



Maratha Vidya Prasarak Samaj's

**Karmaveer Adv. Baburao Ganpatrao Thakare**

**COLLEGE OF ENGINEERING**

NAAC 'A' Accredited

Udaji Maratha Boarding Campus, Near Pumping Station,

Gangapur Road, Nashik, Maharashtra, India

Phone: 0253-2571439/ 0253-258289,

Email: principal@kbtcoe.org Website: www.kbtcoe.org

**TECHNICAL NEWS LETTER: JULY-AUG 2020**

Vol.:4  
Issue:5



AISHE Code : C-41622

KBT COE NEWS LETTER

MVPS's K. B. T. College of Engineering, Nashik has been serving the society larger since 1999. At present the college provides four year courses leading to Bachelor's Degree of Savitribai Phule Pune University in Mechanical Engineering, Computer Engineering, Instrumentation and Control Engineering, Electronics and Telecommunication Engineering, Civil Engineering, Information Technology along with post graduate courses in MBA, ME Mechanical (Design Engineering) and ME Civil (Construction Management). The institute has been accredited with NAAC 'A' Grade.

The purpose of this Newsletter is to provide information to 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. However, this newsletter is also a valuable tool for bolstering morale, promoting unity, team spirit, motivating and rewarding achievements of KBT COE, Nashik. This college News-Letter has been started from January 2017 and latest issue will be available on the college website: [www.kbtcoe.org](http://www.kbtcoe.org)

### **Vision, Mission and Objectives of the Institute :**

#### **Vision**

To be Internationally accredited, Multidisciplinary, and Multi-collaborative institute working on technology enabled platform fostering innovations and patents through state-of-art academic system designed by highly qualified faculty for the development of common masses at large

#### **Mission**

To educate and train common masses through undergraduate, post graduate, research programs by inculcating the values for discipline, quality, transparency and foster career and professional development for employment thereby contributing to the development of society

#### **Objectives**

- To develop technically-sound engineers by engaging the students in progressive technical education and to promote students for academic growth by offering state-of-the-art undergraduate, postgraduate programmes.
- To undertake collaborative projects which offer opportunities for long-term interaction with society, academia and industry.

## 1. Training & Placement

### Department of Instrumentation and Control Engineering

#### Student Placement (July/Aug-2020)



Mr. Gaurav Nikam is placed in Dwarkadhish Sugar Industries, Taharabad, Satana, District Nashik. Mr. Akshay Nimbalkar is placed in iPAC Automations Pvt. Ltd., Pune and Mr. Yogesh Patil is being placed in Electromotives Pvt. Ltd., Nashik. Dr. N. S. Patil (Education Officer-MVP Samaj & Principal), Prof. N. B. Desale (Vice Principal), Dr. S. R. Parvat (HoD) and all the staff members of the department congratulated the students for their achievement.

### Department of Mechanical Engineering

#### Student Placement (July/Aug-2020)

Mr. Darshan Gite, Mr. Kumar Gautam and Mr. Suyog Jadhav are placed in Byju's Learning App (Think and Learn Pvt. Ltd.) through campus placement activities. They have been offered a salary package of 3.6 LPA. Dr. N. S. Patil (Education Officer-MVP Samaj & Principal), Prof. N. B. Desale (Vice Principal), Dr. V. C. Shewale (HoD) and all the staff members of the department congratulated the students for their achievement.

## 2. Webinars/Workshops/STTPs/ FDPs

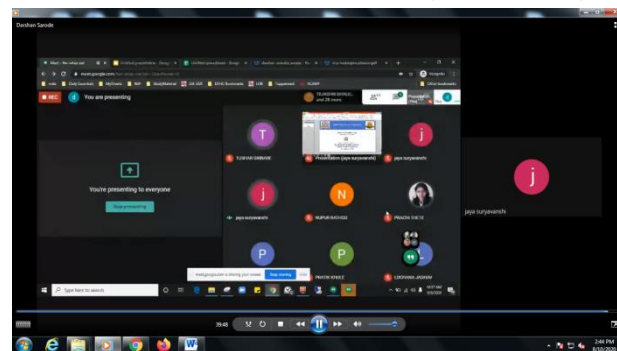
### Department of Information Technology

#### "Information Security and its Mitigation Techniques" by Mr. Vishal K. M. (09/08/2020)



The Department of Information Technology organized a webinar on The Department of Information Technology organized a webinar on "Information Security and its Mitigation Techniques" on 9<sup>th</sup> August 2020 through "YouTube Live" platform. Mr. Vishal K M (Certified Ethical Hacker by EC Council, US. And White Hat Hacker) was invited as the resource person for this webinar. on 9<sup>th</sup> August 2020 through "YouTube Live" platform. Mr. Vishal K M (Certified Ethical Hacker by EC Council, US. And White Hat Hacker) was invited as the resource person for this webinar.

