



GOVERNMENT POLYTECHNIC, NASHIK

(AN ACADEMICALLY AUTONOMOUS INSTITUTE OF GOVT. OF MAHARASHTRA)

DEPARTMENT OF MECHANICAL ENGINEERING

(NBA ACCREDITED FOR 6 YEARS)

News Letter: 01 July 2022 to 30-September-22

Editor in Chief: Prof. R. N. Khadse, Associate Editor: Prof. D. P. Khadse, Editor: Shri. D. A. Patil

Research Paper Publication:

Ketan A. Jagtap and Raju S. Pawade, Monitoring of Surface Topography in CNC Turning of Co-Cr-Mo Biomaterial by using Acoustic Emission Signals, International Journal of Surface Review and Letters (SRL) by World Scientific Publishing Co., July 2022 (Accepted and Online Ready)

The screenshot shows the World Scientific journal page for the article "MONITORING OF SURFACE TOPOGRAPHY IN CNC TURNING OF Co-Cr-Mo BIOMATERIAL BY USING ACOUSTIC EMISSION SIGNALS" by Ketan A. Jagtap and Raju S. Pawade. The page is titled "Surface Review and Letters | Online Ready" and includes a "Free Access" badge. The article is available in PDF/EPUB format. The abstract states: "Manufacturing industries are always in search of preparing quality implants from Co-Cr-Mo biomaterial by doing improvements in their processes. CNC turning is basically adopted for preparing a practical surface of femoral head of hip implants. The online monitoring systems such as acoustic emissions (AEs) from the machining zone provide knowledge of the deformation characteristics of the work material in machining, which affect the machined surface topography and integrity. In this study, CNC turning experiments by using CBN insert were planned according to RSM CCD in dry cutting environment. Surface generation was monitored with the help of AE setup by correlating AE RMS voltage and counts to the surface integrity of machined surfaces. Cutting speed, feed rate and depth of cut show significant effects on the". The page also features a "Metrics" section showing "Downloaded 20 times" and a "History" section showing "Received 3 January 2022".



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Dr. Ketan Jagtap has worked as a Reviewer in IEE Region 10 Symposium TENSYP_2022 organised by IIT Bombay, Mumbai from 01/07/2022 to 03/07/2022.



On the Occasion of 75th Year Independence Day of India (Azadi ka Amrit Mahotsav, Department of Mechanical Engineering (NBA Accredited for 6 Years) & Mechatronics in Association With 'Gymkhana' of Government Polytechnic, Nashik (An Academically Autonomous Institute of Govt. of Maharashtra) is Organised “Online Quiz Competition” for all Staff and Students from 07th Aug. – 15th Aug., 2022. The event was coordinated by Prof. R. N. Khadse, prof. R. M. Nafade and dr. K. A. Jagtap.

**Government Polytechnic, Nashik**
(An Academically Autonomous Institute of Government of Maharashtra)
Department of Mechanical Engineering
(NBA Accredited for 6 Years)
&
Mechatronics
In Association With
Gymkhana
Organizing
“ONLINE QUIZ COMPETITION”
(07th AUG. – 15th AUG., 2022)
for all Staff and Students
On the Occasion of Celebration of
75th Year Independence Day of India (Azadi Ka Amrit Mahotsav)
<https://forms.gle/JtzqzYwBJrNxzhti9>
Online Quiz Participation Link: <https://forms.gle/q3snZYFBuDe37ZEF9>
<https://forms.gle/7rxFrwgUr2E271r7A>
Organizing Team
Prof. Dnyandeo Nathe
Principal
Prof. Rajendra Khadse
Head of Dept., ME & MK
Prof. Ravindra Nafade
Vice President, Gymkhana
Dr. Ketan Jagtap
Coordinator





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Mr. Deepak Ashok Patil lecturer Mechanical Engineering has successfully completed the foundation Course from 08th June 2022 to 20th July 2022 at Yashada, Pune and Secured 3rd Rank in Batch.



Dr. Shrikant Gorane successfully completed the refresher course at YASHDA Pune During 22-26 August 2022



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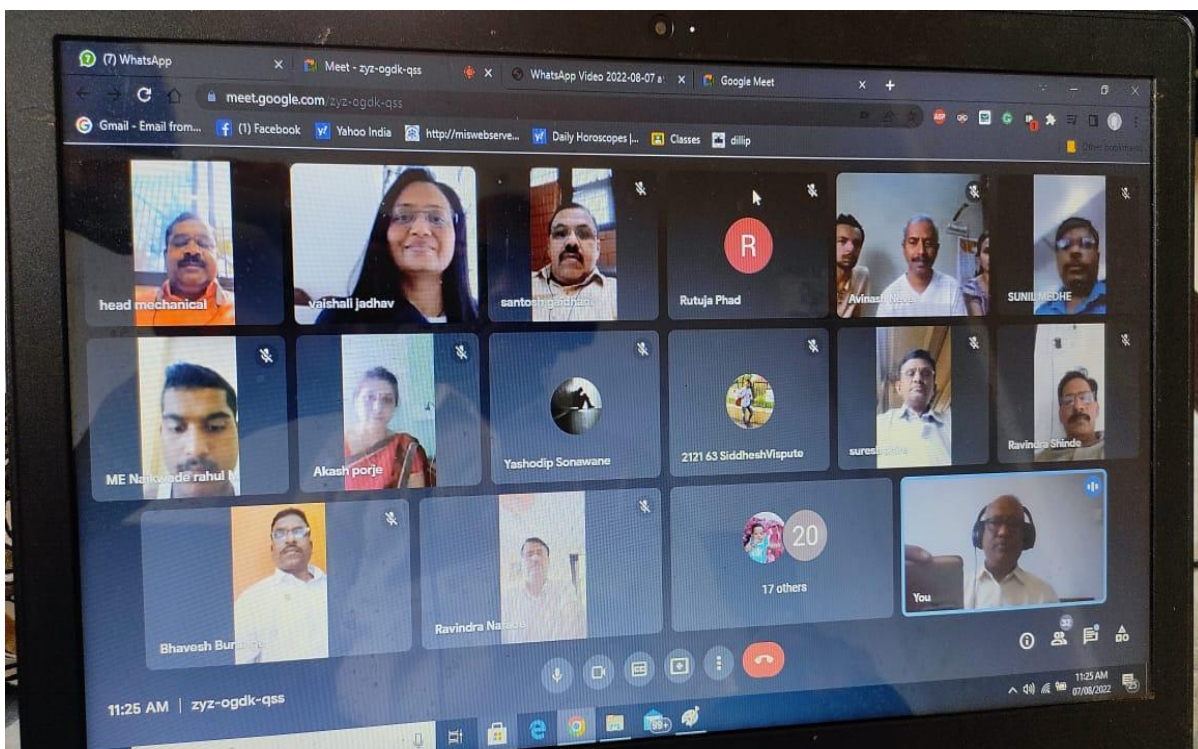


