



# **MECH. NEWSLETTER**

**Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao  
Ganpatrao Thakare College Of Engineering**

**Department Of Mechanical Engineering**

# Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering

## Department of Mechanical Engineering

### Mech Newsletter

## Mechanical News Letter: December 2020 Vol: 4 Issue: 2

Department of Mechanical Engineering is established in year 1999. Department offers Bachelor of Engineering degree with an intake of 120 students and Post Graduate degree in Design Engineering with an intake of 24 students, which has been affiliated to Savitribai Phule Pune University, Pune. We have well qualified and dedicated staff and is known for its high academic standard, well-maintained discipline and complete infrastructure facilities. The dedication and hard work of the staff members have given fruitful results with our students securing ranks at University examination consistently. Many MoUs are signed with various industries offering opportunity to the students to work on live industry projects. We have received grant from government of India, BCUD, SPPU, etc. for research work and various workshops. Our students are excellent at National level and State level project competition like Avishkar. There are 13 laboratories in the department. A separate CAD/CAM/CAE laboratory has been developed with various softwares such as

CATIA, CREO, ANSYS, Pro-ENGINEER, AutoCAD, MATLAB etc. We also conduct various certificate courses like Post Graduate Diploma in Computer Aided Product Design for the students as per the needs of the industry. The Department also has a well-established workshop for training in Smithy, Carpentry, Welding, Fitting and Machine tools. The department has a departmental association MESA and Students' chapter SAE which organizes National level competitions. The department organizes various Industrial visits, Seminars and Workshops for students. SAE –INDIA Collegiate club is also formulated under which students of all departments are enthusiastically taking part in making the SAE INDIA vehicle.

The purpose of this Newsletter is to inform the Student-Staff fraternity of Nashik and society at large of the news, including relevant announcements and updates that we believe are important to them.

## **Vision**

To be the centre for excellence and centre of learning for innovation, incubation and research in the domain of product design, thermal engineering and manufacturing technology thereby path finder for professionalism, entrepreneurship and new knowledge contributing to the common masses.

## **Mission**

To educate and train undergraduate and post graduate students in Mechanical Engineering by inculcating the values for discipline, quality and transparency and profession development in the job and self-employment emphasis industry based practices.

## **Program Educational Objectives**

To prepare technocrats that can satisfy the need of mechanical and allied industries. To develop critical thinking, problem solving skills, research aptitude and career and professionalism among the students. To improve and expand technical and professional skills of students through effective teaching-learning and industry interaction.

## **Program Specific Outcomes**

PSO1: Ability to design, analysis and problem solving skills using basic principle of mechanical engineering.

PSO2: Ability to impart technical and professional skills through industry institute interaction.

PSO3: Develop practical skills for the benefits of society.

## **1. Training & Placement**

### **Name of the Event**

#### **Placement of Students**

Following students of Mechanical Engineering have been placed

Byju's (3.6 LPA)

1. Mr. Darshan Gite
2. Mr. Gautam Kumar
3. Mr. Suyog Jadhav

Armstrong Machine Builders Pvt. Ltd, with an annual CTC of 2.16 LPA

1. Ms. Samruddhi Godse
2. Mr. Pradip Kuwar

TCS LTD with an annual CTC of 3.36 LPA

1. Jayesh Kalantri

## **2. Expert Talk/ Webinar**

### **Name of the Event**

**Webinar on “Introduction to CFD (Computational Fluid Dynamics)”**

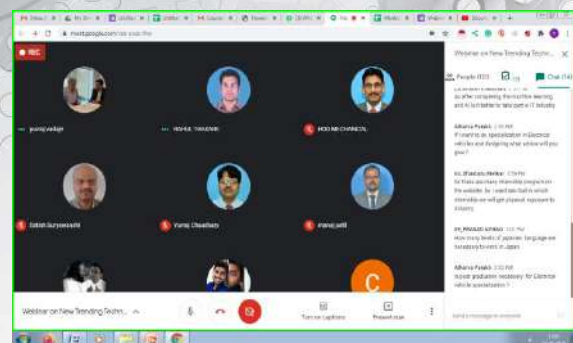
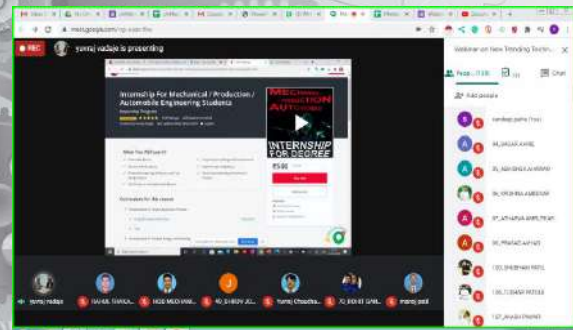
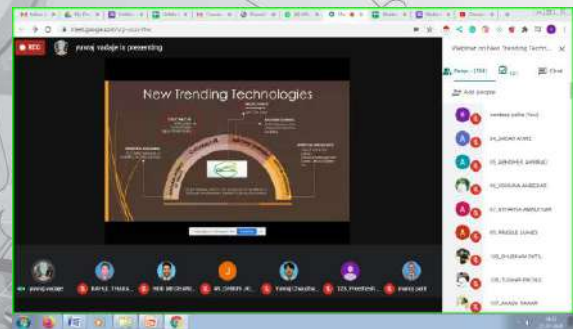
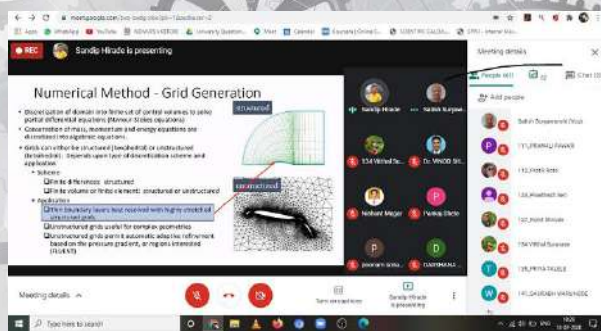
Date –18<sup>th</sup> July 2020

Time – 05:00 PM

A Webinar on “Introduction to CFD (Computational Fluid Dynamics)” was organized in the Department of Mechanical Engineering on 18<sup>th</sup> July 2020 by Mr. Sandip Hirade. In this webinar, he elaborated on the different aspects of CFD used in industry. He has also shown one case study on CFD Simulation in which he has given the practical exposure to the students on ansys software. During his talk, he also emphasized on the career opportunities in CFD. He answered to the

queries of the students regarding the CFD as well as CAE Simulation. For this webinar support was extended by Management, Principal, Vice Principal and HOD. All staff member of Mech. Engg. Dept. have also supported and made this event possible.

career building. For this webinar support was extended by Management, Principal, Vice Principal and HOD. All staff member of Mech. Engg. Dept. have also supported and made this event possible.