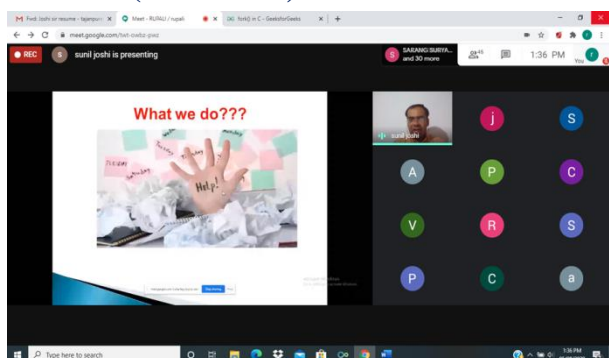
#### "DBMS Applications Overview" by Mr. Darshan Ravindra Sarode (08/08/2020)



Department of Information Technology organized a webinar on "DBMS Applications Overview" on 8<sup>th</sup> August 2020 for the TE-IT students. Mr. Darshan Ravindra Sarode (Oracle Database Developer) was invited as a resource person for this webinar. He guided the students on PD DV testing environment.



▪ **“Project Feasibility Study and Mathematical Modeling” by Mr. Sunil Joshi (05/08/2020)**



The Department of Information Technology organized a webinar on “Project Feasibility Study and Mathematical Modeling” on 5<sup>th</sup> August 2020 BE-IT students. Mr. Sunil Joshi (Software Developer, R3 Systems India Private Limited, Nashik) was invited as a resource person for this webinar. He guided the students on project topic and importance of final year Project.

**Department of Electronics & Telecommunication Engineering**

▪ **“Know Yourself as an Electronics Engineer” by Mr. Chittaranjan Mahajan (14/08/2020)**

The Department of Electronics & Telecommunication Engineering organized a webinar on “Know Yourself as an Electronics Engineer” on 14<sup>th</sup> August 2020. Mr. Chittaranjan Mahajan (Director, Dolphins Lab, Pune) was invited as a resource person. He guided the students on different application areas and opportunities for electronics engineers.

**Department of Instrumentation and Control Engineering (July – August 2020)**

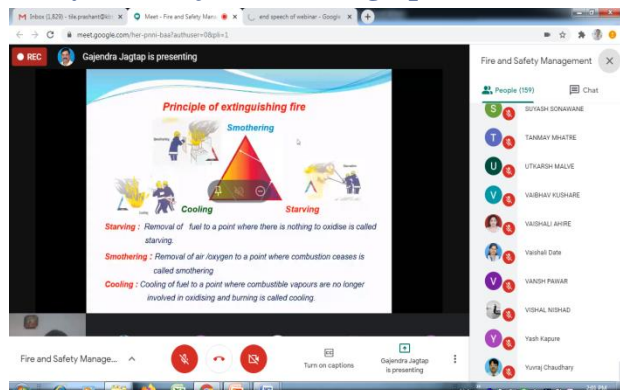
Sr. No.	Name of Staff	Webinars/ FDPs/Quiz / Panel Discussion etc Organized and/or Attended	Important Topics covered
1	Dr. A. R. Kulkarni	1-Webinar 1-Paper Review 2-Workshop	Electric Vehicles, Engineering & Systems, Virtual Labs, Yoga Day
2	Mr. V. A. Ahirrao	2- Online Courses 2-Webinar	Sensors, English Language, LinkedIn, AI
3	Dr. A. K. Patil	1-Online Course 1-FDP	Project Planning, Human Values
4	Mr. S. D. Nikam	1-Webinar 1-Online Course	Online Teaching, Arduino
5	Mr. S. R. Pandit	6-Webinars 1-Workshop	Deep Learning, LinkedIn, Innovation, Online Teaching, RM, IPR,
6	Mr. Y. P. Patil	1-Online Course 1-FDP 1-Webinar	Robotics, Human Value, VR
7	Ms. S. D. Tidame	1-Online Course	Stochastic Process
8	Mr. S. R. Pandit	1-Online Course	COVID-19 Contact Tracing
9	Ms. V. P. Shinde	3-Online Courses	Network Communication, Grammar, Cyber Security
10	Ms. J. S. Uphade	4-Online Courses 1-Webinar	WordPress, Self Awareness, COVID-19, English Language
11	Ms. P. U. Pawar	3-Online Courses	Google Docs, Visual Studio, PLC





