

## PAPERS PUBLISHED IN JOURNALS

### FH19

<b>Sr. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>DOI</b>	<b>Page Nos.</b>
1	Nilaj D.	Hirein Prajapati, Nilaj Deshmukh., , “Design And Development of Thin Wire Sensor for Transient Temperature Measurement” Elsevier, Measurements, 140, July 2019, 582-589	July 2019	<a href="https://doi.org/10.1016/j.measurement.2019.04.020">https://doi.org/10.1016/j.measurement.2019.04.020</a>	1-4

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Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Page Nos.
1	Nilaj D.	Mohd. Azfar Rafiuddin Khan, Nilaj d., "Identification of Cordwise Location of Shear Web of Wind Turbine Blade" International Conference on Nascent Technologies in Engineering (ICNTE-2019) organized by Fr. C. Rodrigues Institute of Technology, Vashi, Jan 4-5, 2019	Jan 4-5, 2019	
2	Nilaj D.	Nilaj D. "Suppression of Thermo-Acoustic Instabilities by Passive Approach", 2nd Symposium on Nascent Technologies in Aerospace Engineering and Aviation Systems (AAKASH 2019) organized by The Aeronautical Society of India (Mumbai Branch), Fr. C. Rodrigues Institute of Technology, and Thakur Institute of Aviation Technology, Kandivali, India, March 30, 2019.	30 March 2019	
3	Nilaj D.	Nilaj N. Deshmukh, Badal Kudachi, Salmon Joy, Shaunak Phansalkar, Vishnu Pillai, Titus Thomas, "Suppression of Thermo-Acoustic Instabilities Using Helmholtz Resonator", International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE, 4- 5 Jan 2019.	4- 5 Jan 2019	
4	Nilaj D.	Badal Kudachi, Nitin Satpute, Nilaj N Deshmukh and Bipin Mashilkar, "Performance and Emission Characteristics of Thermal Barrier Coating on Diesel Engine Fueled with Cottonseed Biodiesel", 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019.	2-4 May 2019	
5	Nilaj D.	Shamim P., Praseed K., Nilaj D., "Measurement and Control of Temperature and Speed using LabVIEW" ,International conference on Applied Mechanical Engineering Research 2019 (IC-AMER),2-4 May 2019 at NIT Warangal.	2-4 May 2019.	
6	Badal K.	Nilaj N. Deshmukh, Badal Kudachi, Salmon Joy, Shaunak Phansalkar, Vishnu Pillai, Titus Thomas, "Suppression of Thermo-Acoustic Instabilities Using Helmholtz Resonator", International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE, 4- 5 Jan 2019.	4- 5 Jan 2019	
7	Badal K.	Nitin Satpute, Badal Kudachi, Jugulkar L. M.,	4- 5 Jan	

		Abhijeet R. M., Bipin M., “Hybrid Shock Absorber with Electromagnetic and Fluid Damper for Application in an Automotive Suspension”, International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE, 4-5 Jan 2019.	2019	
8	Bipin M.	Nitin Satpute, Badal Kudachi, Jugulkar L. M., Abhijeet R. M., Bipin M., “Hybrid Shock Absorber with Electromagnetic and Fluid Damper for Application in an Automotive Suspension”, International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE, 4-5 Jan 2019.	4- 5 Jan 2019	
9	Bipin M.	Badal Kudachi, Nitin Satpute, Nilaj N Deshmukh and Bipin Mashilkar, “Performance and Emission Characteristics of Thermal Barrier Coating on Diesel Engine Fueled with Cottonseed Biodiesel”, 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019.	2-4 May 2019	
10	Badal K.	Badal Kudachi, Avnish Dubey, Harshit Singh, Mayank Upasani, “Recent Progress in Renewable Energy Sources and Challenges to Meet Future Energy Demands in India”, International Conference on Energy and Environmental Challenges (CE2C 2019), VNIT Nagpur, pp-46, 18-19 Jan 2019.	18-19 Jan 2019	
11	Badal K.	Badal Kudachi, Nitin Satpute, Nilaj N Deshmukh and Bipin Mashilkar, “Performance and Emission Characteristics of Thermal Barrier Coating on Diesel Engine Fueled with Cottonseed Biodiesel”, 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019.	2-4 May 2019	
12	Prasad Bari	Prasad B.,Slyden R., Terrence P. Sagar P., Brean B.,“Modeling and Analysis of Textured Surfaces on a single point cutting tool.”International Conference of Nascent Technology & Engineering (ICNTE - 2019), 4 th & 5 th January 2019	4-5 January 2019	
13	Pallavi Khaire	Pallavi K., Girish D., Nilesh V., Libin K, Edwin W., Abrar U., Marshal M.,”Condition Monitoring Of Centrifugal Pumps Using Vibration Analysis And Artificial Neural Networks” CPIE 2019, 8-10 June 2019	8 – 10 June 2019	
14	Girish D.	Pallavi K., Girish D., Nilesh V., Libin K, Edwin W., Abrar U., Marshal M.,”Condition Monitoring Of Centrifugal Pumps Using Vibration Analysis And Artificial Neural Networks” CPIE 2019, 8-	8 – 10 June 2019	

		10 June 2019		
15	Nilesh V.	Pallavi K., Girish D., Nilesh V., Libin K, Edwin W., Abrar U., Marshal M.,”Condition Monitoring Of Centrifugal Pumps Using Vibration Analysis And Artificial Neural Networks” CPIE 2019, 8-10 June 2019	8 – 10 June 2019	
16	Prasad Bari	Prasad B., Syju A., Mohd. Ibrahim, Abhishek S., Krishnakumar M.,”Design and Analysis of Milling Attachment on Lathe Machine”, International Conference on Production and Industrial Engineering (CPIE-2019), 8 – 10 June 2019, NIT, Jalandhar	8 – 10 June 2019	
17	Suvarna Rode	Suvarna Rode,Kedar more, Akash Kadam, Franklin Fernandes, Gracewin Heber“Design and Development of 3D scanner”, International Conference on Production and Industrial Engineering (CPIE-2019), 8 – 10 June 2019, NIT, Jalandhar	8 – 10 June 2019	
18	Deepak D.	Deepak D., Ajith Nair, Shenon G., Jerome F., Poorva K.”Design and development of Laser wall syatem” International Conference on Production and Industrial Engineering (CPIE-2019), 8 – 10 June 2019, NIT, Jalandhar		
19	Aqleem S.	Shreyas A., Agnel T., Leslie F., Rohan J.,Kamlesh S., Aqleem S., “Incorporating additional power cycle in conventional four stroke SI engine to develop six stroke engine.”, 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019.	2-4 May 2019.	
20	Kamlesh Sasane	Shreyas A., Agnel T., Leslie F., Rohan J.,Kamlesh S., Aqleem S., “Incorporating additional power cycle in conventional four stroke SI engine to develop six stroke engine.”, 1st International Conference on Applied Mechanical Engineering Research (ICAMER - 2019), NIT Warangal, 2-4 May 2019.	2-4 May 2019.	
21	Shamim P.	Shamim P., Praseed K., Nilaj D.,“Measurement and Control of Temperature and Speed using LabVIEW” ,International conference on Applied Mechanical Engineering Research 2019 (IC-AMER),2-4 May 2019 at NIT Warangal.	2-4 May 2019.	
22	Praseed K.	Shamim P., Praseed K., Nilaj D.,“Measurement and Control of Temperature and Speed using LabVIEW” ,International conference on Applied Mechanical Engineering Research 2019 (IC-AMER),2-4 May 2019 at NIT Warangal.	2-4 May 2019.	
23	Kamlesh Sasane	Audrey C., Kamlesh S., Shamim P., Bipin M.”Need for change in the attitude in sterotyping professional fields like Engineering, as being gender specific” RWTE-2019, NIT Warangal, 8-	8-9 March 2019	

		9 March 2019		
24	Shamim P.	Audrey C., Kamlesh S., Shamim P., Bipin M., "Need for change in the attitude in stereotyping professional fields like Engineering, as being gender specific" RWTE-2019, NIT Warangal, 8-9 March 2019	8-9 March 2019	
25	Bipin M.	Audrey C., Kamlesh S., Shamim P., Bipin M., "Need for change in the attitude in stereotyping professional fields like Engineering, as being gender specific" RWTE-2019, NIT Warangal, 8-9 March 2019	8-9 March 2019	
26	Sanjay R.	Sanjay Rukhande, "Investigation of Disc Brake Squeal using FE simulation and Experimentation", National Conference on Sustainable Manufacturing and Waste Management, SCOE, Kharghar	16 April 2019	

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<b>Sr. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>Page Nos.</b>
1	Sanjay R.	Sanjay R., "Tribological Behavior of Thermally Sprayed Coating- a review" in an international conference "TRIBO INDIA 2018", Organized by Veermata Jijabai Institute of Technology, Matunga, Mumbai during 13 December to 15 December 2018.	13-15 December 2018	

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1	Nitesh Y.	Faez M., Peter T., Nitesh Y., "Investigating the critical aspects of evaluating the material non linearity in metal plates using Lamb Waves : Theoretical and Numerical Approach" Elsevier, Applied Accoustics 140 (2018) 301-314	15 June, 2018	1-7
2	Nitesh Y.	Faez M., Peter T., Nitesh Y., "Evaluation of inherent and dislocation induced material non linearity in metallic plates using lamb waves" Elsevier, Applied Accoustics 1136 (2018) 76-85	11 February, 2018	8-12
3	Nitesh Y.	Nitesh Y., Peter T., Faez M., "Theoretical and Experimental evaluation of material non linearity in metal plates using lamb waves" Willey, Struct Control Health Monit. 2018 : e2164	5 February, 2018	9-15
4	S.M. Khot	Arun R., Vivek S., S.M. Khot, Ramesh V., "Mathematical Modelling of Vehicle Assembly Line for throughput enhancement", Inderscience online, ISSN:1740-2123, 1740-2131	2018	16

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1	Nanaji K.	Ameya K., Rakesh K., Shubhanshu R., Nanaji K., "Design and Development of Quad-copter using optimization techniques", FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	1-3
2	Aqleem S.	Aqleem S., Vibhanshu S., Mathew T., Shamika P., Mikhail D., "Design & Development of Automatic Manual Gear Transmission in motor bikes", FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	4-7
3	Pallavi K.	Pallavi K., Nathan D., Ronald J., Justin J., Nilesh V., "Generation of energy from tides", FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	8-11
4	Nilesh V.	Pallavi K., Nathan D., Ronald J., Justin J., Nilesh V., "Generation of energy from tides", FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	8-11
5	Bipin M.	Bipin M., Muerus R., Swapnil L., Lancy L., "Design and Fabrication of Pyrheliometer", FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	12-17
6	Praseed K.	Praseed K., Shamim P., Najid T., Akshay S., Saurabh P., "Design and Fabrication of Spring Testing Machine" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	18-21
7	Shamim P.	Praseed K., Shamim P., Najid T., Akshay S., Saurabh P., "Design and Fabrication of Spring Testing Machine" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	18-21
8	Deepak D.	Deepak D., Mohamed S., Atul S., Mandar R., Abrar U., "Design of Modular multi junction PV concentrator Array" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	22-26
9	Deepak D.	Deepak D., Suraj S. Jay G., Omkar S., Sagar N., "Design and Fabrication of Laser wall system" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	27-30
10	Badal K.	Badal K., Krishnamurthy K.N., "Experimental Evaluation of Ytria partially stabilized Zirconia Thermal barrier coating by plasma sprayed technique on I.C. Engine", FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	31-36
11	Santosh C.	Santosh C., Girish D., Prasad B., Sarvesh H., Tushar K., Sanika N., "Fabrication and Testing of Creep Testing Machine" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	37
12	Girish D.	Santosh C., Girish D., Prasad B., Sarvesh H., Tushar K., Sanika N., "Fabrication and Testing of Creep Testing Machine" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	37
13	Prasad B.	Santosh C., Girish D., Prasad B., Sarvesh H., Tushar K., Sanika N., "Fabrication and Testing of Creep Testing Machine" FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	37
14	S.M. Khot	S.M. Khot, Aqleem S., "Multiple Piezopatch placement strategy for Active Vibration Control of	27,28 April,	38



		pin-pin beams”, FEAST-2018, NIT Tiruchirapalli	2018	
15	Aqleem S.	S.M. Khot, Aqleem S., “Multiple Piezopatch placement strategy for Active Vibration Control of pin-pin beams”, FEAST-2018, NIT Tiruchirapalli	27,28 April, 2018	38
16	Nilaj D	Nilaj D., Azfer K., “Identification of Cord wise Location of Shear Web of Wind Turbine Blade”, Energy Systems Conference 2018, QEII Centre, Westminster, London, UK.	19,20 June 2018	39-45

## **BOOKS PUBLISHED**

### **FH-18**

<b>Sr. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>Page Nos.</b>
1	Nilaj D.	Adnan S., Nilaj D., "Process Equipment cleaning : An application of Accoustic", Lamber Academic Publishers	2018	1

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Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Page Nos.
1	Nitin S.	Nitin S., Sarika S., "Design and Analysis of Ball Screw-Based Inertial Harvester" Iranian Journal of Science and Technology, ISSN 2228-6187	18 Nov, 2017	1-9
2	Mathewlal T.	Jason E., Anvay J., Akshay P., Sajeet J., Mathewlal T., "Design and Analysis of Thermo-Acoustic Cooling Setup" IJETSR, ISSN 2394-3386, vol 4, issue 11	November , 2017	10-15
3	Santosh C.	Santosh C., Dhane N. R., Chawdary A. S., Bhang R. G., "Design and Development of Laboratory Models of Dynamic Vibration Absorber", IJPET, ISSN-2454-7875, Vol 3, Issue 9	September , 2017	16-18
4	Mathewlal T.	Mathewlal T., Shubham D., Farhan M., Shubhankar M., "Experimental Investigation of Thermoacoustic effect using a Thermoacoustic refrigeration setup, IJETSR, ISSN 2394-3386, vol 4, issue 8	August, 2017	19-24
5	S.M.Khot	S.M.Khot, Arun R., Vivek S., "Cost Models for improve vehicle Assembly line performance" International Journal Simulation and Process Modelling, volume 12, No 2, 2017, pp-111-123	2017	25-37
6	Nitesh Y.	Nitesh Y., Faez M., "Optimizing Location of damage within an enclosed area defined by an algorithm based on the lambwave response data", Applied Acoustics, Elsevier, vol 120, pp:98-110	2017	38-44
7	Nitesh Y.	Nitesh Y., Faez M., "Lambwave based experimental and finite element simulation study for damage detection in an alluminium and composite plate using geodesic algorithm" International Journal of Acoustics and Vibrations, vol 22, No 4, pp:413-421	2017	45-49
8	Nitesh Y.	Nitesh Y., Mira M., Prasanna M., "Locating D-lamination in a composite laminate using non linear response of Lamb waves", The e-journal of Non destructive testing and ultrasonics, vol 22, No 1	2017	50-55
9	Santosh C.	Santosh C., Nitesh Y., Veda P., "Damage detection in Cantilever Beams using Vibration based Methods", The e-journal of Non destructive testing and ultrasonics, vol 22, No 6	2017	56-60
10	Nitesh Y.	Santosh C., Nitesh Y., Veda P., "Damage detection in Cantilever Beams using Vibration based Methods", The e-journal of Non destructive testing and ultrasonics, vol 22, No 6	2017	56-60
11	Nitesh Y.	Nitesh Y., Faez M., "Locating a Damage in an Aluminum Plate using Lamb Waves" The e-journal of Non destructive testing and ultrasonics, vol 22, No 6	2017	61-65

