CONFERENCE SCHEDULE

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

Date	Time		Details		
	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,		
	10:13 to 11:13 am		al Engineering, SV		
	11:15 to 11:30 am		Tea		
			1 st Session		
	11:30 to 1:15 pm	Thermal (Conference Hall 1)	Production (Conference Hall 2)	Design (Conference Hall 3)	
19/04/2012		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	y Dr. D. N. Malkh	ede, Professor,	
	2:00 to 2:45		cal Engineering,C		
			2 nd Session		
	2:45 to 4:45 pm	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	Te	ea and End of day	1.	
	9:30 to 10:00 am	Breakfast			
		3 rd Session			
	10:00 to 12:00 pm	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	
20/04/2012	12:00 to 1:00 pm		Lunch		
20/04/2012			4 nd Session		
	1:00 to 3:00 pm	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	To	ea 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. Raisoni 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 1,2,3Mechanical 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 Sandeep S Kore """> """> """> """> """> """>"Acchanical Engineering Department, Sinhgad Academy of Engineering, Pune. Sandeep Kumar Kambo] Munawar Nawab Karimi", "" "Mechanical Engineering Department, Jamia Millia Islamia, New Delhi. S. Saha', S. Chakrabarti" "Mechanical Engineering Dept. Camellia School of Engineering and Technology, Nadibhag, Kolkara, West Bengal "Mechanical Engineering Dept. Bengal Engineering and Science University, Howrah, (WB). Rahul Krishnaji Bwame Nilima Baliram Gadge", Anita C Deshpande" TE-13 TE-14 TE-14 TE-14 TE-14 TE-14 TE-14 TE-14 TE-14 TE-15 TE-15 TE-16 TE-16 TE-16 TE-17 TE-16 Swapnali R, Hajare' Dinesh K, Chavhani' Nechanical Engineering Department, Sink Ravassaheb, Anama Singh', J. G. Kulkarni' Nechanical Engineering Department, Sink Ravassaheb, Anama Singh', J. G. Kulkarni' Nechanical Engineering Department, Brila Vislvakarma Mahavidhyalaya, V Nagar, Anama (Gujarat. Chougule Shirish Ravassaheb, Anama Singh', J. G. Kulkarni' Nechanical Engineering Department, Senior Manager, Harvester Works, John Deern India Pvt. Ltd., Pune Swapnali R, Hajare' Dinesh K. Chavhani' Nechanical Engineering Department, Walchand College of Engineering, Pune, Nechanical Engineering Department, Senior Manager, Harvester Works, John Deern India Pvt. Ltd., Pune Swapnali R, Hajare' Dinesh K. Chavhani' Nechanical Engineering, Pune, Nechanical Engineering, P	Sandeep S Kore		Vince V Anhalalan 1	
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TE-10 Engineering, A.I.S.S.M.S S College of Engineering, Pune. Ghatage P.S¹,Chavan D.S²,Pisal M. V³ Analysis of Nanofluid By Using CFD Approch – A Review Analysis of Nanofluid By Using CFD Approch – A Review Wind Assisted Domestic Solar Water Heating System- A Navael Approach	TE-19 Engineering, A.I.S.S.M.S.S College of Engineering, Pune. Ghatage P.S¹, Chavan D.S², Pisal M. V³ Analysis of Nanofluid By Using CFD Approch – A Review Analysis of Nanofluid By Using CFD Approch – A Review Wind Assisted Domestic Solar Water Heating System- A Novel Approach Wind Assisted Domestic Solar Water Heating System- A Novel Approach	TE-17		
