shende M D ² , More K C ³ ^{1,2,3} Mechanical Engineering Department, SND COE & RC, Yeola, Nashik, India	Minimize cost of Shell and Tube Heat Exchangers Using Grenade Explosion Method (GEM)
TE-8	Aakash Ashokkumar Dubey ¹ Vipulkumar H. Chaudhari ² ^{1,2} Mechanical Engineering Department, Birla Vishvakarma Mahavidyalaya, Anand, Gujarat	Development of CNG run Diesel Engine without modification in Engine - a Review
TE-9	A.B.Damor ¹ , I.H.Bhoraniya ² , V.H.Chaudhari ³ ^{1,2} Mechanical Engineering Department, L.D. Engineering College, Ahmedabad, Gujarat ³ Mechanical Engineering Department, B.V.M. Engineering College, V.V. Nagar, Gujarat	Investigation of Diesel Engine Converted to Dual Diesel-CNG Engine using Computational Fluid Dynamic

TE-10	Vinay V Ankolekar ¹ Sandeep S Kore ² ^{1,2} Mechanical Engineering Department, Sinhgad Academy of Engineering, Pune.	Briquetting of Agricultural Biomass: An Overview
TE-11	Sandeep Kumar Kamboj ¹ Munawar Nawab Karimi ² , ^{1,2} Mechanical Engineering Department, Jamia Millia Islamia, New Delhi.	Effect of Thermal Efficiency, Mileage and Cylinder Volume on the Ecological Efficiency of Passenger Cars and 4-Stroke Two-wheelers
TE-12	S. Saha ¹ , S. Chakrabarti ² ¹ Mechanical Engineering Dept, Camellia School of Engineering and Technology, Nadibhag, Kolkata, West Bengal ² Mechanical Engineering Dept, Bengal Engineering and Science University, Howrah, (WB).	Effect of Reynolds Number on Biomagnetic Fluid Flow through a Channel under the action of Constant Magnetic Field placed at the Bottom Wall
TE-13	Rahul Krishnaji Bawane ¹ , Nilima Baliram Gadge ² , Anita C Deshpande ³ ^{1,2} Mechanical Engineering Department, JSPM's RSCOE, Tathawade, Pune. ³ Mechanical Engg. Dept., Sinhgad Institute of Technology, Lonavala, Pune.	Performance of Diesel Engine with Metal Catalyst Coated Piston
TE-14	Varia Jigarkumar V ¹ , Zinzuvadia M J ² , ^{1,2} Mechanical Engineering Department, Birla Vishvakarma Mahavidhyalaya, V V Nagar, Anand, Gujarat.	CAD modeling and performance analysis of Axial Flow Impeller Of Centrifugal Pump Using computational Fluid Dynamics
TE-15	Chougule Shirish Ravasaheb ¹ , Amar Singh ² , J. G. Kulkarni ³ ^{1,3} Mechanical Engineering Department, Walchand College of Engineering, Sangli, Maharashtra. ² Senior Manager, Harvester Works, John Deere India Pvt. Ltd, Pune	CFD simulation of injection of UWS solution in exhaust tube for SCR applications using STAR-CCM+
TE-16	Swapnali R. Hajare ¹ Dinesh K. Chavhan ² ¹ Mechanical Engineering Department, Genba Sopanrao Moze College of Engineering, Pune, ² Mechanical Engineering Department, P.E.S. Modern College of Engineering, Pune	Waste Heat Recovery in Automobiles
TE-17	K.K. Bokde ¹ A. V, Waghmare ² ^{1,2} Department of Mechanical Engineering, A.I.S.S.M.S'S College of Engineering, Pune.	Reducing Cold Start Emissions of SI Engine - A Review
TE-18	Ghatage P.S ¹ , Chavan D.S ² , Pisal M. V ³ ^{1,2,3} Department of Mechanical Engineering, R.I.T, Sakharale	Analysis of Nanofluid By Using CFD Approach – A Review
TE-19	Ajit V. Dumbre ¹ , P.M.Khanwalkar ² ¹ Mechanical Engineering Dept, P.D.E.A'S College of	Wind Assisted Domestic Solar Water Heating System- A Novel Approach

