



Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare

COLLEGE OF ENGINEERING

NAAC 'A' Accredited

Udoji Maratha Boarding Campus, Near Pumping Station,

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KBT COE NEWS LETTER

MVPS's K. B. T. College of Engineering, Nashik has been serving the society at large 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

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 & Control Engineering

Student Placement (January-2021)

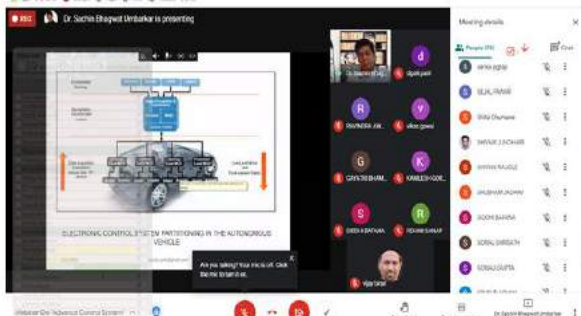


(From Top - Left) Ms. Damini Jadhav, Mr. Shirish More, Mr. Pranav Ahire, Ms. Aishwarya Rao, Mr. Yash Shelke, Mr. Vishal Patra & Mr. Rushikesh Bhagwat (All BE-ICE Students) are placed in Techlogo Automation Pvt. Ltd., Pune and Mr. Shubham Gade (BE-ICE) is placed in CEAT India Ltd., Nashik through Campus Placement activity in the month of January 2021.

2. Workshops/Seminars/STTPs/FDPs

Department of Electronics and Telecommunication Engineering

Webinar on “Advanced Control System” (13/02/2021)



Department of Electronics & Telecommunication Engineering organized a webinar on “Advanced Control System” on 13th February 2021 for SE & TE – E&TC students. Dr. Sachin Umberkar (Senior Member of IEEE, Member of SAE International Scientific Community AMERE-USA) was invited as a resource person for this session.

“Opportunities and Prospects in Aerospace Technology for an Electronics and Telecommunication Engineers” by Ms. Apurva Jakhadi (10/02/2021)



Institute Of Electronics & Telecommunication Engineering (ISF)

Department of Electronics & Telecommunication Engineering organized a webinar on “Opportunities and Prospects in Aerospace Technology for an Electronics and Telecommunication Engineers” on 10th February 2021 for SE, TE & BE – E&TC students. Ms. Apurva Jakhadi (Nasa Honeywell Space Educator, Member - UN space generation advisory council, Austria) was invited the resource person for this webinar.

Webinar on "National Youth Day: Swami Vivekananda Jayanti" (12/01/2021)



Department of Electronics & Telecommunication Engineering organized a webinar on "National Youth Day: Swami Vivekananda Jayanti" on 12th January 2021 for the students of the department. Shree Vishwas M. Deokar, Director (Vivekananda Kendra - Devgiri Vibhag, Kanyakumari) was invited as resource person for this session.



Department of Instrumentation & Control Engineering

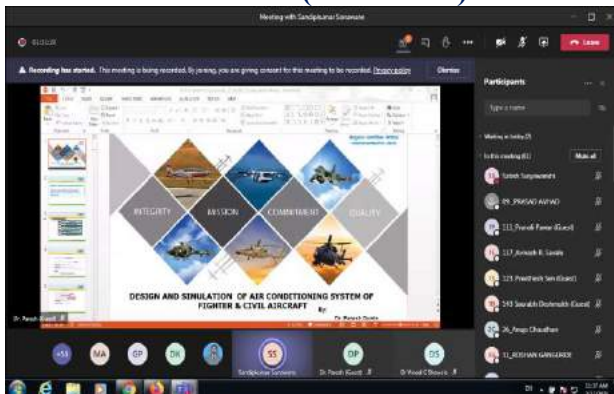
- Workshop on “Building Capability in Academia for Industry Engagement” (29th – 30th January 2021)



Dr. A. R. Kulkarni (Staff Member-ICE) attended a 02-Day’s workshop on “Building Capability in Academia for Industry Engagement” during 29th -30th January 2021. This workshop was organized by Principal Scientific Adviser (Government of India), IIT Madras and Deloitte.