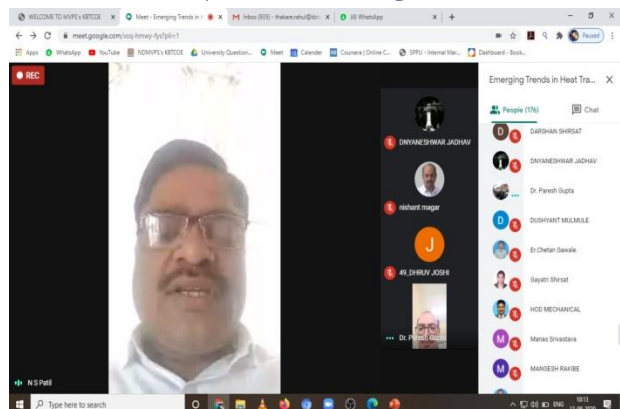
## Department of Mechanical Engineering

### ▪ "Advance Fire & Safety Management" by Mr. Gajendra R. Jagtap (24/08/2020)



Mechanical Engineering Student Association (MESA) of Department of Mechanical Engineering organized a webinar on "Advance Fire & Safety Management" on 24<sup>th</sup> August 2020 through "Google Meet" platform. Mr. Gajendra R. Jagtap (F&S Trainer, Veteran - Indian Navy) was invited as the resource person for the webinar.

### ▪ Workshop on "Emerging Trends in Heat Transfer" (13<sup>th</sup> – 14<sup>th</sup> August 2020)

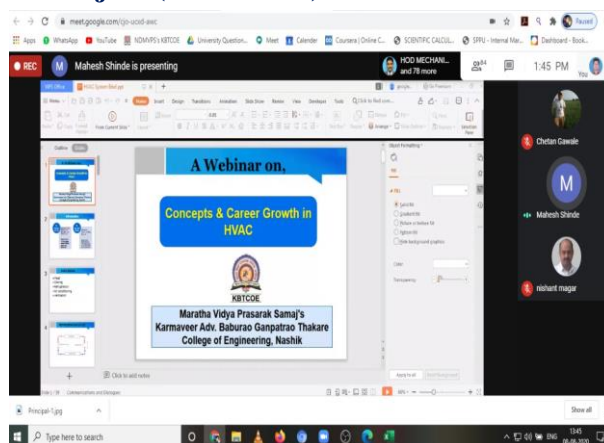


02-days online workshop was organized by Department of Mechanical Engineering to give detailed insights about emerging trends in heat transfer to the faculty members and students of the department. Dr. N. S. Patil (Education Officer & Principal), Prof. N. B. Desale (Vice Principal), Dr. V. C. Shewale (HOD) and Dr. Paresh Gupta (Chief Manager, HAL, Nashik) inaugurated the workshop. Dr. N. S. Patil (Education Officer & Principal) addressed importance of such workshop for industry as

well as academicians. Coordinator Dr. V. C. Shewale and Dr. S. B. Sonawane shared the details regarding topics to be 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.

