MVP Samaj's KBT College of Engineering

DEPARTMENT OF INFORMATION TECHNOLOGY

DEPARTMENTAL NEWSLETTER

2019-2020

MARATHA VIDYA PRASARAK SAMAJ'S
KARMAVEER ADV. BABURAO GANPATRAO THAKARE
COLLEGE OF ENGINEERING
KBTCOE   **www.kbtcoe.org**
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

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.

Session on "Red Hat Certification"

Red hat certification program helps IT stream student to prove their skills and build effective teams. Red hat certified professionals demonstrate their knowledge and skills in rigorous, hands –on lab based exams. Hence to enlighten our students on certifications and provide career guidance IT department organized a session on "Red Hat Certification", for the students of SE and TE on 10th January 2020. For this session two resource people were invited. First person guided the students about career opportunities in IT industries and second person acquainted on certifications. The resource people advised the students to learn recent technologies which are used in IT industries, specifically cloud computing and Internet of things. All the students were contented after the workshop.

Brain storming session on competencies and performance indicator

Department of Information Technology organized brain storming session on competencies and performance indicator on 14 Jan 2020. Ms. R. R. Tajanpure conducted this session. She firstly explained competencies Indicators.

Online webinar "Data Science & Machine Learning"

The Department of Information Technology, MVPS's KBT College of Engineering had organized online webinar "Data Science & Machine Learning" on Wednesday 22nd April 2020. Approximately 100 students and more than 15 faculties joined the webinar. Mr. Proyas Bose (Solution Specialist, Data Scientist, Inteliment Technologies Pune) was the key note speaker. At the inception Mr. N.S. Ujgare welcomed all the participants, Dr. V. R. Sonawane HOD IT, faculties and Keynote speakers. Honorable Principal Dr. N. S. Patil and Vice Principal Prof. N.B. Desale have given the key note address to the audience. The key note speaker had brought the role of data sciences and machine learning in different domain and how it brings the insights from data that helps organizations to grow. He had also mentioned the career opportunities in the field of data science and machine learning. He advised the students to start implementing small use cases inside the campus using their knowledge of data science and machine learning. Honorable Principal Dr. N. S. Patil sir has proposed to start Data Science and Machine Learning Research Lab in association with Inteliment Technologies Pune. The webinar was concluded with a vote of thanks.
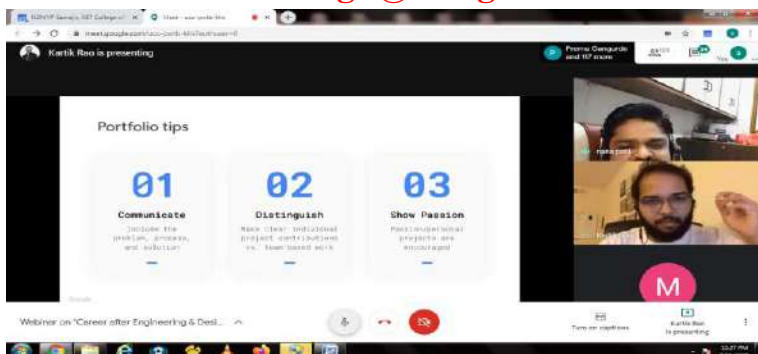
Online session on Block chain

The Information Technology Department of MVPS's K.B.T collage of engineering, Nashik has conducted online session on Block chain technology in association with CSI student chapter on 6th May 2020 at 4pm. Speaker was Mr. Anant Maind. Total 60 students were benefitted. Speaker introduced different usage of technology and discussed crypto currency as a most popular implementation. Speaker also talked about various software applications for development under block chain Session was planned under guidance of Dr. V. R.

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Sonawane (HOD IT Dept.). Dr. N. S. Patil (Principal KBTCOE) & Prof. N. B. Desale (Vice-Principal KBTCOE) has motivated for successful completion of the activity. All the arrangements of the session were done by Ms. Deepti Gatne.

