

DEPARTMENT OF MECHANICAL ENGINEERING

"YANTRIK"

THE DEPARTMENTAL
NEWSLETTER

2020



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Vision beyond the limits...



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TULSIRAMJI GAIKWAD-PATIL

College of Engineering & Technology, Nagpur

NH-7, Mohgaon, Wardha Road, Nagpur - 441 108

Approved by AICTE, New Delhi & Govt. of Maharashtra, Affiliated to RTM Nagpur University

DEPARTMENT OF MECHANICAL ENGINEERING

Inside this issue:

+ **YANTRIK: 2020**

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Co-curricular Activities

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- ✓ Technical Sessions

Extra Curricular Activities

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- ✓ Students
Achievement
- ✓ Topper

VISION

“To emerge as a premier centre in the field of Mechanical Engineering Education and produce competent Engineers.”

MISSION

1. To impart quality Technical Education through effective teaching -learning process
2. To provide a better environment to encourage innovation and entrepreneurship.
3. To strengthen industry institute interaction to meet the challenges of industry and society.
4. To ensure overall development of students and staff members by inculcating knowledge and professional ethics.

FROM HOD DESK



Dr. Prashant Kadu
HOD, ME

Welcome to the Department of Mechanical Engineering of Tulsiramji Gaikwad-Patil College of Engineering 7 Technology Nagpur. We started our journey in the year of 20011. Over the last 12 years, we have grown our Expertise & competence in the core Mechanical Engineering curriculum. The primary focus of our curriculum is to impart technical know-how to students, promote their problem solving skills & innovation of new technologies. The students are encouraged to undertake various research projects.

We have state of the art research facilities in the constitution with industry to support our academic programs. Our department has a distinguished record in both teaching & research. Faculty members have excellent academic credentials & are highly regarded. Our department looks forward to contributing to solving the technological challenges of the society with active participation from all sections of the society.

The goal of this newsletter is to keep you updated with developments in Mechanical Engineering Department of TGPCET. This department is continuously undergoing transformation. New initiatives have been launched related to academics, student affairs', and research and extra curricular activities.

The students & faculty members of the department are sincerely participating in various activities organized at institute or at other places. It is elevating to see the sound performance of students. I offer best wishes for future activities. At last, I thank to the editors of YANTRIK for their sincere efforts & I offer my best wishes to the readers of this newsletter.



Mr. Ravindra Shende
Chief Editor

It brings me immense joy & pleasure to introduce the Fourth edition of the departmental newsletter "YANTRIK". All the creative energies that came on to this platform in the form of faculty experts & students are finally presenting a replica of their enthusiastic hard work through this extravaganza that has come out so organically. Technical & Arts every section shines out differently in its true sense. All the events conducted throughout the year were perfectly planned & the overwhelming response it received said it all! This piece of art would not have been complete without the sheer determination & perseverance of all the students who pushed their limits every time to bring out this artistic reality. Their efforts coupled with immense support from the faculties truly have done justice to carry on the legacy. I am grateful for all the support "YANTRIK" has received throughout the year in every possible way from the faculties & Students. I hope the readers of the newsletter have a wonderful reading experience & wish this year's edition too receives your love & support like it has always received till date.



Mr. Amrit Roy
Student Content Editor
Student, Final year, ME

There is no denying that one day my memory of words will turn vague but every page of this newsletter will open a box of memory so vivid! Filled with hard work, dedication & limitless time put in making this one book that I will always be grateful to " YANTRIK " will make you fall in love with drawings again! It gives me immense pleasure to bring to you an extraordinary & masterly collection of the events, activities, achievements, highlights at the college presented in the 6th Annual departmental newsletter " YANTRIK" 2020". The newsletter reflects the identity of TGPCET Mechanical Department as well as gives the students & teachers a platform to explore their creativity & imagination. This work is a result of the various phases from planning to data collection to segregation to organization to proofreading to designing. I take this opportunity to express my gratitude to our HOD Dr. P. S Kadu & Mr. Ravindra Shende for their constant assistance & guidance. My sincerest thanks to all the captains, heads, mentors & the teams without whom this newsletter would have just been a dream. Last but the most important, you, the readers, YANTRIK would not have been what it is today without you. So, as you turn through the pages, I hope you like the curation of emotions, fervor, faith, ideas & aspirations expressed in words.