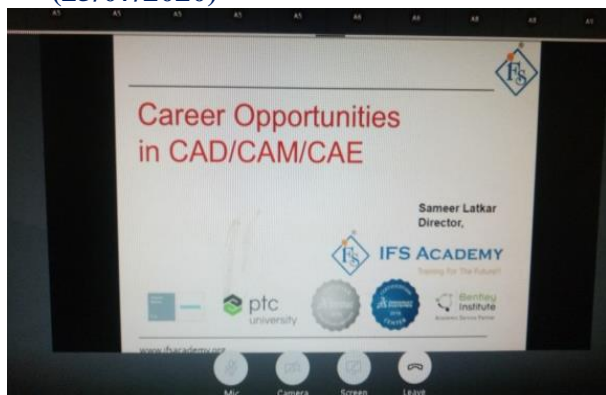
### ▪ "HVAC - Heating, Ventilation and Air Conditioning, Basics, Latest trends and Career Opportunities" by Mr. Ravindra Rajole (08/08/2020)



A webinar on "HVAC - Heating, Ventilation and Air Conditioning, Basics, Latest trends and Career Opportunities" was organized by the Department of Mechanical Engineering on 8<sup>th</sup> August 2020. Mr. Mahesh Shinde and Mr. Ravindra Rajole (Blue Star Ltd. Pune) were the invited as resource person for this webinar. In this webinar, they explained the details of Refrigeration and Air conditioning basics as well as the career opportunities in this emerging field of HVAC industry.

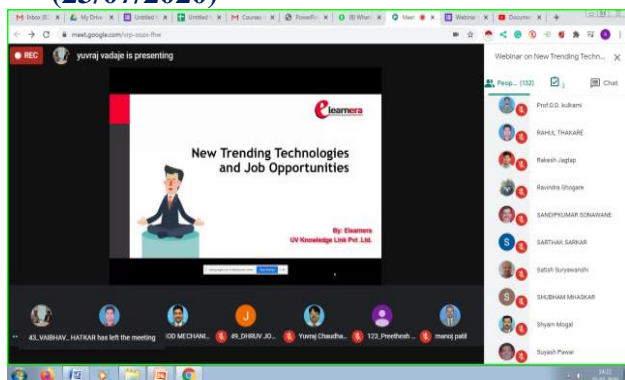


- **“Career opportunities in CAD/CAM/CAE” by Mr. Sameer Latkar (25/07/2020)**



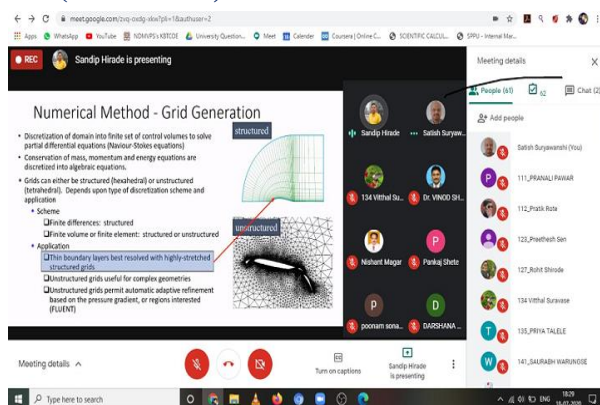
The Department of Mechanical Engineering organized a webinar on “Career opportunities in CAD/CAM/CAE” on 25<sup>th</sup> July 2020. Mr. Sameer Latkar (Technical Director, IFS Academy, Pune) was invited as resource person for this webinar. He guided the students on latest CAD/CAM/CAE software used the industries.

- **“New Trending Technologies and Job opportunities” by Mr. Yuvraj Vadaje (23/07/2020)**



A webinar on “New Trending Technologies and Job opportunities” was organized by Department of Mechanical Engineering on 23<sup>rd</sup> July 2020. Mr. Yuvraj Vadaje, (CEO, UV Knowledge link Pvt. Ltd., Nashik) was invited as resource person. He guided the student about area of opportunities for Mechanical Engineers, new trending technologies like Machine learning, AI.

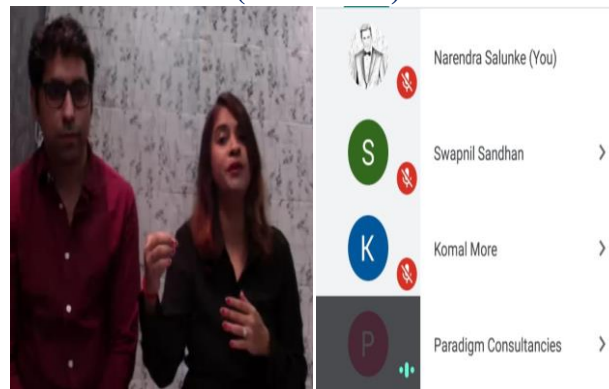
- **“Introduction to CFD (Computational Fluid Dynamics)” by Mr. Sandip Hirade (18/07/2020)**



A webinar on “Introduction to CFD (Computational Fluid Dynamics)” was organized by the Department of Mechanical Engineering on 18<sup>th</sup> July 2020 by Mr. Sandip Hirade was invited as resource person for this session. In this webinar, he elaborated on the different aspects of CFD used in industry.