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1	Nilaj D.	Nilaj D., Rajdeep J., Soham S., Pavan P., Pradeep G., "Study of the effect of Heat Flux Position on Thermo-Acoustic Instability boundaries of Rijke Tube" ICTACEM-2017	28-30 December, 2017	1-6
2	Pallavi K.	Pallavi K., Binoy A., Jassim J., Joble S., Swati K., "Experimental Study to identify the effect of Bent shaft on Vibration Spectrum using FFT Analyzer" NIT, Hamirpur	16-18 December, 2018	7-8
3	Prasad B.	Prasad B., Santosh C., "Design, Fabrication and Automation of Abrasive Jet Machining System" NIT Hamirpur	16-18 December, 2018	9-11
4	Santosh C.	Prasad B., Santosh C., "Design, Fabrication and Automation of Abrasive Jet Machining System" NIT Hamirpur	16-18 December, 2018	9-11
5	Nilesh V.	Nilesh V., Bipin M., Nishaank P., Yogesh L., "Design and Fabrication of Fully Automatic Solar Tracking" NIT Hamirpur	16-18 December, 2018	12-14
6.	Bipin M.	Nilesh V., Bipin M., Nishaank P., Yogesh L., "Design and Fabrication of Fully Automatic Solar Tracking" NIT Hamirpur	16-18 December, 2018	12-14
7.	Akshay M.	Akshay M., Dilip M., Santosh T., "Design and Development of Microcontroller based EFI for Port Dual Injection System Capable of Varying Blend Ratio for Small Capacity SI Engine" NIT Hamirpur	16-18 December, 2018	15-20
8	Santosh C.	Santosh C., Nilaj D., Swapnil K., "Performance Optimization of Airfoil Blade for Horizontal Axis Wind Turbines" NIT Hamirpur	16-18 December, 2018	21-23
9	Nilaj D.	Santosh C., Nilaj D., Swapnil K., "Performance Optimization of Airfoil Blade for Horizontal Axis Wind Turbines" NIT Hamirpur	16-18 December, 2018	21-23
10	Suvarna R.	Suvarna R., Nitesh Y., Pranav K., Mayuresh T., Arun T., Calvin T., "Development of a Lambwave based algorithm for detecting a damage in thin plate structures", ISSS International Conference on Smart Materials, Structures and Systems, Bangalore	5-7 July, 2017	24-28
11	Nitesh Y.	Suvarna R., Nitesh Y., Pranav K., Mayuresh T., Arun T., Calvin T., "Development of a Lambwave based algorithm for detecting a damage in thin plate structures", ISSS International Conference on Smart Materials, Structures and Systems, Bangalore	5-7 July, 2017	24-28

12	Nilaj D.	Arpana S., Nilaj D., Santosh C., Mandar D., Rupali Deore, "Design and Analysis of Lifting tool Assemblies ti lift different engine block"	2017	29-32
13	Santosh C.	Arpana S., Nilaj D., Santosh C., Mandar D., Rupali Deore, "Design and Analysis of Lifting tool Assemblies ti lift different engine block" American Institute of Physics	2017	29-32
14	Santosh C.	Saurabh S., Santosh C., Nilaj D., "Effect of Crack on natural frequency for beam type of structures" American Institute of Physics	2017	33-36
15	Nilaj D.	Saurabh S., Santosh C., Nilaj D., "Effect of Crack on natural frequency for beam type of structures" American Institute of Physics	2017	33-36
16	Sanjay R.	Aniket S., Choudhari C., Sanjay R., "Parametric Optimization of FDM Process using PSO algorithm", International Conference on ATSMDE-2017, VJTI	2017	37-42
17	Sanjay R.	Sanjay R., Walmik R., "Indian Rail track investigation and Dynamic Analysis of track structure", International Conference on ATSMDE-2017, VJTI	2017	43-47
18	Suvarna R.	Suvarna R., Nitesh Y., Karthik R., Mikhail M., Amey K., Tejas Y. "Damage detection in beam structures using guided waves" NDE 2017, Confernce and Exhibition of the Indian Society for NDT, Chennai Tamilnadu	14-16 December, 2017	48-51

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1	Nitesh Y.	<b>Nitesh Y.</b> , Faez M., “Optimizing Location of Damage within an Enclosed Area defined by an Algorithm based on Lamb wave response data”, Elsevier-Applied Acoustics	2017	1-7
2	Nilaj D.	<b>Nilaj D.</b> , A. Shaikh, “Simulation and Experimental study of Acoustic waves for cleaning of soot in process equipments”, ICCASP/ICMMD-2016. Advances in Intelligent Systems Research. Vol-137, pp242-251	2017	8-17
3	Nilaj D.	<b>Nilaj D.</b> , Arati V., “Experimental & Simulation study of modified Acoustic horn design for sonic soot cleaning”, Springer Science+ Business Media, Singapore, Innovative Design & Development Practices in Aerospace & Automotive Engineering (Lecture Notes)	2017	18-26
4	Santosh C.	<b>Santosh C.</b> , Nitesh Y., Veda Palwankar, “Damage Detection in Cantilever Beams using Vibration based Methods”, The e-journal of Non Destructive Testing, ISSN 1435-4934, Vol 22, No 6	June 2017	27-35
5	Nitesh Y.	Santosh C., <b>Nitesh Y.</b> , Veda Palwankar, “Damage Detection in Cantilever Beams using Vibration based Methods”, The e-journal of Non Destructive Testing, ISSN 1435-4934, Vol 22, No 6	June 2017	27-35
6	Girish D.	<b>Girish D.</b> , Sanjay R., “Automated Storage & Retrieval System” IRJET, e-ISSN:2395-0056, vol 4, issue 1	Jan	36-41
7	Sanjay R.	Girish D., <b>Sanjay R.</b> , “Automated Storage & Retrieval System” IRJET, e-ISSN:2395-0056, vol 4, issue 1	Jan	36-41

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1	Bipin M.	<b>Bipin M.</b> , Shubham P., Sarvesh P., Allwin P., Prathmesh S., “Design and Fabrication of Experimental Setup based on Transient Heat Transfer”, WRFER International Conference, Pune, ISBN 978-93-86291-63-9	7 May	1-6
2	Nilesh V.	<b>Nilesh V.</b> , Febin F., Salvius K., Rishikesh S., Nikhil R., “Hybrid cooling of Multi-Junction Concentrated Photovoltaic Cells”, WRFER International Conference, Pune, ISBN 978-93-86291-63-9	7 May	7-10
3	Nitesh Y.	<b>Nitesh Y.</b> , Nanaji K., Suraj N. Viraj K., Saurabh K., Joel G., “Experimental Investigation of Vibration Characteristics of Magneto-rheological fluid with single rotor system”, WRFER International Conference, Pune, ISBN 978-93-86291-63-9	7 May	11-13
4	Nanaji K.	Nitesh Y., <b>Nanaji K.</b> , Suraj N. Viraj K., Saurabh K., Joel G., “Experimental Investigation of Vibration Characteristics of Magneto-rheological fluid with single rotor system”, WRFER International Conference, Pune, ISBN 978-93-86291-63-9	7 May	11-13
5	Girish D.	Girish D., Prashanth C, Jyotsns T., Abi M., Georex T., “Experimental and Simulation Study to control stiffness of an Air Spring” WRFER International Conference, Pune, ISBN 978-93-86291-63-9	7 May	14-15
6.	Shradha P.	Shradha P., Shreya M., Pornima P., Sharon R., “Design and Fabrication of Auto Feed Pneumatic shearing machine”, ICRTESM 2017 at NITTTR Chandigadh, ISBN 978-81-933746-9-6	23 April	16-21
7.	Deepak D.	Deepak D., Anthony I, Jason K., Joy K., Abhishek W., “Design and Fabrication of Automatic Wood drilling Machine” ICATE 2017 at BMCOE, Airoli, ISBN-978-81-933746-5-8	7,8 April	22-24
8	Santosh C.	Ali Ansari, <b>Santosh C.</b> , Pallavi K., “Effect of Crack on Natural Frequency in Rotor System” FCSPTC-2017, Ramchandra COE, Eluru, Andhra Pradesh	7,8 April	25-29
9	Pallavi K.	Ali Ansari, Santosh C., <b>Pallavi K.</b> , “Effect of Crack on Natural Frequency in Rotor System”, FCSPTC-2017, Ramchandra COE, Eluru, Andhra Pradesh	7,8 April	25-29
10	Nilaj D.	Arpana S., <b>Nilaj D.</b> , Santosh C., Mandar D., Rupali D., “Design & Analysis of Lifting Tool Assembly to lift different Engine Block”, FCSPTC-2017, Ramchandra COE, Eluru, Andhra Pradesh	7,8 April	30-35

11	Santosh C.	Arpana S., Nilaj D., <b>Santosh C.</b> , Mandar D., Rupali D., “Design & Analysis of Lifting Tool Assembly to lift different Engine Block”, FCSPTC-2017, Ramchandra COE, Eluru, Andhra Pradesh	7,8 April	30-35
12	Santosh C.	Saurabh S., <b>Santosh C.</b> , Nilaj D., “Effect of Crack on Natural Frequency for Beam type of structures”, FCSPTC-2017, Ramchandra COE, Eluru, Andhra Pradesh	7,8 April	36-41
13	Nilaj D.	Saurabh S., Santosh C., <b>Nilaj D.</b> , “Effect of Crack on Natural Frequency for Beam type of structures”, FCSPTC-2017, Ramchandra COE, Eluru, Andhra Pradesh	7,8 April	36-41
14	Nilaj D.	Satish G., <b>Nilaj D.</b> , “Effect of Excitation Voltage & Lead Wire Resistance on Strain Measurement”, I2CT	7-9 April	42-47
15	S.M.Khot	<b>S.M.Khot</b> , Pallavi K., Abhishek N., “Experimental & Simulation study of Flow induced Vibration through straight pipes”, ICNTE-2017	27,28 Jan	48-53
16	Pallavi K.	S.M.Khot, <b>Pallavi K.</b> , Abhishek N., “Experimental & Simulation study of Flow induced Vibration through straight pipes”, ICNTE-2017	27,28 Jan	48-53
17	S.M. Khot	<b>S.M.Khot</b> , Nitesh Y., Praseed K., Gaurav P., Deependra S., “Implementation of H-infinity controller in experimental active vibration control of a cantilever beam”, ICNTE-2017	27,28 Jan	54-59
18	Nitesh Y.	S.M.Khot, <b>Nitesh Y.</b> , Praseed K., Gaurav P., Deependra S., “Implementation of H-infinity controller in experimental active vibration control of a cantilever beam”, ICNTE-2017	27,28 Jan	54-59
19	Praseed K.	S.M.Khot, Nitesh Y., <b>Praseed K.</b> , Gaurav P., Deependra S., “Implementation of H-infinity controller in experimental active vibration control of a cantilever beam”, ICNTE-2017	27,28 Jan	54-59
20	S.M. Khot	<b>S.M.Khot</b> , Nitesh Y., Praseed K., Deependra S., Gaurav P., “Simulation Study of Active Vibration Control of Beams supported at Both Ends using optimal controllers”, ICNTE-2017	27,28 Jan	60-67
21	Nitesh Y.	S.M.Khot, <b>Nitesh Y.</b> , Praseed K., Deependra S., Gaurav P., “Simulation Study of Active Vibration Control of Beams supported at Both Ends using optimal controllers”, ICNTE-2017	27,28 Jan	60-67
22	Praseed K.	S.M.Khot, Nitesh Y., <b>Praseed K.</b> , Gaurav P., Deependra S., “Simulation Study of Active Vibration Control of Beams supported at Both Ends using optimal controllers”, ICNTE-2017	27,28 Jan	60-67
23	S.M.Khot	<b>S.M.Khot</b> , Shradha P., Nikhil B., “Simulation Study of MR Damper for Bump Road Profile” ICNTE-2017	27,28 Jan	68-74
24	Shradha P.	S.M.Khot, <b>Shradha P.</b> , Nikhil B., “Simulation Study of MR Damper for Bump Road Profile” ICNTE-2017	27,28 Jan	68-74
25	Prasad B.	<b>Prasad B.</b> , Kishan P., Snaket M., Aniket D., “Optimization of Electric Discharge Machining	27,28 Jan	75-77



		Process Parameters using Carbon Nano Tubes” ICNTE-2017		
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Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Page Nos.
1	C. M. Choudhari	C. M. Choudhari, V.D. Patil “Product Development and its comparative Analysis by SLA, SLS and FDM Rapid Prototyping Processes”, IConAMMA-2016	2016	1-5
2.	Nilesh V.	<b>Nilesh V.</b> , Bipin M., Pallavi K., Kamlesh S. “Numerical Simulation of Heat Transfer augmentation in a Rectangular Solar Air Heater Duct” IRJET, ISSN:2395-0056 Vol 3, Issue 11	Nov 2016	6-10
3.	Bipin M.	Nilesh V., <b>Bipin M.</b> , Pallavi K., Kamlesh S. “Numerical Simulation of Heat Transfer augmentation in a Rectangular Solar Air Heater Duct” IRJET, ISSN:2395-0056 Vol 3, Issue 11	Nov 2016	6-10
4.	Pallavi K.	Nilesh V., Bipin M., <b>Pallavi K.</b> , Kamlesh S. “Numerical Simulation of Heat Transfer augmentation in a Rectangular Solar Air Heater Duct” IRJET, ISSN:2395-0056 Vol 3, Issue 11	Nov 2016	6-10
5.	Kamlesh S.	Nilesh V., Bipin M., Pallavi K., <b>Kamlesh S.</b> “Numerical Simulation of Heat Transfer augmentation in a Rectangular Solar Air Heater Duct” IRJET, ISSN:2395-0056 Vol 3, Issue 11	Nov 2016	6-10
6.	Kanika Mathur	<b>Kanika Mathur</b> , Chaudhari Shubham, Hegde Sunadh, Pawar Aditya, Kakad Hardeep Singh, “ To obtain Pyrolysis oil from waste plastics of different grades and to determine its calorific value”, IRJET, ISSN:2395-0056 Vol 3, Issue 10	Oct 2016	11-14
7.	Shamim P.	<b>Shamim P</b> , Praseed K. “ Smart solar irrigation system”, IRJET, ISSN:2395-0056 Vol 3, Issue 10	Oct 2016	15-18
8.	Praseed K.	Shamim P, Praseed K. “ Smart solar irrigation system”, IRJET, ISSN:2395-0056 Vol 3, Issue 10	Oct 2016	15-18
9.	Santosh C.	<b>Santosh C.</b> , Vishal R., “ Teaching learning based optimization (TLBO) for optimal placement of piezo – patches”, IJST, ISSN: 0974-6846, Vol. 9(34)	Sep 2016	19-23
10.	Nilaj D.	<b>Nilaj D.</b> , Nadar S., “ Experimental & Simulation study to reduce engine noise”, IJST, ISSN: 0974-6846, Vol. 9(34)	Sep 2016	24-28
11.	Nitesh Y.	<b>Nitesh Y.</b> , Mira M., P.M.Mujumdar, “Detection of delamination in composite laminates using lamb wave based non linear method” ELSEVIER-Composite structures	2016	29-33
12.	S. M. Khot	S. M. Khot, A. B. Rane, Vivek S., Ramesh V. “Mathematical Modelling of Vehicle Assembly line for throughput enhancement” IJSPM, vol 11, no 3/4,	2016	34-64

		2016		
13	S. M. Khot	S. M. Khot, A. B. Rane, Vivek S., Ramesh V. "Mathematical Modelling of Vehicle Assembly line for throughput enhancement" IJSPM, vol 11, no 3/4, 2016		

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<b>Sr. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Papers Published</b>	<b>Date</b>	<b>Page Nos.</b>
1	Nilaj Deshmukh	<b>Nilaj Deshmukh</b> , Adnan Iqbal “Simulation and Experimental Study of Acoustic Waves for Cleaning of Soot in Process Equipments” ICMMMD 2016, BATU Lonere	20,21 Dec 2016	1-5

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Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Page Nos.
1	Praseed Kumar	Shamim Pathan, <b>Praseed Kumar</b> , Sarvesh T., Vivek P., Sujoy L., Aditya D., “Automatic Control of a Pump system for water level using micro controller and LABView”, IRJET, vol 3, issue 5, e-ISSN:2395-0056, p-ISSN:2395-0072	May 2016	1-4
2	Shamim Pathan	<b>Shamim Pathan</b> , Praseed Kumar, Sarvesh T., Vivek P., Sujoy L., Aditya D., “Automatic Control of a Pump system for water level using micro controller and LABView”, IRJET, vol 3, issue 5, e-ISSN:2395-0056, p-ISSN:2395-0072	May 2016	1-4
3	Pallavi Khaire	<b>Pallavi Khaire</b> , Arvind R., Jugal K., Piyush J., Shalmali K., “Simulation and Experimental Study for Selection of Gauge area cross section of S type Load cell”, IRJET, vol 3, issue 4, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	5-8
4	Deepak D.	<b>Deepak D.</b> , Aditya R., Vignesh S., Raghav U., Daksh G., “Design and Fabrication of Key way cutting fixture for gears”, IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	9-13
5	Kanika Mathur	<b>Kanika Mathur</b> , Shubham C., Sonal H. Aditya P., Hardeep S., “Extraction of Pyrolysis oil from waste plastic”, IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	14-17
6	Bipin Mashilkar	<b>Bipin Mashilkar</b> , Praseed Kumar, Amit C., Vivek D., Vignesh K. Gayatri P., “Automated Bottle Filling System”, IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	18-22
7	Praseed Kumar	Bipin Mashilkar, <b>Praseed Kumar</b> , Amit C., Vivek D., Vignesh K. Gayatri P., “Automated Bottle Filling System”, IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	18-22
8	Santosh Chauhan	<b>Santosh Chauhan</b> , Aarti M., Akansha J., Rahul J., Abhir B., Rohit J., “Design and Fabrication of Rotating Bending Fatigue Testing Machine-A Lab Development Project”, IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	23-26
9	Sanjay Rukhande	<b>Sanjay Rukhande</b> , Nikesh G., Abhishek M., Kevin K., Mohit T., “Investigation of Muffler for Noise Reduction” IJRITCC, vol. 4, issue 4, ISSN: 2321-8169	April 2016	27-30

