

NATIONAL CONFERENCE RECENT INNOVATION IN ENGINEERING

(NCRIE-2017)

The conference (NCRIE-2017) is being organized to bring together the researchers, scientists, academicians and industrialists in major areas of Engineering and Technology needed for economic development of the country. The conference successfully organized under the guidance of Principal Dr. S. V. Patil. The Conference covers a wide range of topics.

Objectives of the Conference:

The conference will bring together experts from different streams of engineering to discuss the present issues, challenges, advances, and innovations in engineering. This will provide a forum for sharing insights, experiences and interactions on various aspects of recent innovation in Engineering and Technology. The aim of the conference is to bringing together the Professors, researchers, industrialist and students in areas of Computer Engineering, Information Technology, Electronics and telecommunication Engineering, Civil Engineering, Mechanical Engineering and to provide a national forum for the dissemination of original research, new innovations and ideas.

Outcomes:

Prospective authors from academia as well as Industry are invited to submit their full papers which have not been previously submitted/published that illustrate research, surveying works, and industrial applications that describe significant innovation and advances in Engineering.

➤ Technical Advisory Committee:

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➤ Session Chair's:

Dr. Aneesh C. Gangal (Principal, Rajaram Shinde COE, Pedhambe)
Prof. Lokpriya M. Gaikwad (Bhartiya Vidhyapeeth college of engineering, Kharghar)

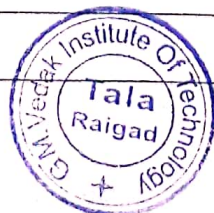


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The Departments of Mechanical Engineering cordially invite research papers from all over the India to participate in the "NATIONAL CONFERENCE ON RECENT INNOVATION IN ENGINEERING (NCRIE-2017)" on the following research areas for presentations.

Following faculties and students from the different colleges were presented the paper

Sr.No.	TITLE OF PAPER	AUTHORS
1	A numerical and experimental study on effective thermal conductivity of epoxy- al ₂ o ₃ composites - a review	1. Vinayak G. Kachare 2. Mahesh M. Kadam 3. Prathamesh P. Choughule
2	Design and analysis of windmill shaft using composite materials	1. Amol Shinde 2. Dr. Ashok Keche
3	Modeling & analysis of shell & tube heat exchanger	1. Momin Amir, 2. Kazi Zaki, 3. Karjekar Shabib 4. Jamadar Ahmed 5. Prof. Pankaj Dhongade
4	Methods of balancing for unbalanced Transportation problem: review	1. Mr. Siddhesh Kamat
5	Progressive failure analysis of composite flat panels with circular cutout using hashin's criteria	1. Gauspira s. Makandar 2. Vaibhav appaso Ugare
6	Electric field structure analysis of Electrospinning of polymer nanofibers by ansoft and ansys	1. Prof P.M. Autade 2. Dr. H.N. Narasimha Murthy
7	Finite element analysis of a stiffened panel with two bay crack under uniaxial loading	1. Prof. A.R. Ghadge 2. Prof. M.M. Badadare
8	Design and analysis of flywheel for different geometry and for different material	1. Siddhesh Velhal, 2. Deepak Gupta, 3. Machindra Mhatre 4. Tejas Pimple 5. Prof. P.M. Autade
9	Design and fabrication of stirrup bending machine	1. Khatib Sufiyan 2. Pawar Rohan 3. Manyar Soheb 4. Parkar Raees 5. Prof. I.N. Magdum
10	Design and fabrication of portable air conditioner	1. Sumit Sunil Ware 2. Prasad K. Patil 3. Akshay C. Patil 4. Ajit birendra Mishra 5. Prof. Ajit Kakade
11	Optimization of leaf spring using composite material	1. Viraj V. Tamboli 2. Abhishek D. Thakur 3. Akshay J. Mokal 4. Prasad A. Sukam 5. Prof. G.s. makandar
12	Design of pressure vessel	1. Sumit S. Nirkar 2. Chinmay K. Bhoir