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	Engineering, Manjari Bk, Pune-	
	412307, Maharastra.	
	² Mechanical Engineering Dept,	
	Sinhgad College of Engineering,	
	Vadgoan, Pune Patel J H ¹ , Chaudhari V H ²	
	1,2 Mechanical Engineering	
TE-20	Department, Birla Vishvakarma	Design Analysis of Mechanical Stresses on Shell and
1L-20	Mahavidhyalaya, V V Nagar,	Tube Sheet of Heat Exchanger
	Anand, Gujarat.	
TE-21	Sagar H Gordhandas 1, J.M.Patel 2	Effect of Various Parameters on Performance of PSA
12 21	1,2 Mechanical Engineering Dept,	Nitrogen Separations System
	L.D.College of Engineering,	Thu again sopulutions system
	Ahmedabad, Gujarat	
	V.S.Kumbhar ¹ , S.R.Patil ²	
	¹ Mechanical Engineering Dept,	
	Gourishiv Polytechnic, Khatav,	
TE 22	Satara, (M.S).	Ethanol Gasoline Blends: A Review On Experimental
TE-22	² Automobile Engineering Dept,	Research
	Rajarambapu Institute of	
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	Md. Alimullah Anwar ¹ ,	
	S. N. Gawali ² , Kiran S. Patil ³	
	^{1,3} Mechanical Engineering Dept,	Influences of various screw-tape inserts on heat
TE-23	Rajarshi Shahu College of	transfer and thermal performance characteristics of
	Engineering, Pune, India	laminar flow in a circular tube
	² Mechanical Engineering Dept,	
	Amrutvahini College of	
	Engineering, Sangamner, India Satish A. Patil ¹	
	¹ Mechanical Engineering Dept,	
TE-24	PDEA'S College of Engineering,	Augmentation of Heat Transfer By Using Nano Fluid
	Pune.	
	Shruti S. Dandge ¹¹	
FF 25	Mechanical Department,	mal and Mechanical design of Shell and Tube Heat Excha
TE-25	Government Polytechnic,	vith Fixed Tube Sheet and Stress Analysis of Flexible Shel
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	P. P. Pangavhane ¹ ,	
	P. N. Chaudhari ²	
TE-26	^{1,2} Mechanical Engineering Dept,	Two Stroke Engine Using Reed Valve
	Sinhgad College Of Engineering,	
	Pune.	
	P. Goswami ¹ , D. K. Mandal ² , N.	
	K. Manna ³ ,S. Chakrabarti ⁴	
	^{1,2} Mechanical Engg. Dept,	
	College of Engineering &	
TE-27	Management, Midnapore, West Bengal.	Study of Pulsatile Flow on Numerical Modeling of
112-27	³ Mechanical Engg. Dept,	Early Atherosclerotic Lesions
	Jadavpur University, Kolkata.	
	⁴ Mechanical Engineering Dept,	
	Bengal Engineering and Science	
	University, Howrah	
	N.T. Dhokane ¹ , A.M. Patil ²	
	¹ Mechanical Engineering Dept,	An Imposotive Way Of Defrice and an Advance
TE-28	SITS, Narhe, Pune.	An Innovative Way Of Refrigeration: Adsorption Refrigeration
	² Mechanical Engineering Dept,	Kenigeration
	PVPIT, Budhgaon, Sangli.	
	Kadam Sanjay V ¹ , Sutar S.S ² ,	Retrofitting of refrigeration Bench Test Rig -
TE-29	Gaikwad S.M ³ , 1,2 Mechanical Engineering Dept,	Replacing R-12 refrigerant by R134a refrigerant
	2-Machanical Engineering Dont	1