	Engineering, Manjari Bk, Pune-412307, Maharashtra. ² Mechanical Engineering Dept, Sinhgad College of Engineering, Vadgoan, Pune	
TE-20	Patel J H ¹ , Chaudhari V H ² ^{1,2} Mechanical Engineering Department, Birla Vishvakarma Mahavidhyalaya, V V Nagar, Anand, Gujarat.	Design Analysis of Mechanical Stresses on Shell and Tube Sheet of Heat Exchanger
TE-21	Sagar H Gordhandas ¹ , J.M.Patel ² ^{1,2} Mechanical Engineering Dept, L.D.College of Engineering, Ahmedabad, Gujarat	Effect of Various Parameters on Performance of PSA Nitrogen Separations System
TE-22	V.S.Kumbhar ¹ , S.R.Patil ² ¹ Mechanical Engineering Dept, Gourishiv Polytechnic, Khatav, Satara, (M.S). ² Automobile Engineering Dept, Rajarambapu Institute of Technology, Sakharale, (M.S).	Ethanol Gasoline Blends: A Review On Experimental Research
TE-23	Md. Alimullah Anwar ¹ , S. N. Gawali ² , Kiran S. Patil ³ ^{1,3} Mechanical Engineering Dept, Rajarshi Shahu College of Engineering, Pune, India ² Mechanical Engineering Dept, Amrutvahini College of Engineering, Sangamner, India	Influences of various screw-tape inserts on heat transfer and thermal performance characteristics of laminar flow in a circular tube
TE-24	Satish A. Patil ¹ ¹ Mechanical Engineering Dept, PDEA'S College of Engineering, Pune.	Augmentation of Heat Transfer By Using Nano Fluid
TE-25	Shruti S. Dandge ¹ Mechanical Department, Government Polytechnic, Amravati, India	Thermal and Mechanical design of Shell and Tube Heat Exchanger with Fixed Tube Sheet and Stress Analysis of Flexible Shell Elements
TE-26	P. P. Pangavhane ¹ , P. N. Chaudhari ² ^{1,2} Mechanical Engineering Dept, Sinhgad College Of Engineering, Pune.	Two Stroke Engine Using Reed Valve
TE-27	P. Goswami ¹ , D. K. Mandal ² , N. K. Manna ³ , S. Chakrabarti ⁴ ^{1,2} Mechanical Engg. Dept, College of Engineering & Management, Midnapore, West Bengal. ³ Mechanical Engg. Dept, Jadavpur University, Kolkata. ⁴ Mechanical Engineering Dept, Bengal Engineering and Science University, Howrah	Study of Pulsatile Flow on Numerical Modeling of Early Atherosclerotic Lesions
TE-28	N.T. Dhokane ¹ , A.M. Patil ² ¹ Mechanical Engineering Dept, SITS, Narhe, Pune. ² Mechanical Engineering Dept, PVPIT, Budhgaon, Sangli.	An Innovative Way Of Refrigeration: Adsorption Refrigeration
TE-29	Kadam Sanjay V ¹ , Sutar S.S. ² , Gaikwad S.M. ³ ^{1,2} Mechanical Engineering Dept,	Retrofitting of refrigeration Bench Test Rig - Replacing R-12 refrigerant by R134a refrigerant