Online webinar on "Skills Needed for IT Professionals"

Ms. Vaibhavi Joshi (Infosys Ltd. Pune as a Mainframe and SAS application developer) delivered online webinar talk on "Skills Needed for IT Professionals" on 23rd May, 2020 at 12:30 p.m. for SE, TE and BE students through "Go To Webinar Meet" platform. One of the notable alumni of the IT department Ms. Vaibhavi Joshi (Infosys Ltd. Pune as a Mainframe and SAS application developer) was the resource person for this webinar. She explained different skills requires for IT professionals in brief. She also explained her work experiences in Multinational Corporation. Around 111 participants had attended this webinar. This webinar has arranged by Ms. Jaya Suryawanshi under the guidance of Dr. V. R. Sonawane (HoD, IT).
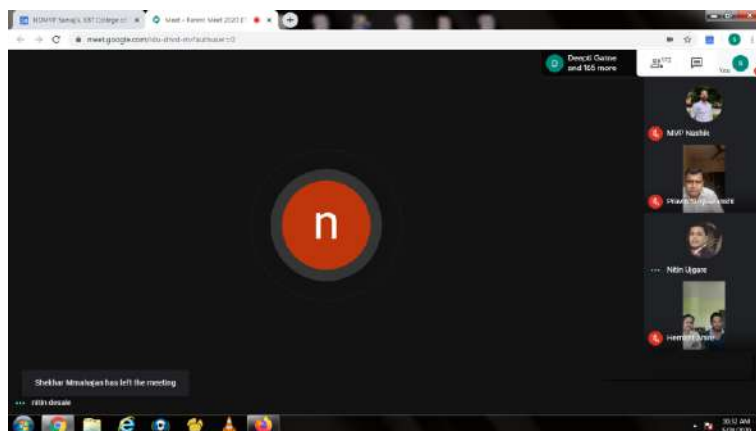
Online webinar on "Career after Engineering & Design@Google"

The Department of Information Technology of MVPS's K.B.T College of Engineering, Nashik has organized Online webinar on "Career after engineering and Design@Google" on Thursday, 21st May 2020 at 11 a.m. through "Google Meet" platform. One of the notable alumni of IT department Mr. Kartik Rao (Interaction Designer, Google, San Francisco, Bay Area, California) was invited as the resource person for this webinar. This webinar was organized by Ms. Sujata Suryawanshi under the guidance of Dr. V. R. Sonawane. Dr. N. S. Patil (Educational Officer & Principal, MVPS's KBT COE Nashik), Prof. N. B. Desale (Vice Principal, MVPS's KBT

COE Nashik), Dr. V. R. Sonawane (HoD, IT), all faculty and students from IT department were present for the webinar. Webinar was started with some inspirational videos. Ms. Sujata Suryawanshi introduced the resource person. Dr. V. R. Sonawane (HoD, IT) addressed the webinar. Dr. N. S. Patil welcomed Mr. Kartik Rao and gave best wishes for the webinar. At this time Prof. N. B. Desale also guided the audience. Initially speaker shared his journey from MVPS's KBT COE to Google, California. Afterward session was started with quiz. Students were too much interactive during the session. Speaker explained about career opportunity after completion of graduation in brief. He also talked about UI/UX design, various features of YouTube etc. At the end, question answer session was there. In this session students & faculty actively participated and asked technical question to the speaker. Speaker also answered queries in an easy way. Around 140+ students & faculty benefited from this webinar. Lastly, vote of thanks was delivered by Ms. Sujata Suryawanshi.
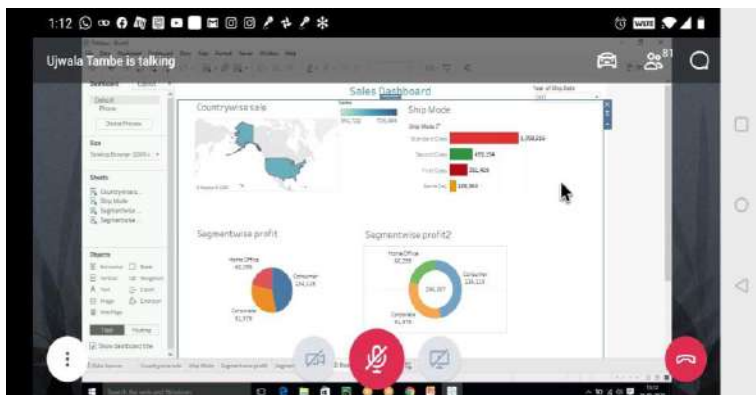
Virtual Parent Meet