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		3. Vishad V. Dhatavkar 4. Prathamesh R. Ambukar 5. Prof. A.R.ghadge
13	Design of floor washer	1. Rohit V.patil 2. Ketan P.patil 3. Kalpesh G. Patil 4. Nikhil K. Bhagat 5. Prof. A.R.Ghadge
14	Implementation of poka-yoke technique for Improving quality at hrctl in steel industries	1. Prof. Pankaj M Dhongade 2. Mr. Vivek A Shrouthy
15	Numerical modeling of lazer welding	1. Mr. Ajit d. Kakade 2. Mr. Eknath Ugale
16	Design and manufacturing of plastic bottles strip cut machine	1. Arbaz Ayub Dhokle 2. Kunal Prabhakar Bhoir 3. Akshay Vijay Sukale 4. Albakhsh IqbalTtamake 5. Prof. Siddhesh Kamat
17	Optimization of process parameters of plasma arc cutting using box-behnken design	1. Indrajeet n. Magdum 2. Jitesh G. Bhagat 3. Dr. M. T. Telsang
18	Regenerative suspension system for air condition	1. Pandit Sujeet Shivnarayan 2. Koli SnkitKkamalakar 3. Joya Lalitkumar Kishor 4. Mohape sunil Dhanaji 5. Prof. Siddhesh Kamat
19	Synthesis of fe-bha nanocomposite as oxygen carrier for chemical looping combustion	1. Prof. M.M. Badadare 2. Prof. A.R.Ghadge
20	Design & manufacturing of special-purpose machine	1. Sushant Ghase 2. Rohan Ubhare 3. Yugesh Mali 4. Samir Tupkar 5. Prof. M.M. Badadare
21	Performance of carbide inserts during machining of stainless steels in different conditions	1. Jitesh G. Bhagat 2. Indrajeet N. Magdum 3. Dr. Vikas G. Sargade
22	Heat transfer augmentation through a circular tube fitted with swirl flow generator	1. Dr. S V. Patil
23	Mechanisation of sugarcane planter	1. Vijay Patil 2. Sameer Mhatre 3. Akhilesh Ghavte 4. Dilip Hadal 5. Prof.M.M.Badadare
24	Design and fabrication of grappling gun	1. Vishwam H. Arekar 2. Shubham G. Dhupkar 3. Saurabh S. Patil 4. Shubham V. Patil 5. Jitesh G. Bhagat



(Prof. J.A. Bhagat)
Faculty Coordinator

(Prof. A. R. Ghadge)
HOD.
(Mechanical Dept)

ME-001
Paper Presentation Schedule
Wednesday, 22nd February 2017
Session: I (Time: 01.30 PM to 03.00 PM)
Venue - Building 1, First Floor, F10 Seminar Hall

Session chair - Dr Aneesh Gangal				
Sr. No.	Paper ID	Title of Paper	Authors	Session Slot
1	ME-1	PERFORMANCE COMPARISON OF TRANSCRITICAL CO ₂ HEAT PUMP SYSTEM CYCLE CONFIGURATIONS	OMPRAKASHI S. PATIL ABHIJIT DATE DR. NEERAJ AGRAWAL	Session I (01.30 PM to 03.00 PM)
2	ME-2	A NUMERICAL AND EXPERIMENTAL STUDY ON EFFECTIVE THERMAL CONDUCTIVITY OF EPOXY- Al ₂ O ₃ COMPOSITES - A REVIEW	VINAYAK G. KACHARE MAHESH M. KADAM PRATHAMESH P. CHOUGHULE	Session I (01.30 PM to 03.00 PM)
3	ME-3	DESIGN AND ANALYSIS OF WINDMILL SHAFT USING COMPOSITE MATERIALS	AMOL SHINDE DR. ASHOK KECHE	Session I (01.30 PM to 03.00 PM)
4	ME-4	MODELING & ANALYSIS OF SHELL & TUBE HEAT EXCHANGER	MOMIN AMIR KAZI ZAKI KARJIKAR SHABIB JAMADAR AHMED PROF. PANKAJ DHONGADE	Session I (01.30 PM to 03.00 PM)
5	ME-5	METHODS OF BALANCING FOR UNBALANCED TRANSPORTATION PROBLEM: REVIEW	MR.SIDDHESH KAMAT	Session I (01.30 PM to 03.00 PM)
6	ME-6	PROGRESSIVE FAILURE ANALYSIS OF COMPOSITE FLAT PANELS WITH CIRCULAR CUTOUT USING HASHIN'S CRITERIA	GAUSPIRA S. MAKANDAR VAIBHAV APPASO UGARE	Session I (01.30 PM to 03.00 PM)

