



MVP Samaj's KBT College of Engineering

DEPARTMENT OF INFORMATION TECHNOLOGY

DEPARTMENTAL NEWSLETTER

2020-2021





MARATHA VIDYA PRASARAK SAMAJ'S
KARMAVEER ADV. BABURAO GANPATRAO THAKARE
COLLEGE OF ENGINEERING



Permanently Affiliated to Savitribai Phule Pune University Vide Letter No: CA/1542
& Approved by AICTE New Delhi Vide Letter No: 740-89-32 (E) ET/98
AISHE Code - C-41622

www.kbtcoe.org

ABOUT THE DEPARTMENT

The Department of Information Technology is established in 2008-09. The Department has intake of 60 students. The Department of Information Technology was established with a vision to develop quality engineers to meet the current trends in the emerging world of IT. Department has well qualified faculty members to impart knowledge to the students about the latest technologies in IT field. Department has 9 laboratories which are well equipped with necessary software along with WI-FI connectivity. The Department is also intended to provide technical support for Website development of different educational Institutions under MVP Samaj. Different Student development centered programs are arranged in the Department.

DEPARTMENT VISION

To be the Centre for excellence in the development of IT solutions with specific approach of industry interface blended learning and project-based learning leading to the development of globally competent graduates and life-long learners.

DEPARTMENT MISSION

Committed to develop students as competent IT professionals for employment and self-employment by adapting to the innovative and interactive academic process to acquire domain specific technical knowledge, soft skills and social responsibilities

DEPARTMENT PROGRAM EDUCATIONAL OBJECTIVES

- Graduates will analyze, design and implement modern computing problems by applying their knowledge of mathematics, information technology, and emerging technologies.
- Graduates will possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Information Technology.
- Graduates will be aware of their professional, ethical, legal, and social responsibilities and contributions towards the betterment of society through active engagement with professional societies and other community activities.

MVPS's KBT COE Hackathon 2021



Department of Information Technology, MVPS's KBT College of Engineering organized a national level MVPS's KBT COE Hackathon 2021 competition on 6th February, 2021 in association with ITSA Student Association. It was a one-day event scheduled for the duration of 2 hrs from 10.30 am to 12.30 pm. Total 226 students from multiple colleges all over the India have registered for this contest. The format of the Hackathon was purely based on coding skills. The Hackathon involved solving two challenges (first with medium & second with hard difficulty level) in the prescribed time. The contestant was free to code in various languages like C, C++, Java etc. for the given problem statements. All the participants received the participation certificate. First three winners got prize of worth Rs. 500, Rs. 300, and Rs. 200 respectively along with Certificates. Winners of the Contest are:

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

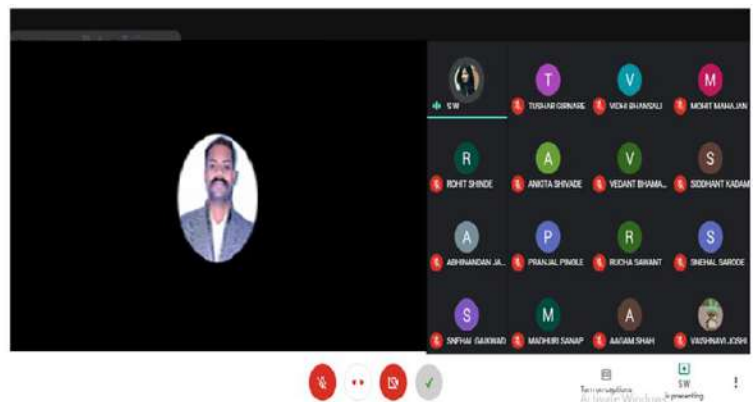
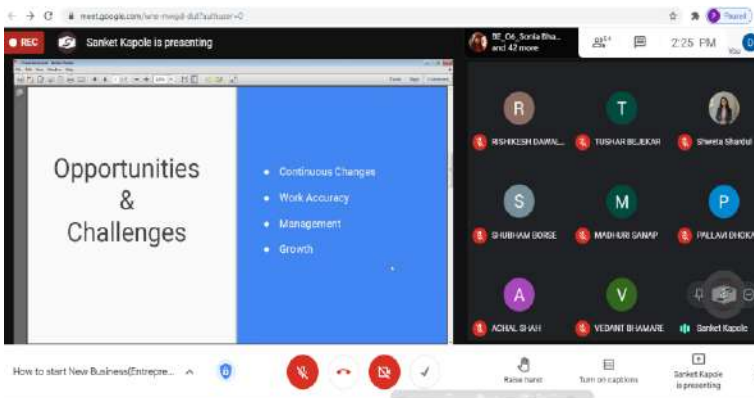
Expert Talk on “Enterpreurship Development”