Technical Workshops 2020-21

The Mechanical Engineering Department of Tulsiramji Gaikwad-Patil College of Engineering and Technology, Nagpur conducted the Online Webinar on “Impact of Oil Prices on Global Industries during COVID-19” for the final year students of the institution as well as open participation from the other colleges in and around Nagpur. The expert speaker of the webinar Er. Anand Khanzode, (Head of Learning and Development, Qatar Petroleum Company, Doha, Qatar) guided the students about the challenges in the career in the Oil sector and also the impact of the oil pricing in the global industries.

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TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology
WEBINAR
For All Branches of Final Year Students
On
“**IMPACT OF OIL PRICING
ON GLOBAL INDUSTRIES
DURING COVID-19**”
Er. Anand Khanzode
Head, Learning and Development
Qatar Petrochemical Company,
Doha, Qatar.
25th May 2020 10:30 AM to 11:30 AM
GAIKWAD-PATIL
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Registration Link:- <https://forms.gle/NFY0YdHEGFN3a519>
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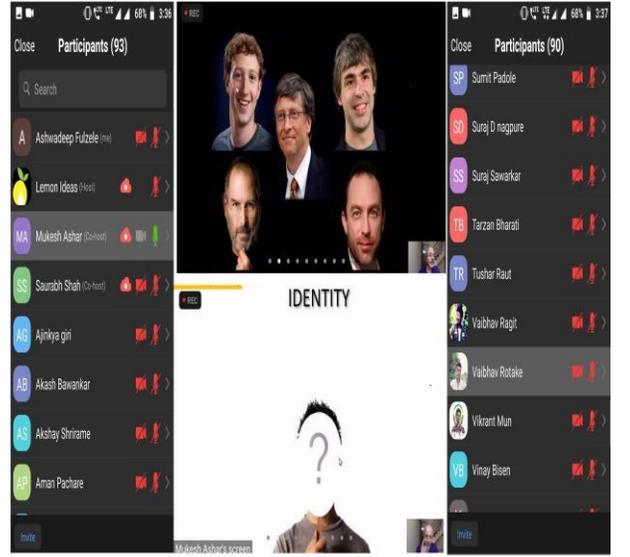
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Vijay Talodhikar (You)
Anand Khanzode >
Radharaman Shaha >
Anand Khanzode

A seminar on “**Entrepreneurship and Entrepreneurial Development**” was organized by the Department of Mechanical Engineering, TGPCET on 31st August, 2020 through online platform. The chief guest was Mr. Mukesh Adhar, Co-founder, Lemon LSE & JCE, USA Certified Trainer. He discussed with students about scope and career perspectives in details such as their basic concept area of scope and applicability. He emphasized his lecture directing the students to go for Entrepreneurship sector, as it is current industry requirement.