Department of Mechanical Engineering

- State level workshop on “Emerging trends in HVAC” (12/02/2021)

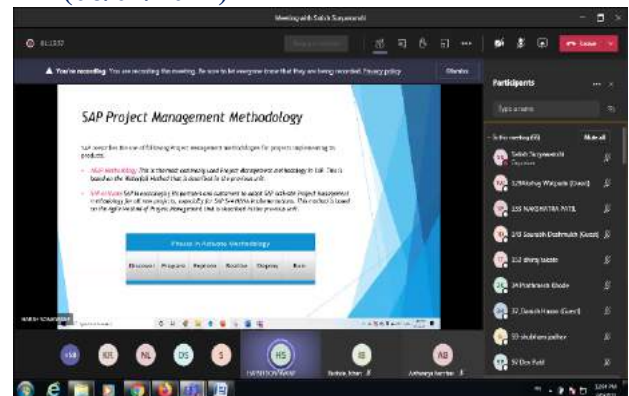


A 02 – day’s online State Level workshop on “Emerging trends in HVAC” was organized by the Department of Mechanical Engineering during 12th – 13th February 2021. On the first day, Mr. Subodh Murkewar, (President ISHRAE Nashik Chapter) guided the audience on importance of HVAC Technology, Mr. Vilas Ashtekar (President Elect. ISHRAE Nashik Chapter) guided the audience on application of HVAC Technology. Dr. S. R. Devane (Principal), Prof. N. B. Desale (Vice-

Principal) & Dr. V. C. Shewale (HoD-Mech.) expressed their views on HVAC Technology during the inaugural session. Dr. Paresh Gupta (Chief Manager, HAL, Nashik) delivered a session on “Design and simulation of air conditioning system of fighter aircrafts”.

On second day, Er. Suresh Didmishe (Director, Blue Planet Pvt. Ltd.) during his session explained the basic working of piping design system in HVAC and different terminologies used in piping system. In an another session on “Working principle and future scope of Heat pump”, Mr. Ashfaqe Kagdi (Secretary, ISHRAE Nashik Chapter) explained various terms involved in Heat pump & their applications.

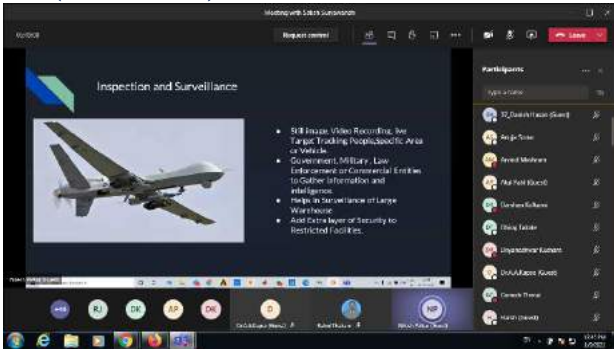
- Webinar on “Career Opportunities in SAP for Mechanical Engineers” (06/02/2021)



A Webinar on “Career Opportunities in SAP for Mechanical Engineers” was organized in the Department of Mechanical Engineering on 6th February 2021. Mr. Ishan Burkule (SAP Consultant, Capgemini Ltd. & Alumna of 2018 batch) and Mr. Prashant Sonawane (SAP Consultant, TCS Ltd. & Alumna of 2019 batch) were invited as resource persons for this webinar.



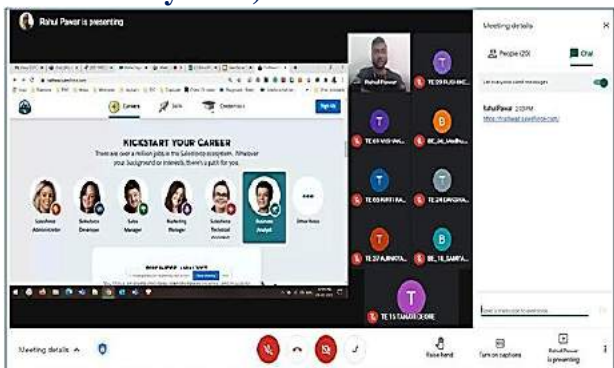
- Webinar on “Drone Technology & Current Trends in Drone Industry” (09/01/2021)



A webinar on “Drone Technology & Current Trends in Drone Industry” was organized in the Department of Mechanical Engineering on 9th January 2021. Mr. Nilesh Palkar (Junior Scientist, Passenger Drone Research Pvt. Ltd., Nashik and Alumna of 2018 batch) was invited as an expert for this webinar.