### Name of the Event

**Webinar conducted by Mr. Yuvraj Vadaje on “New Trending Technologies and Job opportunities”.**

Date –23<sup>th</sup> July 2020

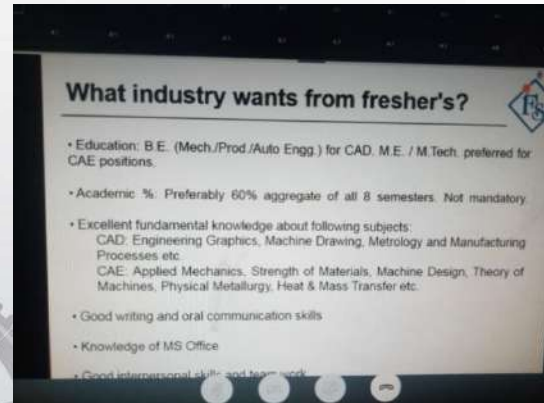
Webinar on “*New Trending Technologies an Job opportunities*” was organized by Department of Mechanical Engineering, KBT College of Engg. Nashik on 23<sup>rd</sup> July 2020. The objective of the webinar was to make students aware of latest trend and technology in the industries. The Resource person Mr. Yuvraj Vadaje, CEO, UV Knowledge link pvt.ltd.Nashik, has guided the student about area of opportunities for Mechanical Engineers, new trending technologies like Machine learning, AI. He has guided about various foreign language requirement for higher studies and form job perspective. He also Focused on internship program their importance for

### Name of the Event

**Webinar conducted by Mr. Sameer Latkar on “Career opportunities in CAD/CAM/CAE”.**

Date:- 25<sup>th</sup> July 2020

Webinar on “*Career opportunities in CAD/CAM/CAE*” was organized by Department of Mechanical Engineering, KBT College of Engg. Nashik on 25<sup>th</sup> July 2020. The objective of the webinar was to make students aware of latest CAD/CAM/CAE software used in the industries. The Resource person Mr. Sameer Latkar, Technical Director, IFS Academy, Pune, He has guided the student about area of opportunities for Mechanical Engineers in the domain of CAD/CAM/CAE. He also Focused on internship program their importance for career building. For this webinar support was extended by Management, Principal, Vice Principal and HOD. All staff member of Mech. Engg. Dept. have also supported and made this event possible.



### Name of the Event

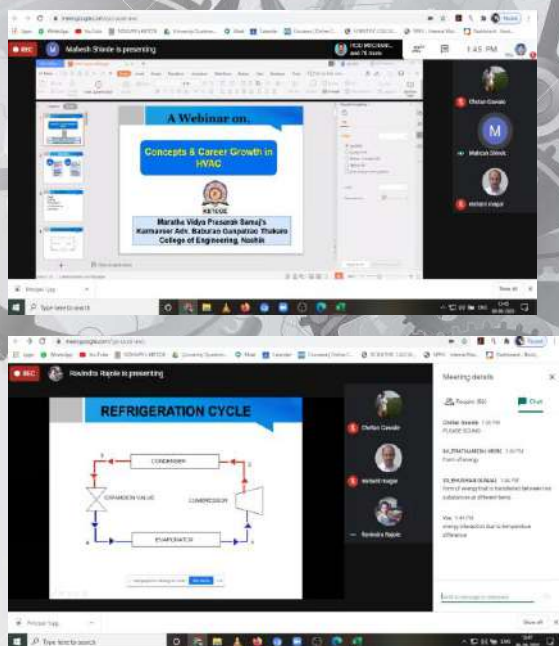
**Webinar on “HVAC- Heating, Ventilation and Air Conditioning, Basics, Latest trends and Career Opportunities”**

Date –08<sup>th</sup> August 2020

Time:- 01:30 PM

An online Webinar on “HVAC - Heating, Ventilation and Air Conditioning, Basics, Latest trends and Career Opportunities” was organized in the Department of Mechanical Engineering on 08<sup>th</sup> Aug. 2020. Mr. Mahesh Shinde and Mr. Ravindra Rajole of Blue Star Ltd. Pune were the invited speakers for this webinar. In this webinar, both the speakers explained the details of Refrigeration and Air conditioning basics as well as the career opportunities in this emerging field of HVAC industry. Mr. Ravindra Rajole elaborated on basic refrigeration cycle as well as different air conditioning and cooling systems like Window ac, Split ac, VRF system and various types of Chillers. Mr. Mahesh Shinde focused on the future trends and career opportunities in this emerging field. He also mentioned the importance of HVAC industry in our day to day life. Both the experts answered

to the queries of the students about this emerging field of HVAC. Dr. V. C. Shewale, HOD (Mech.) Welcomed Speaker and Participants. Principal Dr. N. S. Patil & Vice-Principal Prof. N.B. Desale sir motivated for conduction of webinar & given best wishes to department. Mr. S. J. Suryawanshi has arranged a webinar.