Department of Information Technology in association with IEEE Student Branch organized expert talk on “Enterpreurship Development” on 12th February 2021 for Final Year IT students. Mr.Sanket Kapole (Sankalpsoft Private Limited, Founder/ Director, Nashik.) was invited as a resource person for this expert talk. Firstly; he gave brief introduction of himself. In the expert talk, he shared valuable knowledge regarding the topic, Enterpreurship Development, Government Schemes of Business startups. He delivered the knowledge on How to start Business, Risk Analysis in Business, How to improve Project Management Skills & Meaning of Enterpreurship word with real examples. BE IT students took the benefits of this expert talk. The Session was successfully organized under the valuable guidance of Dr. V. R. Sonawane, HOD IT, Vice principal, Prof. N. B. Desale, Principal Dr. S. R. Devane & Education Officer Dr. N. S. Patil.

Expert Talk on “Cyber security & IoT”

Department of Information Technology organized online expert talk on “Cyber security & IoT” on 20th February 2021 for SE, TE & BE IT students. Mr. Santosh Munde (Cyber Security Expert, Nashik) was invited as a resource person for this expert talk. Firstly; he gave brief introduction of himself. In the expert talk, he shared valuable knowledge regarding the topic, Need of Cyber Security; Cyber Security Certification & What is the need of Security in IoT. He also explained the Job opportunities for Cyber Security Expert. SE, TE & BE IT students took the benefits of this expert talk. The Session was successfully organized under the valuable guidance of Dr. V. R. Sonawane, HOD IT, Vice principal, Prof. N. B. Desale, Principal Dr. S. R. Devane & Education Officer Dr. N. S. Patil.

Online Parents-Teachers meet



Department of Information Technology organized Virtual Parents-teachers meet on 10th April 2021. The aim of the meeting was to clear the doubts of parents & students regarding End-semester examinations and Placement. The Meeting was conducted on Google meet platform. The meet was attended by 100 parents and teachers. For this meeting, Dr. S. R. Devane (Principal), Dr. V. R. Sonawane (HoD, IT), 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. R. Sonawane. He gave the brief introduction of the efforts taken by the department during the current semester. Dr. S. R. Devane guided the parents regarding the initiatives taken by the institute and Management during COVID-19 pandemic. Department IQAC coordinator Ms. R. R. Tajanpure explained the teaching-learning process of the department. She also talked about the certification courses, major and minor year projects. Afterward Institute Placement Officer Mr. Vineet Deore discussed regarding student placement and cleared all the doubts coming from the parents. Prof. B. N. Shinde solved queries regarding End-semester online mode of examination during COVID-19 pandemic. Lastly, Dr. V. R. Sonawane proposed the vote of thanks.

Online International conference 2020-21



Department of Information Technology, MVPS's KBT COE, Nashik organized 5th International conference on advances in computing and data sciences. Peer- reviewed conference organized with objective of bringing together researchers, developers and practitioners from academia and industry working in the area of advanced computing

