



Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati
First Year Student Induction Program
A. Y. 2021-22 SEM-I
(13 Dec. to 27 Dec. 2021)

Day 01

Date: Monday, 13 Dec 2021

Topic: Introduction to First Year Curriculum

The first day of the first year student induction program started at 11.15 A.M. During this session, 100 students were present. In this session Mr. Amol Jadhav explained the first-year syllabus structure, examination scheme, and credit system of Savitribai Phule Pune University to students, and he also said that examination is of two types, first is in-semester and second is end-semester examination. In-semester examination is of 30 marks and end-semester examination is of 70 marks. Minimum marks required for end-semester examination are 28 marks and for in-semester examination no criteria of minimum marks. Passing criteria for the subject is to get 40 marks combined in both in-semester and end-semester. He also said that we are making two groups A and B for all admitted students with six divisions. Subjects of groups A and B are,

Group A: Engineering Mathematics-I, Engineering Physics, Systems in Mechanical Engineering, Basic Electrical Engineering, Programming and Problem solving.

Group B: Engineering Mathematics-I, Engineering Chemistry, Systems in Mechanical Engineering, Basic Electronics Engineering, Engineering Mechanics.

Also, he provides the list of class coordinators, class teachers, and mentors. He said that the university gives credits to each subject, and the total number of credits in the first year are 44 and out of 44 if students get 50% credits, then he is promoted to second year.



Day 02

Date: Tuesday, 14 Dec 2021

The second day of the **FE Student induction program** started with a delightful session of **Dr. Aparna Sajjan HoD FE**. She threw the focus on current admission status for the first round in institute. She explained the purpose and moto behind the proposed induction program. She also gave an overview of the activities going to take place during the induction program. She threw more emphasis on the quality education at VPKBIET. She explained different efforts and approaches adapted for quality education. She also explained the detailed result analysis of the past five years to newcomers and urged them to perform better than the past batches. Dr. Sajjan explained the examination scheme to FE students and gave them hints to face the coming examination. She also explained the shortcoming in the online teaching learning process and hoped for students to come for physical education with good health. She gave key ideas to the student for getting success in forthcoming examinations. She also highlighted the expectations of institute authorities and teachers from students. She concluded her talk by assuring students that they are in safe hands.

The second session was conducted by **Dr. Nitin A. Jadhav** on **Introduction to Engineering Chemistry**. He started his session with the meaning of engineer and he explained the difference between science and technology and also focused on the peer working of scientist and technologist. He also gave an outline of the syllabus of Engineering Chemistry. He also gave the list of experiments which are to be performed in the first year of Engineering. Dr. Jadhav showed the list of Text books and reference books used for first year engineering Chemistry and also explained the teaching and examination scheme. Dr. Jadhav explained the Course Outcomes and Program Outcomes for engineering chemistry and explained the importance of Cos and POs. further Dr. Jadhav has explained detailed Scope and application of Engineering Chemistry in Emerging Engineering and technology fields specially Nanotechnology which is 21st Century Technology. He explained in detail the importance and application of Chemistry in Mechanical, Civil, Electrical, ENTC, Computer, IT and AIDS fields. He concluded his session by showing a profile of teaching faculties for Engineering Chemistry and some glimpses of Chemistry Lab.



Day 03

Date: Wednesday, 15 Dec 2021

Subject: Basic Electronics Engineering

Conducted by: Mrs.Surwase V.S., Mrs.More M.U

The first session of the third day of the FE Student induction program started with a delightful session of “**Importance of Electronics**”. The session was conducted by faculty of department of E & Tc **Mrs.Surwase V.S. and Mrs. More M.U.**

The session was about the importance of electronics and the syllabus content of the subject Basic Electronics Engineering. Mrs. More Monali explained how electronic devices have become an important part of our day-to-day life. It has become difficult for us to do work without using the electronic device. We live in a generation that uses electronics and technologies where robots and artificial intelligence are capable of doing human work with more ease and efficiency. It is an important part of engineering.

