



॥ न हि ज्ञानेन मृतमपि पवित्रमिह विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



DTE College Code: EN-5161

Department of Mechanical Engineering

A report on Recent Advances in Mechanical Engineering 2017"

Date:- 17/02/2017 to 18/02/2017

Venue:- Seminar Hall

Nature of Event(SM/WS/Con) :- Conference

Name of topic:- Recent Advances in Mechanical Engineering

Name and Address of Speaker Guest:-

- 1) Professor Dr. K V. Jayakumar
(Dean Research & Planning NIT Warangal)
- 2) Hon. Dr. S. H. Sawant
(Dean Faculty of Engineering & Technology , Shivaji University, Kolhapur)

Total Number of Papers Presented :- 58

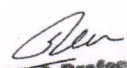
Objective of Conference:

The objective of this conference was to provide opportunities to authors to present new ideas and research results

Outcome of Conference: Exchange of research topics and results among students and researchers.




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Ahmednagar


HOD & Professor
Dept. of Mechanical Engineering
Dr. V. V.P. College of Engineering
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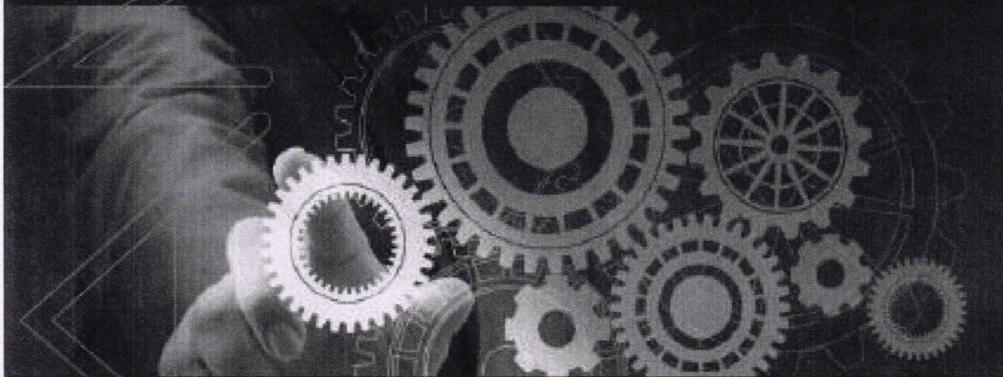




**3rd National Conference on
Recent Advances in Mechanical Engineering**

RAME-17

Feb 17th - 18th 2017



Organised by



**Department of Mechanical Engineering
Dr. Vithalrao Vikhe Patil College of Engineering
Ahmednagar, Maharashtra (India)**

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INSPIRATION

Dr. Vitthalrao Eknathrao Vikhe Patil - Our Visionary philanthropist pioneered the cooperative movement in India by establishing the first cooperative sugar factory in Asia at Pravara nagar, a remote village in Ahmednagar district of Maharashtra. He made untiring efforts for the upliftment of rural masses and initiated various other social and educational movements. The deeds and accomplishments of Dr. Vitthalrao Vikhe Patil made him immortal and he is living and will live forever till the civilization exists in the hearts of the generations to come.

ABOUT DVVP FOUNDATION

To realize the visionary thoughts of Dr. Vitthalrao Vikhe Patil, his worthy son, Late Dr. Balasaheb Vikhe Patil (Padmaabhushan Awardee), established Dr. Vitthalrao Vikhe Patil Foundation in the year 1982 with soul aim to provide education to rural masses. Now under the dynamic leadership of Hon'ble Radhakrishna Vikhe Patil & Hon'ble Dr. Sujay Vikhe Patil, the foundation is dedicated to provide quality education in the field of medical, Engineering, Management, Pharmacy, Nursing, Physiotherapy, Agriculture, ITI, basic & higher Schooling.

ABOUT COLLEGE

The Institute was established in the year 1983 in the proximity of Ahmednagar Industrial area offering undergraduate & postgraduate courses. The institute is affiliated to Savitribai Phule Pune University, Pune and recognized by the government of Maharashtra & approved by AICTE, New Delhi. Over the years it has grown into a premier institution with excellent teaching-learning environment to achieve excellence in imparting quality technical education thereby generating technocrats compatible with needs of current industries & society. Institute offers undergraduate courses in Civil, Electrical, Electronics & Telecommunication, Information Technology, Instrumentation & Mechanical Engineering. Institute also provides the education in post graduate courses in Mechanical Engineering (Design Engg.) & Civil Engineering (Structural Engg.). The institution is located on beautiful picturesque & pollution free land at a distance of 12 km. from Ahmednagar city on Ahmednagar-Mumbai state highway (SH-10).

ABOUT THE DEPARTMENT

The Mechanical Engineering Department is one of the oldest departments of college. Established in the year 1986, DVVP's Mechanical Engineering Department has been providing excellent learning and research opportunities for undergraduate and post graduate students, in addition to providing consultancy services to the multiple industries.