and data sciences. All the selected and presented paper will be published by springer in communication in computer and information sciences series (CCIS). The conference was held on 23-24 April 2021 on an online platform. The guest of honor for the inauguration of conference were Dr. Vineet Kansal (Pro-vice chancellor, Dr. A. P. J. Abdul Kalam Technical University, U.P., Lucknow), Dr. Tuncer Ören (University of Ottawa Ontario, Canada), Dr. Bhatia, Komal Kumar (Professor at J.C. Bose University of Science and Technology, Faridabad), Dr. Aparna Pandey , Periodontist (Dubai), Guest of Honour & Chief patron of ICACDS-2021 were Hon. Sarchitnis Smt. Nilimatai Pawar Madam, Honorary Chair Dr. N. S. Patil sir, Education officer MVP SAMAJ, & Dr. S. R. Devane, Principal KBT COE, Nashik, General Chair Dr. Mayank Singh, and eminent scholars from all over the world were present for the conference. We have received total 781 research articles but after double-Blind Peer-review by three experts' only quality 100 articles were selected for the conference. Information technology department of KBT College of engineering were the organizers for this event. Dr. V. R. Sonawane was conference chair and Mr. S. P. Jadhav was the co-chair for this conference. This international conference becomes one the milestone in our engineering college which was one of the step towards learning recent trends and technology.

Expert Talk News for "SEO & SMO Social Media Marketing Tools"



Department of Information Technology, MVPS's KBT COE, Nashik organized Expert Talk on "SEO & SMO Social Media Marketing Tools" on 06/05/2021 at 12.10 PM. Mr.Sanket Kapole Notable Alumni of Information Technology Department (Sankalpsoft Solution, Nashik) was the speaker for this Expert Talk.

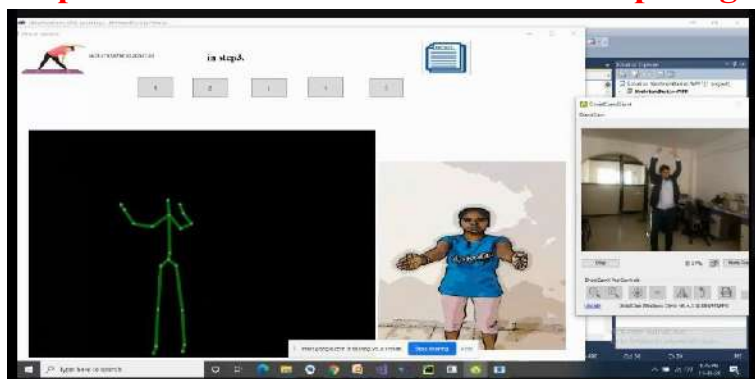
60+ participants from Information Technology Department attended this Expert Talk. Dr. V. R. Sonawane (HoD IT), Vice Principal Prof. N. B. Desale, Principal Dr. S. R. Devane & Education Officer Dr. N. S. Patil encouraged for conduction of the Expert Talk. The program was organized by Mr. D. A. Birari.

Online Faculty Development Programme (FDP) on "Research Skills Development"



Department of Information Technology, MVPS's K.B.T. College of Engineering, Nashik organized a 5 Days Online Faculty Development Programme (FDP) on "Research Skills Development" from 10-14th May, 2021. 307 participants from different states joined to this FDP. Eminent speakers Prof. Prathamesh Churi (Research Scholar, Symbiosis International University, Pune), Dr. P. N. Mahalle (Member-BOS Computer Engineering SPPU, Professor & Head, Computer Engineering Dept. SKNCOE, Pune), Dr. Hemanth Jude (Asso. Professor, Karunya University, Coimbatore), Dr. S. S. Sane (Vice Principal, Prof. & Head, Computer Engineering Dept., K. K. Wagh Institute of Engineering Education & Research, Nashik) guided the participants with different perspectives to complete the research effectively. The FDP was conducted using online Microsoft Team's platform. Participants will be given e-certificates based on their attendance. This FDP was conducted under the guidance of education officer Dr. N. S. Patil and Principal Dr. S. R. Devane and Vice Principal Prof. N. B. Desale. The FDP convener and HoD IT, Dr. V. R. Sonawane supported to conduct this FDP. The FDP was coordinated by Ms. Rupali Tajanpure. The IT department staff worked dedicatedly for successful conduction of this program.