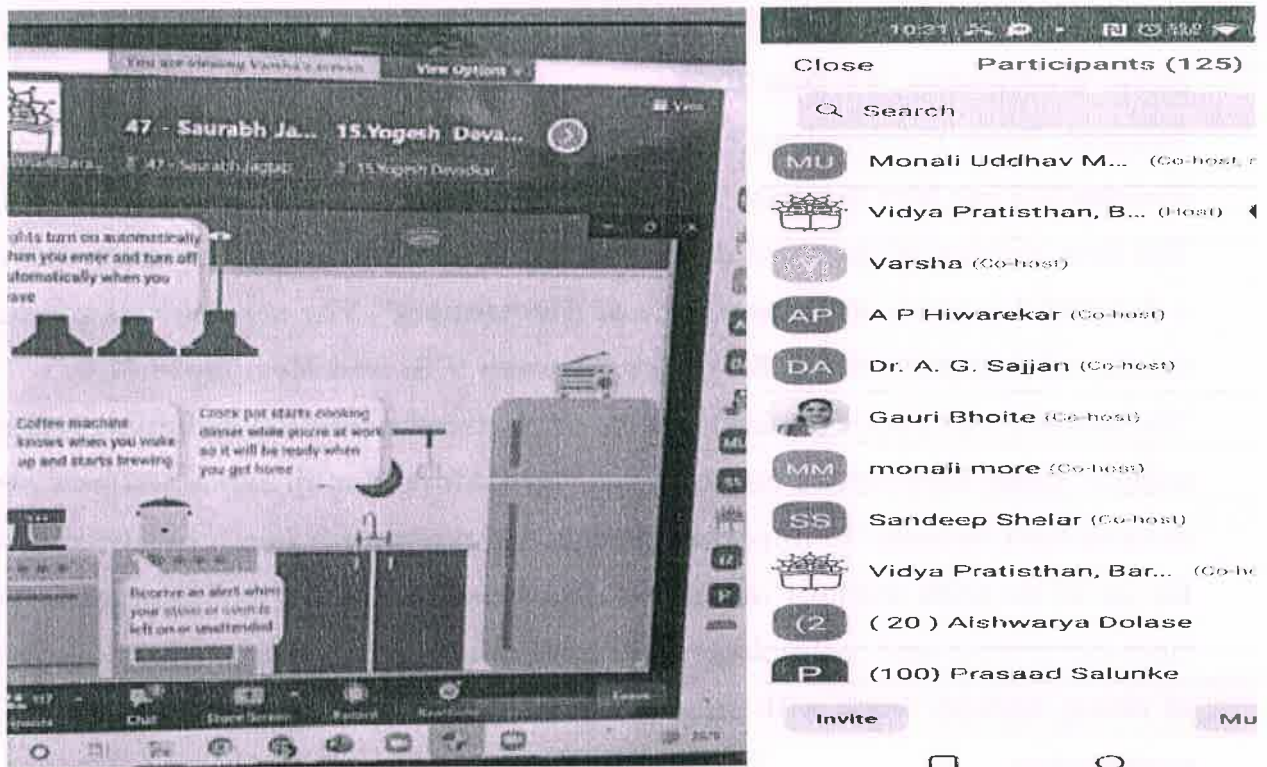
The session was then continued by Mrs. Surwase Varsha. She gave an outline of the syllabus of Basic Electronics Engineering for first year Engineering students. She also gave a list of experiments which are to be performed in the first year of Engineering. She showed the list of Text books and reference books used for Basic Electronics Engineering and also explained the teaching and examination scheme. She also explained detailed Scope and application of Basic Electronics Engineering in Emerging Engineering and technology fields specially. She concluded her session with a video explaining the importance of electronics in our routine life.

Subject: Basic Electrical Engineering **Conducted by:** Shelar Sandeep

The second session was conducted by **Mr. Sandeep Shelar**. He explained the **Importance of Electrical Engineering**. He gave an outline of the syllabus of Basic Electrical Engineering for first year Engineering students. He also gave a list of experiments which are to be performed in the first year of Engineering. He showed the list of Text books and reference books used for Basic Electrical Engineering and also explained the teaching and examination scheme. He also explained detailed Scope and application of Basic Electrical Engineering in Emerging Engineering and technology fields specially.

Glimpse of the Day:





Day 04

Date: Thursday, 16 Dec 2021

The fourth day of the FE Student induction program started with a delightful session of **Dr. Samadhan Morkhade**. He threw the focus on the current Scenario of **Civil Engineering (Engineering Mechanics)**. He explained the purpose and moto behind the introductory lecture on Opportunities in Civil Engineering at the induction program. He also gave an overview of activities going to take place in the Civil Engineering Department throughout the year. He threw more emphasis on quality education at VPKBIET. He explained different approaches adopted by the department for quality education in civil engineering. He also showed and explained detailed Placement analysis of the past five years to newcomers. He also urged them to perform better than past batches so that they will get better placement.

The **second session** was conducted by **Mr. Deepak Bhosale** on **Importance of Systems in Mechanical Engineering** Subject. He started his session with the meaning of engineer and he explained the difference between science and technology and also focused on the peer working of scientist and technologist. He also gave an outline of the syllabus of SME for first year Engineering students. He also gave a list of experiments which are to be performed in the first year of Engineering. Mr.