### Name of the Event

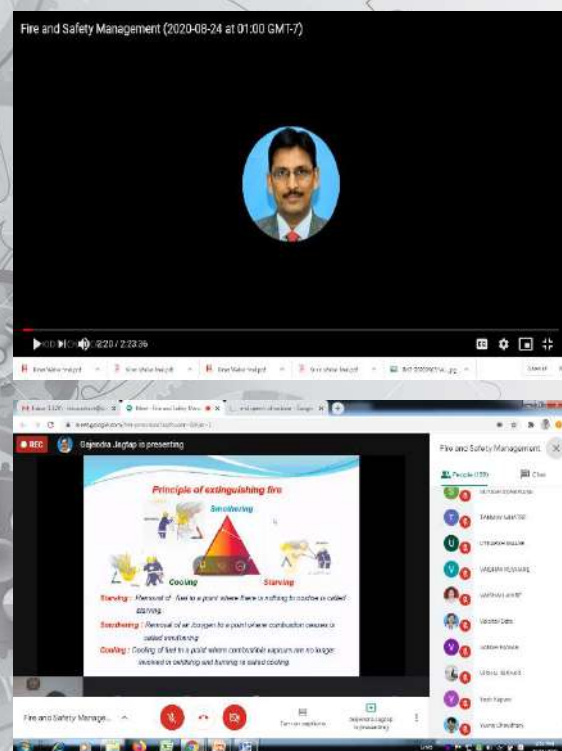
**A webinar is organized on “ Advance Fire & Safety Management”**

Date –24<sup>th</sup> August 2020

Time:- 01:30 PM

Mechanical Engineering Student Association (MESA) of Department of Mechanical Engineering of MVPS's K.B.T College of Engineering, Nashik organized webinar on " Advance Fire & Safety Management " on Monday, 24<sup>th</sup> August 2020 at 1.30 pm IST through "Google Meet" platform. The resource person for

the webinar was Mr. Gajendra R. Jagtap (F&S Trainer, Veteran, Indian Navy). Mr. Jagtap sir gave nice information & preventive methods to avoid fire. The webinar was arranged for S.E. and T.E. students. Around 160+ Participants were present for webinar. Dr. V. C. Shewale, HOD (Mech.) Welcomed Speaker and Participants. Principal Dr. N. S. Patil & Vice-Principal Prof. N.B. Desale sir motivated for conduction of webinar & given best wishes to department. Mr. P. S. Tile has arranged a webinar.



### Name of the Event

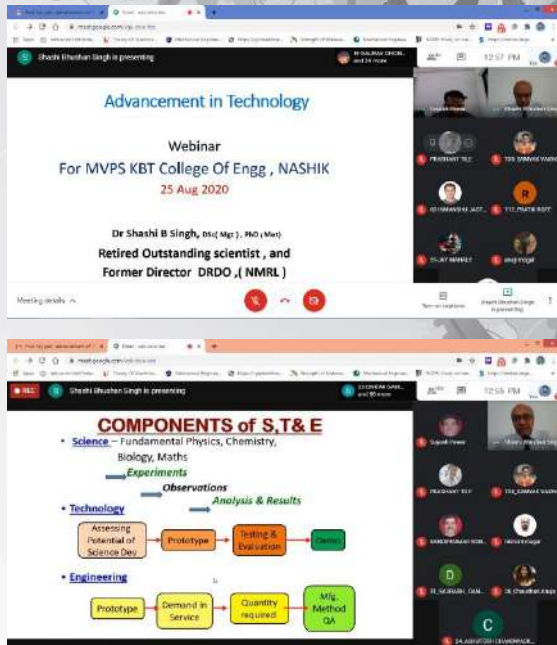
**A webinar is organized on “ Advancement in Technology”**

Date –29<sup>th</sup> August 2020

Time:- 01:00 PM

Mechanical Engineering Student

Association (MESA) of Department of Mechanical Engineering of MVPS's K.B.T College of Engineering, Nashik organized webinar on "Advancement in Technology" on Saturday, 29<sup>th</sup> August 2020 at 01:00 pm IST through "Google Meet" platform. The resource person for the webinar was Dr. Shashi Bhushan Singh (Ex- Director, DRDO). Dr. S. B. Singh sir gave broader views on Advanced technologies and how the various technologies evolve in respect to current scenario. The webinar was arranged for S.E., T.E. and B.E. students. Around 120+ Participants were present for webinar. Dr. V. C. Shewale, HOD (Mech.) welcomed Speaker and Participants. Principal Dr. N. S. Patil & Vice-Principal Prof. N.B. Desale sir motivated for conduction of webinar & given best wishes to department Mr. M. N. Sonawane and Mr. P. S. Tile have arranged a webinar.



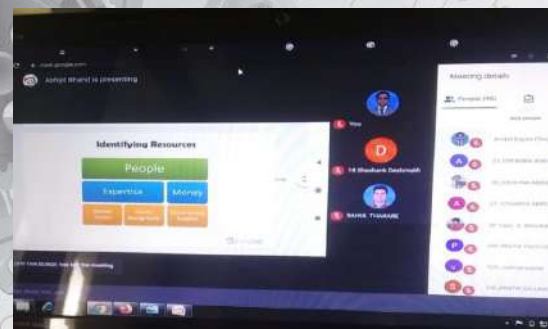
### Name of the Event

**A WEBINAR ON “START UP AND INTELLECTUAL PROPERTY AWARENESS ”**

Date –28<sup>th</sup> September 2020

Time.:- 01:00 PM

KBT COE ED and Startup Cell in association with Khandlab Institute of Intellectual Property and Research organized an online webinar on “START UP AND INTELLECTUAL PROPERTY AWARENESS” for students of Mechanical Engineering. Mr. Abhijit Bhand, Founder and CEO of Khandlab Institute of Intellectual Property and Research enlightened students about different aspects related to Start ups and Intellectual Property Rights. HOD Mechanical Dr.V.C.Shewale highlighted the importance of awareness about business opportunities in india.Vice Principal Prof.N.B.Desale given emphasis about nurturing the self employment culture amongs students. Principal & Educational Officer Dr.N.S.Patil motivated and guided start up cell for successful organization of this webinar. All participants were awarded with participant certificates.