	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 1,2Mechanical 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,	
PE-2	Vidyavihar, Mumbai. 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 1,2,3Mechanical 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 1,2Mechanical Engineering Department, Textile and Engineering Institute, Ichalkaranji, Kolhapur.	Review of Deburring Processes and selection of suitable deburrring process for camshaft.
PE-11	Kalendra Kumar ¹ , S. K. Sharma ² 1,2Department of Mechanical Engineering, NIT, Kurukshetra, Haryana.	Lean Manufacturing for Organizational Improvement:Literature Review
PE-12	Asmita A. Bagade ¹ , V.A.kulkarni2 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)	
	Shankarachar SM ¹ , Radhakrishna	
	M ² ,Ramesh Babu ³	
	^{1,2} Design Engineering Division,	
	Indian Institute of Chemical	
PE-14	Technology, Hyderabad, AP.	Flow Induced Vibration of Carbon Nanotubes
	³ Department of Mechanical	-A State-of-the-art
	Engineering, University College of	
	Engineering, Osmania University,	
	Hyderabad, AP.	
	Mithili Mardhekar ¹ , Anand Joshi ² ,	
	Chinmay Ramdasi ³ , Ajinkya	
DD 45	Jadhav ⁴ ,V.M.Kale ⁵	Fine Tuning Of Assembly Line Using Promodel
PE-15	1,2,3,4,5 Department of Industrial and	Simulation Tool
	Production Engineering,	
	Vishwakarma Institutes of	
	Technology, Pune Maharkhede S.W ¹ ,	
	Kolhe K. P ² , Amalkar A.O.3	
	1,2,3 Mechanical Engineering	Studies of FRP butt joint and Welded Joint
PE-16	Department, School of Engineering	by using Universal testing Machine.
	and Research	
	Technology, Khamgaon.	
	Bhuibal V.D ¹ .Tadmalle A.P ² .	
	Reddy Y.T ³ ,Thenge A.B ⁴	
	^{1,2,3} Department of Mechanical	
PE-17	Engineering, Sinhgad College of	The Use of Fuzzy Logic Technique to
FE-1/	Engineering, Vadgaon, Pune	Optimise Gas Metal Arc Welding Process.
	⁴ Department of Mathematics, New	
	Art Commerce Science College,	
	Ahmadnagar.	
	Archana S. Katkade ¹ ,	
DE 10	Varsha N. Karandikar ² ,	Transition process design by using six sigma
PE-18	1,2Department of Mechanical Engineering, Vishwakarma Institute	methodology
	of Technology, Pune	
	R.B.Chadge ¹ , A.B.Amle ² ,	
	S.L.Bankar ³	
PE-19	123 Department of Mechanical	Identification of Critical Success Factors (CSFs) for
	Engineering, Yeshwantrao Chavan	furniture Cluster: An Approach
	College of Engineering, Nagpur.	
	Venkatesh M.K ¹ , Veershetty ² ,	Effect of Ultrasound On Multiwall Carbon
PE-20	Ambresh ³	Nanotubes in Glass Fiber Reinforced Polymer
115-20	^{1,2,3} Department of Mechanical	Composite A Literature Survey
	Engineering, DSCE, Bangalore.	Composite A Literature Burvey
	Mhamane Sudhira ¹ ,B E Narkhede ² ,	
	Poduval Rajeev ³	
PE-21	1,2 Department of Production	rametric Determination of Inventory Management in
	Engineering, VJTI, Mumbai	SAP
	³ Senior Executive, Siemens Ltd.	
	Mumbai. Jain Vijesh ¹ , Parmar Ketan ² , Mody	
	Sunny ³ , Navarkar Rachana ⁴	Web Enabled Anti-Corruption System
PE-22	1,2,3,4 SNJB's KBJ College of	
	Engineering, Chandwad	
	S.P.Biradar ¹ , J.K. Sawale ²	
DE 22	1,2 Mechanical Engineering	Study of the effect of machining parameters for
PE-23	Department, MGM College of	MRR in EDM for material EN24
	Engineering, Nanded.	
PE-24	S.P.Biradar ¹ , J.K. Sawale ²	Process parameter optimization for MRR in
115-24	^{1,2} Mechanical Engineering	EDM for material AISI D3