Since its inception, the department has gained a reputation in the Savitribai Phule Pune University, Pune, (Formerly University of Pune) as renowned department due to high academic standards established by qualified, experienced and devoted faculty. Today, the Department of Mechanical Engineering attracts and features a rich diversity and quantity of talented individuals, with nearly 700 undergraduates, 60 postgraduate students and around 44 faculty members. All the laboratories in the department are well equipped and are at par with latest technology. The department has been accredited by NBA, New Delhi & NAAC, Bangalore.

CONFERENCE SCOPE

The Advances in Mechanical Engineering are the order of the day with the rapid industrialization and urbanization seen in developed and developing nations. Rapid population growth and the global pursuit of sustainability are creating new demands for engineers who can design products, services and infrastructure to improve the quality of life for the billions. Innovative design and new practices are challenging tasks to the researchers and working engineers to meet the ever growing demands of the society.

The conference is the premiere forum for the presentation of new advances and research results in the fields of Mechanical Engineering. The Conference will provide a leading forum for sharing the original research contributions and practical development experiences among students, researchers, academicians, industry professionals and application developers in Mechanical Engineering. This conference will also provide opportunities for the delegates to exchange new ideas and application through face-to-face discussions, to establish business or research relations and to find global partners for future collaborations. We hope that the outcome of RAME-2017 will yield significant contribution to the knowledge in the emerging areas of Mechanical Engineering. All the selected paper will publish in International Engineering Research Journal (IERJ).

AREA OF INTEREST

- Design Engineering
- Thermal Engineering
- Manufacturing System and Automation
- Tribology
- Interdisciplinary

* for details please Visit conference website : www.enggnagar.com/rame-2017

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Prof. P.G. Kohak

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२५६०१२६५

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०९/०२/२०१७ रोजीचे पत्र.

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करण्यासाठी आपण सुचविल्यानुसार दिनांक १६/०२/२०१७ ते दिनांक
१७/०२/२०१७ ऐवजी दिनांक १७/०२/२०१७ ते दिनांक १८/०३/२०१७ या
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FRAME 2017
ATTENDANCE SHEET
DATE: 17-02-2017

Sr.No.	Name of Participant	Title of Paper	Address & Mobile No.	Sign
1.	Gujar Rajkumar shirnatb	Tribological investigation on BS3 Ballbbs 2 mixed with sic nanoparticles	Ah/Pa-Khanapur Tal-Shirgaon. Dist-Ahmednagar. 9860740886	
2	Raviraj Taware Murti Hemlata.	Study of Connecting Rod under static loading finite element Analysis.	SVPMSOE, Malegaon(BK) Parhamat.	
3	Hemant-Supekar	A review of Adaptive Vibration Absorbers.	mob: 9960269139	
4.	Mrishikesh B. Borade.	Design & Validation of involute spur gear with Asymmetric teeth to improve bending load carrying capacity	Mobile No - 9028805767	
5	Sorale Pramod Sambhaji	Finite Element based analysis of rotating robot pedestal.	Mobile No - 9763944090	
* 6.	Raut Mahesh. Datta Sagar A.	Water recycling plant.	997666770	
7.	Najon Abhishek B.	Evaluation of Tribological properties of Lubricating Oil with Nanoparticles as additive	9860801791	

ATTENDANCE SHEET
DATE: 17-02-2017

Sr.No.	Name of Participant	Title of Paper	Address & Mobile No.	Sign
8.	Dashmuth Supriya Rajkumar	Finite element based Dynamic Analysis of E-glass Epoxy composite laminate	9764628339	
9.	Rjeni Priyanka	Optimization & passive noise control for six cylinder diesel engine muffler	9860169615	
10	Thombare M.A	Investigation for wear behaviour of different Journal bearing material	8277451360	
11	Dengale B.B	Review of Radial Pulse Diagnosis Technique.	9977169805.	-
12.	Gidday Mayur Jayant		9028049123	



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DATE: 17-02-2017

Sr. No.	Name of Participant	Title of Paper	Address & Mobile No.	Sign
1	Soni Anand V. Rajesh Rohan M. Rishi Abhishek Mande Arjun	Reduction of Spurious noise of two-rod magnet of a conductor due to Top magnets	117/14, New Bhandra Bandra, South Mumbai 400081 9821182523	<i>[Signature]</i>
2	Sandesh Sanket S. Srinivasan D. K. More Kiran Arthade Satish D.	Increase in overall productivity of welding shop.	No. 3 Shrawari Hotel Road, East Mumbai 400002 9821182523	<i>[Signature]</i>
3	Potti Dipak T.	Design & fabrication of chain conveyor	Indraprastha Hotel, New Bandra, Mumbai 400050 9821182523	<i>[Signature]</i>
4	Thite Santosh M. Amrutesh S. Zare Atul K. Vikhate Anil S.	Automatic pneumatic buncher with marking system	117/14, New Bhandra Bandra, South Mumbai 400081 9821182523	<i>[Signature]</i>
5	Talade Nitish B. Thakare Akshay D. Hote Shubham S. Akshay K.	Fabrication of four way hydraulic	Hotel B.A. 9637595231 7556072280	<i>[Signature]</i>
6	Gadgil Pratik S. Gadgil Shubham S. Chitambar Nitish K. More Jyoti A.	Design & fabrication of automatic clamping fixture for semi- automatic machine	Hotel A. 8600322116 8805805861	<i>[Signature]</i>
7	Harsikhanke M. S. Korde K. A. Borate D. I. Dhule S. S.	Pneumatically operated plastic injection molding machine	75563756 9028911622	<i>[Signature]</i>