	RIT Sakharade, ³ Mechanical Engineering Dept, Sinhgad Institute of Technology, Lonavala	
TE-30	Vivek Shewale ¹ , M.R. Dahake ² ^{1,2} Mechanical Engineering Dept, Sinhgad College of Engineering, Pune.	Laser Ignition for IC Engine
TE-31	S. A. Malkar ¹ , D. M. Gaikwad ² ^{1,2} Mechanical Engineering Dept, Sinhgad College of Engineering, Pune.	Comparison of Heat Transfer characteristics of fluid with twisted wire brush inserts and twisted tape inserts
TE-32	Wadne D. J ¹ , Chavan D.S ² , Mirza M. M ³ ^{1,2,3} Department of Mechanical Engineering, Rajaram Bapu Institute of Technology, Sakharale (M.S)	A Review of Acoustical Design Of Automotive Engine With Various Mufflers
TE-33	M.K.Chopra ¹ , Shrikant U Chaudhari ² ^{1,2} Department of Mechanical Engineering, RKDF College Of Engineering, Bhopal.	Performance of Biomass Gasifier Using Wood
TE-34	S.S.Sutar ¹ , S.V.Kadam ² ^{1,2} Department of Mechanical Engineering, Rajarambapu Institute of Technology, Rajaramnagar Maharashtra.	Solar Air Conditioning
TE-35	E. P. Patil ¹ , M. R. Dahake ² ^{1,2} Mechanical Engineering Dept, Sinhgad College of Engineering, Pune.	Advanced thermal solar collector system with heat storage for residential house
TE-36	M. M. Kulkarni ¹ , S.S.Kore ² ^{1,2} Mechanical Engineering Department, Sinhgad Academy of Engineering, Kondhva, Pune.	Performance Characterization of Single Cylinder DI Diesel Engine Fuel with castor Biodiesel
TE- 37	L.P Puranik ¹ , A.D.Kadam ² , ¹ Mechanical Engineering Department, Sinhgad Institute of Technology, Lonavala ² Jonhson Control Pvt. Ltd, Pune	Mathematical modelling of evaporative condenser.
TE- 38	Ankush L.Pawar ¹ , S. G. Taji ² ¹ Department of Mechanical Engineering Tolani Maritime Institute, Pune ² Department of Mechanical Engineering, P.E.S ,Modern College of Engineering, Pune	An experimental investigation on perforated horizontal rectangular fin arrays under natural convection

Production Engineering

Paper No.	Author's with Address	Title of the paper
PE-1	Yogita Patil ¹ , Sangita Bansode ² ^{1,2} Mechanical Engineering Dept, K.	Analysis of Casting Design by Simulation

	J. Somaiya College of Engineering, Vidyavihar, Mumbai.	
PE-2	G.V. Pujari ¹ , V.R.Naik ² ^{1,2} Mechanical Engineering Department, D.K.T.E.'s Ichalkaranji, Maharashtra,	A Review of “Development of a plastic injection molded component with focus on processing parameters to optimize the development cycle”.
PE-3	J.M.Prajapati ¹ , P.M.George ² ^{1,2} Mechanical Engineering Department, BVM College of Engineering, V.V Nagar, Gujrat	Determination and Optimization of the Effect of Cutting Parameters on Cylindricity and Surface Roughness in CNC Boring Operation (March 2012)
PE-4	Ketan Jagtap ¹ , Raju Pawade ² ¹ Mechanical Engineering Department, Government Polytechnic, Nashik (M.S.) ² Mechanical Engineering Department, Dr. Babasaheb Ambedkar Technological University, Lonere (M.S.)	Diamond Turning of Optical Polymers
PE-5	Sanjay Kajal ¹ , P.C. Tewari ² , Parveen Saini ³ ^{1,2,3} Mechanical Engineering Dept, N.I.T., Kurukshetra	Simulation Modeling and Maintenance Planning for Skim Milk Powder Unit of a Dairy Plant
PE-6	Prasad Karande ¹ , Shankar Chakraborty ² ^{1,2} Mechanical Engineering Dept, Jadavpur University, Kolkata ,West Bengal.	Non-Traditional Machining Process Selection using WUTA Method
PE-7	S.S.Chavan ¹ , P. V.Londhe ² ^{1,2} Mechanical Engineering Dept, Bharati Vidyapeeth Deemed University College of Engineering, Pune,	Review –Manufacturing of Nanofibers By Electrospinning and their Applications.
PE-8	Patil H. H ¹ , Chavan D.S ² , Kadam S.V ³ ^{1,2,3} Department of Mechanical Engineering, R.I.T, Sakharale	Tribological Behavior of Nanoparticles As An Additive In Base Oil – A Review
PE9	V. Naranje ¹ ¹ Mechanical Engineering Dept, Sinhgad College of Engineering, Pune.	An Automated System for Process Planning of Deep Drawing Dies
PE-10	A. B. Gangadhar ¹ , P. N. Gore ² ^{1,2} Mechanical Engineering Department, Textile and Engineering Institute, Ichalkaranji, Kolhapur.	Review of Deburring Processes and selection of suitable deburring process for cam- shaft.
PE-11	Kalendra Kumar ¹ , S. K. Sharma ² ^{1,2} Department of Mechanical Engineering, NIT, Kurukshetra, Haryana.	Lean Manufacturing for Organizational Improvement:Literature Review
PE-12	Asmita A. Bagade ¹ , V.A.kulkarni ² ¹ Department of Mechanical Engineering, PCT College of Engineering, Thane. ² Department of Production Engineering, D.Y.Patil College of Engineering. Akurdi, Pune.	An optimization of surface roughness and cutting forces on glass fiber reinforced plastics
PE-13	Pallavi Phule ¹ , S.R. Patil ² , S.M. Sawant ³ ^{1,2,3} Department of Mechanical	Smart Materials With Special Reference To Magnetorheological Fluids And Their Applications In Automotives