To clear the doubts of parents & students regarding academic, Examinations, Placement after Covid-19 situation, Department of Information Technology organized Virtual Parent meet on 24th May 2020 at 10.00 am. This meeting was conducted on Google meet platform. For this meeting, Dr. N. S. Patil (Educational Officer & Principal, MVPS's KBT COE Nashik), Prof. N. B. Desale (Vice Principal, MVPS's KBT COE Nashik), Dr. S. J. Kokate (Dean Academic), Prof. Vineet Deore (Training & Placement officer), Prof. B. N. Shinde (College Examination Officer), Dr. V. R. Sonawane (HoD, IT), all faculty and Parents of the student from IT

department were present for the webinar. Mr. N. S. Ujgare hosted this meeting. Welcome address and introductory speech was proposed by Dr. V. R. Sonawane. He gave the brief introduction of the efforts taken by the department in lockdown situation. Dr. N. S. Patil also addressed the meeting and guided the parents. Prof. N. B. Desale welcomed the parents and shared the plans of the institute after this covid-19 situation. At that time, Academic Dean Dr. S. J. Kokate explained institute plans of the coming academic semester and cleared all the doubts of parents regarding next semester academic. 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. Lastly, Vote of thank was delivered by Ms. Sujata Suryawanshi. Feedback forms of the Virtual parent meet was shared with all the parents. Around 170+ Parent were present for this virtual Parent Meet.

Online quiz on Python

The Information Technology Department of MVPS's K.B.T collage of engineering, Nashik has conducted online quiz competition on Python for first year students in association with IEI student chapter on 7th May 2020. Total 100 students were participated in competition. Winners of python quiz competition were Chinmay Sinnarkar, Swati Zagade, Darshan Borse Quiz was planned under guidance of Dr. V. R. Sonawane (HOD, IT Dept.). Dr. N. S. Patil (Principal KBTCOE) & Prof. N. B. Desale (Vice-Principal KBTCOE) has motivated for successful completion of the activity. All the arrangements of the quiz were done by Ms. Deepti Gatne.

Webinar on "Data Visualization & Analytics with Tableau"

Department of Information Technology of MVPS's KBTCOE, Nashik organized webinar on 'Data Visualisation & Analytics with Tableau'. The webinar was a 1hour Tableau hands on session with live demo on Saturday, May 16. The spoke person for the webinar was Mr. Vidyadhar Shirsath, working as senior analyst at Infosys, Hong-Kong. This webinar is arranged by Ms. U.S. Tambe. Nearly 100 Students & faculty members from our colleges joined the webinar virtually. This webinar was held for the Information technology 2nd, 3rd, 4th year students respectively. It's helping students to showcase the best practices of Data Visualization & Analytics with Tableau and also helps to get start there carrier in Data Visualization and Analytics. Presenter also described the carrier opportunities in business intelligence domain.

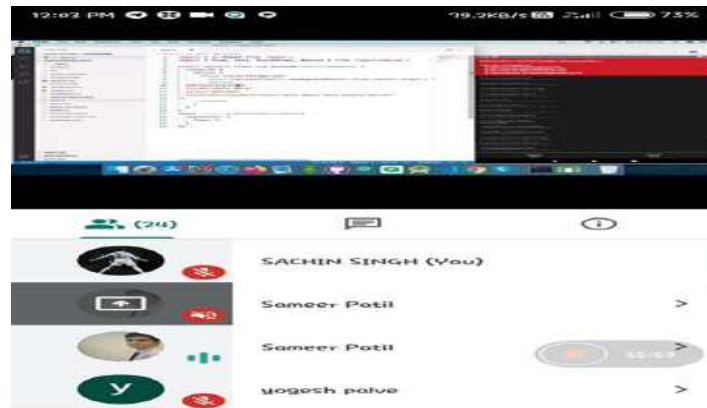## Webinar on "Career in Cyber Security and Data Forensics investigation"

Department of Information Technology, MVPS's KBTCOE, Nashik organized a webinar on "Career in Cyber Security and Data Forensics investigation" on 19/5/2020 at 11 am. Mr. Nikhil Mahadeshwar (Proprietor at Feather's Group, Founder - Cyber Secured India, Mumbai, Director at Ccure Ongo Pvt. Ltd., ECcouncil Certified Security Analyst) was the speaker for this Webinar. 150+ participants attended this webinar. Mr. Nitin Ujgare introduced the speaker. Dr. V. R. Sonawane (HoD IT), Vice Principal Prof. N. B. Desale and Principal Dr. N. S. Patil encouraged the conduction of the webinar. The webinar was organized by Ms. Rupali Tajanpure.