Bhosale showed the list of Text books and reference books used for first year engineering and also explained the teaching and examination scheme. He explained the Course Outcomes and Program Outcomes for SME and explained the importance of COs and POs. He explained detailed Scope and application of SME in Emerging Engineering and technology fields specially Mechanical engineering which is 21st Century Technology. He explained the detailed importance and application of SME in the Mechanical Civil Electrical ENTC Computer IT and AIDS field.

Third Session was conducted by **Ms Nutan Phalke** on the **Basics of Programming and Problem Solving**. She explained the examination scheme to FE students and gave them hints to face the upcoming examination. She also explained the shortcoming in the online teaching learning process and hoped for students to come for physical education with good health. She gave key ideas to the students for getting success in forthcoming examinations. Ms. Phalke also highlighted expectations of institute authorities and teachers from students. She threw focus on the importance of programming languages in all engineering fields like soft and hard branches. She also highlighted that programming languages are a must for all fields for mankind.

Day 05

Date: Friday, 17 Dec 2021

First session: Importance of Engineering Physics

First session was conducted by **Dr. N. T. Shelke** on **Importance of Engineering Physics**. Initially he explained to student's definition of science and physics. He explained different branches of physics and its applications. Also he was informed about the importance of Physics in Engineering. He also discussed what they are going to learn in Engineering Physics. Also he mentioned that laws of physics are useful in Mechanical Engineering and other branches. He explained many important concepts like structure of matter, light, sound etc. After that sir elaborated detailed syllabus, exam pattern and practical. Dr. Shelke showed the list of textbooks and reference books used for first year Engineering Physics. He explained the importance and application of Engineering Physics in various branches of Engineering.



Second session: Importance of Mathematics

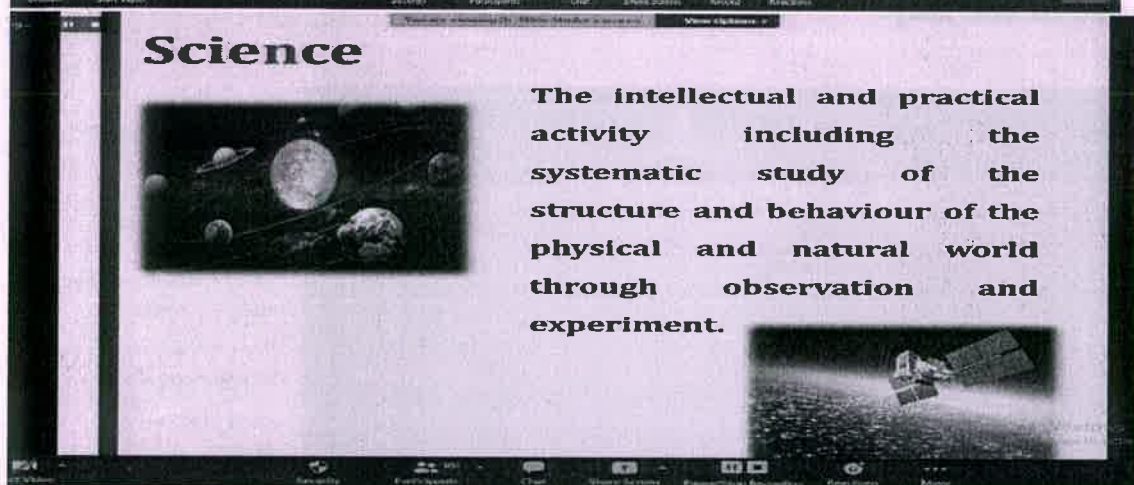
22 December is the birth anniversary of Srinivasa Ramanujan and is celebrated as National Mathematics Day. On this occasion, we arranged a special talk by **Mr. D. S. Sonawane** and **speeches by the students** on the life of Srinivasa Ramanujan and his contribution in Mathematics under the Srinivasa Ramanujann center for Enhancement of mathematical Abilities.

The second session started with delightful talk of Mr. D.S. Sonawane. Initially he gave brief information about ancient Indian mathematicians and their contribution. In his speech he enlightened the life of Great Mathematician Srinivasa Ramanujan. He explained Ramanujan number and its properties in detail. Also he gave information about the work of Ramanujan. After that he also discussed some funny results of mathematics. He also explained sampling and average concepts with examples. He had shown some applications of Mathematics in various branches of Engineering.

After that FE students, **Ms. Pooja Bhoite, Ms. Anjali Bhandare, Ms. Neha Chhajed and Ms. Shruti Bansode** shared their views on the life of Srinivasa Ramanujan and his contribution in Mathematics. At the end Shruti Bansode discussed some puzzles on Mathematics.