नागपुर संदेश

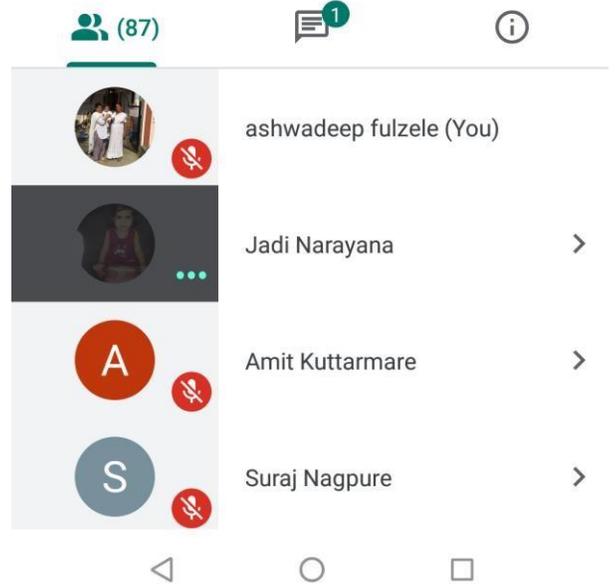
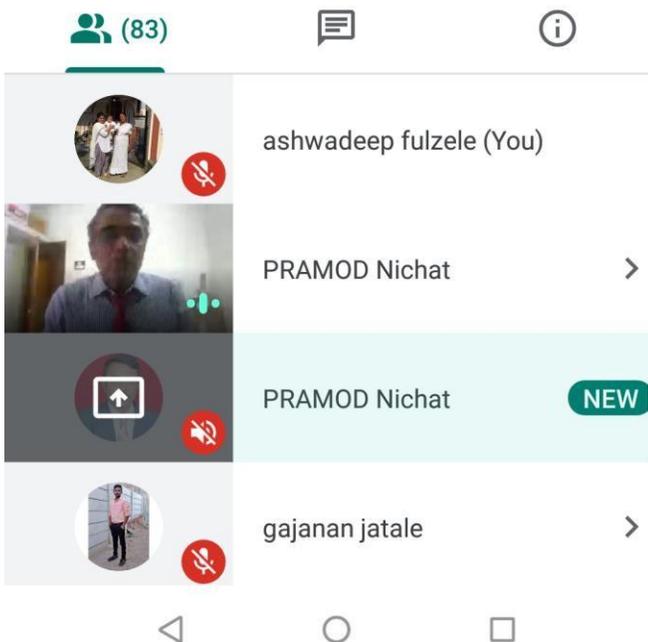
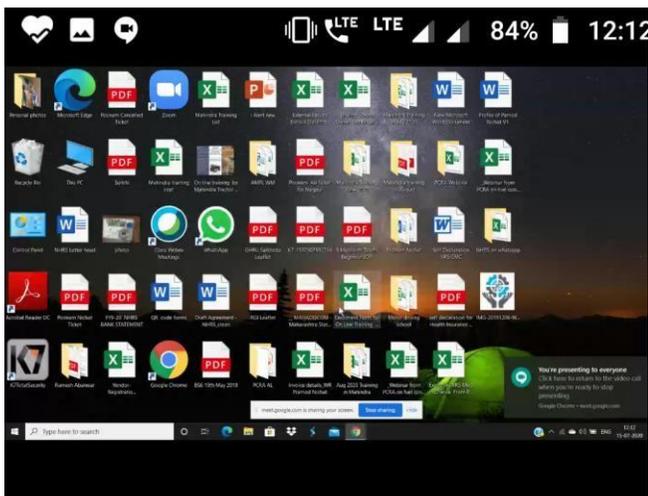
तुलसीरामजी गायकवाड पाटिल कॉलेज में व्याख्यान संपन्न

नागपुर, 28 सितंबर. तुलसीरामजी गायकवाड पाटिल कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी कि ओर से टीजीपीसीईटी के यांत्रिकी विभाग में अतिथी व्याख्यान का आयोजन किया गया. यांत्रिकी विभाग में अंतिम वर्ष के छात्रों के लिए उद्यमिता और उद्यमशीलता का विकास इस विषय पर अतिथि व्याख्यान ऑनलाईन आयोजित किया गया. इस अवसर पर मुख्य अतिथि .मुकेश आधार, सह संस्थापक, लेमन, एलएसई, एन्ड जेएसई, संयुक्त राज्य अमेरिका, वेबिनार में छात्रों को मार्गदर्शन किया गया. व्यवसायी बनने के लिये प्रोत्साहन दिया और व्यवसायी बनने के लिये विविध पैलू पर महत्वपूर्ण जाणकारी दी. और आत्मनिर्भर होने के लिये प्रोत्साहित किया. विद्यार्थी व्याख्यान से प्रोत्साहित हुए. इसमें 100 छात्रों ने हिस्सा लिया. कार्यक्रम में डॉ. मोहन गायकवाड, समूह के अध्यक्ष प्रा. संदीप गायकवाड, कोषाध्यक्ष डॉ. एस. एस. राठौर, प्राचार्य प्रा. प्रगती पाटिल, महाविद्यालय के उपप्राचार्य ईनोने आदि प्रमुख रूप से उपस्थित थे. सफलतार्थ विभाग प्रमुख प्रा. रितेश बनपुरकर, समन्वयक प्रा. अश्वदीप फुलझेले ने सहयोग दिया.