### Name of the Event

**Webinar on “Why Join ISHRAE”**

Date –12<sup>th</sup> October 2020

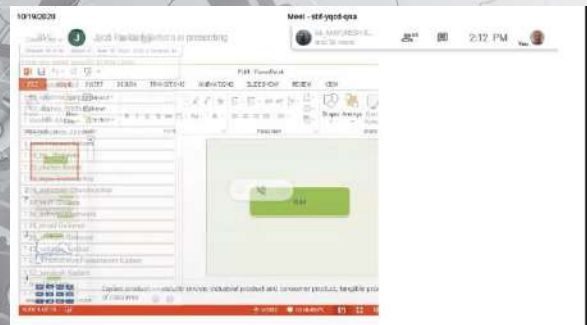
Time.:- 01:45 PM

An online Webinar on “Why Join ISHRAE” was organized in the

Department of Mechanical Engineering on 12<sup>th</sup> Oct. 2020. Mr. Ashfaq Kagdi, Secretary, Nashik ISHRAE Chapter was invited as a speaker for this webinar. He explained the various activities of ISHRAE to our students in which he mentioned the student benefits as well as institute benefits of ISHRAE chapter. He also appealed to all the students for becoming an ISHRAE student member which will definitely help them in buiding their career profile as there are vast opportunities in this emerging field. He answered to the queries of all the students about ISHRAE. Dr. V. C. Shewale, HOD (Mech.) Welcomed Speaker and Participants. Principal Dr. N. S. Patil and Vice-Principal Prof. N.B.Desale sir motivated for conduction of webinar & given best wishes to department.



Technical, Apras Polymer, Nashik was invited as an expert for this webinar. He explained the various processes carried out in Product design in a project of an industry. He also showed some the products developed by him in industry. He also mentioned the importance of different materials like nanomaterials, carbon fibre and composite materials in improving the efficiency as well as strength of the product. He answered to all the queries of the students about the Product development process carried out inside the industry. Dr. V. C. Shewale, HOD (Mech.) Welcomed Speaker and Participants. Principal Dr. N. S. Patil and Vice-Principal Prof. N.B.Desale sir motivated for conduction of webinar & given best wishes to department.



### Name of the Event

**Webinar on “Product Life Cycle Management”**

Date –19<sup>th</sup> October 2020

Time.-: 01:45 PM

An Webinar on “Product Life Cycle Management” was organized in the Department of Mechanical Engineering on 19<sup>th</sup> Oct. 2020. Mr. J. P. Behera, Director-

### 3. Other Activities

#### Name of the Event

**Mechanical Dept. Orientation Program 2020**

Date –01<sup>st</sup> to 03<sup>rd</sup> July 2020

Time.-: 10:00 AM

Orientation Programs were conducted in the Department of Mechanical Engineering for SE, TE and BE students and their parents on 01<sup>st</sup>, 02<sup>nd</sup> and 03<sup>rd</sup> July 2020.



In these programs, Head of Dept. Dr. V. C. Shewale informed about the objectives of the orientation program and informed all students and parents about departments academic policies & other department data such as placement & inplant training. Dean R & D, Dr. S. B. Sonawane during his speech mentioned about the various research activities carried out during last 3 years. Project Coordinator, Dr. A. A. Kapse during his speech emphasized on the final year project guidelines for the students. Institute Cell Coordinator, Prof. S. Y. Pawar during his speech mentioned the various activities run under industry-institute interaction cell. IQAC Coordinator, Ms. G. M. Shirsat, mentioned about various activities run under IQAC (Internal Quality Assurance Cell). Training and Placement Coordinator, Mr. Vineet Deore, during his speech mentioned the points of the student internship as well as their project to be done in final year as these two activities are going to help them a lot in their campus interview where companies are focusing mainly on the exposure of the students to the industry point of view.

Lastly, all the students were informed to stay at home and be safe during this Covid19 pandemic period.



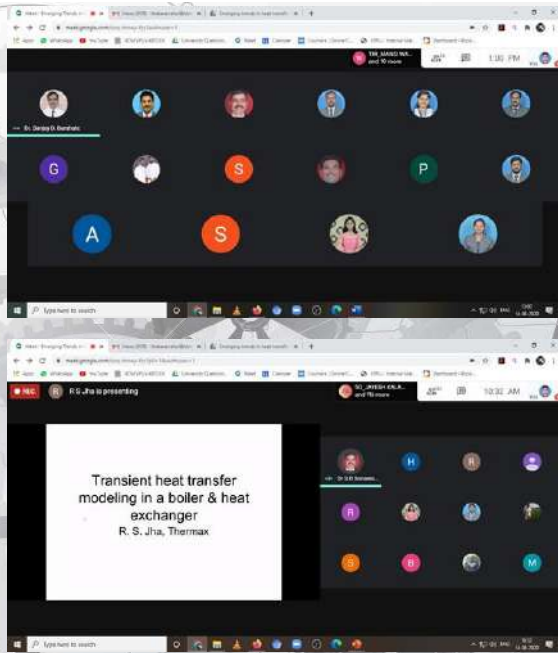
## Name of the Event

### **Two Days Online Workshop on 'Emerging trends in heat transfer'**

Date –13<sup>th</sup> & 14<sup>th</sup> August 2020

Two days online workshop was conducted by Department of Mechanical Engineering to give detailed insights about emerging trends in heat transfer to the faculties and students. Dr. N. S. Patil (Education Officer & Principal), Prof. N. B. Desale (Vice Principal), Dr. V. C. Shewale (HOD Mech.Engg.) and Dr. Paresh Gupta, Chief Manager, HAL, Nashik had inaugurated the workshop. Principal Dr. N. S. Patil addressed importance of such workshop for industry as well as academicians. Coordinator Dr. V. C. Shewale and Dr. S. B. Sonawane had shared the details regarding topics covered in workshop. During workshop online sessions were conducted by Er. R. S. Jha (Thermax Limited,Pune), Er. Parag Sonawane (Director, Product Development, BOYD Corporation, China), Dr. Prashant Deshmukh (College of Engineering, Pune) and Dr. Sanjay Barhate (Professor KKWIEER, Nashik). More than 200 participants from had actively participated in the workshop and took benefit of same.





### Name of the Event

### **Three days online FDP on “Renewable Energy – A Future Prospectus”**

Date –03<sup>rd</sup> to 05<sup>th</sup> September 2020

Time:- 01:30 PM

A Three days online Faculty Development Programme on “Renewable Energy – A Future Prospectus” was arranged by the Dept. of Mechanical Engineering between 03/09/2020 to 05/09/2020.