Expert Talk on "Mobile Affective Computing"



Department of Information Technology organized expert talk on "Mobile Affective Computing" on 21st May 2021 for Final Year IT students. Mr. Prakash Ekhande (CEO, Emerging Technologies, and Nashik) was invited as a resource person for this expert talk. Firstly, he gave brief introduction of himself. In the expert talk, he demonstrated the different ubiquitous computing application like smart home, human affection and emotion sensing. BE IT students took the benefits of this expert talk.

Online Expert Talk session on "Art of Assembly Language Programming"



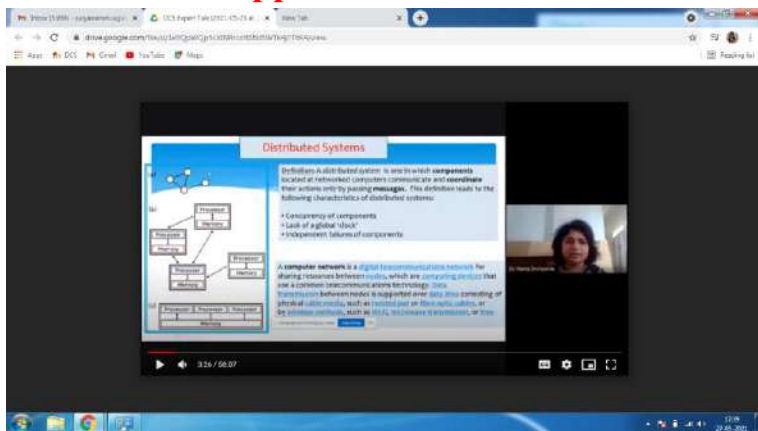
Ms. Jaya R. Surywanshi of Department of Information Technology delivered online expert talk on "Art of Assembly Language Programming" at G. H. Raisoni Polytechnic, Nagpur on 21st May 2021 for the Second Year and Third Year Students. In the expert talk, Prof. Jaya R. Surywanshi briefly explained 8086 Assembly Language basic concepts and how to write and execute the Assembly Language program. She has covered the 8086 architecture, addressing modes, instructions set of 8086 and programming model of 8086 with an examples. Total 57 students have attended the online expert talk session.

Expert Talk on “JAVA Programming”



Department of Information Technology organized online expert talk on “JAVA Programming” on 25th May 2021 for Third Year IT students. Mrs. Roshani K. Dharme (Head of Computer Engg. at G .H. Rasoni Institute of Engineering and Technology, Nagpur) was invited as a resource person for this online expert talk. Firstly, she gave brief introduction of herself. In the expert talk, she shared valuable knowledge regarding the topic and importance of JAVA Programming. She also explained the basic JAVA Programming Concepts and program execution with examples. She delivered the knowledge of Hadoop technologies and overview of JAVA programming related to Hadoop. TE IT students took the benefits of this expert talk. Total 46 students had attended this online session.

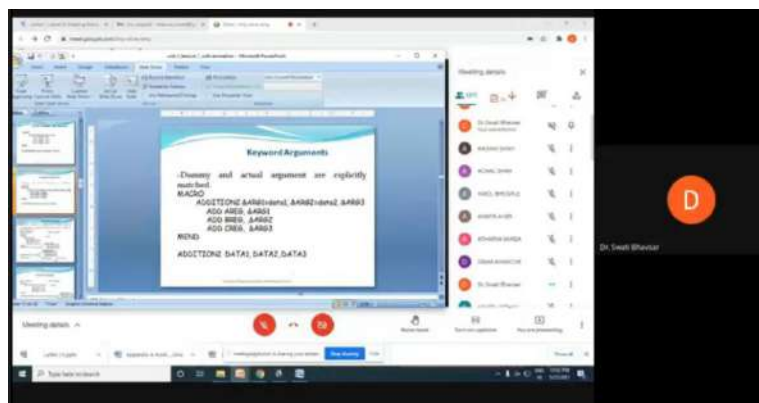
Expert Talk on “Time and Global states with Applications of DS”



Dr. Neeta Deshpande (Associate Professor, Gokhale Education Society, R. H. Sapat COE, Nashik) delivered expert talk on “Time and Global states with Applications of DS” on 26th May, 2021 for BE students. Madam explored concept of Time and Global States. She also