गायकवाड कॉलेजमध्ये व्याख्यान
नागपूर : तुळशीरामजी गायकवाड
पाटील कॉलेज ऑफ इंजिनीअरिंग
अॅण्ड टेक्नॉलॉजी येथे मेकॅनिकल
इंजिनीअरिंग विभागात अतिथी
व्याख्यानाचे आयोजन करण्यात
आले होते. अमेरिकेतील उद्योजक
मुकेश आधार यांनी विद्यार्थ्यांना
'उद्योजकतेचा विकास' या विषयावर
मार्गदर्शन केले. विभागप्रमुख प्रा.
रितेश बनपूरकर आणि प्रा. अश्वदीप
फुलझेले यांनी कार्यक्रमाचे आयोजन
केले होते.

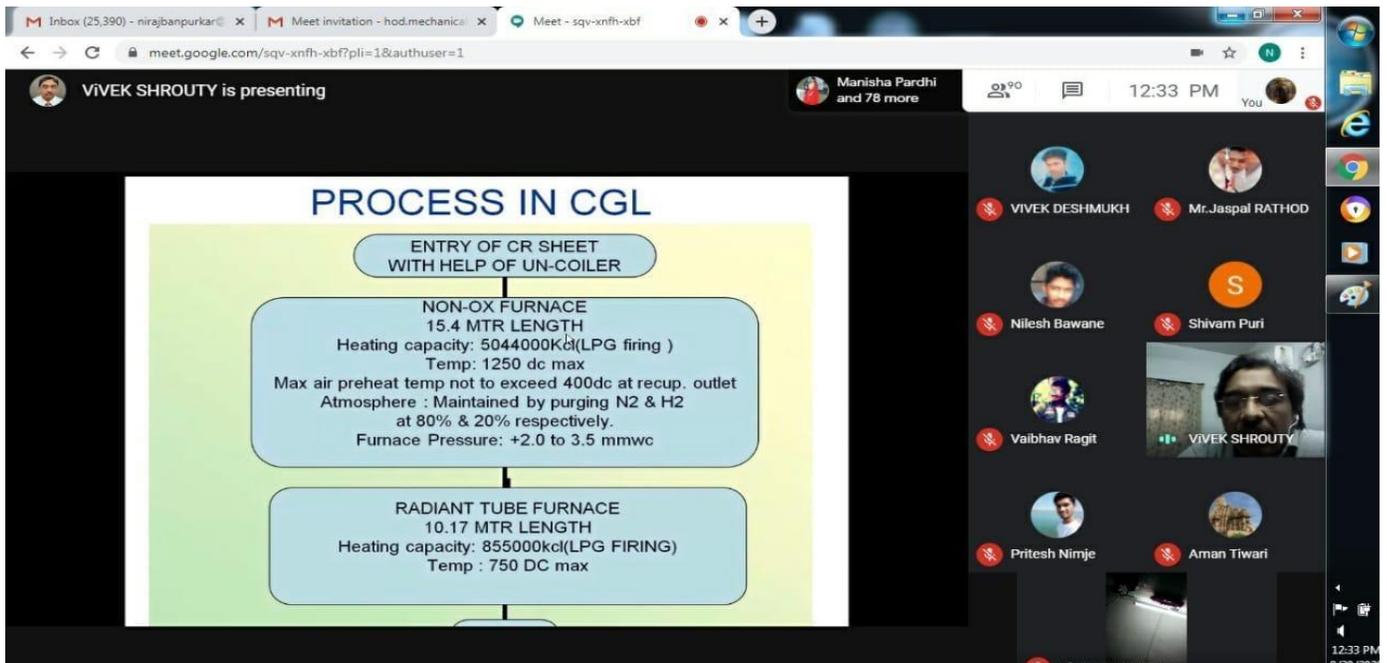
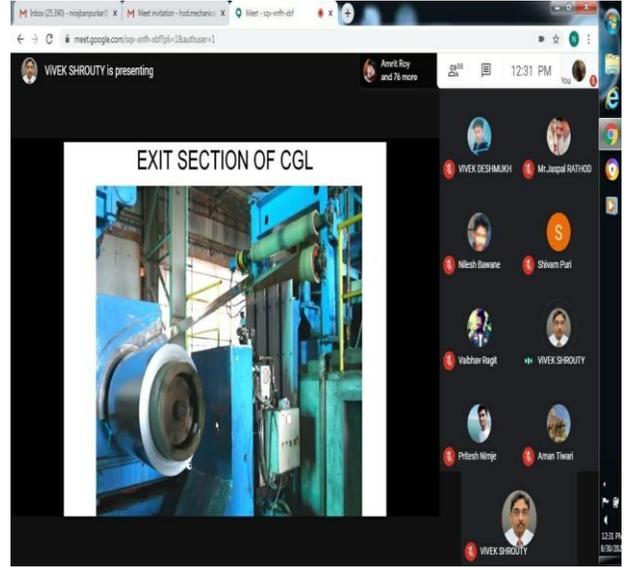
A Guest Lecture on “**Bharat Stage-6 pollution norms and their implementation**” was organized by the Department of Mechanical Engineering, TGPCET on 15th July, 2020 through online platform. The chief guest was Mr. Pramod Nichat, Managing Director, Nichat Human Resource Solutions, Nagpur. He explained in this session about his knowledge in Automobile. He discussed with students about pollution control norms and PCRA in details such as their basic concept area of scope and applicability.