10	Sanjay Rukhande	<b>Sanjay Rukhande</b> , Manas L., Prabhat M., Prachi M., Savio S., “Design and fabrication of Automated Shelves”, IJIRT, vol. 2, issue 11, ISSN: 2349-6002	April 2016	31-33
11	Nitesh Yelve	<b>Nitesh Yelve</b> , Mira M., P.M.Mujumdar, C. Ramadas, “A hybrid method based upon nonlinear Lamb wave response for locating a delamination in composite laminates”, Ultrasonics, Vol. 70, ELSEVIER/ 0041-624X	April 2016	34-39
12	Shradha Patil	<b>Shradha Patil</b> , Madhur B., Shivani G., Ameya P., Ayaz S., “Design and Fabrication of an Incense Stick making machine”, IJSTR, vol 5, issue 4, ISSN 2277-8616	April 2016	40-44
13	Kamlesh Sasane	<b>Kamlesh Sasane</b> , Ashish B., Shubham P., Aditya P., Sumit V., “Design and fabrication of Mechanical Vibration Excitor producing SHM and sudden jerk motion”, IRJET, vol 3, issue 3, e-ISSN:2395-0056, p-ISSN:2395-0072	March 2016	45-47
14	Nilesh Varkute	<b>Nilesh Varkute</b> , Akshay C., Deepak A., Ritesh G., Ajay B.,”Design and Fabrication of a peltier operated portable air cooling system”, IRJET, vol 3, issue 3, e-ISSN:2395-0056, p-ISSN:2395-0072	March 2016	48-52
15	Santosh Chauhan	<b>Santosh Chauhan</b> , Prasad Bari, Rahul G., Pooja B., Ashish S., Rohit K., ”Optimization of EDM process parameters using flushing and drilled tools”, IRJET, vol 3, issue 3, e-ISSN:2395-0056, p-ISSN:2395-0072	Feb 2016	53-55
16	Prasad Bari	Santosh Chauhan, <b>Prasad Bari</b> , Rahul G., Pooja B., Ashish S., Rohit K., ”Optimization of EDM process parameters using flushing and drilled tools”, IRJET, vol 3, issue 3, e-ISSN:2395-0056, p-ISSN:2395-0072	Feb 2016	53-55
17	Mathewlal T.	<b>Mathewlal T.</b> , Aditi B., Mrunalini B., Mayur S., Ojaswita P., “Design, Simulation and fabrication of Vortex Cold Air Gun” JSRD, vol 4, issue 6, IISN:2321-0613	2016	56-59
18	Girish Dalvi	<b>Girish Dalvi</b> , Oscar R., Omkar T., Shrutika S, Henderson C., “Design and Fabrication of Eddy Current Braking System”, IRJET, vol 3, issue 4, e-ISSN:2395-0056, p-ISSN:2395-0072	April 2016	60-63
19	Nilaj D.	<b>Nilaj Deshmukh</b> , S.D. Sharma “Effect of Pointed and Diffused Air Injection on Premixed flame Confined in a Rijke Tube”, Cogent Engg	2016	64-75
20	Nilaj D.	<b>Nilaj D.</b> , S.D. Sharma “ Experiments on Heat Content inside a Rijke Tube with suppression of Thermo-Acoustic Instability” International Journal of Spray and Combustion Dynamics	2016	76-92
21	Nilaj D.	<b>Nilaj D.</b> , S.D. Sharma “Suppression of Thermo-Acoustic instability using Air Injection in Horizontal Rijke Tube” Elsevier-Journal of the Energy Institute	2016	93-98

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1	Nilaj Deshmukh	<b>Nilaj Deshmukh</b> , Nadar V., “Experimental and Simulation study to reduce Engine Noise”, ICDAMS-2016, Savita University Chennai	April 2016	1-12
2	Nilaj Deshmukh	<b>Nilaj Deshmukh</b> , Abhijeet C., “Stress Measurement of Helical Coil Spring under static load using strain Rosette”, ICDAMS-2016, Savita University Chennai	April 2016	13-20
3	Santosh Chauhan	<b>Santosh Chauhan</b> , Vishal R., “Teaching Learning based optimization for optimal placement of Piezo patches”, ICDAMS-2016, Savita University Chennai	April 2016	21-26
4	Nilaj D.	<b>Nilaj D.</b> , Aarti V. “Experimental and Simulation Study of Modified Acoustic Horn Design for Sonic Soot Cleaning” I-DAD 2016	22-24 Feb, 2016	27-31
5	Nilaj D.	<b>Nilaj D.</b> , Dipesh J. “Experimental and Simulation Study of Modified Acoustic Horn Design for Cleaning” ICERAT 2016, KJCOE	1,2 April, 2016	32-38

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Sr. No.	Name of Faculty Member	Details of Papers Published	Date	Page Nos.
1	Praseed Kumar	<b>Praseed Kumar</b> , Shamim Pathan, Kamlesh Sasane, "Automatic Control of Motor & Pump system using P Controller in LABView and Arduino", IJRFE-2015	Nov 2015	1-5
2	Shamim Pathan	Praseed Kumar, <b>Shamim Pathan</b> , Kamlesh Sasane, "Automatic Control of Motor & Pump system using P Controller in LABView and Arduino", IJRFE-2015	Nov 2015	1-5
3	Kamlesh Sasane	Praseed Kumar, Shamim Pathan, <b>Kamlesh Sasane</b> , "Automatic Control of Motor & Pump system using P Controller in LABView and Arduino", IJRFE-2015	Nov 2015	1-5
4	Mathewlal T.	<b>Mathewlal T.</b> , Kanika Mathur, Parth L., Siddharth N., "Solar Distillation of water", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	6-9
5	Kanika Mathur	Mathewlal T., <b>Kanika Mathur</b> , Parth L., Siddharth N., "Solar Distillation of water", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	6-9
6	Bipin Mashilkar	<b>Bipin Mashilkar</b> , Pallavi Khaire, Girish Dalvi, "Automated Bottle Filling System", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	10-15
7	Pallavi Khaire	Bipin Mashilkar, <b>Pallavi Khaire</b> , Girish Dalvi, "Automated Bottle Filling System", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	10-15
8	Girish Dalvi	Bipin Mashilkar, Pallavi Khaire, <b>Girish Dalvi</b> , "Automated Bottle Filling System", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	10-15
9	Nilesh Varkute	<b>Nilesh Varkute</b> , Bipin Mashilkar, Sanjay Rukhande, Akshay V., Vishal M., Mayur K., Amar I., "Experimentation and Testing of an OP-AMP operated solar Tracking Mechanism", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	16-19
10	Bipin Mashilkar	Nilesh Varkute, <b>Bipin Mashilkar</b> , Sanjay Rukhande, Akshay V., Vishal M., Mayur K., Amar I., "Experimentation and Testing of an OP-AMP operated solar Tracking Mechanism", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	16-19
11	Sanjay Rukhande	Nilesh Varkute, Bipin Mashilkar, <b>Sanjay Rukhande</b> , Akshay V., Vishal M., Mayur K., Amar I., "Experimentation and Testing of an OP-AMP operated solar Tracking Mechanism", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	16-19
12	Deepak D.	<b>Deepak D.</b> , "Solar Energy base Purification of Sea Water-A detailed Review", IRJET, vol 2, issue 7, e-ISSN:2395-0056, p-ISSN:2395-0072	Oct 2015	20-24

13	Mathewlal T.	<b>Mathewlal T.</b> , Kalpesh P., Gauri T., Anisha A., Ambarish P., Kartik D., “Numerical Simulation of Window AC”, IJETSR, vol 2, issue 9, ISSN:2394-3386	Sept 2015	25-30
14	S.M. Khot	<b>S. M. Khot</b> , Naffes K., “Optimal Placement of Piezo-electric patches for multimode Active vibration control of beam structure using Genetic Algorithm”, Colombia International Publishing Journal of Vibration Analysis, Measurement and Control, vol 3, no 2	August 2015	31-43
15	S.M. Khot	<b>S. M. Khot</b> , Yusuf K., “Simulation of Active Vibration Control of a Cantilever Beam using LQR, LQG and H-∞ optimal Controllers”, Colombia International Publishing Journal of Vibration Analysis, Measurement and Control, vol 3, no 2	August 2015	44-61
16	S.M. Khot	<b>S. M. Khot</b> , Pallavi Khaire, “Simulation and Experimental Study for Diagnosis of misalignment effect in rotating system”, Colombia International Publishing Journal of Vibration Analysis, Measurement and Control, vol 3, no 2	August 2015	62-70
17	Pallavi Khaire	S. M. Khot, <b>Pallavi Khaire</b> , “Simulation and Experimental Study for Diagnosis of misalignment effect in rotating system”, Colombia International Publishing Journal of Vibration Analysis, Measurement and Control, vol 3, no 2	August 2015	62-70
18	S.M.Khot	S.M.Khot, Vijay Khaparde, “ERP:Implementation Procedure & Critical Barriers” IJETR	Sept 2015	71-80



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1	Prasad Bari	<b>Prasad Bari</b> , Tushar D., Advait P., Kartiki P., Sanchit S., “Optimization of EDM Process using DOE”, ICIE-2015, SVNIT, Surat	Nov 2015	1-5
2	Nitesh Yelve	Faiz M. and <b>Nitesh Yelve</b> , “Locating a damage in an Aluminum plate using Lamb waves”, 25 <sup>th</sup> National Seminar and International Exhibition on Non Destructive Evaluation, Hyderabad	Nov 2015	6-10

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1	Nitेश Yelve	<b>Nitेश Yelve</b> , Suvarna Rode, "Damage detection in a thin Aluminum plate using Lamb wave based time reversibility technique" ISSS National conference on MEMS smart materials, structures and Systems, Kochi	Sept 2015	1-3
2	Suvarna R.	Nitेश Yelve, <b>Suvarna Rode</b> , "Damage detection in a thin Aluminum plate using Lamb wave based time reversibility technique" ISSS National conference on MEMS smart materials, structures and Systems, Kochi	Sept 2015	1-3

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1	Sanjay Rukhande	<b>Sanjay Rukhande</b> , Suraj P., Prakash T., Gaurav T., "Two phase flow Analysis for vertical pipe" IJIERE, e-ISSN:2394-3343, vol 2, issue 2, 2015 pp : 157-162	2015	1-6
2	C. M. Choudhari	<b>C.M. Choudhari</b> , Faraaz S., Vishag R., Akansha J., Poras S., "Thickness measuring instrument for aerated bottles" IJAFRSE, vol 1, special issue, Vivrutti 2015	2015	7-13
3	Santosh Chauhan	<b>Santosh Chauhan</b> , Swapnil C., Ronak S., Sachin A., Deepak M., "Modular Robotic Arm" IRJET, e-ISSN:2395-0056, p-ISSN:2395-0072 vol 2, issue 2	May 2015	14-18
4	Nilesh Varkute	<b>Nilesh Varkute</b> , Aditya V., Ninad S., Prasad P., Kunal A., "Numerical Investigation of Performance of Brake Shoe Liner to fabricate and test modified Design" IJERT, ISSN: 2278-0181, vol 4, issue 4, pp : 400-404	April 2015	19-23
5	Girish Dalvi	<b>Girish Dalvi</b> , Pankaj K., Tejas V., Anuraag S., Rohit J., "Modal Analysis of Beam type Structures" IJERT, ISSN: 2278-0181, vol 4, issue 4, pp : 650-654	April 2015	24-28
6	Deepak D.	<b>Deepak D.</b> , Akshay A., Mayuresh K., Nimeesh K., Mayur P., "Solar Water Purifier" IJETSR, ISSN: 2394-3386, vol 2, issue 4, pp : 39-42	April 2015	29-32
7	Pallavi Khaire	<b>Pallavi Khaire</b> "Simulation and Experimental study to investigate the effect of bent shaft on vibration spectrum" IJIRD, ISSN: 2278-0211, vol 4, issue 4, pp : 99-104	April 2015	33-38
8	Kamlesh Sasane	<b>Kamlesh Sasane</b> , Junaid B., Anasuya B., Prathamesh B., Anup G., "Pedal powered clothes washer" IJERT, ISSN: 2278-0181, vol 4, issue 4, pp : 1127-1130	April 2015	39-42
9	Prasad Bari	<b>Prasad Bari</b> , Pratik C., Sanket D., Ninad K., Priyanka T., "Design and Fabrication of Grinding Attachment for lathe machine tool " IJSTM, ISSN: 2394-1537, vol 4, issue 4, pp:62-67	April 2015	43-48
10	Mathewlal T.	<b>Mathewlal T</b> , Kalpesh P., Gauri T., "Numerical Simulation of Vapour Compression Refrigeration System" IJERT, ICNTE 2015, pp:184-188	2015	49-53
11	Bipin Mashilkar	<b>Bipin Mashilkar</b> , Abhishek S, Atul K., Dilip S, "Automated Bottle filling system" IJAFRSE, e-ISSN-2278-0181, vol 1, issue 1	Jan 2015	54-58

12	Praseed Kumar	<b>Praseed Kumar</b> , Shamim Pathan, Aniket B., Joanna J., Navodit S., Sarvapriya R., “Automatic Control of Motor using P Controller based on LabVIEW Software” IJAFRSE, vol 1, special issue, Vivrutti 2015	2015	59-63
13	Shamim Pathan	Praseed Kumar, <b>Shamim Pathan</b> , Aniket B., Joanna J., Navodit S., Sarvapriya R., “Automatic Control of Motor using P Controller based on LabVIEW Software” IJAFRSE, vol 1, special issue, Vivrutti 2015	2015	59-63
14	Nilaj D.	Nilaj D., Shaikh Adnan Iqbal, “Theoretical Simulation and Experimental Analysis of Sound Frequency and Sound Pressure Level of Different Air Horn Amplifier” IJERT, ISSN:2278-0181, Vol 4, Issue 2	Feb 2016	64-73

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1	Nilaj D.	<b>Nilaj D.,</b> Anand P., “Experimental & Analytical Study for Uncertainty in Strain Measurement” IJERT, ICNTE 2015	2015	1-5

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1	Nitesh Yelve	<b>Nitesh Yelve</b> , Mira Mitra, P. Muzumdar “Detection of Stiffness disbanding in a stiffened aluminum panel using nonlinear Lamb wave” ELSEVIER	2014	1-3
2	Shamim Pathan	<b>Shamim Pathan</b> , Bipin Mashilkar, Praseed Kumar “Liquid Level Control using PID Controller based on Labview and Matlab Software” IJERT, e-ISSN-2278-0181, vol 3, issue 10	Oct 2014	4-9
3	Bipin Mashilkar	Shamim Pathan, <b>Bipin Mashilkar</b> , Praseed Kumar “Liquid Level Control using PID Controller based on Labview and Matlab Software” IJERT, e-ISSN-2278-0181, vol 3, issue 10	Oct 2014	4-9
4	Praseed Kumar	Shamim Pathan, Bipin Mashilkar, <b>Praseed Kumar</b> “Liquid Level Control using PID Controller based on Labview and Matlab Software” IJERT, e-ISSN-2278-0181, vol 3, issue 10	Oct 2014	4-9
5	Nilesh Varkute	<b>Nilesh Varkute</b> , Bipin Mashilkar “Numerical Simulation of Heat Transfer Augmentation in a Rectangular Solar Air Heater Duct” IJERT, ISSN: 2278-0181, vol 3, issue 10	Oct 2014	10-13
6	Bipin Mashilkar	Nilesh Varkute, <b>Bipin Mashilkar</b> “Numerical Simulation of Heat Transfer Augmentation in a Rectangular Solar Air Heater Duct” IJERT, ISSN: 2278-0181, vol 3, issue 10	Oct 2014	10-13
7	Kanika Mathur	<b>Kanika Mathur</b> , Rahul Chaudhary, Asmita D’souza, Jerin Shaji “Implenetation of Heat Recovery System to an Air Conditioner” IJERT, ISSN: 2278-0181, vol 3, issue 10	Oct 2014	14-17
8	Mathewlal T.	<b>Mathewlal T</b> , Sarvika Desai, Nikhil Kodiyal, Tanazul Israr, Akshay Mulik “Demonstration of Magneto Caloric Effect by Fabricating Magnetic Refrigeration Setup” IJSRET, ISSN: 2278-0882, vol 3, issue 5	August 2014	18-22

