MVP Samaj's KBT College of Engineering

DEPARTMENT OF INFORMATION TECHNOLOGY

DEPARTMENTAL NEWSLETTER

2022-2023 SEM-II

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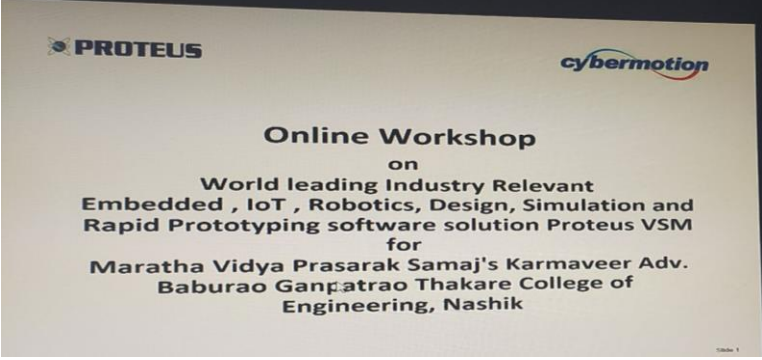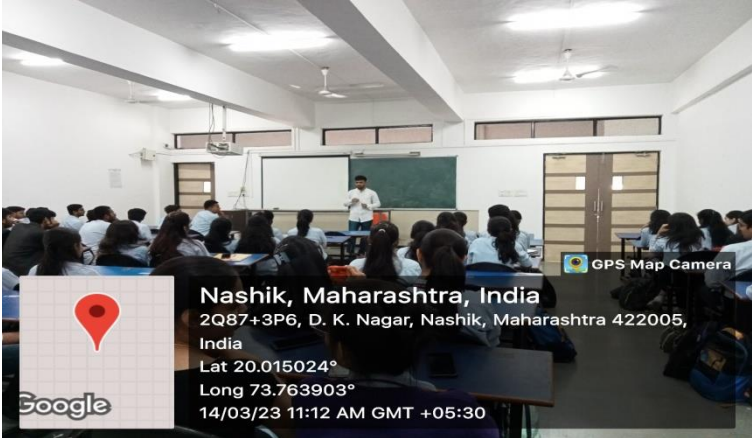
DEPARTMENT MISSION

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
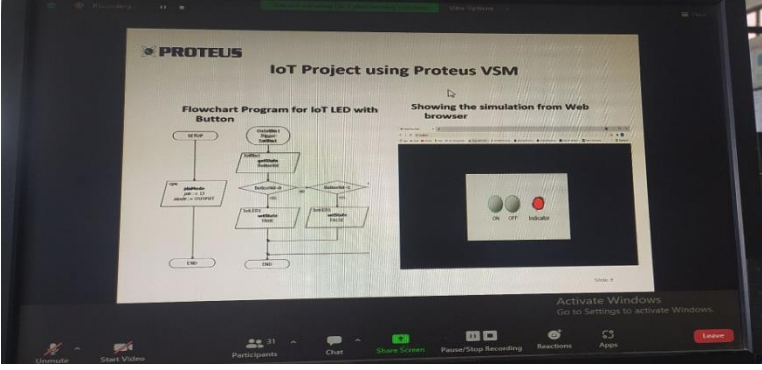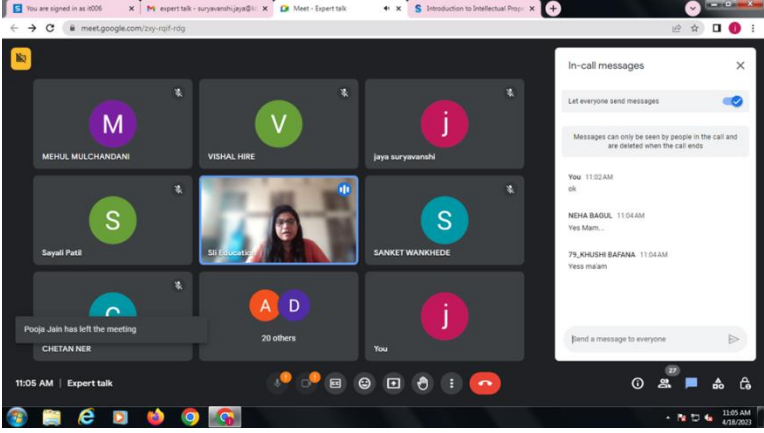
DEPARTMENT PROGRAM EDUCATIONAL OBJECTIVES

➢ 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.