Department of Computer Engineering

- FDP on “Microprocessor and Microprocessor Laboratory” (1st – 2nd February 2021)



A 02-Day's online FDP on “Microprocessor and Microprocessor Laboratory” for SE-Computer Revised Syllabus (2019 Course) Sem-II) was organized by Department of Computer Engineering in association with BOS (Computer Engineering), SPPU during 1st – 2nd February 2021. Prof. Dr. Nilesh Sable (JSPM's Imperial College of Engineering and Research, Wagholi, Pune), Prof. Mahendra Salunke (Pimpri Chinchwad College of Engineering and Research, Ravet), Prof. Swati Joshi (Sinhgad College of Engineering, Pune) and Prof. Malan Sale (Sinhgad College of Engineering, Pune) were invited as resource persons for this FDP.

Webinars/Workshops/STTPs/ FDPs (Attended/Organized by Staff Members & Department) (Jan – Feb 2021)

Sr. No.	Name of Staff	Webinars/ FDPs/Quiz / Panel Discussion etc Organized and/or Attended	Important Topics covered
Department of Instrumentation & Control Engineering			
1	Dr. A. R. Kulkarni	1- Expert Session	Robotics and Artificial Intelligence
2	Dr. A. K. Patil	1-FDP	NBA Accreditation & Teaching – Learning in Engineering
3	Mr. V. A. Ahirrao	2-FDPs	NBA Accreditation & Teaching – Learning in Engineering, Developing Soft Skills & Personality
4	Mr. S. R. Pandit	1-FDP	Drone Technology & Current trends in Drone Industry
5	Mr. S. B. Lukare	1-Online Course	Control Systems
Department of Civil Engineering			
1	Dr. Ajay Shelorkar	1- Orientation/ Refresher Program 1- STTP	Improving Excellence in Teaching, Sustainable Materials & Resilient Buildings and Philosophy, Design, Implementation, Performance
Department of Computer Engineering			
1	Dr. V. S. Pawar	1-FDP	Microprocessor and Microprocessor Laboratory
2	Mr. B. S. Tarle	1-FDP	Examination Reforms

3	Dr. V. S. Tidake	2-FDPs 1-Webinar	Microprocessor and Microprocessor Laboratory, Examination Reforms, Balika Diwas: Women Empowerment
4	Mr. P. P. Shinde	2-FDP	Microprocessor and Microprocessor Laboratory, NBA Accreditation & Teaching – Learning in Engineering
5	Ms. R. R. Shevale	1-FDP	Microprocessor and Microprocessor Laboratory
6	Ms. R. P. Chandwadkar	1-FDP	NBA Accreditation and Teaching Learning in Engineering
7	Mr. B. S. Gholap	4-FDP	Technology Enabled Learning & Life-Long Self Learning, Problem based learning : Real time case studies and industry practices, Software Engineering, NBA Accreditation and Teaching Learning in Engineering
8	Ms. D. L. Tidke	1-FDP	NBA Accreditation and Teaching Learning in Engineering

3. Industrial Visit

Department of Instrumentation & Control Engineering

- “Akshaya Udyog Pvt. Ltd., Nashik” (10/02/2021)



The staff members from Department of Instrumentation & Control Engineering Dr. A. R. Kulkarni & Mr. S. R. Pandit visited Akshaya Udyog Pvt. Ltd., Nashik on 10th February 2021. They interacted with Mr. Ashwin Shejwalkar (Director, Akshaya Udyog), Nashik regarding Industrial Exposure on Renewable energy systems and its utility to the students.

- “Nexus Control Pvt. Ltd.”, Ambad, Nashik (10/02/2021)



The staff members from Department of Instrumentation & Control Engineering Dr. A. R. Kulkarni & Mr. S. R. Pandit visited Nexus Control Pvt. Ltd., Ambad, Nashik on 10th February 2021. They interacted with Mr. Piyush Patil (Nexus Control) regarding their ongoing projects.



Department of Mechanical Engineering

▪ “DRDO & HAL Ltd., Nashik Division” Nashik (25/02/2021)

The staff members from Department of Mechanical Engineering, Dr. S. B. Sonawane, Dr. S. P. Mogal, Dr. A. A. Kapse, Dr. Swapnil Awate and Prof. S. J. Suryawanshi visited DRDO & HAL Ltd., Nashik division on 25th February 2021. They had a discussion with Mr. Atul Bakare (Scientist–G, Regional Centre for Military Airworthiness), Mr. Sharad Barve (AGM) & Mr. Uttam Salawade (Officiating GM of HAL). They had discussion on implant training for TE-Mechanical students, Faculty Training, Research Projects for faculty members & ME students.