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1	Nitesh Yelve	<b>Nitesh Yelve</b> , Mira Mitra, P. Muzumdar “Detection of Breathing damages in Thin walled structures using Lamb wave based nonlinear technique” 6 <sup>th</sup> International Symposium on NDT in Aerospace 12-14 Nov 2014, Madrid , Spain	Nov 2014	1-7

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#### 1. NAME OF THE FACULTY MEMBER: Shamim Pathan

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Shamim Pathan</b> , Pallavi Khaire “Experimental study to identify the effect of type of coupling on unbalance using frequency spectrum analysis ” IOSR Journal of Mechanical and Civil Engineering, e-ISSN-2278-1684, p-ISSN-2320-334x, vol 11, issue 3, ver 1 <sup>st</sup> pp 13-16	May June, 2014	1-4

#### 2. NAME OF THE FACULTY MEMBER: Pallavi Khaire

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Shamim Pathan, <b>Pallavi Khaire</b> “Experimental study to identify the effect of type of coupling on unbalance using frequency spectrum analysis ” IOSR Journal of Mechanical and Civil Engineering, e-ISSN-2278-1684, p-ISSN-2320-334x, vol 11, issue 3, ver 1 <sup>st</sup> pp 13-16	May June, 2014	1-4

#### 3. NAME OF THE FACULTY MEMBER: Girish Dalvi

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Yash Menon, Vishal More, Varun Mohan, Nilesh Yenganti, <b>Girish Dalvi</b> “Investigation of effect of Ethenol Blend on Performance Parameters of IC Engine” International Journal of Engineering Research and Technology, ISSN-2278-0181, vol 3, issue 4, pp-2106-2112	April, 2014	5-8

#### 4. NAME OF THE FACULTY MEMBER: Shradha Patil

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Shradha Patil</b> “Design and contact stress analysis for fixture design of pressure valve plate” International Journal of Engineering and Science, ISSN(e)-2319-1813, ISSN(p)-2319-1805, vol 3, issue 1, pp 64-71	2014	9-15

#### 5. NAME OF THE FACULTY MEMBER: Nitesh Yelve



<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitesh Yelve</b> , Mira Mitra, P. Muzumdar “Higher Harmonic induced in Lamb wave due to partial debonding of piezo-electric wafer transducers” NDT&E International	2014	16-22

**6. NAME OF THE FACULTY MEMBER:** Santosh Chauhan

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Santosh Chauhan</b> S.V.K. Reddy, Asmita D’souza, Akshata Joshi, “Heat Exchanger for Hybrid Air Conditioning System” IOSR Journal of Mechanical and Civil Engineering, e-ISSN: 2278-1684, p-ISSN: 2320-334X, pp 1-8	2014	23-26

**7. NAME OF THE FACULTY MEMBER:** T. Mathewlal

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Mathewlal T</b> , Gaurav Singh, Chetan Devadiga, Nehal Mendhe, “Demonstration of Thermo Acoustic Refrigeration by setting up an Experimental Model” IOSR Journal of Mechanical and Civil Engineering, e-ISSN: 2278-1684, p-ISSN: 2320-334X, pp 29-33	2014	27-31

**8. NAME OF THE FACULTY MEMBER:** Nilesh Varkute

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nilesh Varkute</b> , Kiran Deshmukh, Manisha Dhanokar, T.R.B. Sanjai Kumar “Numerical Simulation of Enhancement of heat transfer in a tube with and without rod helical tape swirl generator” IJMEE International Journal of Mechanical Engineering & Technology, e-ISSN: 0976-6359, vol 5, issue 6, June 2014, pp 1-13	2014	32-44

## **PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES**

### **First Half of 2014**

#### **1. NAME OF THE FACULTY MEMBER: Sanjay Rukhande**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Snajay Rukhande</b> , Zaid Shaikh, Sushant Ugale, Anuja Vekhande "Muffler Modification for Noise reduction" International Conference on Civil, Mechanical, Biological and Medical Engineering, ISBN-978-3-642-24819-9, pp 78-82	20 April, 2014	1-4

#### **2. NAME OF THE FACULTY MEMBER: Nitin Gurav**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitin Gurav</b> , Pallavi Vaidya, Fazlerazzak Riyaz, Lokesh Bohra, Taral Patil "Design and Development of a roof for 2 wheeler" International Conference on Civil, Mechanical, Biological and Medical Engineering, ISBN-978-3-642-24819-9, pp 74-77	20 April, 2014	5-8

#### **3. NAME OF THE FACULTY MEMBER: Praseed Kumar**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Praseed Kumar</b> , Vijay Ramaswamy, Sumant Joshi, Ashank Dixit, Santosh Kanekar "Liquid level controller using PID controller based on LabVIEW software" International Conference on Civil, Mechanical, Biological and Medical Engineering, ISBN-978-3-642-24819-9, pp 47-51	20 April, 2014	9-11

#### **4. NAME OF THE FACULTY MEMBER: Nitesh Yelve**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitesh Yelve</b> , Mira Mitra, P. Muzumdar "Non linear effect of debonding of wafer type piezo-electric actuator on the behavior of Lamb wave" International Conference, San Diego, USA	9-13 March, 2014	12-16

## PAPERS PUBLISHED IN NATIONAL CONFERENCES

### First Half of 2014

#### 1. NAME OF THE FACULTY MEMBER: Shamim Pathan

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Salkar Siddharth, Kulkarni Shubhamkar, Kanika Mathur, <b>Shamim Pathan</b> “Thermal Analysis on various cooling fin profiles” National Conference on Thermal, Fluid and Manufacturing Science, Surat, Gujrat, pp 147-151	24-25 Jan, 2014	1-3

#### 2. NAME OF THE FACULTY MEMBER: Kanika Mathur

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Salkar Siddharth, Kulkarni Shubhamkar, <b>Kanika Mathur</b> , Shamim Pathan“Thermal Analysis on various cooling fin profiles” National Conference on Thermal, Fluid and Manufacturing Science, Surat, Gujrat, pp 147-151	24-25 Jan, 2014	1-3

#### 3. NAME OF THE FACULTY MEMBER: Prasad Bari

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Pratik Desai, Soham Umbrazkar, Rahul Mahajan, Nitin Khandekar, <b>Prasad Bari</b> , Santosh Chauhan“Performance of Electric Discharge Machining using Cromium Powder suspended in distilled water” National Conference, Contemporary research in India, ISSN 2231-2137, pp-100-105	March, 2014	5-9

#### 4. NAME OF THE FACULTY MEMBER: Santosh Chauhan

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Pratik Desai, Soham Umbrazkar, Rahul Mahajan, Nitin Khandekar, Prasad Bari, <b>Santosh Chauhan</b> “Performance of Electric Discharge Machining using Cromium Powder suspended in distilled water” National Conference, Contemporary research in India, ISSN 2231-2137, pp-100-105	March, 2014	5-9

## **PAPERS PUBLISHED IN JOURNALS**

### **Second Half of 2013**

#### **1. NAME OF THE FACULTY MEMBER: Mr. Nitesh Yelve**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitesh Yelve</b> , Negarullah Naseebullah Khan “Analysis of Crack Propagation in Thin Metal Sheet, Three Point Bend specimen and Double Cantilever Beam” International Journal of Engineering and Advanced Technology, ISSN-2249-8958, vol-2, issue-6	August, 2013	1-4
2.	<b>Nitesh Yelve</b> , Nawaj Motiwala, Irshad Ahmed Khan, Balkrishna Narkhede, Rajkumar Pant “Conceptual Approach for Design, Fabrication and Testing of indoor Remotely Controlled Airship” International Journal of Advanced Material Research, Vol 690-693 (2013)	2013	5-10
3.	<b>Nitesh Yelve</b> , Mira Mitra, Prasanna Mujumdar “Spectral damage index for estimation of breathing crack depth in an aluminum plate using nonlinear lamb wave” Wiley Online Library for Structural Control and Health Monitoring	August 2013	20-26

#### **2. NAME OF THE FACULTY MEMBER: Mr. Aqleem Siddiqui**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Nitin Gurav, <b>Aqleem Siddiqui</b> , Chetan Vadile, Rohan Dubal, Roshan Kolhe, Versha Rangaswamy “Selection, Modification and Analysis of Power Transmission and Braking System of an ATV” International Journal on Mechanical Engineering and Robotics.	30 August, 2013	11-19

#### **3. NAME OF THE FACULTY MEMBER: Mr. Nitin Gurav**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitin Gurav</b> , Aqleem Siddiqui, Chetan Vadile, Rohan Dubal, Roshan Kolhe, Versha Rangaswamy “Selection, Modification and Analysis of Power Transmission and Braking System of an ATV” International Journal on Mechanical Engineering and Robotics.	30 August, 2013	11-19

## **PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES**

### **Second Half of 2013**

**1. NAME OF THE FACULTY MEMBER: Dr. S. M. Khot**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr. S. M. Khot</b> , Nitesh Yelve, Shoaib Shaik “Experimental study of Active Vibration Control of a Cantilever Beam” International Conference on Emerging Trends in Engineering, Nagpur	16-18 Dec, 2013	1-3

**2. NAME OF THE FACULTY MEMBER: Nitesh Yelve**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr. S. M. Khot, Nitesh Yelve</b> , Shoaib Shaik “Experimental study of Active Vibration Control of a Cantilever Beam” International Conference on Emerging Trends in Engineering, Nagpur	16-18 Dec, 2013	1-3

**3. NAME OF THE FACULTY MEMBER: Santosh Chauhan**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Harsha Kawale, Pushkar Kolapkar, Nairit Pal, Shridhar Jakhalekar, Bipin Mashilkar, Deepak D., <b>Santosh Chauhan</b> “Effect of Parameters on the Growth and Oil Content of Algae” International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, AFTMME-13, Punjab Technical University, Kapurthala, Punjab	3-6 October, 2013	4-10

**4. NAME OF THE FACULTY MEMBER: Bipin Mashilkar**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Harsha Kawale, Pushkar Kolapkar, Nairit Pal, Shridhar Jakhalekar, <b>Bipin Mashilkar</b> , Deepak D., Santosh Chauhan “Effect of Parameters on the Growth and Oil Content of Algae” International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering, AFTMME-13, Punjab Technical University, Kapurthala, Punjab	3-6 October, 2013	4-10

**5. NAME OF THE FACULTY MEMBER: Deepak D**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Harsha Kawale, Pushkar Kolapkar, Nairit Pal, Shridhar Jakhalekar, Bipin Mashilkar, <b>Deepak D.</b> , Santosh Chauhan “Effect of Parameters on the Growth and Oil Content of Algae” International Conference on Advancements and Futuristic Trends	3-6 October, 2013	4-10

	in Mechanical and Materials Engineering, AFTMME-13, Punjab Technical University, Kapurthala, Punjab		
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**6. NAME OF THE FACULTY MEMBER: T. Mathewlal**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>T. Mathewlal</b> , Trilok Prabhakaran, Hogan Rozario, Yogesh Gaikwad, Jacob John, “Modification of Water Cooler for improving its COP and reducing Electricity Consumption” International Conference on Emerging Trends in Engineering and Technology, Geeta Inst. Of Management and Tech, Kurukshetra	25-27 October, 2013	11,12

**7. NAME OF THE FACULTY MEMBER: Mr. Prasad Bari**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Prasad Bari</b> , Aamir Khan, Aditya Kanvande, Akhil Prakashan, Rajat Bhan, “Modelling and Simulation of Electro-Discharge Machining Process in 3-D” International Conference on Precision, Meso, Micro and Nano Engg (COPEN-8), NIT, Calicut, Kerla	13-15 Dec, 2013	13-15

**PAPERS PUBLISHED IN JOURNALS**

**First Half of 2013**

**1. NAME OF THE FACULTY MEMBER: Mr. Santosh Chauhan**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Santosh Chauhan</b> , Kanika Mathur, “Two Stage Power Generation Using Hydroelectric and Osmotic Energy”,	Mar 16-17, 2013	1-4

	International Journal of Applied Engineering Research, Vol 8 No. 7, 2013, Jawaharlal Nehru University, New Delhi.		
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**2. NAME OF THE FACULTY MEMBER:** Mrs. Kanika Mathur

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Santosh Chauhan, <b>Kanika Mathur</b> , "Two Stage Power Generation Using Hydroelectric and Osmotic Energy", International Journal of Applied Engineering Research, Vol 8 No. 7, 2013, Jawaharlal Nehru University, New Delhi.	Mar 16-17, 2013	1-4

## PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES

### First Half of 2013

#### 1. NAME OF THE FACULTY MEMBER: Dr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Dr. S. M. Khot, Ms. Shamim Pathan</b> “Experimental Investigation of an Effect of Unbalance and Misalignment in Frequency Spectrum” International Conference on Emerging Trends in Engineering (ICETE-2013), NMAM Inst. Of Tech., Nilte, Karkala, Udpi, Karnataka	May 15 & 16	28-29

#### 2. NAME OF THE FACULTY MEMBER: Mr. T. Mathewlal.

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>T. Mathewlal</b> , “Selection of an Aproprate Air Distribution System for an Office Space using CFD Flow Analysis”, International Conference on Emerging Trend in Mechanical Engineering, G H Patel College of Engg and Tech, Gujrat	Jan 4-5, 2013	21-27

#### 3. NAME OF THE FACULTY MEMBER: Mr. Nitesh Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Nitesh Yelve, Negarullah Khan</b> , “Analysis of Traction Separation in Double Cantilever Beam using Cohesive Zone Modeling”, International Conference ICMIE – 2013, Pune.	Mar 17, 2013	15-20

#### 4. NAME OF THE FACULTY MEMBER: Mr. Aqleem Siddiqui

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Chetan Dhuri, Aditya Masur, Aniket Warang, Aditya Sudhir, <b>Aqleem Siddiqui</b> , Nitin Gurav, “Selection, Modification and Analysis of Steering Mechanism for an all Terrain Vehicle”, International Conference ICMME – 2013, Pune.	Mar 23, 2013	1-14

#### 5. NAME OF THE FACULTY MEMBER: Ms. Shamim Pathan



<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Dr. S. M. Khot, <b>Ms. Shamim Pathan</b> “Experimental Investigation of an Effect of Unbalance and Misalignment in Frequency Spectrum” International Conference on Emerging Trends in Engineering (ICETE-2013), NMAM Inst. Of Tech., Nilte, Karkala, Udpi, Karnataka	May 15 & 16	28-29

**6. NAME OF THE FACULTY MEMBER:** Mr. Nitin Gurav

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Chetan Dhuri, Aditya Masur, Aniket Warang, Aditya Sudhir, Aqleem Siddiqui, <b>Nitin Gurav</b> , “Selection, Modification and Analysis of Steering Mechanism for an all Terrain Vehicle”, International Conference ICMMME – 2013, Pune.	Mar 23, 2013	1-14

## **PAPERS PUBLISHED IN NATIONAL CONFERENCES**

**First Half of 2013**

**1. NAME OF THE FACULTY MEMBER:** Mr. Nanaji Kshirsagar

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nanaji Kshirsagar</b> , Awneesh Yadav, Santosh Jadhav, Gunjan Nagdive, Shivprasad Velappan, Amogh Pardeshi “Analysis of Gas Foil Bearing” National Conference on Innovations in Mechanical Engineering – NCIME – 13, Angallu, Madanapalle	21,22 June,2013	1-7

**PAPERS PUBLISHED IN JOURNALS**

**Second Half of 2012**

**1. NAME OF THE FACULTY MEMBER:** Dr. S. M. Khot

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr. S. M. Khot</b> and Nitesh Yelve “Extraction of System Model from FEM and Simulation Study of Active Vibration Control”, The Scientific Journal of Vibration Institute of India, Vol-11 No. 3	July-Sept, 2012	1-25

**2. NAME OF THE FACULTY MEMBER:** Mr. Nitesh Yelve

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Dr. S. M. Khot and <b>Nitesh Yelve</b> “Extraction of System Model from FEM and Simulation Study of Active Vibration Control”, The Scientific Journal of Vibration Institute of India, Vol-11 No. 3	July-Sept, 2012	1-25

## **PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES**

### **Second Half of 2012**

**1. NAME OF THE FACULTY MEMBER:** Mr. Nitin Gurav

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitin Gurav</b> , "Product Lifecycle Management : Integrating People, Information and Processes", International Conference on Recent Trends in Technology Management, Ideal Institute of Technology, Gaziabad	Dec. 17-18, 2012	1-8