One day workshop on RAPID PROTOTYPING SOFTWARE SOLUTION Proteus VSM

The MVPS's KBTCOE I.T department had organized the one day workshop on RAPID PROTOTYPING SOFTWARE SOLUTION Proteus VSM fo Third year Engineering Students on 12/04/2023. The expert talk started at 11 a.m. The Resource person of this workshop was Prudhvi,Cybermotion Technologies Pvt. Ltd. TE students of IT Department were present for this expert talk. Students were trained on Embedded , IoT and Robotics as well as help them in completing their the final year projects

Expert Talk on "Blockchain"

The MVPS's KBTCOE ISTE Student Chapter and IEEE SB had organized the Expert Talk on "Blockchain" for SE and TE students on 14/03/2023. The expert talk started at 10.30 a.m. The Resource person of this expert talk was Mr. Rahul Chavan, EX IEEE student member, Information Technology Department. SE, TE students of IT department were present for this expert talk. He shared valuable knowledge regarding topic and given examples based on same.

Expert Talk on "Opportunities of Higher Education in Foreign University"

Miss PrachiGaur ,**SLI Education Private Limited ,** Hyderabad guiding the students during the session.Online (https://meet.google.com/zxy-rqif-rdg)

Department of Information Technology organized expert talk on "**Opportunities of Higher** Education in Foreign University" on 18thApril 2023 for Final Year IT students.Miss Prachi Gaur(**SLI Education Private Limited ,**Hyderabad) was invited as a resource person for this expert talk. The things that she covered in her expert lecture are that how International student numbers are increasing across most study-abroad destinations. As more students search for opportunities to study abroad, it is only fair that they also look for some of the most affordable countries to study. It is important to remember that while many universities worldwide do not charge tuition fees, they can still charge smaller amounts, known as administrative fees. These fees help fund the services related to the administration and supervision of students. She guided to students about the country which is best for higher studies for Indian students.BE IT students took the benefits of this expert talk.

Industrial visit at Sahyadri farms, Nashik

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Mr. Dhiraj Birari and Students during the visit

Amar Thakare (CEO-MD at LUMIVERSE SOLUTIONS) Blogger, Innovator, Researcher, Security Analyst, Mentor, Cyber Invesgator

IoT is recent developing area in the field of Information Technology. IT department organized a field visit to Sahyadri Farms on 27th April, 2023. The primary objective of this industry is to provide the best of infrastructure and adequate production and processing facilities to the farmers who could not secure a good produce due to frugality of resource and operations. Ms. Richa Dhikle from Sahyadri Farms explained entire process execution in his presentation. Followed by presentation visit is organized for students in which they saw all machinery and actual working. The industry uses different IoT tools for checking quality of product as well for production process. This field visit was coordinated by Ms. B. A. Ahire. Ms. Preeti Pawar, Mr. D. A. Birari and Ms. V. P. Kadlag also visited Sahyadri Farms. All SE IT students took benefits of this field visit.
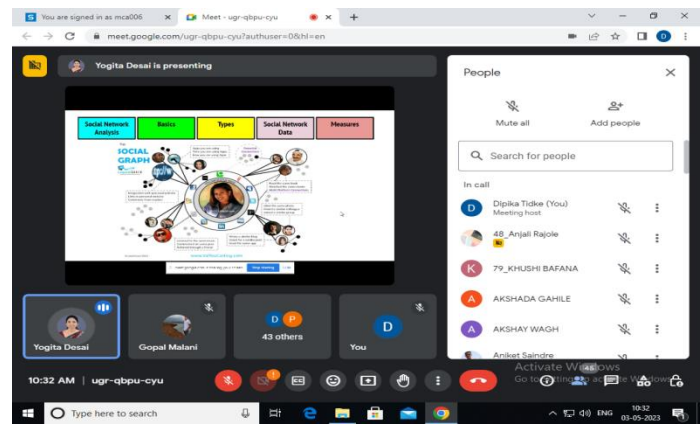
Expert Talk on "Ethical Hacking & Penetration Testing"