Dr. A. A. Kapse, FDP Coordinator, welcomed the guest, Principal, Vice-Principal, HOD Mech. & all the participants for the three days online FDP. Inauguration of the FDP was done by Chief guest Mr. Avinash Shirode (Ex-Aerospace Engineer of ISRO, Trivandrum). During inauguration session, Mr. Avinash Shirode shared his views about the importance of renewable energy

& its Applications. He also emphasized on the ways of harnessing the solar energy from space station in the coming future.

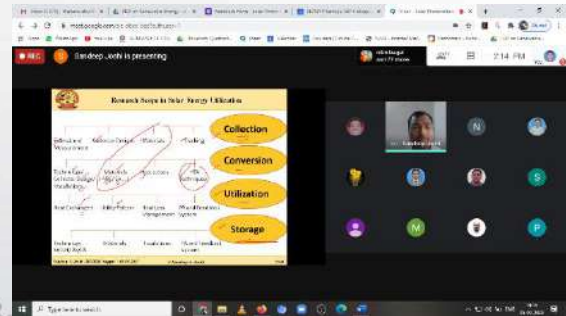
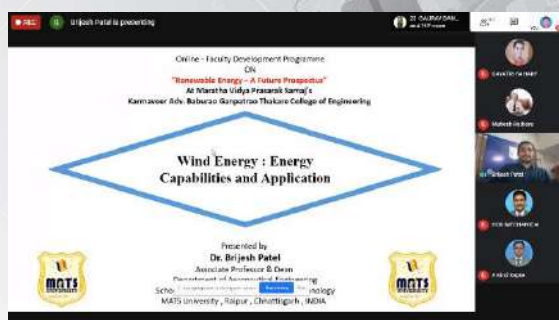
Principal & Education Officer, Dr. N. S. Patil mentioned that use of renewable energy & its use in our day to day life will definitely reduce the burden on conventional energy means e.g. thermal power stations which are the most polluting agents for the environment. On this occasion Vice Principal Mr. N. B. Desale also expressed his views about importance of use of renewable energy sources. Head of Mechanical Dept. Dr. V. C. Shewale during his speech emphasized on the current scenario of Renewable energy in India & the initiatives & policies of Ministry of New & Renewable Energy regarding implementation of Renewable Energy Sources. He also welcomed all the participants for the FDP & appealed to all the participants to take the benefit from the sessions of the expert speakers of this three days online FDP.

On first day of FDP, Dr. Brijesh Patel, Head of Aeronautical Dept. Mats University, Raipur shared his views about the Wind energy & its applicability in which he mainly focused on the current wind power generation scenario in India. He also discussed the design and performance aspects of wind turbine. The participants asked the queries about the wind energy wherein Dr. Brijesh Patel answered to all the questions of the participants.

On second day of FDP, Dr. Naveen Kumar Shrivastava, Asst. Professor, BITs Pilani, Dubai Campus, UAE, during his expert talk explained the basic working of Fuel cell to the participants, performance of the

fuel cell and current progress of Fuel cell technology in India. He also answered to all the queries of participants related to fuel cell.

On the last day of FDP, Dr. Sandeep Joshi, Asst. Professor, Ramdeobaba College of Engg. & Management, Nagpur elaborated on the topic Solar Photovoltaic thermal systems in which he firstly talked about the thermal application part of solar energy and then he focused on the photovoltaic application part of solar energy. Lastly he shared his research findings of BIPVT systems with all the participants and also answered to all the queries related to solar energy utilization of all the participants.



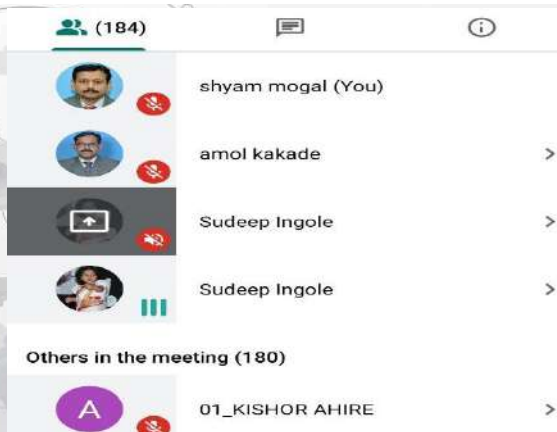
### Name of the Event

### **Two Days Online Workshop on “Recent Trends in Industrial Tribology”**

Date –18<sup>th</sup> & 19<sup>th</sup> September 2020

Time:- 10:30 AM

Two days online workshop was organized by Department of Mechanical Engineering to give detailed insights about recent trends in Industrial Tribology to the faculty members and students of the department. Dr. N. S. Patil (Education Officer & Principal), Prof. N. B. Desale (Vice Principal), Dr. V. C. Shewale (HOD) and Mr. Sandip Chaudhari (Head business, Greaves cotton Ltd., Pune) inaugurated the workshop. Prof. N. B. Desale (Vice Principal) addressed importance of such workshop for industry as well as academicians. Dr. V. C. Shewale (Head of Department) and Dr. A. B. Kakade (coordinator) shared the details regarding topics to be covered in workshop. During workshop, online sessions were conducted by Dr. Sudeep Ingole, (Prasenjeet Technologies LLC, Houston, Texas, USA), Er. Hemant Bari (Deputy General Manager, Condition Monitoring Cell, Adani Thermal Power Station, Dahanu) and Dr. Y. R. Kharde, (Principal, SVIT Chincholi, Nashik). More than 190 participants from had actively participated in the workshop and took benefit of same. Coordinator Dr. S. P. Mogal proposed vote of thanks.



## Name of the Event

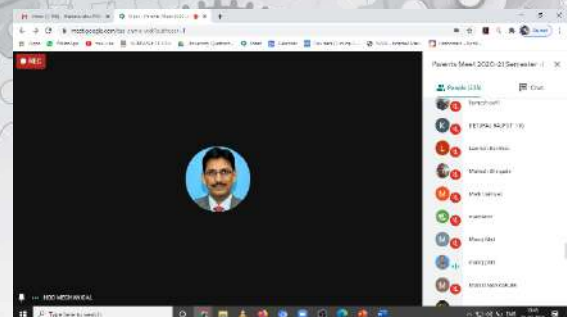
### **Parents Teacher Meet.**

Date – 26<sup>th</sup> September 2020

Department of Mechanical Engineering organized Virtual Parents-teachers meet on 26th September 2020. The aim of the meeting was to clear the doubts of parents & students regarding academics, examinations and Placement. The Meeting was conducted on Google meet platform.