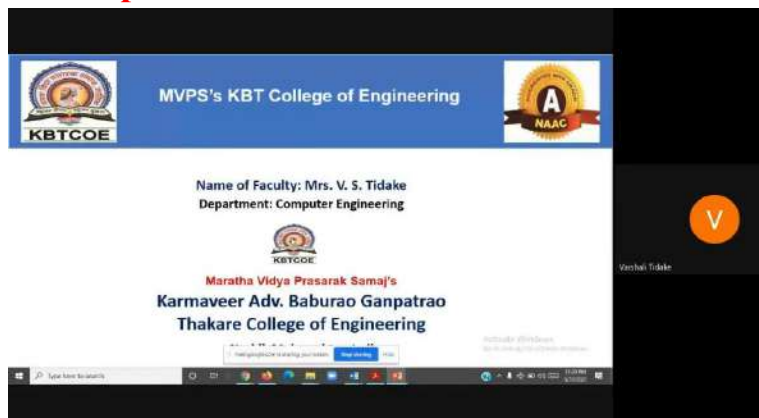
focused on Applications of Distributed Systems such as Google Distributed System, Facebook and Railway reservation system. Approximately 40 students from BE IT took benefits from this expert talk. Ms. S. J. Suryawanshi (IT Faculty) coordinated this program.

Expert Talk on “Design of Macro Processor and Cross Assembler”



Dr. Swati Bhavsar (Associate Professor, Matoshri COE, Nashik) delivered expert talk on “Design of Macro Processor and Cross Assembler” on 27th May, 2021 for TE students. Madam explored concept of Macro Processor. Approximately 40 students from BE IT took benefits from this expert talk. Ms. S. S. Bhamre (IT Faculty) coordinated this program.

Expert Talk on “Proof of Correctness”



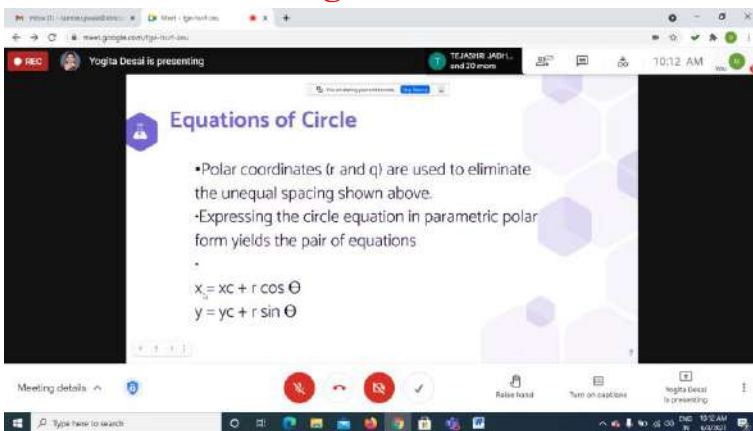
The department of Information Technology of MVP's KBTCOE had organized the Expert Talk on “Proof of Correctness” for TE students on 31st May 2021. The expert talk started at 12.10 p.m. The Resource person of this expert talk was Dr. Vaishali Tidke, Assistant Professor, Computer Engineering, MVPS's KBTCOE, Nashik. TE students of IT department were present for this expert talk. She shared valuable knowledge regarding topic and given examples based on same.

Expert Talk on “Location Computing”



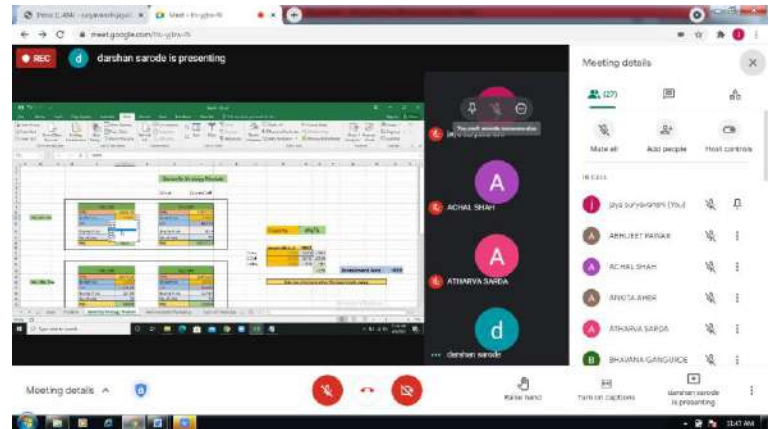
Department of Information Technology organized expert talk on “Location Computing” on 31st May 2021 for Final Year IT students. Mr. Yashodeep Gaikwad (CEO, Tectonics Technologies, Aurangabad) was invited as a resource person for this expert talk. Firstly, he gave brief introduction of himself. In the expert talk, he demonstrated the different location computing application like updating or tracking user/asset location on Google map and location based services and social networking. BE IT students took the benefits of this expert talk.