Department of Information Technology organized expert talk on "**Ethical Hacking & Penetration Testing** on 16/04/2023 for Third Year [IT] students. **Amar Thakare** 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, how **Ethical Hacking** actual done. He also explained the Job opportunities in Cyber Security. He delivered the knowledge on interface & design,Sir explained what is ethical hacking & how does it work. Sir also addressed what are the different types of Network Hacking, Website Hacking, Computer Hacking, Password Hacking. He briefly explored the most important Penetration Testing. Sir also provides some practical solutions to improve the security of currently available cyber tools. He discussed the Challenges to the Security. He explored the Solutions to the Security. TE IT students took the benefits of this expert talk.
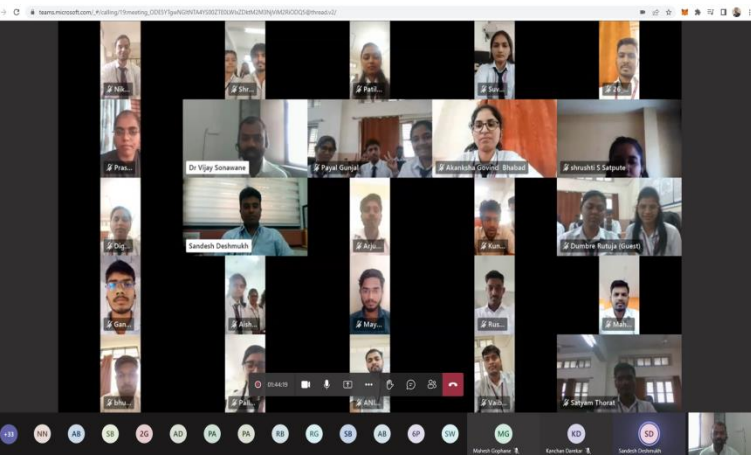

"Smart Contract and Its Applications in Blockchain Technology"

Dr.V.R. Sonawane, HOD IT delivered an online expert talk on "Smart Contract and Its Applications in Blockchain Technology" for final years students Department of Information Technology, AVCOE Sangamner on 17th April 2023. He shared valuable knowledge on Blockchain, smart contract, Solidity environment etc. Students took the benefits of this expert talk.

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Dr. V.R.Sonawane(HOD, IT, MVPS's K.B.T COE, Nashik) guiding the students during online session

Expert Talk on "Socket Programming in Java"

Miss AlpanaBorseAssistant Professor at PimpriChinchwad College of Engineering,Pune

Department of Information Technology organized expert talk on "Socket Programming in Java" on 4thMay2023 for Final Year IT students.Miss AlpanaBorse(Assistant Professor at PimpriChinchwad College of Engineering ,Pune) was invited as a resource person for this expert talk.Madam explained how to make one-way client and server communication. She also given details explanation on two-way client and server communication .She covered the contents of RMI (Remote Method Invocation) API and its programming with JAVA. Madam also explained Common Object Request Broker Architecture (CORBA)architecture and its implementation with JAVA programming in details.BE IT students took the benefits of this expert talk.

Expert Talk on "Social Network Analysis"

Department of Information Technology organized expert talk on "Social Network Analysis" on 3rdMay2023 for Final Year IT students.Mrs. Yogita Desaiwas invited as a resource person for this expert talk.Madam explained the concept of social network analysis. She also given details explanation Social network data and social network types.BE IT students took the benefits of this expert talk.