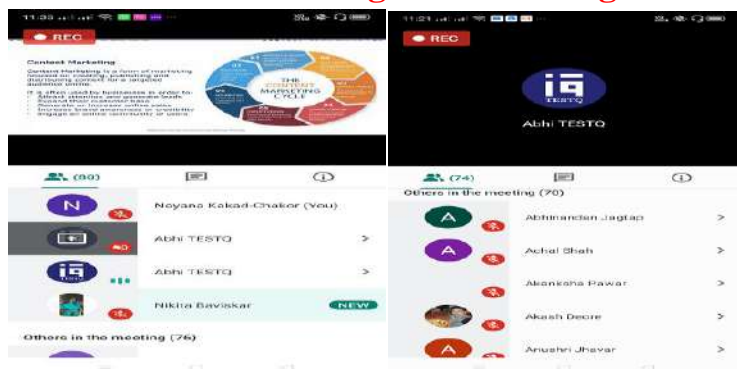## Webinar on "Software Testing & IT Job Market after COVID -19 Pandemic"

The Department of Information Technology of MVPS's K.B.T College of Engineering, Nashik organized webinar

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on "Software Testing & IT Job Market after COVID -19 Pandemic" on Sunday, 10th May 2020 at 3.00 PM. through "Go To Webinar" platform. The resource person for the webinar was Mr. Kushal Bhamare (Member of IT Professionals, South Africa Currently working in Software Tech QA at CMIT Johannesburg) and Mr.Zakes Nhlamulo Bila (Founder &CEO Bila ICT Solutions & Software Quality Engineer at Dynamic Visual Technologies at Johannesburg). Around 140+ Participants were present for webinar. Mr.Nitin Ujgare introduced the speaker.Dr.V.R.Sonawane (HoD-IT), Principal Dr.N.S.Patil sir & Vice-Principal Prof.N.B.Desale sir motivated for webinar & given best wishes to department. Mr. D.A.Birari arranged entire webinar.

Webinar on "Digital Marketing"

Department of Information Technology of MVPS's KBTCOE, Nashik organized webinar on 'Digital Marketing' on Wednesday 3rd June 2020 at 11:00 am through Google Meet platform.The resource person for the webinar was Mr. Abhinay Mahadik, Director, TestQ Technologies Pvt. Ltd., Nashik. Around 75+ participants were present for the webinar. He explained the tools and techniques required to succeed in the new media environment, how to do marketing through digital media, Types of marketing(social media marketing, content marketing etc.), Pay per click process (PPC). He has described carrier opportunities in digital marketing. He also answered satisfactorily to the questions asked by participants. Ms. N. R. Kakad coordinated this webinar.

Webinar on "React Native Framework-Cross Platform Mobile Application"

The department of Information Technology, MVPS's KBTCOE, Nashik organized Webinar on "React Native Framework-Cross Platform Mobile Application" on Saturday 6th June 2020 at 11am. This webinar was arranged for Third Year and Final Year IT students. Speaker for the webinar was Mr. Sameer Patil (Junior Software Engineer Aress software, Native/Cross platform mobile application developer). Mr. Sameer Patil is one of our proud alumni from batch 2018-19. Firstly, he gave brief introduction about himself. He shared valuable knowledge regarding the topic React Native. He explained implementation & importance of React Native. He also shared his views on Mobile Application developer. All TE& BE IT students took the benefits of this webinar.

Expert Talk on "Recent trends in AI"

Mr. Rushabh Rambhia (REDEX Head, India) delivered expert talk on "Recent trends in Artificial Intelligence" on 9th January, 2020 for SE, TE students. First, Sir gave history and introduction about REDEX club formation. He focused on Social contribution of REDEX club. He also focused on recent trends in technology such as Artificial Intelligence, Machine Learning. He elaborated Artificial Intelligence as recent trends.

Aptitude Test

To improve students logical reasoning & thinking ability and to prepare students to face challenges of corporate life after completion of engineering, IT department arranged apptitude test for TE & BE IT students on 23rd January 2020. Around 80 students apperaed the test. This activty is conducted by ITSA team under the guidance of HoD Dr. V. R. Sonawane. All the TE & BE IT students took benefits of this activity.