Department of Electronics and Telecommunication Engineering

▪ “Embedded System: Industry future Trends and Skill Requirements” by Ms. Priyanka Ahire (06/02/2021)

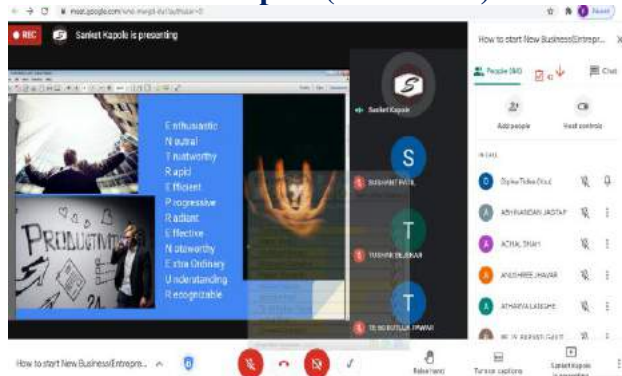


The Department of Electronics & Telecommunication Engineering in association with PAES & ISTE Student Chapter organized an expert talk on “Embedded System: Industry future Trends and Skill Requirements” on 6th February 2021. Ms. Priyanka Ahire (Alumna 2008 Batch & Functional Safety and Cyber Security Lead, Jaguar Land Rover, UK) was invited as resource person for this session.

4. Expert Talk/Lectures

Department of Information Technology

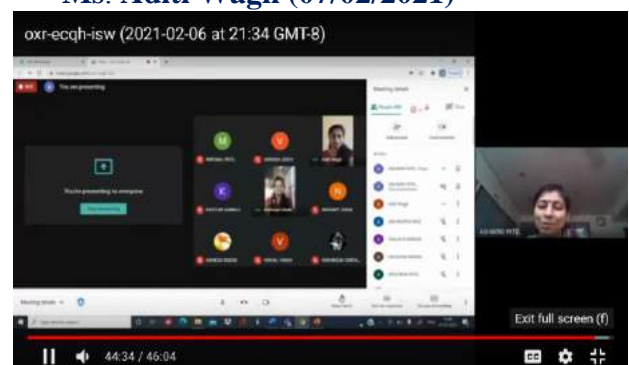
▪ “Entrepreneurship Development” by Mr. Sanket Kapole (12/02/2021)



Department of Information Technology & Computer Engineering in association with IEEE Student Branch organized expert talk on “Entrepreneurship Development” on 12th February 2021 for Final Year IT & Computer Engineering students. Mr. Sanket Kapole (Founder-Director, Sankalpssoft Private Limited, Nashik.) was invited as a resource person for this expert talk.

Department of Instrumentation & Control Engineering

▪ “How to crack Aptitude test and Interviews” by Ms. Madhuri Uphade and Ms. Aditi Wagh (07/02/2021)



The Department of Instrumentation & Control Engineering organized an expert talk for the students of the department on 7th February 2021. Ms. Madhuri Uphade and Ms. Aditi Wagh guided the students on “How to crack Aptitude test and Interviews”.

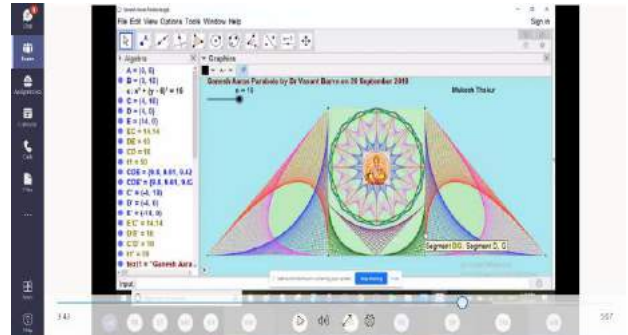


- “ADAS (Automated Driver Assistance System) system & Role of Robots in Automobile sector” by Mr. Shreerang Deodhar (07/01/2021)



The Department of Instrumentation & Control Engineering organized an expert talk on 7th January 2021. Mr. Shreerang Deodhar (Senior Engineer, Test Data Analytics, John Deere India & Alumna 2010 Batch) guided the students on the main role of ADAS system (Automated Driver Assistance System) & role of robots in Automobile sector.