	Engineering, Rajarambapu Institute of Technology, Rajaramnagar (MS)	
PE-14	Shankarachar SM ¹ , Radhakrishna M ² , Ramesh Babu ³ ^{1,2} Design Engineering Division, Indian Institute of Chemical Technology, Hyderabad, AP. ³ Department of Mechanical Engineering, University College of Engineering, Osmania University, Hyderabad, AP.	Flow Induced Vibration of Carbon Nanotubes –A State-of-the-art
PE-15	Mithili Mardhekar ¹ , Anand Joshi ² , Chinmay Ramdasi ³ , Ajinkya Jadhav ⁴ , V.M.Kale ⁵ ^{1,2,3,4,5} Department of Industrial and Production Engineering, Vishwakarma Institutes of Technology, Pune	Fine Tuning Of Assembly Line Using Promodel Simulation Tool
PE-16	Maharkhede S.W ¹ , Kolhe K. P ² , Amalkar A.O. ³ ^{1,2,3} Mechanical Engineering Department, School of Engineering and Research Technology, Khamgaon.	Studies of FRP butt joint and Welded Joint by using Universal testing Machine.
PE-17	Bhujbal V.D ¹ , Tadmalle A.P ² , Reddy Y.T ³ , Thenge A.B ⁴ ^{1,2,3} Department of Mechanical Engineering, Sinhgad College of Engineering, Vadgaon, Pune ⁴ Department of Mathematics, New Art Commerce Science College, Ahmadnagar.	The Use of Fuzzy Logic Technique to Optimise Gas Metal Arc Welding Process.
PE-18	Archana S. Katkade ¹ , Varsha N. Karandikar ² , ^{1,2} Department of Mechanical Engineering, Vishwakarma Institute of Technology, Pune	Transition process design by using six sigma methodology
PE-19	R.B.Chadge ¹ , A.B.Amle ² , S.L.Bankar ³ ^{1,2,3} Department of Mechanical Engineering, Yeshwantrao Chavan College of Engineering, Nagpur.	Identification of Critical Success Factors (CSFs) for furniture Cluster: An Approach
PE-20	Venkatesh M.K ¹ , Veershetty ² , Ambresh ³ ^{1,2,3} Department of Mechanical Engineering, DSCE, Bangalore.	Effect of Ultrasound On Multiwall Carbon Nanotubes in Glass Fiber Reinforced Polymer Composite. - A Literature Survey
PE-21	Mhamane Sudhira ¹ , B E Narkhede ² , Poduval Rajeev ³ ^{1,2} Department of Production Engineering, VJTI, Mumbai ³ Senior Executive, Siemens Ltd. Mumbai.	Parametric Determination of Inventory Management in SAP
PE-22	Jain Vijesh ¹ , Parmar Ketan ² , Mody Sunny ³ , Navarkar Rachana ⁴ ^{1,2,3,4} SNJB's KBJ College of Engineering, Chandwad	Web Enabled Anti-Corruption System
PE-23	S.P.Biradar ¹ , J.K. Sawale ² ^{1,2} Mechanical Engineering Department, MGM College of Engineering, Nanded.	Study of the effect of machining parameters for MRR in EDM for material EN24
PE-24	S.P.Biradar ¹ , J.K. Sawale ² ^{1,2} Mechanical Engineering	Process parameter optimization for MRR in EDM for material AISI D3