## PAPERS PUBLISHED IN NATIONAL CONFERENCES

### Second Half of 2012

1. NAME OF THE FACULTY MEMBER: Mr. Sanjay Rukhande

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Sanjay Rukhande</b> “Three Dimensional Geometric Model of Knee Implants by Reverse Engineering”, National Conference on Technologies for Physically Challenged, LTCOE, Koperkhairane.	Oct 13, 2012	1-7

## PAPERS PUBLISHED IN JOURNALS

### First Half of 2012

1. NAME OF THE FACULTY MEMBER: Mr. Nanaji Kshirsagar

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Sanjay W. Rukhande, <b>Nanaji Kshirsagar</b> “The Fault Diagnosis in Rolling Element Bearings – A Review”, International Journal of Innovation in Mechanical and Automobile Engg, Issue – II / ISSN: 2249-2968	March 2012	1-7

2. NAME OF THE FACULTY MEMBER: Mr. Sanjay W. Rukhande

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Sanjay W. Rukhande</b> , Nanaji Kshirsagar “The Fault Diagnosis in Rolling Element Bearings – A Review”, International Journal of Innovation in Mechanical and Automobile Engg, Issue – II / ISSN: 2249-2968	March 2012	1-7

## PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES

### First Half of 2012

#### 1. NAME OF THE FACULTY MEMBER: Dr. S.M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Dr. S. M. Khot</b> and Aqleem Siddiqui, "Suspension Optimization of SUV using Jenetic Algorithm and Pattern Search", International Conference on Advance Research in Mechanical Engineering, ISBN : 978-93-81693-95-7	May 19, 2012	1-4

#### 2. NAME OF THE FACULTY MEMBER: Mr. T. Mathewlal.

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>T. Mathewlal</b> and Santosh Chauhan, "Reduction of Liquid Desiccant carryover in Hybrid Airconditioning System", International Conference on Advances in Mechanical Engineering, Amrutvahini College of Engg, Sangamner, MH	March12-14, 2012	5-9

#### 3. NAME OF THE FACULTY MEMBER: Mr. Nanaji Kshirsagar.

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Nanaji Kshirsagar</b> and Awneesh Yadav, "Analysis and Crack Growth Behavior of Nuclear Piping Materials using Experimental and J-Contour Intergral Methods", International Conference on Advances in Engineering Science and Management, ISBN : 978-81-909042-2-3	March30-31, 2012	10-14

#### 4. NAME OF THE FACULTY MEMBER: Mr. Aqleem Siddiqui.

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Dr. S. M. Khot</b> and <b>Aqleem Siddiqui</b> , "Suspension Optimization of SUV using Jenetic Algorithm and Pattern Search", International Conference on Advance Research in Mechanical Engineering, ISBN : 978-93-81693-95-7	May 19, 2012	1-4

#### 5. NAME OF THE FACULTY MEMBER: Mr. Santosh Chauhan.

Sr.	DETAILS OF PAPERS PUBLISHED	Date	Page
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No.			Nos.
1.	T. Mathewlal and <b>Santosh Chauhan</b> , “Reduction of Liquid Desiccant carryover in Hybrid Airconditioning System”, International Conference on Advances in Mechanical Engineering, Amrutvahini College of Engg, Sangamner, MH	March12-14, 2012	5-9

**6. NAME OF THE FACULTY MEMBER:** Mr. Awneesh Yadav.

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Nanaji Kshirsagar and <b>Awneesh Yadav</b> , “Analysis and Crack Growth Behavior of Nuclear Piping Materials using Experimental and J-Contour Intergral Methods”, International Conference on Advances in Engineering Science and Management, ISBN : 978-81-909042-2-3	March30-31, 2012	10-14

## PAPERS PUBLISHED IN NATIONAL CONFERENCES

### First Half of 2012

#### 1. NAME OF THE FACULTY MEMBER: Dr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Dr. S. M. Khot</b> and Nitesh Yelve “Virtual Instrumentation for Temperature Measurement”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	1-4
2	<b>Dr. S. M. Khot</b> and Girish Dalvi “Numerical Investigation of Flow around Side by Side Square Cylinders”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	5-7
3	<b>Dr. S. M. Khot</b> and Shamim Pathan “Experimental Investigation of Effect of Parallel Misalignment in Rotating Machinery”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	8-10
4	<b>Dr. S. M. Khot</b> “Comparative Study of Cooling Jacket Models of a Diesel Engine using CFD Analysis”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	11-16

#### 2. NAME OF THE FACULTY MEMBER: Mr. Nilaj Deshmukh

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	<b>Nilaj Deshmukh</b> and Deepak D. “Data Acquisition System for Internal Combustion Engine”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	17-19

#### 3. NAME OF THE FACULTY MEMBER: Mr. T. Mathewlal

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	T. Mathewlal “Design of Air Distribution System based on Fuel Flow Analysis”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	20-22

#### 4. NAME OF THE FACULTY MEMBER: Mr. Nitesh Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Dr. S. M. Khot and <b>Nitesh Yelve</b> “Virtual Instrumentation for Temperature Measurement”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	1-4

#### 5. NAME OF THE FACULTY MEMBER: Mr. Nanaji Kshirsagar

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
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1	<b>Nanaji Kshirsagar</b> and Awneesh Yadav “Surface Finish Optimization by Taguchi Method”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	23-27
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**6. NAME OF THE FACULTY MEMBER:** Mr. Aqleem Siddiqui

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	<b>Aqleem Siddiqui</b> and Nitin Gurav “Design through Engineering Integration of a Connecting Rod”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	28-29

**7. NAME OF THE FACULTY MEMBER:** Mr. Prasad Bari

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	<b>Prasad Bari</b> and Suvarna Rode “Dielectric Fluid in Electro-Dichrge Fluid”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	36-38

**8. NAME OF THE FACULTY MEMBER:** Mr. Sanjay Rukhande

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	<b>Sanjay Rukhande</b> and Shamim Pathan “Conditioning Monitoring for Fault Diagnosis of Bearing”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	30-33
2	<b>Sanjay Rukhande</b> and Shamim Pathan “Design and Development of Micro Savonius type VAWT”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	34-35

**9. NAME OF THE FACULTY MEMBER:** Ms. Shamim Pathan

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Dr. S. M. Khot and <b>Shamim Pathan</b> “Experimental Investigation of Effect of Parallel Misalignment in Rotating Machinery”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	8-10
2	Sanjay Rukhande and <b>Shamim Pathan</b> “Conditioning Monitoring for Fault Diagnosis of Bearing”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	30-33
3	Sanjay Rukhande and <b>Shamim Pathan</b> “Design and Development of Micro Savonius type VAWT”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	34-35

**10. NAME OF THE FACULTY MEMBER:** Mr. Bipin Mashilkar

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	<b>Bipin Mashilkar</b> and Deepak D. “Echo-Friendly Campus with Green Technology”, NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	39-41



**11. NAME OF THE FACULTY MEMBER: Mr. Nitin Gurav**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Aqleem Siddiqui and <b>Nitin Gurav</b> "Design through Engineering Integration of a Connecting Rod", NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	28-29

**12. NAME OF THE FACULTY MEMBER: Mr. Awneesh Yadav**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Nanaji Kshirsagar and <b>Awneesh Yadav</b> "Surface Finish Optimization by Taguchi Method", NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	23-27

**13. NAME OF THE FACULTY MEMBER: Ms. Suvarna Rode**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Prasad Bari and <b>Suvarna Rode</b> "Dielectric Fluid in Electro-Dichrge Fluid", NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	36-38

**14. NAME OF THE FACULTY MEMBER: Mr. Deepak D.**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Nilaj Deshmukh and <b>Deepak D.</b> "Data Acquisition System for Internal Combustion Engine", NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	17-19
2	Bipin Mashilkar and <b>Deepak D.</b> "Echo-Friendly Campus with Green Technology", NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	39-41

**15. NAME OF THE FACULTY MEMBER: Mr. Girish Dalvi**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Dr. S. M. Khot and <b>Girish Dalvi</b> "Numerical Investigation of Flow around Side by Side Square Cylinders", NCNTE-2012, FCRIT, Vashi.	Feb, 24-25, 2012	5-7

**PAPERS PUBLISHED IN NATIONAL CONFERENCES****Second Half of 2011****1. NAME OF THE FACULTY MEMBER: Dr. S.M. Khot**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>S.M. Khot</b> , Nitesh P. Yelve, Ruchita Harjai, Mohd Ameen Nevrekar, Pritee Salunke and Hemant Hogade, "Virtual	July 7-8, 2011	

	Instrumentation for Speed Measurement”, Proceedings of National Conference on Recent Advances in Mechanical Engineering, NCRAME-2011, RVR&JC COE, Guntur		
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**2. NAME OF THE FACULTY MEMBER:** Mr. Nitesh P. Yelve

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	S.M. Khot, <b>Nitesh P. Yelve</b> , Ruchita Harjai, Mohd Ameen Nevrekar, Pritee Salunke and Hemant Hogade, “Virtual Instrumentation for Speed Measurement”, Proceedings of National Conference on Recent Advances in Mechanical Engineering, NCRAME-2011, RVR&JC COE, Guntur	July 7-8, 2011	

## PAPERS PUBLISHED IN JOURNALS

### First Half of 2011

#### 1. NAME OF THE FACULTY MEMBER: Dr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>S.M. Khot</b> , Nitesh Yelve, “Estimation of geometrical parameters of machine elements based on statistical methods to avoid resonance”, Journal of Vibration and Control, SAGE Publications, DOI: 1077546311403793	May 2011	1-3
2.	<b>S.M. Khot</b> , Nitesh Yelve, Rajat Tomar, Sameer Desai, S. Vittal, “Active vibration control of cantilever beam by using PID based output feedback controller”, Journal of Vibration and Control, SAGE Publications, DOI: 1077546311406307	May 2011	4-7

#### 2. NAME OF THE FACULTY MEMBER: Mr. Nitesh P. Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	S.M. Khot, <b>Nitesh Yelve</b> , “Estimation of geometrical parameters of machine elements based on statistical methods to avoid resonance”, Journal of Vibration and Control, SAGE Publications, DOI: 1077546311403793	May 2011	1-3
2.	S.M. Khot, <b>Nitesh Yelve</b> , Rajat Tomar, Sameer Desai, S. Vittal, “Active vibration control of cantilever beam by using PID based output feedback controller”, Journal of Vibration and Control, SAGE Publications, DOI: 1077546311406307	May 2011	4-7

## PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES

### First Half of 2011

#### 1. NAME OF THE FACULTY MEMBER: MR Nanaji Kshirsagar

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Sanjay W. Rukhande, <b>Nanaji Kshirsagar</b> and Sachin B.Bhatt, "Design and Analysis of Three Strut Tensegrity Structure", International Conference on Advances in Engineering and Technology, Nagapattinam, Tamilnadu	May 27-28, 2011	1-6

#### 2. NAME OF THE FACULTY MEMBER: MR. Sanjay Rukhande.

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Sanjay W. Rukhande</b> , Nanaji Kshirsagar and Sachin B.Bhatt, "Design and Analysis of Three Strut Tensegrity Structure", International Conference on Advances in Engineering and Technology, Nagapattinam, Tamilnadu	May 27-28, 2011	1-6

## **PAPERS PUBLISHED IN NATIONAL CONFERENCES**

### **First Half of 2011**

#### **1. NAME OF THE FACULTY MEMBER: MR. C.M.Choudhari.**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	C.M.Choudhari "Design, Modeling and Analysis of Combustor of Gas Turbine", National Conference on Emerging Trends in Engineering and Technology , SRESCE, Kopargaon.	March.12-13 2011	1-2

#### **2. NAME OF THE FACULTY MEMBER: MR. Nilaj Deshmukh.**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Nilaj Deshmukh "Review of Vegetable Oil as Alternative Fuel For Internal Combustion Engine (CI Engine)", National Conference on Emerging Trends in Engineering and Technology , SLRTCE, Mira road and NIIT.	March.11 2011	3-5

#### **3. NAME OF THE FACULTY MEMBER: MR. Sanjay Rukhande.**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Sanjay Rukhande & Sachin Kulkarni "Design of A Spur Gear Through Parametric Modeling Approach", National Level Conference 2011, BRIGCE, Kegaon, Solapur.	March. 26 2011	6-10
2.	Sanjay Rukhande and Pallavi Khaire, "Design and Development of Savonius Type Micro VAWT", A National Conference on Emerging Trends in Mechanical Engineering, PVPIT, Budhgaon, Sangali 416304	March. 5, 2011	11-15

#### **4. NAME OF THE FACULTY MEMBER: MR. Sachin Kulkarni.**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Sachin Kulkarni and Sanjay Rukhande "Design of A Spur Gear Through Parametric Modeling Approach", National Level Conference 2011, BRIGCE, Kegaon, Solapur.	March. 26 2011	6-10

#### **5. NAME OF THE FACULTY MEMBER: Mr. Bipin Mashilkar**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
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1.	Prakash R. Chaudhari, V.S. Jorapur, Bipin Mashilkar and S.D. Kulkarni, “Analysis of Discrete Manufacturing System of Transmission Shafts and Gears for its Optimum Performance (Simulation of Manufacturing Process using Arena Simulation Software)”, Proceedings of International Conference on Sunrise Technologies, BSDCOEAP., Dhule	Jan. 13-15, 2011	16-23
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**6. NAME OF THE FACULTY MEMBER:** Mr. Praseed Kumar

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Praseed Kumar & Pallavi Khaire, “Ultrasonic Machining of Tough Materials: A Review”, A National Conference on Emerging Trends in Mechanical Engineering, PVPIT, Budhgaon, Sangali	March. 5, 2011	24-25

**7. NAME OF THE FACULTY MEMBER:** Ms. Pallavi Khaire

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Pallavi Khaire and Sanjay Rukhande “Design and Development of Savonius Type Micro VAWT”, A National Conference on Emerging Trends in Mechanical Engineering, PVPIT, Budhgaon, Sangali 416304.	March. 5, 2011	12-15
2.	Pallavi Khaire & Praseed Kumar “Ultrasonic Machining of Tough Materials: A Review”, A National Conference on Emerging Trends in Mechanical Engineering, PVPIT, Budhgaon, Sangali	March. 5, 2011	24-25

## **PAPERS PUBLISHED IN JOURNALS**

### **II Half of 2010**

**1. NAME OF THE FACULTY MEMBER:** Dr. S. M. Khot

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>S.M.Khot</b> , Nitesh Yelve, “Modeling and Response Analysis of Dynamic Systems by using ANSYS <sup>®</sup> and MATLAB <sup>®</sup> ”, Online International Journal of Vibration and Control, 17(6), pp 953-958, SAGE Publications	2010	1-3

**2. NAME OF THE FACULTY MEMBER:** Mr. Nitesh P. Yelve

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	S.M.Khot, <b>Nitesh Yelve</b> , “Modeling and Response Analysis of Dynamic Systems by using ANSYS <sup>®</sup> and MATLAB <sup>®</sup> ”, Online International Journal of Vibration and Control, 17(6), pp 953-958, SAGE Publications	2010	1-3

## PAPERS PUBLISHED IN NATIONAL CONFERENCES

### Second Half of 2010

#### **1. NAME OF THE FACULTY MEMBER:** Mr. Kshirsagar Nanaji

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Sachin B. Bhatt, Sanjay W. Rukhande and <b>Nanaji Kshirsagar</b> , "Analysis of Form Finding of Three Strut Tensegrity Structure", Proceedings of National Conference on Advances in Mechanical and Electrical Engineering, Annasaheb Dange COE&T, Ashta, Sangli	July 2-3, 2010	20-23

#### **2. NAME OF THE FACULTY MEMBER:** Mr. Sanjay W. Rukhande

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Sachin B. Bhatt, <b>Sanjay W. Rukhande</b> and Nanaji Kshirsagar, "Analysis of Form Finding of Three Strut Tensegrity Structure", Proceedings of National Conference on Advances in Mechanical and Electrical Engineering, Annasaheb Dange COE&T, Ashta, Sangli	July 2-3, 2010	20-23

#### **3. NAME OF THE FACULTY MEMBER:** Mr. Awneesh Yadav

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Awneesh B. Yadav, Kamlesh Kumar Sahu and S.G. Jadhav, "Cyclic Elastic Plastic Analysis of CT Specimen and Cracked Pipes made of Nuclear Piping Material", Proceedings of National Conference on Recent Trends in Mechanical Engineering, Datta Meghe COE, Airoli	Aug. 28-29, 2010	1-10
2.	A B. Yadav, Jadhav S.G. and Kamlesh Kumar Sahu, "18MW Beam Dump Analysis of High Energy Electron/positron Beam by using CFD Tools", Proceedings of National Conference on Recent Trends in Mechanical Engineering, Datta Meghe COE, Airoli	Aug. 28-29, 2010	11-19