A Guest Lecture on “**Bharat Stage-6 pollution norms and their implementation**” was organized by the Department of Mechanical Engineering, TGPCET on 15th July, 2020 through online platform. The chief guest was Mr. Pramod Nichat, Managing Director, Nichat Human Resource Solutions, Nagpur. He explained in this session about his knowledge in Automobile. He discussed with students about pollution control norms and PCRA in details such as their basic concept area of scope and applicability.

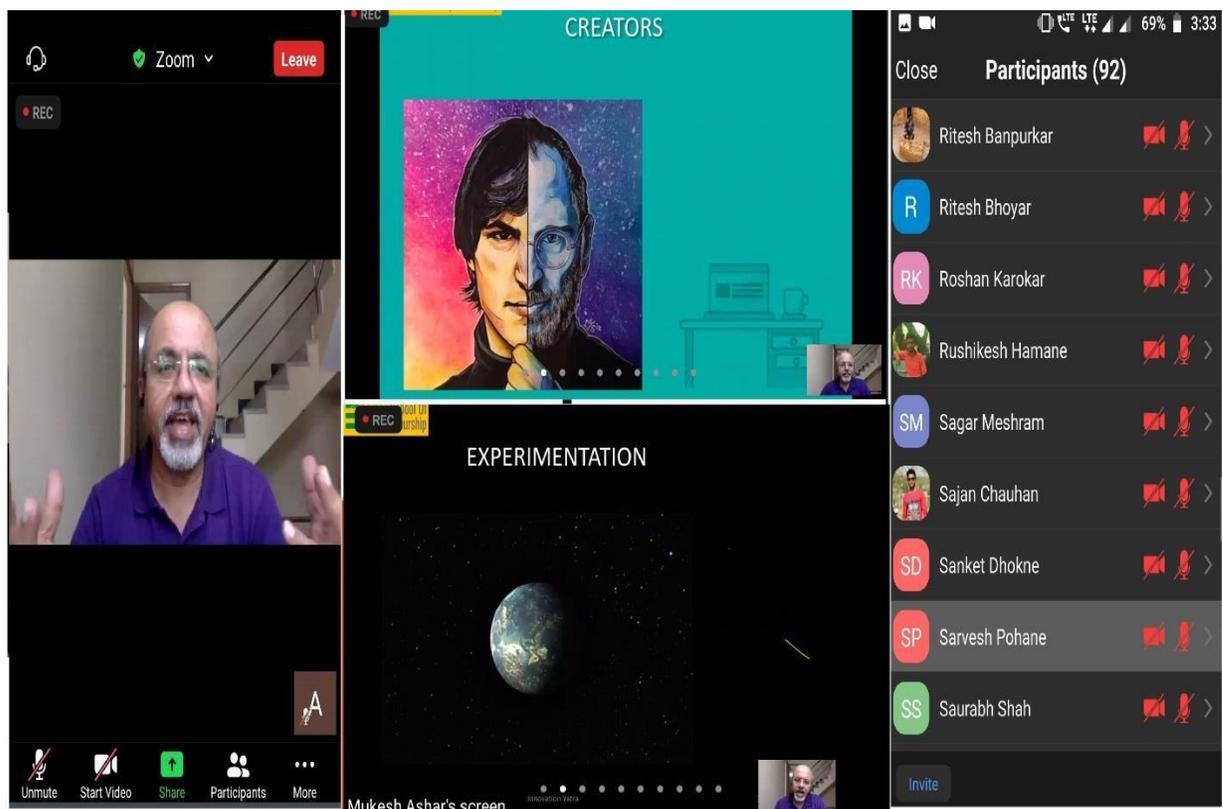
‘टीजीपीसीईटी’च्या यांत्रिकी विभागात व्याख्यान