	Department, MGM College of Engineering, Nanded.	
PE-25	S.P.Biradar ¹ , J.K. Sawale ² ^{1,2} Mechanical Engineering Department, MGM College of Engineering, Nanded.	Experimental Investigation for the selection of optimum Machining Parameters for MRR in EDM for material OHNS
PE-26	J.A. Hole ¹ , S.P.Hivarkar ² ^{1,2} Mechanical Engineering Dept, J.T. Mahajan College of Engineering Faizpur	Working Postures does effects on workers' Productivity of sugar Industries
PE-27	Y.N.Dhulugade ¹ ¹ Department of Mechanical Engineering, D.K.T.E.S., Textile & Engineering Institute, Ichalkaranji, Maharashtra, India	Use of 'CAE' in design of sheet metal drawing tool for efficiency and economy

Design Engineering

Paper No.	Author's with Address	Title of the paper
DE-1	D.H. Bhosale ¹ , P.Vasudevan ² , B.M. Pradhan ^{3,1,3} Mechanical Engineering Dept, K.J. Somaiya College of Engineering, Mumbai. ² Mechanical Engineering Dept, Indian Institute of Technology, Mumbai.	Design Software For Belt Conveyor System
DE-2	Laxminarayan Kanna ¹ , S.B. Tuljapure ² , S. A. Gurav ³ ¹ Dept. of Mechanical Engg., S.E.S. Polytechnic, Solapur ² Dept. of Mechanical Engg., Walchand Institute of Technology, ³ Dept. of Mechanical Engg., Bramhadev Mane Institute of Technology, Solapur	Finite Element Analysis of A Cracked Plate
DE-3	Ashish H. Gupta ¹ , Vipul H. Chaudhari ² ^{1,2} Mechanical Engineering Department, BVM College of Engineering, V.V Nagar, Gujrat	Modelling, Analysis and Optimizaton of Runner Blade of Kaplan Turbine.
DE-4	Sonawane T B ¹ , Bhodake A P ² ^{1,2} Mechanical Engineering Department, SND COE & RC, Yeola, Nashik, India	Piston Design and Analysis by CAE Tools
DE-5	Dr. Suhas P. Deshmukh ¹ , Vijayalaxmi V. Sonkamble ² , Pranav T. Jagtap ³ ¹ Mechanical Engineering Dept, Sinhagad Academy of Engineering, Pune ^{2,3} Mechanical Engineering Dept, Trinity College of Engineering & Research, Pune	Finite Element Analysis of Planar Flexural Mechanism
DE-6	S. A. Khan ¹ ¹ Department of Mechanical Engineering, P. A. College of	A Novel Technique to Control Supersonic Jets