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Year 2009-10

### 1. NAME OF THE FACULTY MEMBER: Mr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>S.M.Khot</b> , Nitesh Yelve, Pankaj S. Patil, "Simulation Study of Active Vibration Control of Clamped-Clamped Beam by using Two Piezoelectric Actuators", International Journal of Computer Applications in Engineering, Technology and Sciences (IJ-CA-ETS), ISSN: 0974-3596, Volume 2, Issue 1, pp 188-193	Oct. 2009- Mar. 2010	1-3

### 2. NAME OF THE FACULTY MEMBER: Mr. Nitesh P. Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Nitesh Yelve</b> , Anil Naik, Shraddha Ramane, Prithviraj Daga, Inderjit Johal, "Simulation of Cold Press Fitting of Railway Wheel-Set by using PRO-E and ANSYS", International Journal of Computer Applications in Engineering, Technology and Sciences (IJ-CA-ETS), ISSN: 0974-3596, Volume 2, Issue 1, pp 350-353	Oct. 2009- Mar. 2010	4-5
2.	<b>S.M.Khot</b> , Nitesh Yelve, Pankaj S. Patil, "Simulation Study of Active Vibration Control of Clamped-Clamped Beam by using Two Piezoelectric Actuators", International Journal of Computer Applications in Engineering, Technology and Sciences (IJ-CA-ETS), ISSN: 0974-3596, Volume 2, Issue 1, pp 188-193	Oct. 2009- Mar. 2010	1-3

### 3. NAME OF THE FACULTY MEMBER: Mr. Nilaj Deshmukh

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Nilaj Deshmukh</b> , Umesh Kantute, S.H.Kulkarni "Vibration Measurement in an I.C. Engine using Data Acquisition System" International Journal of Engineering Studies ISSN 0975-6469 Vol-2 Number 1 (2010) pp 37-43	2010	6-9

## PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES

Year 2009-10

**1. NAME OF THE FACULTY MEMBER:** Mr. S. M. Khot

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>S.M.Khot</b> , Nitesh Yelve, Himanshu Paretkar, Kunjal Kapadia, Nikhil Sehgal, Vivek Hariharan, "Evolution of Mathematical Function Based on Statistical Methods for Determination of Geometrical Parameters for Known Natural Frequency of Structural Elements", Proceedings of International Conference on Advances in Mechanical Engineering, SVNIT Surat, Gujarat, pp 678-682	Aug. 3-5, 2009	32-36
2.	A. Joshi, <b>S.M.Khot</b> , "Favourable Locations of Discrete Piezo-Patches in Clamped Tapered Plates", AIAA-2009-2136, 50 <sup>th</sup> AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials conference, 17 <sup>th</sup> AIAA/ASME/AHS Adaptive Structures Conference, 11 <sup>th</sup> AIAA , Palm Springs, California	May 4-7, 2009	1-18

**2. NAME OF THE FACULTY MEMBER:** Mr. Nilaj Deshmukh

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nilaj N. Deshmukh</b> , Dileep Malkhede, "Comparison of Properties and Performance of Jatropha Curcas Oil with Soyabin Oil as Biodiesel Source", Proceedings of New Frontiers in Biofuels organized by Delhi Technological University	Jan. 18-19, 2010	24-29
2.	<b>Nilaj N. Deshmukh</b> , Dileep Malkhede, "Experimental Performance Analysis of Single Cylinder Diesel Engine with Blends of Food Grain based and Non Food Grain based Biodiesel", Proceedings of ICAMME 2009 organized by World Academy of Science Engineering and Technology, Bangkok, Thailand, pp 968-971	Dec. 25-27, 2009	30-31
3.	Umesh Kankute, <b>Nilaj N. Deshmukh</b> , S.H. Kulkarni, "Measurement of Physical Parameters of Four Stroke Single Cylinder I.C. Engine using DAQ", Proceedings of International Conference on Advances in Mechanical Engineering, SVNIT Surat, Gujarat, pp 186-190	Aug. 3-5, 2009	37-41

**3. NAME OF THE FACULTY MEMBER:** Mr. Nitesh P. Yelve

<b>Sr.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page</b>
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No.			Nos.
1.	S.M.Khot, <b>Nitesh Yelve</b> , Himanshu Paretkar, Kunjal Kapadia, Nikhil Sehgal, Vivek Hariharan, “Evolution of Mathematical Function Based on Statistical Methods for Determination of Geometrical Parameters for Known Natural Frequency of Structural Elements”, Proceedings of International Conference on Advances in Mechanical Engineering, SVNIT Surat, Gujarat, pp 678-682	Aug. 3-5, 2009	32-36

**4. NAME OF THE FACULTY MEMBER:** Mr. Purnendu Hajra

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Purnendu Hajra</b> , Prasad More, Johnson Nellisery, Nirranjan Pai, Soumik Sarkar, Punam Chavan, Neeta Pise, Vishal Wareshi, and Nitin Shetty, “Generation of Power and Bio-fuel Utilizing Wastes”, Proceedings of International Conference on Advances in Renewable Energy, Maulana Azad NIT, Bhopal	Jun.24-26, 2010	19-23

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### Year 2009-10

#### 1. NAME OF THE FACULTY MEMBER: Mr. Kshirsagar Nanaji

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Kshirsagar Nanaji</b> , Mukadam Saif, Patil Nilesh, Sawant Madhav, Badhe Mukul, Dhake Vishal, "Analysis of Radiator Fan of WDM-2 Loco Engine for Efficiency Improvement", Proceedings of National Conference NCSAME-2009, JNTU University Hyderabad College of Engineering, Hyderabad	Aug. 20-21, 2009	23-32

#### 2. NAME OF THE FACULTY MEMBER: Mr. Prasad Bari

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Rahul P. Kakade, Prasad Bari, "SMED – An Approach for Reduction in Changeover Time", Proceedings of National Conference on Recent Trends in Engineering and Technology, Agnel Polytechnic, Vashi	Oct. 30-31, 2009	5-11

#### 3. NAME OF THE FACULTY MEMBER: Mr. Sanjay Rukhande

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Shamim Pathan, Pallavi Khaire, <b>Sanjay Rukhande</b> and Praseed Kumar, "Design of Cold Storage using Nitrile Rubber", Proceedings of National Conference on Nascent Technologies in Engineering (NCNTE 2010), Fr.C.R.I.T., Vashi, pp 69-72	Feb. 25-26, 2010	3-4
2.	Bipin Mashilkar, V.S. Jorapur, Vijay Mali, <b>Sanjay Rukhande</b> , "CFD Analysis for Heat Transfer Enhancement in a Rectangular Solar Air Heater Duct by using Artificial Roughness", Proceedings of National Conference NCSAME-2009, JNTU University Hyderabad College of Engineering, Hyderabad	Aug. 20-21, 2009	16-22

#### 4. NAME OF THE FACULTY MEMBER: Mr. Sachin Kulkarni

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Nitin Gurav, Sachin Kulkarni, "Design and Fabrication of the Foot Scooter using Bamboo as a Engineering Structural Element", Proceedings of National Conference ZENITH 2009 at Agnel Polytechnic, Vashi	Oct. 30-31, 2009	11A-11G

#### 5. NAME OF THE FACULTY MEMBER: M. Shamim Pathan

Sr.	DETAILS OF PAPERS PUBLISHED	Date	Page
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No.			Nos.
1.	<b>Shamim Pathan</b> , Pallavi Khaire, Sanjay Rukhande and Praseed Kumar, "Design of Cold Storage using Nitrile Rubber", Proceedings of National Conference on Nascent Technologies in Engineering (NCNTE 2010), Fr.C.R.I.T., Vashi, pp 69-72	Feb. 25-26, 2010	3-4
2.	Praseed Kumar, <b>Shamim Pathan</b> , "Micro Electro Mechanical Systems", Proceedings of National Conference on Recent Trends in Engineering and Technology, Agnel Polytechnic, Vashi	Oct. 30-31, 2009	12-15

**6. NAME OF THE FACULTY MEMBER:** Mr. Santosh Chauhan

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	S.V.K. Reddy, <b>Santosh Chauhan</b> , Pankaj Goyal, Madhav Krishna, Tanmoy Majumdar, Bhargav Rajkhowa and Vikas Gaikwad, "Hybrid Air-conditioning System with Solution Heat Exchanger", Proceedings of National Conference on Nascent Technologies in Engineering, Fr.C.R.I.T., Vashi, pp 73-76	Feb. 25-26, 2010	1-2

**7. NAME OF THE FACULTY MEMBER:** Mr. Praseed Kumar

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Shamim Pathan, Pallavi Khaire, Sanjay Rukhande and <b>Praseed Kumar</b> , "Design of Cold Storage using Nitrile Rubber", Proceedings of National Conference on Nascent Technologies in Engineering (NCNTE 2010), Fr.C.R.I.T., Vashi, pp 69-72	Feb. 25-26, 2010	3-4
2.	<b>Praseed Kumar</b> , Shamim Pathan, "Micro Electro Mechanical Systems", Proceedings of National Conference on Recent Trends in Engineering and Technology, Agnel Polytechnic, Vashi	Oct. 30-31, 2009	12-15

**8. NAME OF THE FACULTY MEMBER:** Mr. Bipin Mashilkar

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Bipin Mashilkar</b> , V.S. Jorapur, Vijay Mali, Sanjay Rukhande, "CFD Analysis for Heat Transfer Enhancement in a Rectangular Solar Air Heater Duct by using Artificial Roughness", Proceedings of National Conference NCSAME-2009, JNTU University Hyderabad College of Engineering, Hyderabad	Aug. 20-21, 2009	16-22

**9. NAME OF THE FACULTY MEMBER:** Ms. Pallavi Khaire

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Shamim Pathan, <b>Pallavi Khaire</b> , Sanjay Rukhande and Praseed Kumar, "Design of Cold Storage using Nitrile Rubber",	Feb. 25-26, 2010	3-4

	Proceedings of National Conference on Nascent Technologies in Engineering (NCNTE 2010), Fr.C.R.I.T., Vashi, pp 69-72		
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**10. NAME OF THE FACULTY MEMBER:** Mr. Nitin Gurav

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Nitin Gurav, Sachin Kulkarni, "Design and Fabrication of the Foot Scooter using Bamboo as a Engineering Structural Element", Proceedings of National Conference ZENITH 2009 at Agnel Polytechnic, Vashi	Oct. 30-31, 2009	11A-11G

## PAPERS PUBLISHED IN INTERNATIONAL CONFERENCES

### Year 2008-09

#### 1. NAME OF THE FACULTY MEMBER: Mr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Nitesh Yelve, <b>S.M.Khot</b> , A.J.Kothadia, "Modeling & response analysis of Dynamic suprmes by using ANSIS & MATLAB" Proceeding of international conference on "Advances in Mechanical Engineeiring" CICAME'2008, S.V.N.I.T.,Surat ,Gujrat,India.	Dec. 15-17,2008	16-24
2	<b>S.M. Khot</b> , Nitesh P. Yelve, Ramya Iyer, "Active Vibration Control of Cantilever Beam by using Optimal (LQR) Controller", Proceedings of International Conference on Total Engineering, Analysis and Manufacturing Technologies (TEAM Tech 2008), J.N. Tata Auditorium, IISc Bangalore, Bangalore	Sept. 22-24, 2008	25-35
3	<b>S.M. Khot</b> , A. Joshi, "Identification of High Control Effectiveness Zones in Clampe-Clamped Tapered Plates", INCAST-2008, Bangalore	June 26-28, 2008	43-48

#### 2. NAME OF THE FACULTY MEMBER: Mr. Nilaj Deshmukh

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Umesh Kankute, Nilaj Deshmukh and S.H. Kulkarni, "Comparative Study of Hybrid Vehicles", International conference on Emerging Research and Advances in Mechanical Engineering, Chennai	March 19-21, 2009	1-6
2.	Nilaj Deshmukh, Pallavi Khaire, "Design & fabrication of speed controller & storage system for Wind mil", International Conference organized by MULSI Institute of Technology & Research Pune	Feb. 16-18,2009	7-11
3.	Nilaj Deshmukh, "Desgin & fabrication of Wind mill for small application", International Conference ICEE2009, Pondechery Engineering College.	Jan 7-9,2009	12-15B
4.	Nilaj Deshmukh, Amol Thorat, Vaibhav Rakshe, Kamlesh Chawla, Pawan Motwani, Mandar Koli, "Evaluation of Non-food based Biodiesel for Low Carbon Vehicle", Proceedings of International Conference on Total Engineering, Analysis and Manufacturing Technologies (TEAM Tech 2008), J.N. Tata Auditorium, IISc Bangalore, Bangalore	Sept. 22-24, 2008	36-42

#### 3. NAME OF THE FACULTY MEMBER: Mr. Nitesh P. Yelve

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nitesh Yelve</b> , S.M.Khot, A.J.Kothadia, “Modeling & response analysis of Dynamic systems by using ANSYS & MATLAB” Proceeding of international conference on “Advances in Mechanical Engineeiring” CICAME’2008, S.V.N.I.T.,Surat ,Gujrat,India.	Dec. 15-17,2008	16-24
2.	S.M. Khot, <b>Nitesh P. Yelve</b> , Ramya Iyer, “Active Vibration Control of Cantilever Beam by using Optimal (LQR) Controller”, Proceedings of International Conference on Total Engineering, Analysis and Manufacturing Technologies (TEAM Tech 2008), J.N. Tata Auditorium, IISc Bangalore, Bangalore	Sept. 22-24, 2008	25-35

**4. NAME OF THE FACULTY MEMBER:** Ms. Pallavi Khaire

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Nilaj Deshmukh, Pallavi Khaire, “Design & fabrication of speed controller & storage system for Windmill”, International Conference organized by MULSI Institute of Technology & Research Pune	Feb. 16-18,2009	7-11



## PAPERS PUBLISHED IN NATIONAL CONFERENCES

### Year 2008-09

#### 1. NAME OF THE FACULTY MEMBER: Mr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>S.M. Khot</b> , Nitesh P. Yelve, Himanshu Paretkar, Nikhil Sehgal, "An Investigation on Design for Assembly", Proceedings of National Conference on 'Emerging Trends in Engineering and Technology' (Sanjivani Vision - 08), Kopargaon	Aug. 8-9, 2008	14-16

#### 2. NAME OF THE FACULTY MEMBER: Mr. Nitesh P. Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Nitesh P. Yelve, Himanshu Paretkar, Nikhil Sehgal, Madhav Krishna, "Impact of Renewable Energy on Hydrogen Generation for Fuel Cells used in Transportation Sector in Mumbai", Proceedings of National Conference ETIME 2008, B.M.S. College of Engineering, Bangalore	Aug. 28-29, 2008	13
2.	S.M. Khot, <b>Nitesh P. Yelve</b> , Himanshu Paretkar, Nikhil Sehgal, "An Investigation on Design for Assembly", Proceedings of National Conference on 'Emerging Trends in Engineering and Technology' (Sanjivani Vision - 08), Kopargaon	Aug. 8-9, 2008	14-16

#### 3. NAME OF THE FACULTY MEMBER: Mr.Kshirsagar Nanaji

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Attended and Presented Paper on ' Analysis and control of modeled double flexure manipulator' in National Conference on ' Advance in Mechanical Engineering' at R.G.Institute of Technology Association with Bhabha Atomic Reserch centre, Mumbai	Jan. 15-16, 2009	1-6

#### 4. NAME OF THE FACULTY MEMBER: Mr.Sanjay Rukhande

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Sanjay Rukhande, Participated and Presented a Paper on 'F.E.Analysis For Rail Wheel Assembly of EOT Crane' at NUCONE 2008 3 <sup>rd</sup> conference on "CURVE Trends in Technology"	Nov. 27-29, 2008	7-12

### Year 2007-08

## JOURNALS

**1. NAME OF THE FACULTY MEMBER:** Dr. S. V. Kota. Reddy (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr. S.V.K.Reddy</b> , P. Gandhi, K. Nage, R. Pase, J. Wadke, "Energy conservation in window air conditioners", Journal of 'Air conditioning & Refrigerationl'	July – Sep., 2007	15-24

**2. NAME OF THE FACULTY MEMBER:** Mr. S. M. Khot

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Joshi and <b>S. M. Khot</b> 2007, "Smart Actuator Effectiveness Improvement through Modal Analysis" Journal of Advances in Engineering Vibrations, 6, (3),195-207.	July – Sep., 2007	1-14