	Department, MGM College of	
	Engineering, Nanded.	
	S.P.Biradar ¹ , J.K. Sawale ²	Experimental Investigation for the selection of
PE-25	^{1,2} Mechanical Engineering	optimum Machining Parameters for MRR in EDM
FE-23	Department, MGM College of	for material OHNS
	Engineering, Nanded.	for material Offins
	J.A. Hole ¹ , S.P.Hivarkar ²	
PE-26	^{1,2} Mechanical Engineering Dept,	Working Postures does effects on workers'
FE-20	J.T. Mahajan College of	Productivity of sugar Industries
	Engineering Faizpur	
	Y.N.Dhulugade ¹	
	¹ Department of Mechanical	Has of 'CAE' in decision of about motal drawing tool
PE-27	Engineering, D.K.T.E.S., Textile &	Use of 'CAE' in design of sheet metal drawing tool
	Engineering Institute, Ichalkaranji,	for efficiency and economy
	Maharashtra, India	

Design Engineering

Paper No.	Author's with Address	Title of the paper
DE-1	D.H. Bhosale ¹ ,P.Vasudevan ² , B.M. Pradhan ^{31,3} 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 Optimization 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 , VijayalaxmiV.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	Sudeshna Mohantya ¹ , Subhrasmita Mahapatra ² , Sanat Ku. Panda ³ , Plavan Ku. Ratha ⁴ , Manoj Ku. Sarangi ⁵ , Olga I. Bylya ⁶ 1,2,3,4,5 Institute of Technical Education and Research, S'O'A University, Bhuwaneshwar, Orrisa. ⁶ Institute of Mechanics, Lomonosov Moscow State University	Design and control of perimeter traversing robot
DE-8	Neha Aggarwal ¹ , Litika Chaudhary ² , Neha Goel ³ , Preeti Sengar ⁴ 1,2,3,4 Department of Mechanical and Automation Engineering, Indira Gandhi Institute of Technology,GGS Indraprastha University, New Delhi	Analysis Of Multi Criteria Based Optimization Technique For Facility Layout Problem
DE-9	R K Singh ¹ , C Ramadas ² , R D Misal ³ , D G Thakur ⁴ 1,3,4Dept of Mechanical Engg, Defence institute of Advanced Technology, Pune. ² Composite Research Centre, Research and Development (Engineers), DRDO, Pune.	Characterization of Transmission Factors of Lamb waves in delaminated composite laminate
DE-10	S. A. Khan ¹ , Asha Crasta ² ¹ Mechanical Engineering Dept., P A College of Engineering, Mangalore, Karnataka. ² Dept. of Mathematics, MIT, Moodbidri, Mangalore, Karnataka	Oscillating Hypersonic Delta wing at High Angle of Incidence
DE-11	Amol M. Kolhe ¹ , Jayant P. Supale ² ¹ Mechanical Engineering Dept, Padmashree D. Y. Patil Institute of Engineering & Technology, Pimpri ² Mechanical Engineering Dept, SKN SITS, Lonavala	Development of a foldable seating device useful in public places
DE-12	Mangesh Y. Dakhole ¹ , P G Meher ² 1,2Mechanical Engineering Dept, KDK College of Engineering, Nagpur	Design of Automated Moving Fixture for Conveyorised Multistage Special Purpose Machine
DE-13	Syed Khaleelullah ¹ , Rajkumar S. Pant ² 1,2 Department of Aerospace Engineering, IIT Bombay, Powai, Mumbai.	Design of a Portable Mooring Mast for Remotely Controlled Airships
DE-14	Tarun Kumar Reddy ¹ , Sesha Narayanan C.G ² , Rajkumar S. Pant ³ 1,3Department of Aerospace Engg, IIT Bombay, Mumbai. ² School of Mechanical Engineering, SASTRA University, Thanjavur, India	Modelling & Simulation of a Payload Recovery Device for a Tethered Aerostat
DE-15	S.V.Saharkar ¹ , S.G.Bahaley ²	Review of Pedal Powered Machines

	1,2 Mechanical Engineering Dept,	
DE-16	PRMIT &R, Amravati. 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 1,2,3Mechanical 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 1,2Department 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.