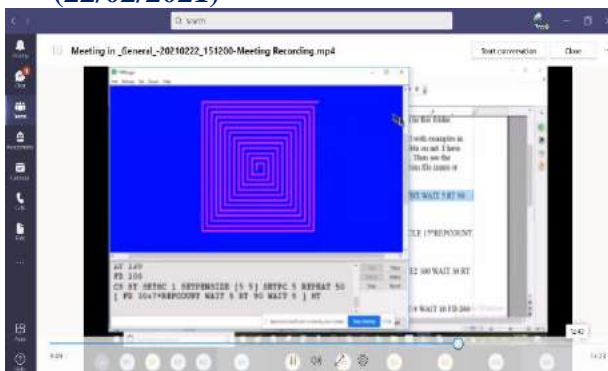
- “GEOGEBRA” by Dr. Vasant Barve (17/02/2021)



Department of Civil Engineering organized an expert session on 'GEOGEBRA' on 17th February 2021. Dr. Vasant D. Barve guided the students on use of GeoGebra software in solving complex engineering as well as mathematical problems.

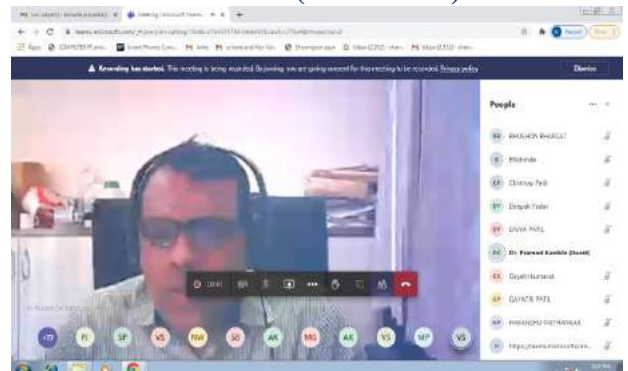
Department of Civil Engineering

- “LOGO Software” by Dr. Vasant Barve (22/02/2021)



Department of Civil Engineering organized an expert session on 'LOGO SOFTWARE' on 22nd February 2021. Dr. Vasant D. Barve guided the students on use of LOGO Software in programming.

- “Biodiversity and Conservation” by Dr. Pramod Kamble (03/02/2021)



Expert talk on “Biodiversity and Conservation” was organized by Department of Civil Engineering for the students of the institute on 3rd February 2021. Dr. Pramod Kamble (Assistant Professor, Department of Environmental Science, SPPU, Pune) was invited as a resource person for this session.

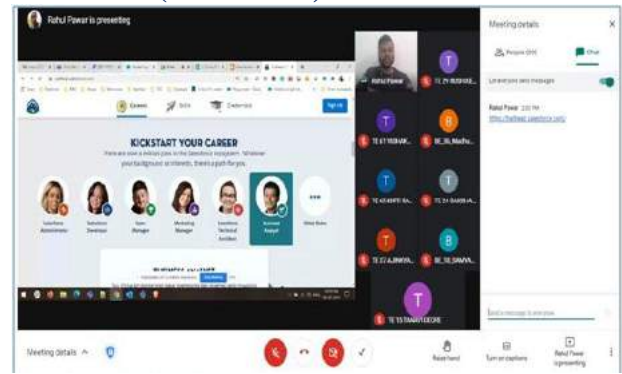


▪ **“Introduction to Environment Studies” by Dr. Pravin Nalawade (01/02/2021)**



Expert talk on “Introduction to Environment Studies” was organized by Department of Civil Engineering for the students of the institute. Dr. Pravin Mukund Nalawade (Assistant Professor and HOD, KRT Arts, BH Commerce and AM Science College, Nashik) guided the students on environmental awareness on 1st February 2021.

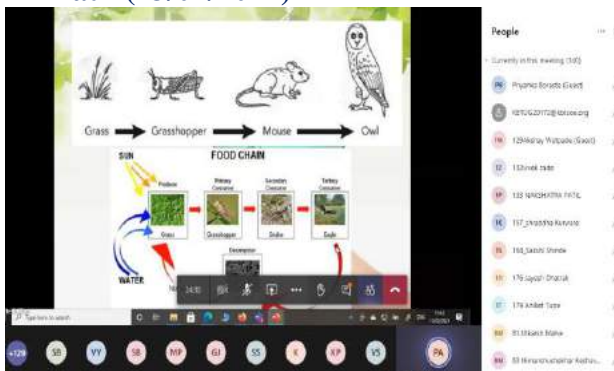
▪ **“Career Opportunities” by Mr. Rahul Pawar (06/02/2021)**



An alumni session on “Career Opportunities” was organized by Computer Engineering department for TE and BE students on 6th February 2021. Mr. Rahul Pawar (Entrepreneur cum Freelancer, Spark-e-gnite, Nashik) guided the students on Career Opportunities for Computer Engineering graduates.