	Engineering, Mangalore.	
DE-7	<p>Sudeshna Mohantya¹, Subhrasmita Mahapatra², Sanat Ku. Panda³, Plavan Ku. Ratha⁴, Manoj Ku. Sarangi⁵, Olga I. Bylya⁶ ^{1,2,3,4,5}Institute of Technical Education and Research, S'O'A University, Bhuwaneshwar, Orrisa. ⁶Institute of Mechanics, Lomonosov Moscow State University</p>	Design and control of perimeter traversing robot
DE-8	<p>Neha Aggarwal¹, Litika Chaudhary², Neha Goel³, Preeti Sengar⁴ ^{1,2,3,4}Department of Mechanical and Automation Engineering, Indira Gandhi Institute of Technology, GGS Indraprastha University, New Delhi</p>	Analysis Of Multi Criteria Based Optimization Technique For Facility Layout Problem
DE-9	<p>R K Singh¹, C Ramadas², R D Misal³, D G Thakur⁴ ^{1,3,4}Dept of Mechanical Engg, Defence institute of Advanced Technology, Pune. ²Composite Research Centre, Research and Development (Engineers), DRDO, Pune.</p>	Characterization of Transmission Factors of Lamb waves in delaminated composite laminate
DE-10	<p>S. A. Khan¹, Asha Crasta² ¹Mechanical Engineering Dept., P A College of Engineering, Mangalore, Karnataka. ²Dept. of Mathematics, MIT, Moodbidri, Mangalore, Karnataka</p>	Oscillating Hypersonic Delta wing at High Angle of Incidence
DE-11	<p>Amol M. Kolhe¹, Jayant P. Supale² ¹Mechanical Engineering Dept, Padmashree D. Y. Patil Institute of Engineering & Technology, Pimpri ²Mechanical Engineering Dept, SKN SITS, Lonavala</p>	Development of a foldable seating device useful in public places
DE-12	<p>Mangesh Y. Dakhole¹, P G Meher² ^{1,2}Mechanical Engineering Dept, KDK College of Engineering, Nagpur</p>	Design of Automated Moving Fixture for Conveyorised Multistage Special Purpose Machine
DE-13	<p>Syed Khaleelullah¹, Rajkumar S. Pant² ^{1,2}Department of Aerospace Engineering, IIT Bombay, Powai, Mumbai.</p>	Design of a Portable Mooring Mast for Remotely Controlled Airships
DE-14	<p>Tarun Kumar Reddy¹, Sesha Narayanan C.G², Rajkumar S. Pant³ ^{1,3}Department of Aerospace Engg, IIT Bombay, Mumbai. ²School of Mechanical Engineering, SASTRA University, Thanjavur, India</p>	Modelling & Simulation of a Payload Recovery Device for a Tethered Aerostat
DE-15	S.V.Saharkar ¹ , S.G.Bahale ²	Review of Pedal Powered Machines