## Department of MBA

- **"An Ideal Job Interview" by Mrs. Sonam Shah (12/08/2020)**



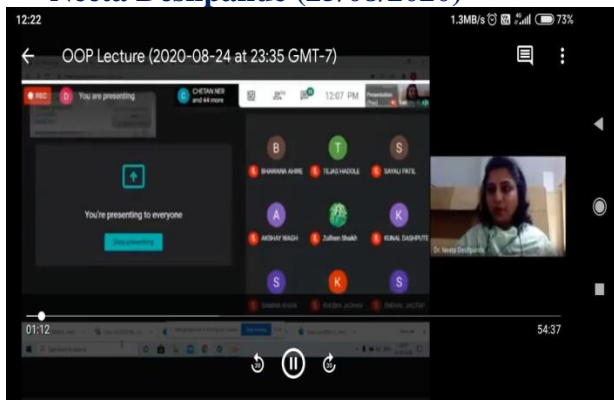
Mrs. Sonam Shah (Paradigm Consultancies) conducted a Webinar for MBA SY students on "An Ideal Job Interview" on 12<sup>th</sup> August 2020.



### 3. Expert Talk/Lectures

#### Department of Information Technology

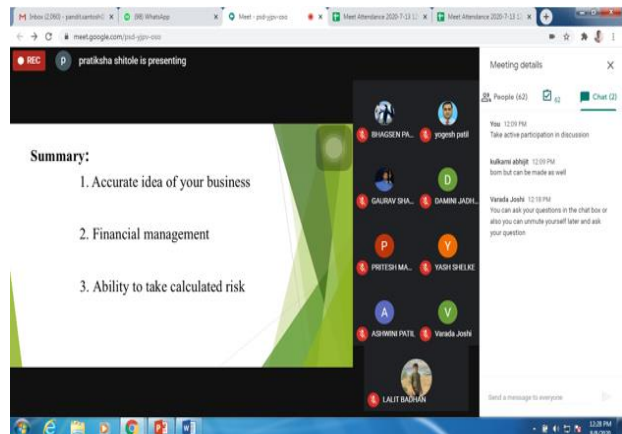
- “Competitive Coding in OOP” by Dr. Neeta Deshpande (25/08/2020)



Dr. Neeta Deshpande (Associate Professor, RHSCORC, Nashik) delivered an expert talk on “Competitive Coding in OOP” on 25<sup>th</sup> August, 2020 for SE-IT students. She focused on various competitive coding websites and fundamental OOP concepts for application.

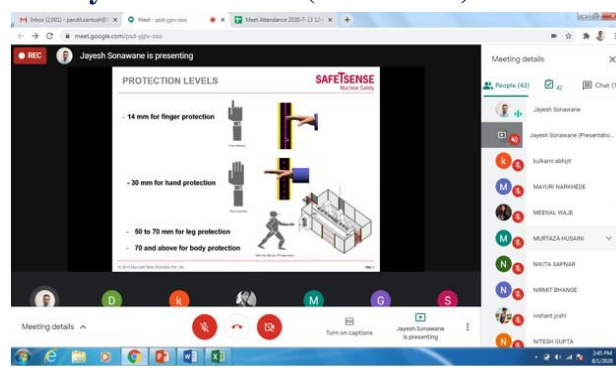
#### Department of Instrumentation and Control Engineering

- “Entrepreneurship Development” by Ms. Pratiksha Shitole (08/08/2020)