## Year 2007-08

### INTERNATIONAL CONFERENCE

#### 1. NAME OF THE FACULTY MEMBER: Dr. S. V. Kota. Reddy (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Dr. S.V.K.Reddy</b> , Ashpak Sheikh, P. Nilesh, J. Rohit, C. Swapnil and B. Parijat “Plastic Solar Water Heater”, Proceedings of ICAER-2007 <b>International Conference</b> on ‘Advances in Energy Research’, at Indian Institute of technology, Bombay, India	Dec, 12-14 2007	34-40
2.	<b>Dr. S.V.K.Reddy</b> , Galib Kazi, Alok Vaidya, Anubhav Saxena, Nikhil Naik, “Heat Pump assisted Dryer”, Proceedings of ACRECONF-2007 <b>International Conference</b> on ‘Challenges To Sustainability’, at Intercontinental Eros, New Delhi, India	Dec, 7-8, 2007	41-49
3.	<b>Dr. S.V.K.Reddy</b> , G.I.Panchal, A.B. Salvi, “Experimental Performance of Plastic Evaporative Pad”, Proceedings of ICRTME <b>International Conference</b> ‘Recent Trends in Mechanical Engineering’, at Ujjain, Ujjain Engg. College	Oct, 4-6, 2007	50-54

#### 2. NAME OF THE FACULTY MEMBER: Mr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Nitesh P. Yelve, <b>S.M. Khot</b> , A.J. Kothadia, “Simulation Study of Active Vibration Control”, Proceedings of <b>International Conference</b> on ‘Mechanical and Manufacturing Engineering’ (ICME 2008), Johor Bahru, Malaysia	May 21-22, 2008	1-8
2	A. Joshi and <b>S. M. Khot</b> , “Near optimal piezo-patch Placement Methodology in Clamped Rectangular plates”, presented in <b>International conference</b> of 49 <sup>th</sup> AIAA/ASME/ASCS/AHS/ASC Structures, structural Dynamics and Materials, 7-10 April 2008, Schaumburg IL, USA.	Apr. 7-10, 2008	9-21
3	<b>S.M. Khot</b> , Nitesh P. Yelve, Ramya Iyer, Amar Kamat, “A Feasibility Study of Extracting System Model from FEM Model by using ANSYS <sup>®</sup> and MATLAB <sup>®</sup> ”, Proceedings of <b>International Conference</b> on ‘Emerging Technologies and Applications in Engineering, Technology and Sciences’ (ICETAETS-2008), Rajkot, Gujarat, India, pp 1578-1583	Jan. 13-14, 2008	28-33
4	Nitesh P. Yelve, A.J. Kothadia, <b>S.M. Khot</b> , “Effect Analysis of System Parameters on Natural Frequency of Cantilever Beam by using the Concept of Statistical Design of Experiments”, Proceedings of <b>International Conference</b> on Total Engineering, Analysis and Manufacturing Technologies (TEAM Tech 2007), J.N. Tata Auditorium, IISc Bangalore, Bangalore	Oct. 4-6, 2007	55-58

**3. NAME OF THE FACULTY MEMBER:** Mr. Nitesh P. Yelve

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Anil E. Magare, <b>Nitesh P. Yelve</b> , Amit U. Kulkarni, Amit P. Kudva, Dhananjay A. Ipparathi, “Design, Fabrication and Testing of Vertical and Horizontal Surface Traversing (VHST) Robot”, Proceedings of Presentation at <b>International Conference</b> on ‘Emerging Technologies and Applications in Engineering, Technology and Sciences’ (ICETAETS-2008), Rajkot, Gujarat, India, pp 1257-1262	Jan. 13-14, 2008	22-27
2.	S.M. Khot, <b>Nitesh P. Yelve</b> , Ramya Iyer, Amar Kamat, “A Feasibility Study of Extracting System Model from FEM Model by using ANSYS <sup>®</sup> and MATLAB <sup>®</sup> ”, Proceedings of <b>International Conference</b> on ‘Emerging Technologies and Applications in Engineering, Technology and Sciences’ (ICETAETS-2008), Rajkot, Gujarat, India, pp 1578-1583	Jan. 13-14, 2008	28-33
3.	<b>Nitesh P. Yelve</b> , S.M. Khot, A.J. Kothadia, “Simulation Study of Active Vibration Control”, Proceedings of <b>International Conference</b> on ‘Mechanica and Manufacturing Engineering’ (ICME 2008), Johor Bahru, Malaysia	May 21-22, 2008	1-8
4.	<b>Nitesh P. Yelve</b> , A.J. Kothadia, S.M. Khot, “Effect Analysis of System Parameters on Natural Frequency of Cantilever Beam by using the Concept of Statistical Design of Experiments”, Proceedings of <b>International Conference</b> on Total Engineering, Analysis and Manufacturing Technologies (TEAM Tech 2007), J.N. Tata Auditorium, IISc Bangalore, Bangalore	Oct. 4-6, 2007	55-58

**4. NAME OF THE FACULTY MEMBER:** Mr. Girish I. Panchal (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr. S.V.K.Reddy</b> , G.I.Panchal, A.B.Salvi, “Experimental performance of Plastic Evaporative Pad”, Proceedings of ICRTME International Conference ‘Recent Trends in Mechanical Engineering’, at Ujjain, Ujjain Engg. College	Oct, 4-6, 2007	50-54

**2007-08**

**NATIONAL CONFERENCE**

**1. NAME OF THE FACULTY MEMBER:** Mr. C.M. Choudhari

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>C.M.Choudhari</b> , Alok Pashankar, “Integration of Rapid Prototyping and Prototype”, <b>National Conference</b> on ‘Nascent Technologies in Engineering Fields’ (NCNTE 2008), Vashi, Navi Mumbai	Feb. 29-Mar.1, 2008	3-8
2.	<b>C.M.Choudhari</b> , Nitesh Yelve & Venu Gopal “An Investgation on vibration characterstic of visco elastic materials by using taguchi method , anova & factor plots” <b>National Conference</b>	Jan,7-8,2008	9-14

**2. NAME OF THE FACULTY MEMBER:** Mr. Sandeep Deshmukh (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Deshmukh Sandeep H.</b> Preksha D’souza; Yogesh Tiwatne, Sitaram Burungale, Dhananjay Sawant, “Development of Stair Clambing transporter NACOMM-2007, 13 <sup>th</sup> <b>National Conference</b> on MSM & M/C, IISC – Bangalore	Dec 12-13, 2007	15-22
2.	<b>Deshmukh Sandeep H.</b> Preksha D’souza; Yogesh Tiwatne, Sitaram Burungale, Dhananjay Sawant, “Stair Clambing transporter”, <b>National Conference</b> on ETM , Surat	June 4-5,2007	12-32

**3. NAME OF THE FACULTY MEMBER:** Mr. Nilaj Deshmukh

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Nilaj Deshmukh</b> , Dinesh Yadav and Abhay Vade, “Power Generation from Wind Turbines”, <b>National Conference</b> , NCORE-2008	Mar. 23-25, 2008	1

**4. NAME OF THE FACULTY MEMBER:** Mr. Girish I. Panchal (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Girishkumar Panchal, Mohit Yadav and Saurabh Sinha, “Cogeneration: A Greener Energy Source”, <b>National Conference</b> , NCORE-2008	Mar. 23-25, 2008	2

**5. NAME OF THE FACULTY MEMBER:** Mr. Nitesh Yelve

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
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1.	C.M.Choudhari , <b>Nitesh Yelve</b> & Venu Gopal “An Investgation on vibration characterstic of visco elastic materials by using taguchi method , anova & factor plots” <b>National Conference</b>	Jan,7-8,2008	9-14
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**6. NAME OF THE FACULTY MEMBER:** Mr. Alok Pashankar(Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>C.M.Choudhari</b> , Alok Pashankar, “Integration of Rapid Prototyping and Prototype”, <b>National Conference</b> on ‘Nascent Technologies in Engineering Fields’ (NCNTE 2008), Vashi, Navi Mumbai	Feb. 29-Mar.1, 2008	3-8

**2006-07**

**INTERNATIONAL CONFERENCE**

**1. NAME OF THE FACULTY MEMBER:** Dr. S. V. Kota. Reddy (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr. S.V.K.Reddy</b> , G.I.Panchal, A.B.Salvi, “Ammonia-Liquid Desiccant Based Hybrid Air Conditioning System”, Proceedings of IIR <b>International Conference</b> ‘Ammonia Refrigeration Technology for Today and Tomorrow’, at Ohrid, Republic of Macedonia.(Skopje University)	April, 19-21, 2007	1-9

**2. NAME OF THE FACULTY MEMBER:** Mr. S. M. Khot

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>S.M.Khot</b> , A.Bagwe, S. Iyer and Nitin Gurav, “Performance Comparison of Various Controller in Active Vibration Control of Beams”, Proceedings of <b>International Conference</b> on ‘Advances in Manufacturing and Technology Management (ICAMTM - 2007) at, Parshvanath College of Engineering, Thane.	Jan. 18 - 20, 2007	33-36
2.	<b>S.M. Khot</b> , C.M. Choudhari, Nitesh P. Yelve, Jitendra K. Sardar, “An Investigation of Effect of System Parameters on Natural Frequency of Beam by Using Statistical Methods”, 2 <sup>nd</sup> <b>International Conference</b> on ‘Computational Mechanics and Simulation’ (ICCMS-06), IIT Guwahati	Dec. 8-10, 2006	48-55
3.	A. Joshi and <b>S. M. Khot</b> paper titled “A Simple Strategy for Piezo-Patch Placement in Adaptive Clamped Tapered Panels” is accepted for presentation and publication in the forthcoming 11th <b>International conference</b> on Nonlinear Vibrations, Stability and Dynamics of Structures to be held at Virginia Tech University, Blacksburg, VA, USA during Aug., 13-17, 2006	Aug., 13-17, 2006	62-64

**3. NAME OF THE FACULTY MEMBER:** Mr. C.M. Choudhari

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
3.	N.Venugopal, Nilaj N. Deshmukh, <b>C.M.Choudhari</b> , “Continuous Temperature Monitoring System in Engineering Application Using NI Lab View”, Proceedings of <b>Global conference</b> on ‘Production and Industrial Engineering’ (CPIE - 2007) at Dr.B.R.Ambedkar NIT, Jalandhar.	Mar. 22-24, 2007	16-20
2.	<b>C.M. Choudhari</b> , V.D. Patil, “Design and Development of Vacuum Clamping System”, Proceedings of <b>International Conference</b> on ‘Advances in Machine Design and Industry Automation’ at College of Engineering, Pune	Jan, 10-12, 2007	37-41
1.	S.M. Khot, <b>C.M. Choudhari</b> , Nitesh P. Yelve, Jitendra K. Sardar, “An Investigation of Effect of System Parameters on Natural Frequency of Beam by Using Statistical Methods”, 2 <sup>nd</sup> <b>International Conference</b> on ‘Computational Mechanics and Simulation’ (ICCMS-06), IIT Guwahati	Dec. 8-10, 2006	48-55

**4. NAME OF THE FACULTY MEMBER: Mr. Nilaj Deshmukh**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	N.Venugopal, <b>Nilaj N. Deshmukh</b> , C.M.Choudhari, “Continuous Temperature Monitoring System in Engineering Application Using NI Lab View”, Proceedings of <b>Global conference</b> on ‘Production and Industrial Engineering’ (CPIE – 2007) at Dr.B.R.Ambedkar NIT, Jalandhar.	Mar. 22-24, 2007	16-20
2.	N.Venugopal, <b>Nilaj Deshmukh</b> , “Virtual Instrument for Measuring Brake Power of I.C. Engine Using NI Lab VIEW” , Proceedings of <b>International Conference</b> on ‘Advances in machine Design and Industry Auromation’, Pune.	Jan, 10-12, 2007	42-47
3.	<b>Nilaj Deshmukh</b> , Dr. K.T.V.Reddy, Ramesh Moon, “Measurements of physical parameters of 2 stroke Internal Combustion Engines using Micro controller” Proceedings of <b>PCEA-IFTtoMM International Conference – PICA 2006</b> , Priyadarshini College of Engineering , Nagpur	July, 11-14, 2006	65-68

**5. NAME OF THE FACULTY MEMBER: Mr. Nitesh P. Yelve**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Anil E .Magare, <b>Nitesh Yelve</b> , Amit U Kulkarni, Amit P Kudva, Dhananjay A. Ipparthi, “Vertical and Horizontal surface traversing robot: Design Approach”, Proceedings of <b>Global conference</b> on ‘Production and Industrial Engineering’ (CPIE - 2007) at Dr.B.R.Ambedkar NIT, Jalandhar.	March, 22-24, 2007	10-15
2.	S.M. Khot, C.M. Choudhari, <b>Nitesh P. Yelve</b> , Jitendra K. Sardar, “An Investigation of Effect of System Parameters on Natural Frequency of Beam by Using Statistical Methods”, 2 <sup>nd</sup> <b>International Conference</b> on ‘Computational Mechanics and Simulation’ (ICCMS-06), IIT Guwahati	Dec. 8-10, 2006	48-55

**7. NAME OF THE FACULTY MEMBER: Mr. Jitendra K. Sardar (Left the Institute)**

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	S.M. Khot, C.M. Choudhari, Nitesh P. Yelve, <b>Jitendra K. Sardar</b> , “An Investigation of Effect of System Parameters on Natural Frequency of Beam by Using Statistical Methods”, 2 <sup>nd</sup> <b>International Conference</b> on ‘Computational Mechanics and Simulation’ (ICCMS-06), IIT Guwahati	Dec. 8-10, 2006	48-55

**8. NAME OF THE FACULTY MEMBER: Mr. Girish I. Panchal (Left the Institute)**



<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Dr. S.V.K.Reddy, <b>G.I.Panchal</b> , A.B.Salvi, “Ammonia-Liquid Desiccant Based Hybrid Air Conditioning System”, Proceedings of IIR <b>International Conference</b> ‘Ammonia Refrigeration Technology for Today and Tomorrow’, at Ohrid, Republic of Macedonia.(Skopje University)	April, 19-21, 2007	1-9

**9. NAME OF THE FACULTY MEMBER:** Mr. Anil Magare (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	“ <b>Anil E .Magare</b> , Nitesh Yelve, Amit U Kulkarni, Amit P Kudva, Dhananjay A. Ipparthi, “Vertical and Horizontal surface traversing robot: Design Approach”, Proceedings of <b>Global conference</b> on ‘Production and Industrial Engineering’ (CPIE - 2007) at Dr.B.R.Ambedkar NIT, Jalandhar.	March, 22-24, 2007	10-15

**10. NAME OF THE FACULTY MEMBER:** Mr. Amogh B.Salvi (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1	Dr. S.V.K.Reddy, G.I.Panchal, <b>A.B.Salvi</b> , “Ammonia-Liquid Desiccant Based Hybrid Air Conditioning System”, Proceedings of IIR <b>International Conference</b> ‘Ammonia Refrigeration Technology for Today and Tomorrow’, at Ohrid, Republic of Macedonia.(Skopje University)	April, 19-21, 2007	1-9

**11. NAME OF THE FACULTY MEMBER:** Mr. Nitin Gurav (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	S.M.Khot, A.Bagwe, S. Iyer and <b>Nitin Gurav</b> , “Performance Comparison of Various Controller in Active Vibration Control of Beams”, Proceedings of <b>International Conference</b> on ‘Advances in Manufacturing and Technology Management (ICAMTM - 2007) at, Parshvanath College of Engineering, Thane.	Jan. 18 – 20, 2007	33-36

**12. NAME OF THE FACULTY MEMBER:** Mr. P.Sakthivel (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Deshmukh Sandeep H., <b>Sakthivel P.</b> , “Design & Fabrication of Pedal Power pump” in the Proceedings of <b>International Conference</b> on Design, Dynamics and Manufacturing (NCDDM2007),Sant Longowal Institute of Engineering and Technology, Longowal, pp 69-76,	March 16-17, 2007	27-32`

**13. NAME OF THE FACULTY MEMBER:** Mr. Deshmukh Sandeep H (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	Deshmukh Sandeep H., <b>Sakthivel P.</b> , “Design & Fabrication of Pedal Power pump” in the Proceedings of <b>International Conference</b> on Design, Dynamics and Manufacturing (NCDDM2007),Sant Longowal Institute of Engineering and Technology, Longowal, pp 69-76,	March 16-17, 2007	27-32