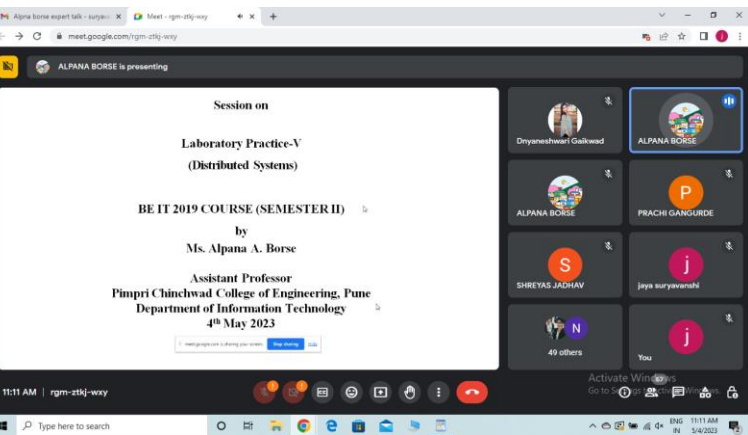Mrs. Yogita Desai, SNJB's College of Engineering, Chandwad, Nashik,

Expert Talk on "Self- reliance & Climb the rest of success"

Department of Information Technology in association with ISTE student chapter organized an expert talk on "Self- reliance & Climb the rest of success" on 2nd May 2023 for SE, TE, BE IT students. Mr. Dattatraya Aher was invited as a resource person for this expert talk. Sir explained the concept of self- reliance & Climb the rest of success. SE, TE, BE IT students took the benefits of this expert talk.

ALUMNI MEET 2023

Department of Information Technology has organized the Alumni meet for the academic year 2022-23on **06th May 2023** Time: 11:00am. This meet is intend to share efforts and experience was good and to interact with alumni to maintain and enhance quality technical education. The meeting was held inCivil Department Seminar Hall at C Building.For this meeting Prof. Dr. Satish R. Devane (Principal), Dr. Vijay M Birari(Vice Principal, MVPS's KBT

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COE Nashik),Dr. S. J. Kokate (Dean Academic& Educational Officer), Dr. A. B. Kakade (Dean Alumni) HOD, Deans, Alumni coordinators and Alumni of all departments were present.

IT Department alumni, staff and student photo

Principal Dr. Satish R. Devane sir guide all alumni. Dr. S. J. Kokate (Dean Academics& Educational Officer), during his speech elaborated on the academic progress done by the institute. Further alumni 70+ Alumni were present for this virtual Alumni Meet.

graduates gatherings signify an institution's advancement as well as the ties that graduates have with their alma mater. The main goal of the alumni meet is to give a public forum where staff, alumni, and current students can interact to improve the educational experiences of the students and address a range of problems pertaining to the development of the institute. The alumni meet program was started at 011:00 am, for the main function, Prof.Dr. S. J. Kokate (Dean Academics & Educational Officer), Dr. Vijay M Birari(Vice-Principal, MVPS's KBT COE), Prof. Dr. Satish R. Devane (Principal), Dr. V.R. Sonawane (HOD-IT), faculties, volunteers and students were present.

All alumni visit the department following lunch. They visited the division and committed their earlier memories to memory. Our department also hosted a little program . In a brief speech, Dr. V. R. Sonawane (HOD-IT) introduces the program. All alumni were introduced to the pupils by Mr. NitinUjgare. The IT Department employees recognized all of the alumni.

Then, for the benefit of all the SE, TE, and BE students in our department's academic and employment prospects, our dynamic alumni share their invaluable experience with them. Our alumni talk on the development of the department and the students. They also offer some suggestions on how to enhance communication with the department and the organization. Mr. Tbish khan (Alumni Coordinator) motivate all the students for their placements.Mr. Aadity Marathe give information and create interest in UI/UX field to the students.

Lastly, Rounak Sahni(volunteer)delivered vote of thanks. This alumni meet was remarkable for the students as well as for institute to achieve its goals.

Expert Talk on "Leadership and Personality Development" Audit Course

Mr. Aniruddha Telang [Freelance Training facilitator]

Department of Information Technology organized expert talk on "Leadership and Personality Development on 12/05/2023 for Third Year [IT] students. Mr. Aniruddha Telang 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, how Leadership and Personality Development. He also explained the Amongst the ideal leadership traits are emotional intelligence, strong decision-making and communication skills, self-awareness, and confidence-- each plays a vital role in being a successful and strong leader for your team.. He delivered the knowledge, TE IT students took the benefits of this expert talk.

Dr. V. R. SonawaneHOD, IT