ATTENDANCE SHEET

DATE: 17-02-2017

Sr. No.	Name of Participant	Title of Paper	Address & Mobile No.	Sign
8	Tapaswini K. C. S. Sankar K. A. S. Sankar A. B. S. Sankar E. H.	Design, Testing & optimization of mil- lary vehicle	Plot 47, Nigam Kalyan Road 70407523	<i>[Signature]</i>
9	Phad K. Sankar A. Sankar S. Sankar E.	Forming of dry fuel casing	Shubham Mumbai 9821182523	<i>[Signature]</i>
10	Doctor Sankar Sankar Sankar Sankar Sankar	Optimization of welding defects.	MDC, Mumbai 9821182523	<i>[Signature]</i>
11	Sankar S. Sankar S. Sankar S.	EMDE Technology	MDC, Mumbai 9821182523	<i>[Signature]</i>
12	Sankar S. Sankar S. Sankar S.	Pneumatic life	MDC, Mumbai 9821182523	<i>[Signature]</i>
13	Sankar S. Sankar S. Sankar S.	Material Handling equipment	MDC, Mumbai 9821182523	<i>[Signature]</i>
14	Sankar S. Sankar S. Sankar S.	Design & development of vehicle with control system	MDC, Mumbai 9821182523	<i>[Signature]</i>



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RAME 2017 ATTENDANCE SHEET DATE: 17-02-2017				
Sr.No.	Name of Participant	Title of Paper	Address & Mobile No.	Sign
15	Potluri Prasad N Bachire Vijay B Madhugaya Vijay B Kondeti Prasad	Experimental Heat Transfer analysis of helical coil Heat exchanger by varying c.e	Widhadi Hostel 9503867525	<i>Paul</i>
16	Rane Sunish D Shah Nitish D Kulkarni Anshuman Sangale Akshay	To study damping ratio by varying oil & motion table size	Neo Pundar 202751549	<i>Rane</i>
17	Adi Anil D. Sasare Deepak Dhoke Anil Dhoke Sachin	Design and Experimental Validation for internal vertical turning	Shivajinagar Hostel	<i>Adi</i>
18	Gadgaonkar Pratik Sachin Sachin Sachin	External vertical turning Design & FEM Validation	Shivajinagar Hostel	<i>Pratik</i>
19	Lakshmi P. R. Kusum A. B. Bharat A. B.	Standardization of meas- urement system in samples metal tubes	Hostel A 9423475235	<i>Pratik</i>
20	Pratik Shivaji Pankaj Abhikumar Mahesh Ramesh Ramesh Shivaji	Fabrication of pulper m/c	Shivajinagar Hostel 9804139440	<i>Pratik</i>
21	Pravin N. Kulk Abhijeet E. Kolate Rushikesh R. More Vaidhyan V. Jone	Analysis of welded structure	Savedi 8446436643	<i>Pravin</i>

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Sr.No.	Name of Participant	Title of Paper	Address & Mobile No.	Sign
22	Awalekar A. J. J.	Analysis of heat exchanger using Matlab, CFD	Hostel A 9804151512	<i>Awalekar</i>
23	Shewale Sunay B. Sachin Pratik B. Sachin Sachin B. Lugad Shubham B.	Automation on lathe machine using hydraulic quill.	Alp-Vidya Sachin B. Nagar 9403103016 9220513121	<i>Shubham</i>
24	Kulkarni Chetan B. Kulkarni Anil B. Kulkarni Anil B. Kulkarni Anil B.	Semi-automatic grinding machine using gear machine	Kulkarni Medical & Hostel 9823222531	<i>Kulkarni</i>
25	Ramtekar Anshu Nishikant Soundarya Gulve Sonali Majumdar Sonali	Parameter Optimization of PCB Microdrill	Savedi, A. Nagar 8007838421 7226802255	<i>Sonali</i>
26	Agarwal Shaikh Suresh Shaikh Ravi Dhotre	Automation of wire cutting & smoothing M/C	A Nagar 8196422108	<i>Shaikh</i>
27	Patil Keshav Shinde Mayur Keshav Shinde Shinde Mayur	Free vibration and load carrying capacity by hand	829731834	<i>Patil</i>
28	Fate Mahesh P. Sachin Shubham P. Sachin S. S. Sachin S. S.	Residual unbalance of Alternator Rotor	Sachin Hostel A. Nagar 9430165361	<i>Sachin</i>



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