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Mechanical Department has conducted the Parent Meeting on 14th august 2022 .

Industrial Visit arranged on 02/09/2022 of second year mechanical students in Jadhav foundry , Ambad, MIDC, Nashik. Total 100 students have attended the Industrial visit. In foundry students got the practical knowledge of patterns, sand, mould and furnaces. Industrial person shows the actual casting processes and job.

The students also visited Sagar Enterprises limited in Ambad, MIDC, Nashik. In Sagar enterprises, laser cutting machine, Shearing machine, Bending machine and Press machine operation shown by the Engineers. In Sagar Industry students saw the machining operations and different types of tools and dies.



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Industrial Visit of Second Year Mechanical Students



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Shri. Prashant N. Ghotkar attended the meeting with Hon CEO of Z P Nashik regarding distribution of Tractors on subsidised rates to farmers.




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Dr. Ketan Jagtap has done Reviewer Assignments of research papers for SAE International, Pittsburgh, USA.



September 12, 2022

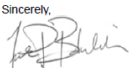
Prof Dr. Ketan A. Jagtap PhD
Mechanical Engineering
Government Polytechnic Nashik
Nashik MH 422 101
India

On behalf of SAE, its members, and the authors who wish to publish their technical papers through us, I'd like to thank you for your time and talent you've donated by reviewing the following technical papers for SAE meetings

Paper Number (Offer Number)	Paper Title
22ADMMS-0151 (22ADMMS-0151)	Implementation Of Voice-Assisted Collaborative Robot Assembly With Object Identification In A Production Line
22ADMMS-0088 (22ADMMS-0088)	Investigations on Wire Electrical Discharge Machining of AA 2014 alloy using Taguchi's Approach for Aerospace Applications

Your diligence, combined with the effort of other reviewers, ensures that only the best-written technical papers are accepted by SAE for publication. It's the first step in a series of quality control checks that certifies SAE-published papers to be the premier source for high quality technical information in the industry!

Thank you very much for all your dedicated service to SAE, and subsequently, the engineering knowledge base!

Sincerely,


Frank Bokulich
Manager Engineering Events

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Dr. Ketan Jagtap Selected as an Editorial board member of Online Journal of Mech Engg by Science Publications, USA and International Journal of Industrial & Mfg Systems Engg by Science Publishing Group, USA.





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III ME (Di. A & Div. B) Industrial Visit at Sansun Industries Pvt. Ltd., Ambad MIDC, Nashik on 19/09/2022.





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Induction Programme is organized by Department of Mechanical Engineering for newly Admitted students in Academic Year 2022-2023.



HoD Prof. R. N. Khadse Addressing the newly admitted students.





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Dr. K. A. Jagtap Addressing the newly admitted Students



Prof. S. V. Medhe Addressing the newly admitted Students



Prof, D. P. Khadse addressing the newly admitted students



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Engineers Day and Teachers Day Celebration on 15th September 2022 organised by MESSA.





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Department of Mechanical Engineering has organised a Live workshop on CATIA Software for Third year Mechanical students on 15th september 2022.





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MoU of Mechanical Department done with ACCESS CADD solutions, nashik





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Dr. Shrikant J. Gorane has got BEST ENGINEER AWARD From Lions Club Nashik on the Occasion of Engineers Day 15th September 2022.



Dr. Shrikant J. Gorane receiving Award of BEST ENGINEER FROM Lions Club Nashik



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लघुउद्योग भारती व शासकीय तंत्रनिकेतन नाशिक यांच्या संयुक्त विद्यमाने आयोजित इंजीनियरिंग टॅलेंट सर्च 2022 स्पर्धा आज संस्थेच्या डॉ. ए पी जे अब्दुल कलाम हॉलमध्ये संपन्न झाली.





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यंत्र अभियांत्रिकी विभागात 28-09-2022 आंतरराष्ट्रीय माहिती अधिकार दिन साजरा करण्यात आला. यानिमित्ताने संस्थेच्या माहिती अधिकारी श्रीमती लतिका गायकवाड मॅडम यांनी विद्यार्थ्यांना मार्गदर्शन केले. त्याचप्रमाणे प्राध्यापक संतोष गायधनी यांनी सुद्धा या कायद्याच्या अनुषंगाने विद्यार्थ्यांना मार्गदर्शन केले. याप्रसंगी विद्यार्थ्यांनी उत्स्फूर्तपणे आपले मनोगत व्यक्त केले