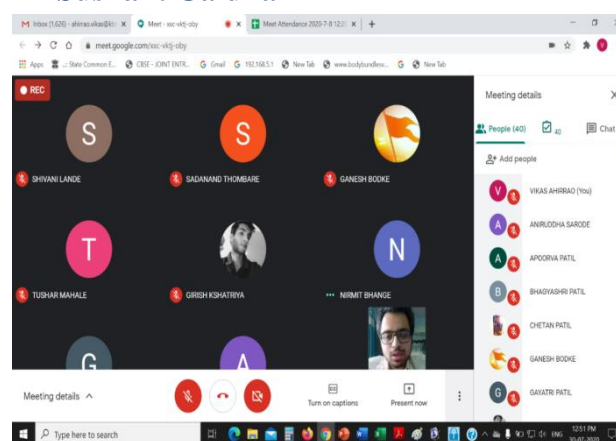
The Department of Instrumentation and Control Engineering organized an expert talk on “Entrepreneurship Development” on 8<sup>th</sup> August 2020. Ms. Pratiksha Shitole was invited as resource person for this session. She guided the students on entrepreneurship and start up.

- “Introduction to Machine Safety” by Mr. Jayesh Sonawane (01/08/2020)



The Department of Instrumentation and Control Engineering organized an expert talk on “Introduction to Machine Safety” on 1<sup>st</sup> August 2020. Mr. Jayesh Sonawane was invited as resource person for this session. He guided the students on concept and the importance of Machine Safety in Industries.

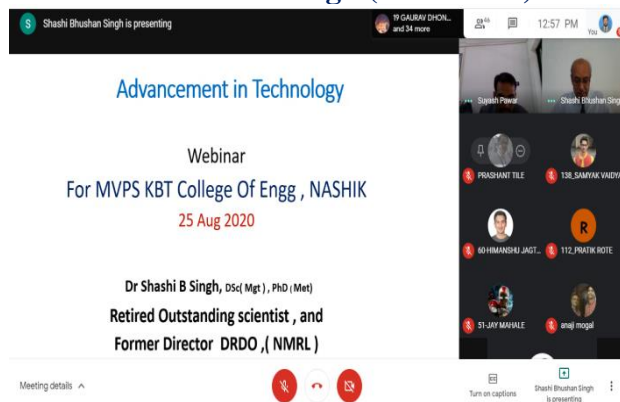
- “Placements and Higher Studies” by Mr. Sushant Gaidhani



The Department of Instrumentation and Control Engineering organized an expert talk on “Placements and Higher Studies” on 30<sup>th</sup> July 2020. Mr. Sushant Gaidhani (Alumni, 2016-17 Batch) was invited as resource person for this session. He guided the students on career opportunities after the completion of graduation from Instrumentation and Control engineering.

## Department of Mechanical Engineering

- "Advancement in Technology" by Dr. Shashi Bhushan Singh (29/08/2020)



Mechanical Engineering Student Association (MESA) of Department of Mechanical Engineering organized a webinar on "Advancement in Technology" on Saturday, 29<sup>th</sup> August 2020 through "Google Meet" platform. The resource person for the webinar was Dr. Shashi Bhushan Singh (Ex- Director, DRDO). He gave broader views on Advanced technologies and how the various technologies are evolving in current scenario.

## 5. Technical Activities

### Department of Instrumentation and Control Engineering

- "Pulse Oximeter" by Mr. Yash Shelke (10/08/2020)



Mr. Yash Shelke (BE- ICE student) developed a "Pulse Oximeter" instrument to be useful in the COVID-19 situation on 10<sup>th</sup> August 2020. The Pulse Oximetry is a test used to measure the oxygen level i.e. oxygen saturation of the blood.

- "Auto Hand Sanitizer Machine" by Mr. Yash Shelke (10/08/2020)



Mr. Yash Shelke (BE- ICE student) developed Auto Hand sanitizer Machine useful in COVID-19 pandemic situation on 10<sup>th</sup> August 2020. He designed an Auto Hand Sanitizer Machine which is an ideal sanitizing solution for factories, offices, hospitals, malls, railways, shops, and domestic use as well.