Success in Avishkar Project competition

To inculcate research culture among students, to encourage original and novel thinking and to provide an opportunity for expression of academic talent, Savitribai Phule Pune University organizes "Avishkar Project Competition" every year. In this year, two project groups from IT department have been selected at University level. Hence, members of these project groups of IT department were felicitated with the hands of Hon. Sarchitnis Smt. Nilimatai Pawar Madam for the selection of their projects in 'Avishkar Competition' at University level. Project groups entitled 'Plant Nursery Management' and 'Sound prohibited zone for smart Cities' are nominated for University level in Agriculture, Engg. & Technology category respectively. Dr. N. S. Patil (Principal KBTCOE), Prof. N. B. Desale (Vice-Principal KBTCOE), Dr. V. R. Sonawane (Head, IT) congratulated project team members Sanket Kapole, Varsha Shewale, Sayali Mekhe,

Viraj Oke, Nikita Baviskar, Rutuja Khankari, Ruchira Khankari, Nikita Bidve for their achievement at District Level Avishkar Competition.

Red-Hat Best performer award

Department of Information Technology has signed MoU with Red-Hat Linux in A. Y. 2018-19. In last year department has organized different activity like Red-Hat certification courses, workshops & seminars for students. Students have successfully completed the certification course of Red hat Linux. Hence, department of Information Technology, MVPS's KBT COE is awarded with Best performer of the year award on 4th Jan 2020. For this achievement, Principal Dr. N. S. Patil, vice Principal Prof. N. B. Desale & all the faculty members of KBTCOE congratulated IT department.

Career Guidance and Effective Resume Writing

Department of Information technology organized Expert Talk on Career Guidance and Effective Resume Writing under IEI student chapter on 23rd January 2020. Session was conducted by Dr. Sachin Pachorkar, Associate Prof, MBA department KBTCOE Nashik. He discussed with the students different career opportunities and efforts need to be taken. He also told different new technologies students should use while developing final year project. This session was organized by Ms. D. R. Gatne.

Expert Talk on "Financial Management"

Department of Information Technology organized expert talk on "Financial Management" on 11th Jan 2020 for TE & BE IT students. Mr. Vikrant Shah (Finance Consultant BSE) 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 and its use for financial Management. All the students took the benefit of this expert talk.

Expert Talk on "Meditation"

Department of Information Technology organized expert talk on "Meditation" under IEI student chapter on 13th January 2020 for Second Year and Third Year IT students. Ms. Varsha Nikam, Trainer – Art of Living was invited as an expert person for this session. She guided students about benefits of Yoga and Meditation, how to practice it for concentration in studies. She took meditation practice for 15 minutes. This session benefited students to cope up with today's expectations with different perspective.

Expert Talk on "Traits of Successful Project Management"

Department of Information Technology organized expert talk on "Traits of Successful Project Management" on 29th January 2020 for Third and Final Year IT students. Mr. Milind Tanksale (Associate Director, NSCPL Nashik) was invited as a resource person for this expert talk. He introduced himself and during expert talk, he shared valuable knowledge about how to plan, organize, maintaining quality and risk analysis of project. He also explained tools and techniques for project Management. All the students took the benefits of this expert talk.

Expert Talk on "Open Source Technology"

Department of Information Technology organized expert talk on "Open Source Technology" on 10th January 2020 for Second Year and Third Year IT students. Mr. Riyaz Qureshi (Technical Director IRT-Red Hat Technology, 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, Red Hat Certificate system and Administrator. He also explained the Job opportunities for Red Hat Certified Engineer. He delivered the knowledge on Open Source technologies and related Software. TE IT students took the benefits of this expert talk.

Student to Student mentoring session

To provide a platform for productive interaction and guidance to junior students by seniors from the department, IT department started "Student to Student Mentor program". Under this program, department organized a session on 24th Jan 2020. In this session, last year IT students guided TE students regarding importance of internship, selection process of project. In this session they also explained working modules of their projects.

Group Discussion Activity

Due to the fear of speaking in public, Lack of knowledge on the topic and due to no proper command on language, most of the students fail to perform well in a group discussion. Hence to overcome these challenges and learn the techniques and etiquettes for group discussion, IT department organised a group discussion activity for SE & TE IT students on 2nd January 2020. This activty is conducted by ITSA team of IT department. For this Discussion, Ms. D. R. Gatne and Ms. B. A. Ahire were the judges. Judges also gave the suggestions to the group of students accordingly. All the TE IT students took benefits of this discussion.

Dr. V. R. Sonawane
HOD, IT