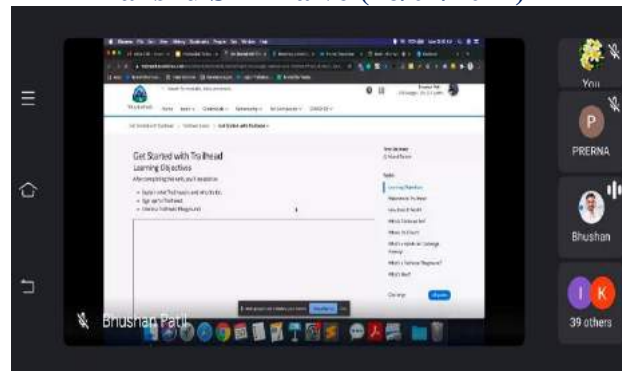
Department of Computer Engineering

▪ **“Ecology and Ecosystem” by Mr. Manoj Patil (13/02/2021)**



Expert talk on “Ecology and Ecosystem” was organized by MVPS’s AECC (Environmental Studies) coordinator for all the Second Year Engineering students on 13th February 2021. Mr. Manoj B. Patil (AECC Coordinator-KBTCOE), guided the students on ecology and its components.

▪ **“Career Opportunities” by Mr. Himanshu Shrimalve (16/01/2021)**



An alumni session on “Career Opportunities” was organized by Computer Engineering department for TE and BE students on 16th January 2021. Mr. Himanshu Shrimalve (Technical Assistant Manager, Reliance Jio, Navi Mumbai) guided the students on Career Opportunities for Computer Engineering graduates.



5. Technical Activities

Department of Information Technology

- “MVPS’s KBTCOE Hackathon 2021” (07/02/2021)



Department of Information Technology in association with ITSA Student Association organized a National Level MVPS’s KBTCOE “Hackathon 2021” competition on 6th February 2021. A total of 226 students from the colleges across the India participated this Programming contest. Following are the winners of the competition:

- 1st Winner: Mr. Vaibhav Gawai (Primpri Chinchwad College of Engineering, Pune)
- 2nd Winner: Ms. Akshada Jagtap (Sinhgad Institute of technology & Science, Narhe)
- 3rd Winner: Ms. Swati Zagade (MVPS’s KBT College of engineering, Nashik)

Department of Electronics and Telecommunication Engineering

- “PAESATHON-2021” (January 2021)



The Department of Electronics & Telecommunication Engineering in association with PAES organized a technical event “PAESATHON-2021” in the month of January 2021. Various competitions such as Powerpoint Presentation, Poster-Photography Presentation, Group Discussion, Quiz Competition, Article & News writing competitions were conducted during this event.

6. Student/Staff Achievements

Department Mechanical Engineering

- “Best Researcher Award” (February 2021)



VDGOOD Professional Association, Chennai has awarded Dr. S. B. Sonawane (Associate Professor & Dean-R&D) of Mechanical Engineering with ‘Best Research Award’ for his outstanding contribution in the field of research and innovation. Dr. S. R. Devane (Principal), Prof. N. B. Desale (Vice-Principal), Mrs. Srushti Shinde (Registrar), Dr. V. C. shewale (HoD-Mech) and all the staff members of the intitute congratulated Dr. S. B. Sonawane for his achievement.

7. Induction Program

Department of Engineering Science

The First Year Engineering students were given a warm welcome in the institute on 1st February 2021. The induction program was organized on an online platform by Department of Engineering Science during 1st February to 6th February 2021. Few of the glimpses of the program are as follows:



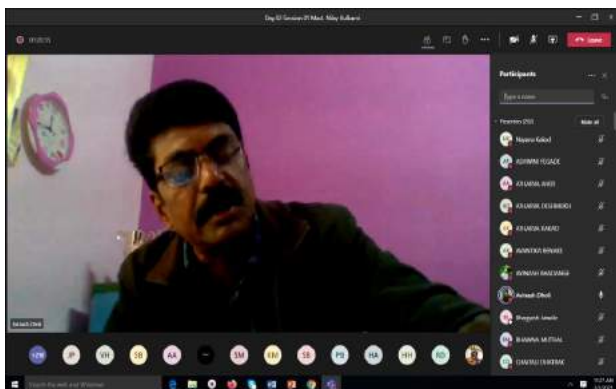
Dr. S. R. Devane (Principal), Prof. N. B. Desale (Vice-Principal) & Prof. J. J. Nerkar (HoD-Engg. Sci.) addressed the Parents’ Meet on Day-1.