The meet was attended by 250 parents and teachers. For this meeting, Dr. N. S. Patil (Principal and Education officer) Prof. N. B. Desale (Vice Principal, MVPS's KBT COE Nashik), Dr. V. C. Shewale (HoD, Mech), Dr. S. J. Kokate (Dean Academic), Prof. Vineet Deore (Training & Placement officer), Prof. B. N. Shinde (College Examination Officer), all faculty and parents of the student were present for the meet.

Welcome address and introductory speech was proposed by Dr. V. C. Shewale. He gave the brief introduction of the efforts taken by the department during the current semester. Dr. N. S. Patil guided the parents regarding the initiatives taken by the institute and Management. Prof. N. B. Desale welcomed the parents and shared the plans of the institute. Academic Dean Dr. S. J. Kokate explained institute plans of the current academic semester and cleared all the doubts of parents. Afterward Placement officer Mr. Vineet Deore also discussed regarding student placement. Prof. B. N. Shinde guided the parents regarding the university examination and cleared all the doubts coming from the parents. Prof. M. S. Patil coordinated the activity and proposed the vote of thanks. Prof. R. S. Thakare gave the technical support.





### Name of the Event

### **Three days online FDP on “Research Methodology”**

Date – 15<sup>th</sup> – 17<sup>th</sup> October 2020

Time:- 01:30 PM

A Three days online Faculty Development Programme on “Research Methodology” was arranged by the Dept. of Mechanical Engineering between 15/10/2020 to 17/10/2020.

Prof. N. K. Kharate, FDP Coordinator, welcomed the guest, Principal, Vice-Principal, HOD Mech. & all the

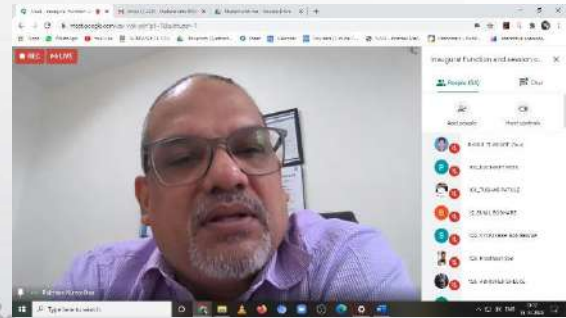
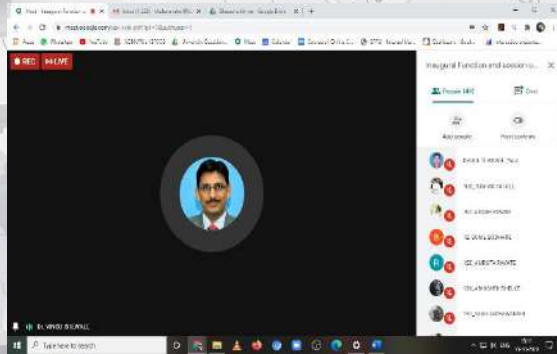
participants for the three days online FDP. Inauguration of the FDP was done by Chief guest Mr. R. K. Das (Vice-President, CEAT Ltd. Nashik). During inauguration session, Mr. R. K. Das shared his views about the importance of research in the new developments and new technology. Principal & Education Officer, Dr. N. S. Patil emphasized on the research for the faculties. On this occasion Vice Principal Mr. N. B. Desale also expressed his views about importance of use of research methodology. Head of Mechanical Dept. Dr. V. C. Shewale during his speech welcomed all the participants for the FDP & appealed to all the participants to take the benefit from the sessions of the expert speakers of this three days online FDP.

On first day of FDP, Dr. P. K. Brahamankar, Formerly Prof. & Head, Mechanical Engineering Department Dr. Babasaheb Ambedkar Technological University, delivered his expert talk on “How to write a Research Paper”. He elaborated all the aspects of writing a good research paper. He also suggested how to carry out a research work and publish papers in reputed journals. He talked about Do’s and Dont’s in writing a paper.

On second day of FDP, Dr. Yogeshwar V. Navandar, Assistant Professor, NIT, Calicut, elaborated the “Basics of Research Methodology” with various practical examples.

On the last day of FDP, Prof. (Dr.) Kannan Iyer, Visiting Professor, Department of Mechanical Engineering, IIT Jammu, talked about “Implemented Research Methodologies for completed Projects”. He shared three different methodologies of the work carried by his

Ph.D. scholars. He explained the methodologies with practical difficulties encountered and also answered to all the queries of all the participants.