Session: II (Time: 03.30 PM to 05.00 PM)

Session chair - Dr Aneesh Gangal				
Sr. No.	Paper ID	Title of Paper	Authors	Session Slot
1	ME-7	ELECTRIC FIELD STRUCTURE ANALYSIS OF ELECTROSPINNING OF POLYMER NANOFIBERS BY ANSOFT AND ANSYS	PROF P.M.AUTADE DR. H.N.NARASIMHA MURTHY	Session II (03.30 PM to 05.00 PM)
2	ME-8	FINITE ELEMENT ANALYSIS OF A STIFFENED PANNEL WITH TWO BAY CRACK UNDER UNIAXIAL LOADING	PROF. A.R.GHADGE PROF. M.M. BADADARE	Session II (03.30 PM to 05.00 PM)
3	ME-9	DESIGN AND ANALYSIS OF FLYWHEEL FOR DIFFERENT GEOMETRY AND FOR DIFFERENT MATERIAL	SIDDHESH VELHAL DEEPAK GUPTA MACHINDRA MHATRE TEJAS PIMPLE PROF. P.M. AUTADE	Session II (03.30 PM to 05.00 PM)



1	ME-19	REGENERATIVE SUSPENSION SYSTEM FOR AIR CONDITION	PANDIT SUJEET SHIVNARAYAN KOLI ANKIT KAMALAKAR JOYA LALITKUMAR KISHOR MOHAPE SUNIL DHANAJI PROF. SIDDHESH KAMAT	Session II (01.30 PM to 03.00 PM)
2	ME-20	SYNTHESIS OF FE-BHA NANOCOMPOSITE AS OXYGEN CARRIER FOR CHEMICAL LOOPING COMBUSTION	PROF. M.M. BADADARE PROF. A.R.GHADGE	Session II (01.30 PM to 03.00 PM)
3	ME-21	DESIGN & MANUFACTURING OF SPECIAL PURPOSE MACHINE	SUSHANT GHASE ROHAN UBHARE YUGESH MALI SAMIR TUPKAR PROF. M.M. BADADARE	Session II (01.30 PM to 03.00 PM)
4	ME-22	PERFORMANCE OF CARBIDE INSERTS DURING MACHINING OF STAINLESS STEELS IN DIFFERENT CONDITIONS	JITESH G. BHAGAT, INDRAJEET N. MAGDUM, DR. VIKAS G. SARGADE	Session II (01.30 PM to 03.00 PM)
5	ME-23	HEAT TRANSFER AUGMENTATION THROUGH A CIRCULAR TUBE FITTED WITH SWIRL FLOW GENERATOR	DR. S. V. PATIL	Session II (01.30 PM to 03.00 PM)
6	ME-24	MECHANISATION OF SUGARCANE PLANTER	VIJAY PATIL SAMEER MHATRE AKHILESH GHAVTE DILIP HADAL PROF.M.M.BADADARE	Session II (01.30 PM to 03.00 PM)
7	ME-25	DESIGN AND FABRICATION OF GRAPPLING GUN	VISHWAM H. AREKAR SHUBHAM G. DHUPKAR SAURABH S. PATIL SHUBHAM V. PATIL JITESH G. BHAGAT	Session II (01.30 PM to 03.00 PM)



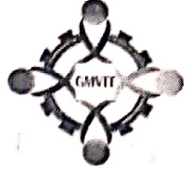
(Prof. J.G. Bhagat)



Shri. Gopinath Mahadeo Vedak Pratishthan's

G. M. VEDAK INSTITUTE OF TECHNOLOGY

(COLLEGE OF ENGINEERING)



NATIONAL CONFERENCE ON RECENT INNOVATION IN ENGINEERING (NCRIE-2017)

22nd -23rd February 2017

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Date: 21/11/2016

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Prof. P.R. Kunekar
Prof. P. N. Dhongade
Prof. V. J. Bhosale

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NOTICE

All Faculties are here by informed that, kindly register your name along with tentative paper title for **NCRIE-2017** before **30th Nov 2016**.

Registration fees and details are mentioned in brochure of NCRIE-2017.

J. G. Bhagat
21/11/2016
Chief-Coordinator
NCRIE-2017

S. S. Kasare
21.11.16
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