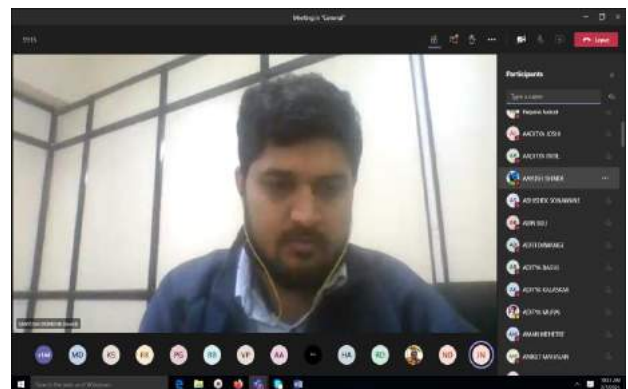
Mr. Nilay Kulkarni (Software Developer & Entrepreneur) guided the students on the topic “Innovation without boundaries”.



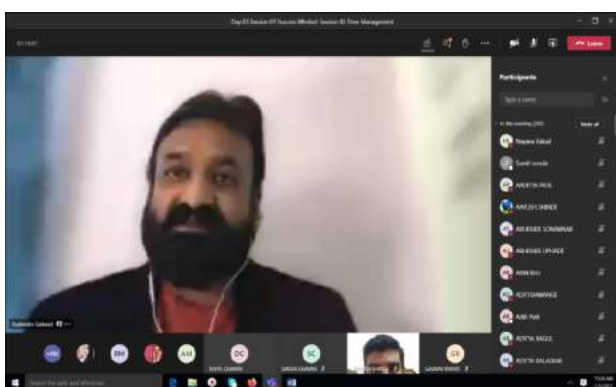
Shri. Krishna Dhan Das ji (Motivational Speaker, Author, Spiritual Speaker) guided the students on the topics of “Time Management” & “Personality Development”.



Mr. Avinash Dholi (Member, Vyasan Mukti Kendra) guided the students on the topic “De-addiction”



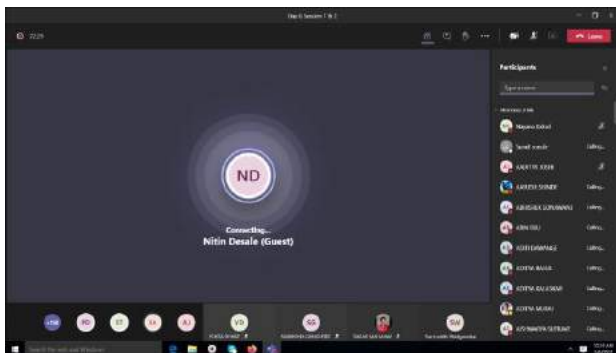
Mr. Santosh Munde (Nashik City Cyber Ambassador) guided the students on the topic of “Cyber Security”.



Dr. Shailendra Gaikwad (Psychologist) guided the students on the topic “Success Mindset”.



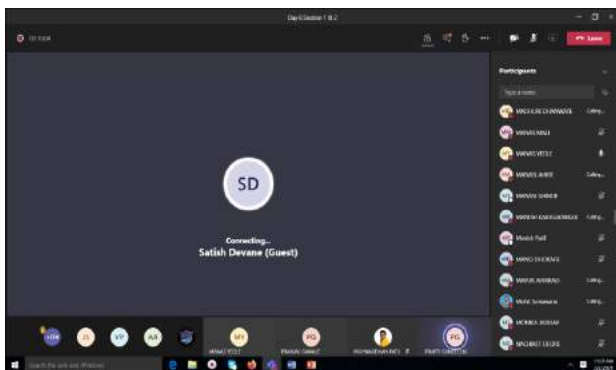
Dr. Anuradha Harkare (Founder- Mind Catalyst Study Counseling Centre, Pune) guided the students on the topic of “Mental health”



Prof. N. B. Desale (Vice-Principal) guided the students through his session “Ya Janmavar..” (Live Your Life).



Dr. Rupali Kulkarni (Training Head, SWS Financial Solutions Pvt. Ltd. Nashik) guided the students on Financial Literacy.



Dr. S. R. Devane (Principal) guided the students on various latest technologies through his session “Future World”.



Mr. Nikhil Deore (Alumna-MBA & Community Manager-DISQ, TCS) guided the students on the topic Innovation led Entrepreneurship.