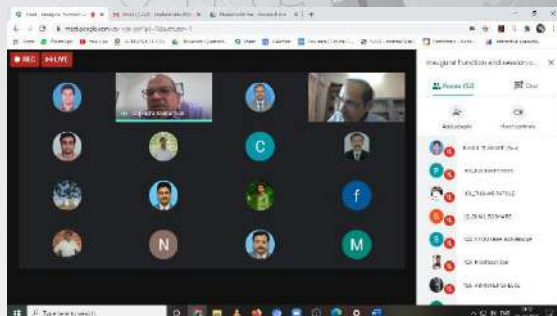
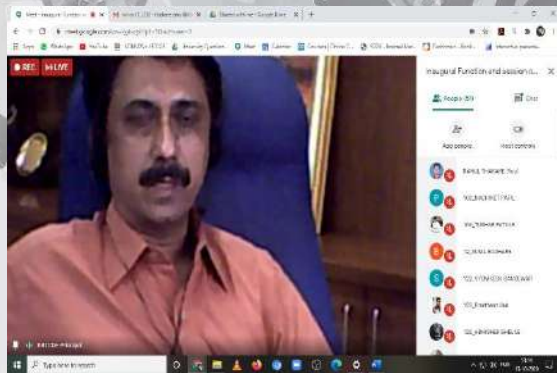
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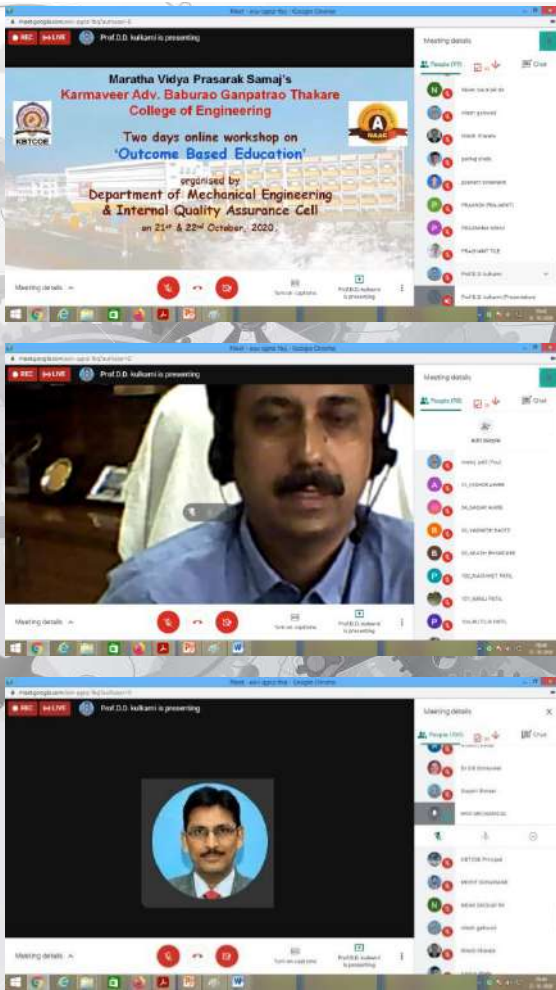
### **Two Days Online Workshop on "Outcome Based Education"**

Date – 21<sup>st</sup> & 22<sup>nd</sup> October 2020

Time:- 10:30 AM

Two days online workshop on Outcome Based Education was organized by Department of Mechanical Engineering to give detailed insights about awareness about National Board of Accreditation and Outcome Based Education to the faculty members and students of the department Dr.N.S.Patil (Education officer & Principal), Prof. N.B.Desale (Vice Principal) addressed importance of such workshop for the students Dr.V.C.Shewale (HOD) shared the details regarding topics to be covered in workshop. During workshop, online sessions were conducted by Dr. A. B. Kakade, Programme Coordinator, Dr. S. P. Mogal, Dr. S. B. Sonawane & Prof. P. C. Shete, Module Coordinator and Prof.G.M.Shirsat IQAC coordinator. More than 300 participants had actively participated in the workshop and took benefit of same. Coordinator Dr. A. B. Kakade proposed vote of thanks.





## Name of the Event

### **Department Advisory Board Meeting**

Date – 07<sup>th</sup> November 2020

Time:- 11:00 AM

Prof. N. B. Desale, Vice-Principal, Mr. Sayaji Sonawane, Mr. Vinod Patil., Mr. R. B. Patil, Mr. Amit Bal, Mr. Abhinav Shinde, HOD Dr. V.C. Shewale, NBA Coordinator Dr A. B. Kakade along with all faculty members and students were present for the meeting.

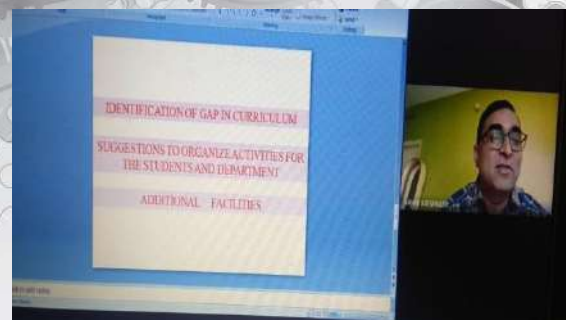
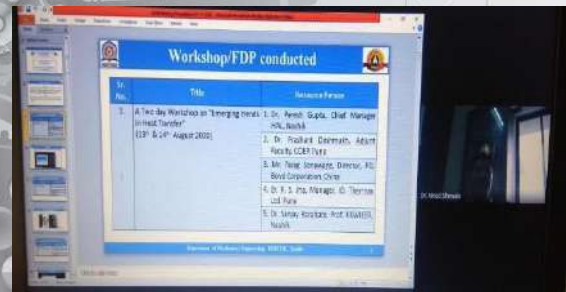
In this meeting head of the department presented the activities of the department during lockdown period. NBA coordinator briefed about the actions taken by the department as per instructions from DAB members. Further in the meeting New facilities in the department and industry sponsored laboratories were discussed.

## Name of the Event

### **Book Donation**

Date – 23<sup>rd</sup> November 2020

Books donated by Dr. A. B. Kakade.



## Name of the Event

### **“Two Days National E-Conference on “Recent Trends in Mechanical Engineering”**

Department Advisory Board meeting of Mechanical Engineering for 1<sup>st</sup> semester of academic year 2020-21 held on 7<sup>th</sup> November at 11.00 A.M. by using online mode.

Date – 25<sup>th</sup> – 26<sup>th</sup> November 2020

Time :- 10:00 AM

The Department of Mechanical Engineering of MVPS's K.B.T College of Engineering, Nashik conducted a Two Days National E-Conference on “Recent Trends in Mechanical Engineering” on 25<sup>th</sup> & 26<sup>th</sup> November 2020. The aim & objective of conference is to focus on research and developments related activities in Mechanical Engineering domains.

The Chief Guest Dr. Vijay S. J has elaborated friction stir welding and characterization and its application. Keynote Speaker, Dr.Absar Lakadawala has elaborated the procedure for carrying research (experimental / numerical / analytical) he has shared his research experience in this session.