Year 2006-07

## NATIONAL CONFERENCE

**1. NAME OF THE FACULTY MEMBER:** Dr. S. V. Kota. Reddy (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Dr.S.V.K.Reddy</b> , Girish Panchal, Swapnali Gaikar, Amogh Salvi, “Waste Heat Recovery of a Window Air Conditioner”, Proceedings of <b>National Conference</b> on ‘ Recent Trends in Energy Engineering and Management (NCRTEAM 2007) at, Tatyasaheb Kore Institute of Engineering and Technology, Warnanagar.	March, 2-3, 2007	1-7
2.	<b>Dr.S.V.K.Reddy</b> , Girish Panchal, Amogh Salvi, “Hybrid Air-Conditioning System”, Proceedings of <b>National Conference</b> on “Recent Developments and Future Trends in Mechanical Engineering” (RDFTME-06), NIT., Hamirpur, pp	Nov. 3-4, 2006	23-27

**2. NAME OF THE FACULTY MEMBER:** Mr. Sandeep Deshmukh (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	<b>Deshmukh Sandeep H.</b> , Magar R.B.“The Scope of Rainwater harvesting in Urban area(A case study of A.T.E.C.,Vashi) in the Proceedings of <b>National Conference</b> on Rainwater Harvesting & Water Management (RainHarvest2006),The Institute of Engineers(India),Nagpur, pp 45-55.	Nov. 11-12, 2006	15-22
2.	Bertha Fernandes & <b>Deshmukh Sandeep H.</b> ; “The Public Awareness on Rainwater harvesting”(A project of Agnel Sewa Ashram,Vashi) in the Proceedings of <b>National Conference</b> on Rainwater Harvesting & Water Management (RainHarvest2006),The Institute of Engineers(India),Nagpur, pp 45-55,	Nov. 11-12, 2006	8-14

3.	<b>Deshmukh Sandeep H.</b> Preksha D'souza; Yogesh Tiwatne, Sitaram Burungale, Dhananjay Sawant; "Stair Climbing Transporter" in the Proceedings of <b>National Conference</b> On Emerging Trends in Mechanical Engineering (ETME), SV National Institute of Technology, Surat.	Jun. 4-5, 2007	
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**3. NAME OF THE FACULTY MEMBER:** Mr. Girish I. Panchal (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1	Dr.S.V.K.Reddy, <b>Girish Panchal</b> , Swapnali Gaikar, Amogh Salvi, "Waste Heat Recovery of a Window Air Conditioner", Proceedings of <b>National Conference</b> on ' Recent Trends in Energy Engineering and Management (NCRTEAM 2007) at, Tatyasaheb Kore Institute of Engineering and Technology, Warnanagar.	March, 2-3, 2007	1-7
2.	Dr.S.V.K.Reddy, <b>Girish Panchal</b> , Amogh Salvi, "Hybrid Air-Conditioning System", Proceedings of <b>National Conference</b> on "Recent Developments and Future Trends in Mechanical Engineering" (RDFTME-06), NIT., Hamirpur, pp	Nov. 3-4, 2006	23-27

**4. NAME OF THE FACULTY MEMBER:** Ms.Swapnali Gaikar (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Dr.S.V.K.Reddy, Girish Panchal, <b>Swapnali Gaikar</b> , Amogh Salvi, "Waste Heat Recovery of a Window Air Conditioner", Proceedings of <b>National Conference</b> on ' Recent Trends in Energy Engineering and Management (NCRTEAM 2007) at, Tatyasaheb Kore Institute of Engineering and Technology, Warnanagar.	March, 2-3, 2007	1-7

**5. NAME OF THE FACULTY MEMBER:** Mr. Amogh B.Salvi (Left the Institute)

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1	Dr.S.V.K.Reddy, Girish Panchal, Swapnali Gaikar, <b>Amogh Salvi</b> , “Waste Heat Recovery of a Window Air Conditioner”, Proceedings of <b>National Conference</b> on ‘ Recent Trends in Energy Engineering and Management (NCRTEAM 2007) at, Tatyasaheb Kore Institute of Engineering and Technology, Warnanagar.	March, 2-3, 2007	1-7
2.	Dr.S.V.K.Reddy, Girish Panchal, <b>Amogh Salvi</b> , “Hybrid Air-Conditioning System”, Proceedings of <b>National Conference</b> on “Recent Developments and Future Trends in Mechanical Engineering” (RDFTME-06), NIT., Hamirpur, pp	Nov. 3-4, 2006	23-27

## **PAPERS PUBLISHED IN JOURNALS**

**Year 2005-06**

**1. NAME OF THE FACULTY MEMBER:** Mr. S. M. Khot

<b>Sr. No.</b>	<b>DETAILS OF PAPERS PUBLISHED</b>	<b>Date</b>	<b>Page Nos.</b>
1.	A. Joshi and <b>S. M. Khot</b> 2006, "Effectiveness of Discrete Piezo-Patch Locations in Clamped -Simply Supported Plates" Journal of Aerospace Sciences and Technologies, 58, (2), 133-142	May 2006	1-10

**2005-06**

**INTERNATIONAL CONFERENCE**

## PAPERS PUBLISHED IN CONFERENCES

### 1. NAME OF THE FACULTY MEMBER: Mr. S. M. Khot

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>S.M. Khot</b> , B. Chheda, G. Hariharan, N. Patil, J. Waral, "Active Vibration Control of Clamped-Clamped Beam", Proceedings of <b>International Conference</b> on 'Advances in Materials, Product Design and Manufacturing Systems' (ICMPM 2005), Bannari Amman Institute of Technology, Satyamangalam in association with North Carolina A & T State University, USA, pp 356-362	Dec. 12-14, 2005	8-13
2.	Ashok Joshi, <b>S.M. Khot</b> , "Piezo Patch Placement in Clamed Rectangular Panels for Control Effectiveness in Higher Modes", Proceedings of <b>International Conference</b> on 'Smart Materials, Structures and Systems' (ISSS 2005), Bangalore, pp SD105-SD113	July 28-30, 2005	14-17

### 2. NAME OF THE FACULTY MEMBER: Mr. C.M. Choudhari

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>C.M. Choudhari</b> , Nitesh P. Yelve, "A Futuristic Study on Harnessing Wind Energy", Proceedings of <b>International Conference</b> on 'Wind Energy: Trends and Issues' (WETI 2006), NITTTR Bhopal, pp TP II/29-TP II/35	Jan. 5-7, 2006	1-7

### 3. NAME OF THE FACULTY MEMBER: Mr. Nitesh P. Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	C.M. Choudhari, <b>Nitesh P. Yelve</b> , "A Futuristic Study on Harnessing Wind Energy", Proceedings of <b>International Conference</b> on 'Wind Energy: Trends and Issues' (WETI 2006), NITTTR Bhopal, pp TP II/29-TP II/35	Jan. 5-7, 2006	1-7

## NATIONAL CONFERENCE

### PAPERS PUBLISHED IN CONFERENCES

Year 2005-06

**1. NAME OF THE FACULTY MEMBER: Dr. S. V. Kota. Reddy (Left the Institute)**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Dr. S.V.K. Reddy</b> , Naeem Ashraf, John Fernandes, Nilesh Divate, Adrian Desouza, “Economics of Solar Water Heater Using Plastic Collector”, Proceedings of <b>National Conference</b> on ‘Advances in Mechanical Engineering’ (AIME 2006), Delhi, pp 828-832	Jan. 20-21, 2006	27-30
2.	<b>Dr. S.V.K. Reddy</b> , “Energy Conservation in a Window Air Conditioner Using Speed Control Circuit”, Proceedings of <b>National Conference</b> on ‘Sun Rising Technologies’ (NCSRT 2005), Thane, pp 15-22	Nov. 18-19, 2005	69-76

**2. NAME OF THE FACULTY MEMBER: Mr. S. M. Khot**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>S.M. Khot</b> , C.M. Choudhari, Nitesh P. Yelve, Jitendra K. Sardar, “An Investigation on Effect of System Parameters on Natural Frequency of Cantilever Beam by Using Taguchi Method And ANOVA”, <b>National Conference</b> on ‘Emerging Trends in Mechanical Engineering’ (ETIME 2006), Bangalore	Feb. 10-11, 2006	17-23
2.	<b>S.M. Khot</b> , A. Bagwe, S. Iyer, “Vibration Control using Smart Concepts”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 37-41	Dec. 23-24, 2005	54-63
3.	<b>S.M. Khot</b> , Jitendra K. Sardar, Nitesh P. Yelve, “Analytical, Experimental and FEM (ANSYS <sup>®</sup> ) Analysis of Cantilever Beams for First Three Modes”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 32-36	Dec. 23-24, 2005	64-68
4.	<b>S.M. Khot</b> , Nitesh P. Yelve, Jitendra K. Sardar, Anil E. Magare , “Shape Memory Alloys: Smart Material for the New Millennium”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 340-343	Dec. 23-24, 2005	50-53
5.	<b>S.M. Khot</b> , C.Dubey, A.Salve, A. Deshpande and G. Kasar, “Vibration Control of Simply Supported Beam by using Piezoelectric Actuators”, <b>National Conference</b> on Advances in Engineering Design, Satyamangalam	Apr. 29-30, 2005	74-81

**3. NAME OF THE FACULTY MEMBER: Mr. C.M. Choudhari (Left the Institute)**

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	S.M. Khot, <b>C.M. Choudhari</b> , Nitesh P. Yelve, Jitendra K. Sardar, “An Investigation on Effect of System Parameters on Natural Frequency of Cantilever Beam by Using Taguchi Method And ANOVA”, <b>National Conference</b> on ‘Emerging Trends in Mechanical Engineering’ (ETIME 2006), Bangalore	Feb. 10-11, 2006	17-23
2.	N. Venugopal, <b>C.M. Choudhari</b> , Nitesh P. Yelve, “An	Feb. 3,	24-26



	Investigation on Vibration Characteristics of Visco-elastic Materials by Using Taguchi Method, ANOVA and Factor Plots ”, <b>National Conference</b> on ‘Recent Advances in Manufacturing Technology’ (RAMT 2006), Chennai	2006	
3.	N. Venugopal, <b>C.M. Choudhari</b> , Nitesh P. Yelve, “An Investigation on Vibration Characteristics of Visco-elastic Materials by Using Taguchi Method and ANOVA ”, Proceedings of <b>National Conference</b> on ‘Recent Trends in Manufacturing’ (NCRTM 2006), Kolhapur, pp 90-94	Jan. 7-8, 2006	40-44

**4. NAME OF THE FACULTY MEMBER:** Mr. Nilaj Deshmukh

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Nilaj Deshmukh</b> , Nitesh P. Yelve, “Investigation on Feasibility of LPG as a Fuel for Motorcycle”, <b>National Conference</b> on ‘Applications of Advanced Quality Methods in Engineering & Technology (AAQMENT 2006), Erode	Feb. 23-24, 2006	8-16

**5. NAME OF THE FACULTY MEMBER:** Mr. Nitesh P. Yelve

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Nitesh P. Yelve</b> , Snehal S. Padhye, “An Investigation on Active Passive Behaviour of Steels”, <b>National Conference</b> on ‘Applications of Advanced Quality Methods in Engineering & Technology (AAQMENT 2006), Erode	Feb. 23-24, 2006	1-7
2.	Nilaj Deshmukh, <b>Nitesh P. Yelve</b> , “Investigation on Feasibility of LPG as a Fuel for Motorcycle”, <b>National Conference</b> on ‘Applications of Advanced Quality Methods in Engineering & Technology (AAQMENT 2006), Erode	Feb. 23-24, 2006	8-16
3.	S.M. Khot, C.M. Choudhari, <b>Nitesh P. Yelve</b> , Jitendra K. Sardar, “An Investigation on Effect of System Parameters on Natural Frequency of Cantilever Beam by Using Taguchi Method And ANOVA”, <b>National Conference</b> on ‘Emerging Trends in Mechanical Engineering’ (ETIME 2006), Bangalore	Feb. 10-11, 2006	17-23
4.	N. Venugopal, C.M. Choudhari, <b>Nitesh P. Yelve</b> , “An Investigation on Vibration Characteristics of Visco-elastic Materials by Using Taguchi Method, ANOVA and Factor Plots ”, <b>National Conference</b> on ‘Recent Advances in Manufacturing Technology’ (RAMT 2006), Chennai	Feb. 3, 2006	24-26
5.	<b>Nitesh P. Yelve</b> , Brian J., Swapnil B., Chirag D., Heramb K., “Analysis of Locomotive Wheels for Surface Contact Stresses”, Proceedings of <b>National Conference</b> on ‘Advances in Mechanical Engineering’ (AIME 2006), Delhi, pp 42-50	Jan. 20-21, 2006	31-39
6.	N. Venugopal, C.M. Choudhari, <b>Nitesh P. Yelve</b> , “An Investigation on Vibration Characteristics of Visco-elastic Materials by Using Taguchi Method and ANOVA ”, Proceedings of <b>National Conference</b> on ‘Recent Trends in Manufacturing’ (NCRTM 2006), Kolhapur, pp 90-94	Jan. 7-8, 2006	40-44

7.	Ashpak G. Sheikh, <b>Nitesh P. Yelve</b> , “Inlet Air Cooling for Gas Turbines”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 228-232	Dec. 23-24, 2005	45-49
8.	S.M. Khot, Jitendra K. Sardar, <b>Nitesh P. Yelve</b> , “Analytical, Experimental and FEM (ANSYS <sup>®</sup> ) Analysis of Cantilever Beams for First Three Modes”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, , pp 32-36	Dec. 23-24, 2005	64-68
9.	S.M. Khot, <b>Nitesh P. Yelve</b> , Jitendra K. Sardar, Anil E. Magare , “Shape Memory Alloys: Smart Material for the New Millennium”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 340-343	Dec. 23-24, 2005	50-53

**6. NAME OF THE FACULTY MEMBER:** Mr. Jitendra K. Sardar (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	S.M. Khot, C.M. Choudhari, Nitesh P. Yelve, <b>Jitendra K. Sardar</b> , “An Investigation on Effect of System Parameters on Natural Frequency of Cantilever Beam by Using Taguchi Method And ANOVA”, <b>National Conference</b> on ‘Emerging Trends in Mechanical Engineering’ (ETIME 2006), Bangalore	Feb. 10-11, 2006	<b>17-23</b>
2.	S.M. Khot, <b>Jitendra K. Sardar</b> , Nitesh P. Yelve, “Analytical, Experimental and FEM (ANSYS <sup>®</sup> ) Analysis of Cantilever Beams for First Three Modes”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 32-36	Dec. 23-24, 2005	64-68
3.	S.M. Khot, Nitesh P. Yelve, <b>Jitendra K. Sardar</b> , Anil E. Magare , “Shape Memory Alloys: Smart Material for the New Millennium”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 340-343	Dec. 23-24, 2005	50-53

**7. NAME OF THE FACULTY MEMBER:** Mr. Girish I. Panchal (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	Qamar-e-Hasan, Mohammad Arif, <b>Girishkumar I. Panchal</b> , “Turbo Absorption Refrigeration System”, Proceedings of 1 <sup>st</sup> <b>National Conference</b> on ‘Recent Developments in Mechanical Engineering’ (YANTRA 2005), Pandharpur, pp 152-156	Dec. 23-24, 2005	26-60

**8. NAME OF THE FACULTY MEMBER:** Mr. Arif Mohammad (Left the Institute)

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1.	Qamar-e-Hasan, <b>Mohammad Arif</b> , Girishkumar I. Panchal, "Turbo Absorption Refrigeration System", Proceedings of 1 <sup>st</sup> <b>National Conference</b> on 'Recent Developments in Mechanical Engineering' (YANTRA 2005), Pandharpur, pp 152-156	Dec. 23-24, 2005	56-60

**9. NAME OF THE FACULTY MEMBER:** Mr. Ashpak Sheikh (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	<b>Ashpak G. Sheikh</b> , Nitesh P. Yelve, "Inlet Air Cooling for Gas Turbines", Proceedings of 1 <sup>st</sup> <b>National Conference</b> on 'Recent Developments in Mechanical Engineering' (YANTRA 2005), Pandharpur, pp 228-232	Dec. 23-24, 2005	42-46

**10. NAME OF THE FACULTY MEMBER:** Mr. Anil Magare (Left the Institute)

Sr. No.	DETAILS OF PAPERS PUBLISHED	Date	Page Nos.
1.	S.M. Khot, Nitesh P. Yelve, Jitendra K. Sardar, <b>Anil E. Magare</b> , "Shape Memory Alloys: Smart Material for the New Millennium", Proceedings of 1 <sup>st</sup> <b>National Conference</b> on 'Recent Developments in Mechanical Engineering' (YANTRA 2005), Pandharpur, pp 340-343	Dec. 23-24, 2005	50-53