Department of MBA

The First Year MBA students were given a warm welcome in the institute on 8th February 2021. The induction program was organized by the department during 9th February to 11th February 2021. Few of the glimpses of the program are as follows:



Dr. S. R. Devane (Principal) felicitated Shri. Shrikant Jadhav (President NIMA & Entrepreneur). He guided the students on the topic “Employability & MBA Graduates”



Mr. Saurabh Birari (Alumna-MBA & Founder-Smart Digital Solutions Pvt. Ltd.) guided the students on Digital Marketing: An emerging opportunity for MBA Graduates.

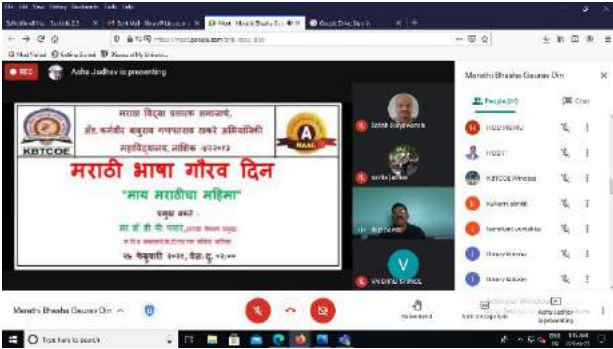


Mr. Gordon Noronha (Corporate Trainer) guided the students through his topic "Managerial Skills"

8. Other Activities

Department of Central Library

▪ "मराठी भाषा गौरव दिन" (२७/०२/२०२१)



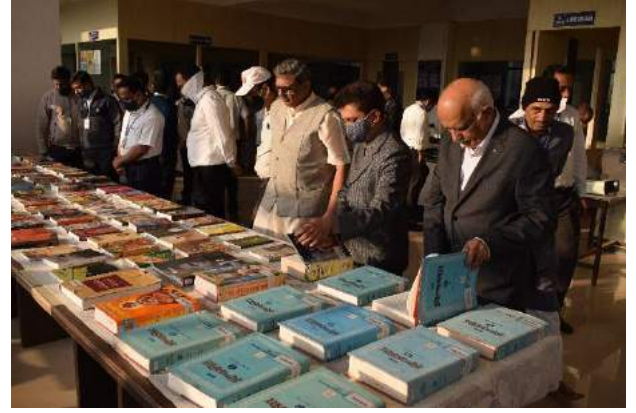
दि. २७ फेब्रुवारी २०२१ रोजी, महाविद्यालयात "मराठी भाषा गौरव दिन" मोठ्या उत्साहात साजरा करण्यात आला. मा. डॉ. डी. पी. पवार (मराठी भाषा विभाग प्रमुख, के. टी. एच. एम. महाविद्यालय, नाशिक) यांनी उपस्थित श्रोत्यांना मराठी भाषेच्या इतिहासाबद्दल व महत्वाबद्दल मार्गदर्शन केले.

▪ MBA Students' Library Orientation Program (17/02/2021)



The Central Library organized a Library Orientation Program for the students of MBA Department on 17th February 2021.

▪ "मराठी भाषा संवर्धन पंधरवाडा" (दि. १४ ते २७ फेब्रुवारी)



दि. १४ ते २७ फेब्रुवारी दरम्यान, महाविद्यालयातील मध्यवर्ती ग्रंथालयाने "मराठी भाषा संवर्धन पंधरवाडा" कार्यक्रमाचे आयोजन केलेले होते. या पंधरवड्यात ग्रंथालयात मराठी भाषेतील उत्कृष्ट पुस्तकांचे व स्वामी विवेकानंद यांच्या छायाचित्रांचे प्रदर्शन मांडण्यात आलेले होते. तसेच या पंधरवड्यात मध्यवर्ती ग्रंथालयाने श्रीमती भक्ती कोठावले यांचे "वाचन संस्कृती: काल, आज आणि उद्या" व प्रा. सतीश सूर्यवंशी यांचे "चैतन्याकडून - जडा मार्गे - पुन्हा चैतन्याकडे" हि व्याख्याने सुद्धा आयोजित करण्यात आली होती.

कर्मवीर अॅड. बाबुराव गणपतराव ठाकरे
 अभियांत्रिकी महाविद्यालयातर्फे छत्रपती शिवाजी
 महाराज जयंतीच्या हार्दिक शुभेच्छा!

शुभेच्छुक

प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

Principal