- 3D Printer Demonstration by Mr. Ansari Parvej (10/08/2020)



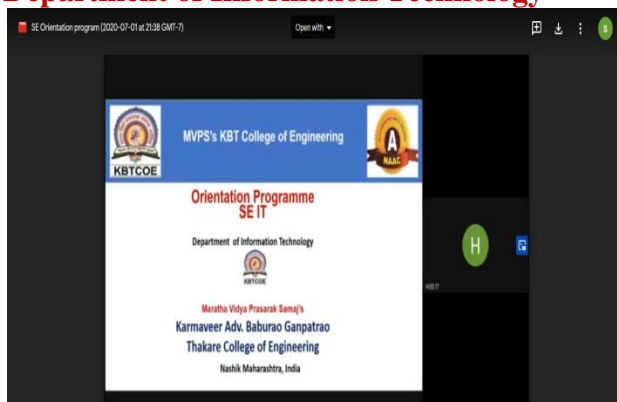
Mr. Ansari Parvej (Engineer, Raspi Invents Pvt., Ltd., Nashik) gave a practical demonstration of 3D Printer to all staff of Instrumentation & Control Engineering department on 10<sup>th</sup> August 2020.





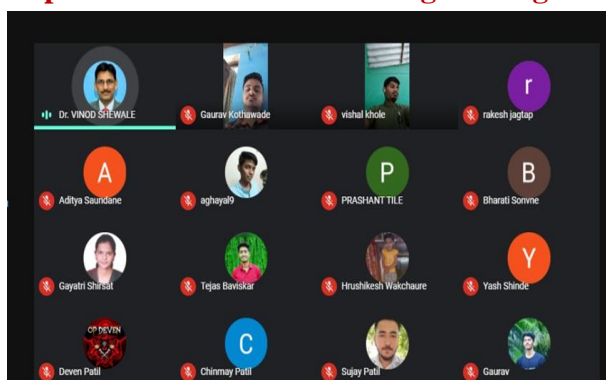
## 5. Orientation Program

### Department of Information Technology



The Department of Information Technology organized an orientation program for SE, TE and BE students on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> July 2020. The program was conducted through Google meet platform. The staff members of the department guided the students on commencement of online classes, guidelines about online teaching and learning, online certification, Mentoring, Internship and Training & Placement.

### Department of Mechanical Engineering



Orientation Programs was organized in the Department of Mechanical Engineering for SE, TE and BE students and their parents on 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> July 2020. In this program, Dr. V. C. Shewale (HoD) and other staff members of the department guided the students on various issues such as academic policies, trainings & placements, research activities etc.

## 6. Social Activities

- Tree Plantation on the occasion of Independence Day (15/08/2020)



The Institute has carried out social activity of Tree Plantation on the occasion of Independence Day on 15<sup>th</sup> August 2020. Prof. N. B. Desale (Vice principal) and other staff members of the institute participated in this activity

### Department of Instrumentation and Control Engineering

- Donation for Books by Mr. Harsh Shah (27/08/2020)



Mr. Harsh Shah, (Alumni 2018-2019 Batch) of Instrumentation and Control Engineering donated an amount of Rs. 5210/- (Five Thousand Two Hundred & Ten only) on 27<sup>th</sup> August 2020. This amount will be utilized for purchasing the Books for the department library.



## ▪ Students' help in Lockdown (August 2020)



The books from the institute library are delivered to the needy students of the Instrumentation & Control Engineering department with the pupose to help them study in the current lockdown situation. The staff members from ICE department carried out this activity in the month of August 2020.

## ▪ Independence Day Celebration (15/08/2020)



The Institute has celebrated the Independence Day in the graceful presence of Dr. Sunilji Dhikale (Hon. Chitnis, MVP Samaj, Nashik), Shri. Shivajirao Gawale (LMC Memeber), Shri. Shankarrao Rayate (LMC Memeber), Prof. N. B. Desale (Vice Principal) and Staff Memebers of the Institute.

## 7. Other Activities

### ▪ Samaj Din Celebration (19/08/2020)



The Institute has celebrated the "Samaj Din" of MVP Samaj on 19<sup>th</sup> August 2020. Smt. Nilimatai Pawar (Hon. Sarchitnis, MVP Samaj) guided the audience on this occasion. Er. Ashokrao Boraste (LMC Member), Dr. N. S. Patil (Principal), Prof. N. B. Desale (Vice Principal) and staff members of the institute were present on this occasion.

कर्मवीर अॅड. बाबुराव गणपतराव ठाकरे  
 अभियांत्रिकी महाविद्यालयातर्फे स्वातंत्र्य दिन व  
 समाज दिनाच्या हार्दिक शुभेच्छा !

शुभेच्छुक

प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

**Stay Home, Stay Safe and Keep Learning.**

**Principal**