तुळशीरामजी गायकवाड पाटील कॉलेज ऑफ इंजिनिअरिंग अँड टेक्नॉलॉजीमध्ये यांत्रिकी विभागाच्या वतीने ‘ऑप्टिमायझेशन’ या विषयावर अतिथी व्याख्यानाचे आयोजन करण्यात आले होते. या ऑनलाईन व्याख्यानाला अंतिम वर्षांच्या विद्यार्थ्यांची मोठी उपस्थिती होती. कार्यक्रमाला प्रमुख अतिथी म्हणून यांत्रिकी विभागाच्या कॅड विषयातील प्रख्यात तज्ज्ञ डॉ. रवींद्र देहनकार यांची उपस्थिती होती. त्यांनी विद्यार्थ्यांना मार्गदर्शन केले. ऑप्टिमायझेशन या विषयाचे लाभ सांगत विद्यार्थ्यांना याविषयी सविस्तर माहिती दिली. यांत्रिकी विभागातील अंतिम वर्षीय विद्यार्थ्यांना व्याख्यानाचा भरपूर फायदा झाला. संस्थेचे अध्यक्ष डॉ. मोहन गायकवाड, कोषाध्यक्ष प्रा. संदीप गायकवाड, प्राचार्य डॉ. एस.एस. राठौर, उपप्राचार्य प्रगती पाटील आदींनी कार्यक्रमाचे कौतुक केले. कार्यक्रम विभागप्रमुख प्रा. रितेश बनपुरकर यांच्या मार्गदर्शनाखाली पार पडला.