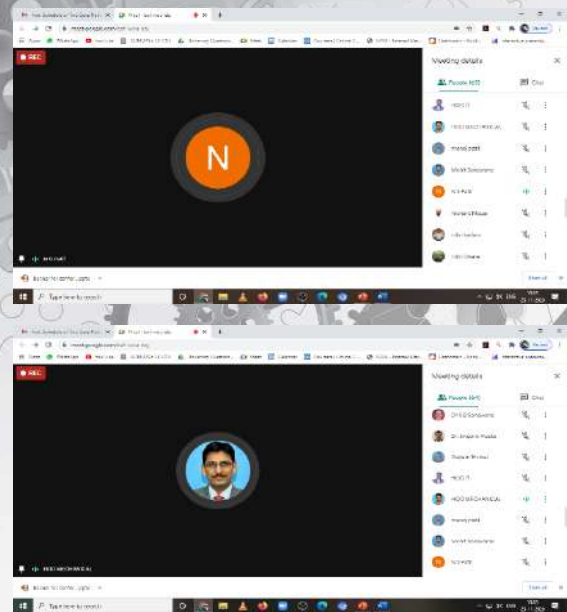
On Second day the Keynote Speaker, Dr. R. Sasikumar explained manufacturing process of composite material and discussed about composite material scope and its various application in an automobile industries. Dr.Sharad Pachpute has explained computational fluid dynamics (CFD) scope in industries and job opportunity.

Around 70 students + 32 Participants and faculty were present for inaugural function of conference

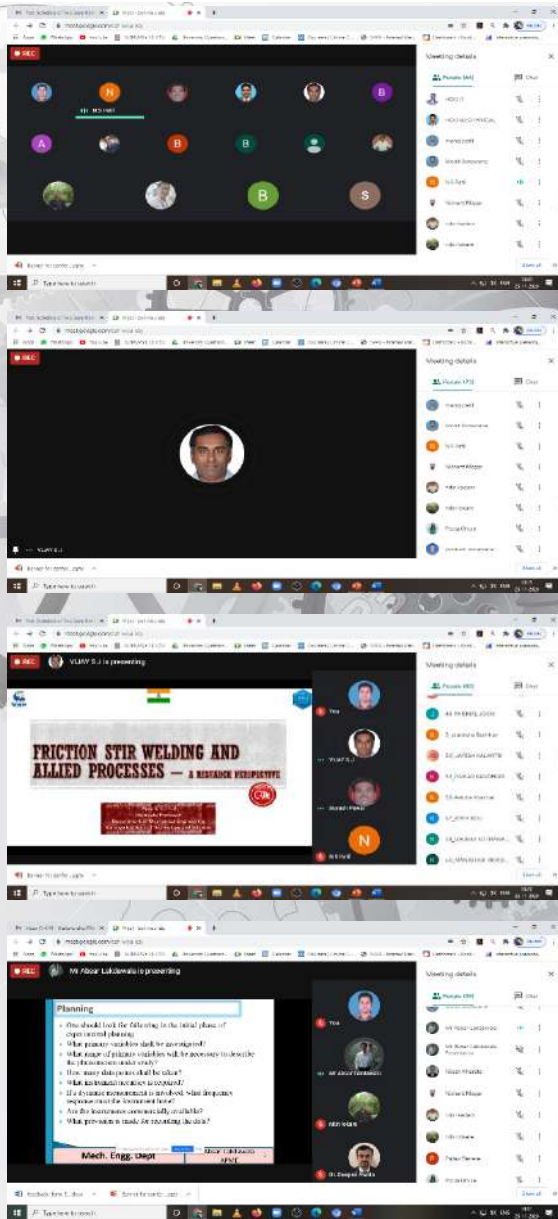
Chief Guest Dr. Vijay S. J, Dr. N. S. Patil (Education Officer & Principal), Prof.N.B.Desale (Vice Principal),Dr. V. C. Shewale (HOD) inaugurated the 1<sup>st</sup> national conference.

Dr. N. S. Patil (Principal) addressed importance of such conference to all students, participant and faculty . Dr. V. C. Shewale (Head of Department) shared the details regarding conference. During conference online sessions were conducted smoothly by the chairs, Dr. A.B.Kakade, Dr.S.P.Mogal, Dr.A.A.Kapse and Dr.S.B. Sonwane. Prof. R.S.Thakare handled all technical issue and anchoring all session. All conference entirely executed by coordinator Prof. P.C.Shete, Prof. Y.B.Chaudhary, and Prof. N.V.Lokare.

More than 250 participants had actively participated in the conference and took benefit of same. Dr. S.P. Awate proposed vote of thanks.







### Name of the Event

**Virtual Send-Off of batch 2019-20 conducted through online mode on Microsoft teams meet app due to lockdown**

Date – 21<sup>st</sup> December 2020

Time:- 05:30 PM

Virtual Send-Off of Batch 2019-20 was conducted in the Department of Mechanical Engineering through

Microsoft teams app on 21st Dec. 2020. Prof. S. J. Suryawanshi, Dept. Alumni Coordinator, welcomed all for the function. On this occasion, Vice-Principal Prof. N. B. Desale guided the students of 2019-20 batch about their future career and journey of life. Head of Dept., Dr. V. C. Shewale during his speech said that though during this Covid-19 pandemic the job opportunities have been reduced somewhat but the situation will be recovered soon and there will be wide job opportunities in the software industry after this lockdown, so students should focus more on the different Mechanical softwares to work in Mechanical industry, at the same time students can do the courses like SAP for better job opportunities. Dean Alumni, Dr. A. B. Kakade during his speech said that students should try to achieve more and more success in their career & should represent our institute wherever they work. Dr. A. A. Kapse during his speech said that Determination, Dedication and Discipline are the three important features of our life which can lead us to success in our career. Among the students, Suyog Dandge, Sanket Deore, Divyesh Badgujar and Tejas Patil expressed their views about the journey of four years during the college days. Lastly, Prof. S. J. Suryawanshi concluded the program with vote of thanks.



### Name of the Event

### **Academic & Administrative Audit in Mechanical Engg.Dept**

Date – 29<sup>th</sup> December 2020

IQAC successfully conducted the Internal academic and administrative audit of Mechanical Engineering Department on dated 29<sup>th</sup> Dec.2020.On this occasion committee members Ms. J.V. Pagar, Mr. Y. P.Patil and Ms.Jaya Suryawanshi, Dr.V.C.Shewale (HOD), Dr.A.B.Kakde (NBA Coordinator), Mr.D.D.Kulkarni (IQAC Coordinator), Ms.G.M.Shirsat (Dept.IQAC Coordinator) were present.