	^{1,2} Mechanical Engineering Dept, PRMIT &R, Amravati.	
DE-16	Amol Ginde ¹ , Nikhil Dhumale ² , Satej Ilkar ³ , Rohan Desai ⁴ ^{1,2,3,4} Mechanical Engineering Department, Finolex Academy Of Management And Technology, Mirjole Block, Ratnagiri,	Design & Fabrication of Chain Conveyor
DE-17	Pravin S. Pachpor ¹ ¹ Mechanical Engineering Dept, Kavikulguru Institute of Technology and Science, Ramtek.	Design of a self propelled vehicle for senior citizens
DE-18	A. M. Takale ¹ , V. R. Naik ² ^{1,2} Mechanical Engineering Dept, Textile and Engg. Institute, Ichalkaranji, Kolhapur.	Design & development of multi spindle drilling head (MSDH) for its cycle time optimisation
DE-19	Chipade A.V ¹ , Lagdive H.D ² , Lavnis A.K ³ ^{1,2,3} Mechanical Engg. Dept, Brahmdevdada Mane Institute of Tech. Belati ,Solapur.	Reliability Based Design Aspect From Accelerated Life Testing And Field Failure Data For Quality And Durability.
DE-20	J.A. Dhanke ¹ , S.S. Shukla ² ^{1,2} BVDU, Yashwantrao Mohite College, Pune	Mathematical Model with Stability of Endemic Equilibrium Point Due to Infectious Disease Transmission
DE-21	Archana A. Mahajan ¹ , Varsha N. Karandikar ² Sriram M. Sane ³ ¹ Mechanical Engg Dept, Tilak Maharashtra Vidyapeeth, Pune. ^{2,3} Mechanical Engg. Dept, Vishwakarma Institute of Technology, Pune.	Ergonomic Analysis Of Worlpostures To Improvise Workplace Design
DE-22	H.D.Patil ¹ , T.R.Deshmukh ² ^{1,2} Mechanical Engg. Dept, PRMIT &R, Amravati,	Review Of Stent Analysis Using Finite Element Method
DE-23	Swapnil V.Ghogardare ¹ ¹ Mechanical Engg. Dept, AISSMS COE PUNE	Performance evaluation techniques for passenger car
DE-24	Kiran S. Patil ¹ , S. N. Gawali ² ¹ Mechanical Engg. Dept, Rajarambapu Institute of Technology, Sakharale, India ² Mechanical Engg. Dept, Amrutvahini College of Engineering, Sangamner.	A Review of Measurement of Runout of bearing in Computer Disk Drive using Vibration Signal Analysis
DE-25	Ghazi Altamash Ahmed Noorullah ¹ , R. P. Parvekar ² ^{1,2} Production Engineering Department, Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded	Modal Analysis A Tool for Design and Optimization
DE-26	A. M. Thakkar ¹ , Y.D.Patel ² ¹ Mechanical Engineering Dept, B.V.M. Engineering College, Anand, Gujarat. ² Mechanical Engineering Dept, A.D. Patel Institute of Technology,	Design and Solid Modeling of Pulley by Interfacing Pro/e and Excel sheet (April- 2012)

	New V.V.Nagar, Anand,Gujarat.	
DE-27	Gayakwad Manohar M ¹ ¹ Mechanical Engineering Dept, J.T.Mahajan College of Engineering, Nhavi Marg, Faizpur.	Strain Gauge Transmission Dynamometer
DE-28	Jyotsna S. Rane ¹ , Gaurang V. Shah ² , Sangita N. Bansode ³ ^{1,2,3} Mechanical Engineering Dept, K.J.Somaiya College of Engineering, Vidyavihar, Mumbai.	Knowledge Base Approach For Material Selection For Designing Plastic Fuel Tank of Automobile
DE-29	Rucha R Kolhekar ¹ , Satish G Bahaley ² ^{1,2} Department of Mechanical Engineering, PRMIT &, Amravati, Maharashtra	Photoelasticity: An Experimental Stress Analysis Method
DE-30	Patil S. H ¹ , Kavade M.V ² ^{1,2} Department of Mechanical Engineering, R.I.T, Sakharale (M.S)	FEA Based analysis of XY Flexural Scanning Mechanism
DE-31	Abhijeet Patil ¹ Pravin Hawale ² ^{1,2} Mechanical Engineering Department	Experimental studies of Pressure in tilting pad thrust bearing with cycloidal surface profiled sector shaped pads.
DE-32	Mahendra M.Dhongadi ¹ , Panchesh Kumar G.N ² , K.V.Sreenivas Rao ³ , Dr G.R.Srinivasa ⁴ , C.P.S.Prakash ⁵ ^{1,2,3,4,5} Dayananda Sagar College Of Engineering, Bangalore	Distortions in Axial Flow Ducted Fan and Solving Techniques
DE-33	Deshpande Paresh P ¹ Bansode S. N ² ^{1,2} Mechanical Engineering Dept, K J Somaiya College of Engineering, Mumbai	Comparison of shell-solid element of a solid block through stress calculations.
DE-34	Sonal Deokar ¹ , Vikram Pawar ² , P. R. Kale ³ ,A.G. Kamble ⁴ , ^{1,4} Mechanical Engineering Department, Sinhgad Institute of Technology, Lonavala. ^{2,3} Mechanical Engineering Department, Sinhgad Academic of Engineering, Pune	Buzz squeak and rattle (BSR) source identification and prevention.