Expert Talk on “Mid-point circle drawing algorithm”



The department of Information Technology of MVPS’s KBT COE had organized the Expert Lecture on “Mid-point circle drawing algorithm” for SE students on 3rd June 2021. The expert talk started at 10.00 a.m. The Resource person of this expert talk was Ms. Yogita Desai (Assistant Professor, SNJB’s COE, Chandwad). Firstly, she gave brief introduction of herself. In the expert talk, she shared valuable knowledge regarding the topic and its use in real life. SE IT students took the benefits of this expert talk.

Webinar on “Analysis Data With Excel”



Department of Information Technology organized Webinar on “ANALYSIS DATA WITH EXCEL” on 6th JUNE 2021 for the Third Year students of IT department. Mr. Darshan Ravindra Sarode working as Technical Consultant at VELOCITY TECHNOLOGY SOLUTION, PUNE was invited as a resource person for this webinar. In the Webinar, he shared valuable knowledge about the EXCEL environment. He also explained the data analysis and data predication in EXCEL. TE IT students took the benefits of this Webinar. Total 30 students were attended the webinar.

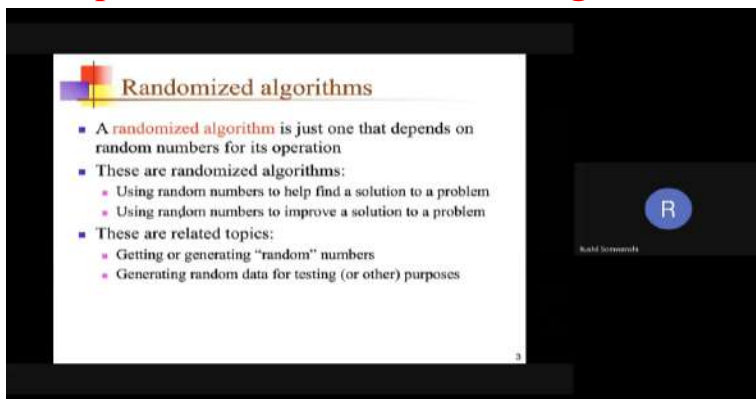
Expert Talk on “Software Testing Process in Industrial Environment”



The department of Information Technology of MVP’s KBT COE had organized the Expert Talk on “Software Testing Process in Industrial Environment” for SE students on 3rd July 2021. The expert talk started at 12.30 p.m. The Resource person of this expert talk was Mrs. Kanchan Shinde, Sr. Technical Service Specialist, IBM, Pune. SE students of IT department were present for this expert talk. She shared valuable knowledge regarding topic and shown demonstration of automation testing.

Mrs. Kanchan also explores carrier opportunities in Software Testing Field.

Expert Talk on “Randomized Algorithm”



The department of Information Technology of MVP’s KBTCOE had organized the Expert Talk on “Randomized Algorithm” for TE students on 10th July 2021. The expert talk started at 10.15 a.m. The Resource person of this expert talk was Mr. Rushil Somwanshi, Director, Bitglaze Technologie Pvt. Ltd. Nashik. TE students of IT department were present for this expert talk. He shared valuable knowledge regarding topic and given examples based on same. Mr. Rushil also motivated students for exploring their knowledge by offering Internship in his organization on the basis of students Interest.

Dr. V. R. Sonawane
HOD, IT