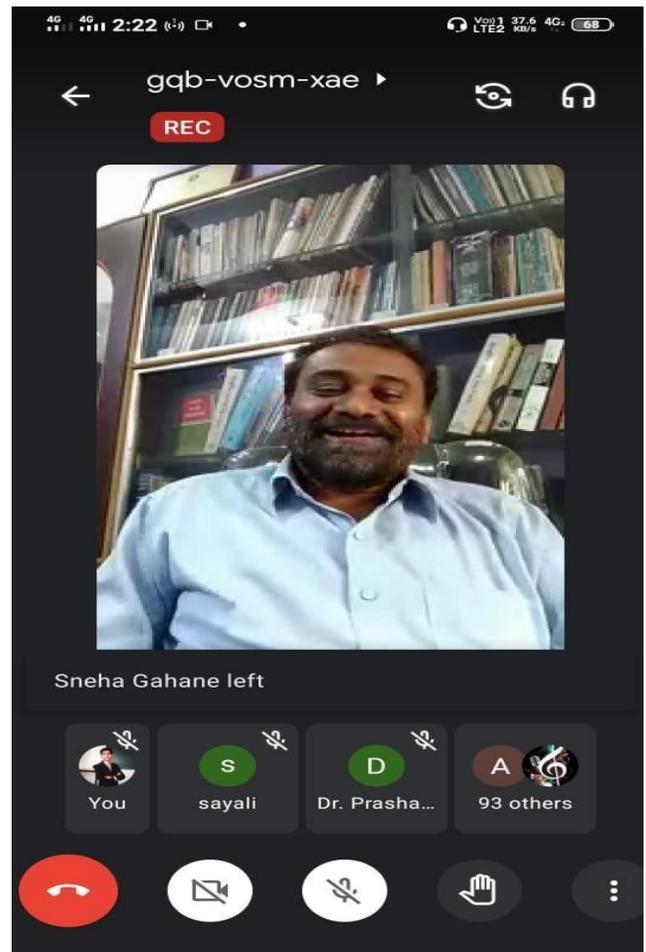
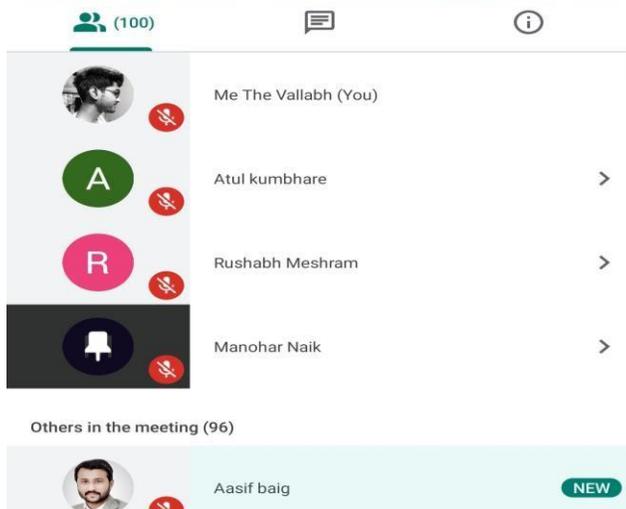
Forum Installation

Mechanical Engineering department of Tulsiramji Gaikwad-Patil College of Engineering & Technology had organized a forum named “ROBUST” on 29th August, 2020 under Mechanical Engineering Students Association. During the Installation of forum the chief guest Mr. Mukesh Adhar, Co-founder, Lemon LSE & JCE, USA Certified Trainer. He motivated the students stating the importance of Make in India. He further said that, manufacturing sector encompasses a set of industries to make or produce anything in a factory and therefore, it requires a great deal of specialized knowledge. Mechanical engineers are often referred as manufacturing engineers also as they are recruited by all kinds of companies which manufacture a variety of machines, robotics and other equipment.



Celebration of Constitution Day

Mechanical Engineering Department of Tulsiramji Gaikwad Patil College of Engineering Technology organized has celebrated the National Constitution Day. On the occasion Prof. Dr. Manohar Naik, Associate Professor at Principal Arunrao Kalode College, Nagpur was the Chief Guest. He articulated the Preamble of Constitution and quoted it's importance in our life. He further added that the Our Constitution is a resolve to constitute India into a sovereign, socialist, secular democratic Republic. . It is, in fact, a promise to the people for securing them socio-economic and political justice, liberty and equality; liberty of thought, expression, belief, faith and worship; equality of status and opportunity; and to promote among all – fraternity, assuring the dignity of the individual and the unity of the nation. Dr. B. R. Ambedkar, very clearly outlined the core expectations underlining the various commitments.



Students Achievement

GATE 2020 Qualify



Mr. Nikhil Wanmali
Registration No. : ME20S12056380
Marks out of 100: 56.51

Top Placement



Mr. Mayur Dongare
Assistant Manager M BYJUS, Nagpur
Package: 8 LPA

College Topper in Final Year

Sr. No.	Name of Students	SGPA
1	Shubham Tembhone	9.64
2	Ankit Rahangdale	9.36
3	Shubham Kadam	9.27



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& TECHNOLOGY, NAGPUR**

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