Photograph during Session





Day 06

Date: Monday, 20 Dec 2021

The **first session** of the FE Student induction program started with a meaningful session of **"Energy conservation"**. Under the Institution's Innovation Council, the session was conducted by faculty of department of Electrical Engineering **Mrs. Pooja N. Jaiswal**.

The session was about the importance and need of energy conservation. Mrs. Pooja N Jaiswal explained the scope of energy conservation in various sectors like



agriculture, industries and domestic applications. Then she discussed the efforts taken by the government of India, its policies, functioning and initiatives. She elaborated on energy conservation in day-to-day life. She taught how to calculate the power consumption of any electrical equipment and its star rating meaning, She compared the various electrical equipment based on their power consumption, rating and energy savings. She also discussed about "Solar photovoltaic system design and application", centre of excellence, its mission and working She concluded her session with energy saving appeal

Glimpse of the Day:



The **next session of Internship, IIIC and Career Katta** was conducted in an interactive manner for the FE students. Following things were told to the students by **Dr. D. B. Hanchate**.

1. Objectives of IIIC.
2. Need of IIIC.
3. How to make students industry oriented?
4. How to do the registration on the AICTE internship portal?
5. Significance of Internship.
6. AICTE internship policy for the students and benefits of it.
7. Joining the course on the AICTE portal.

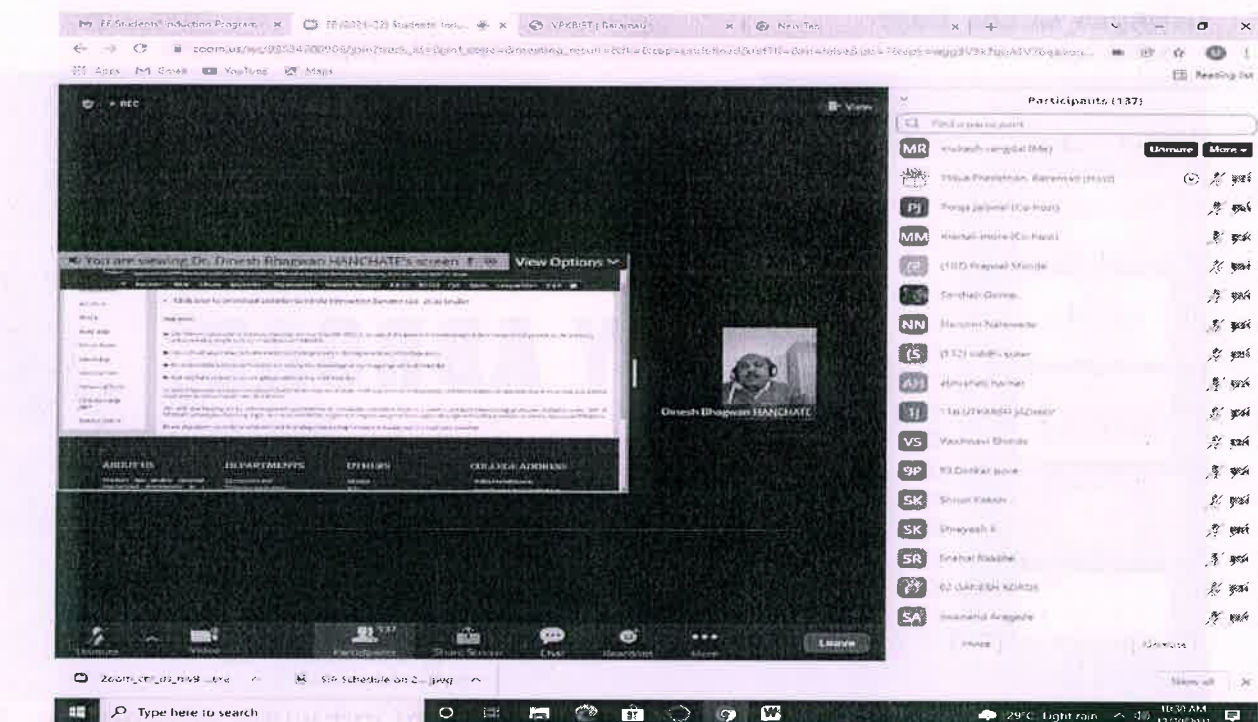


8. Taking the help of IIIC coordinator, Ambassador, HoDs for industry connectivity.
9. Different internships available in India and around.
10. Career Katta and its use in making the career.
11. Joining the whatsapp group for the FE students.

Few of the FE students also joined the Whatsapp group made for Internship.

The session ended with the questions and answers.

Glimpse of the Day:



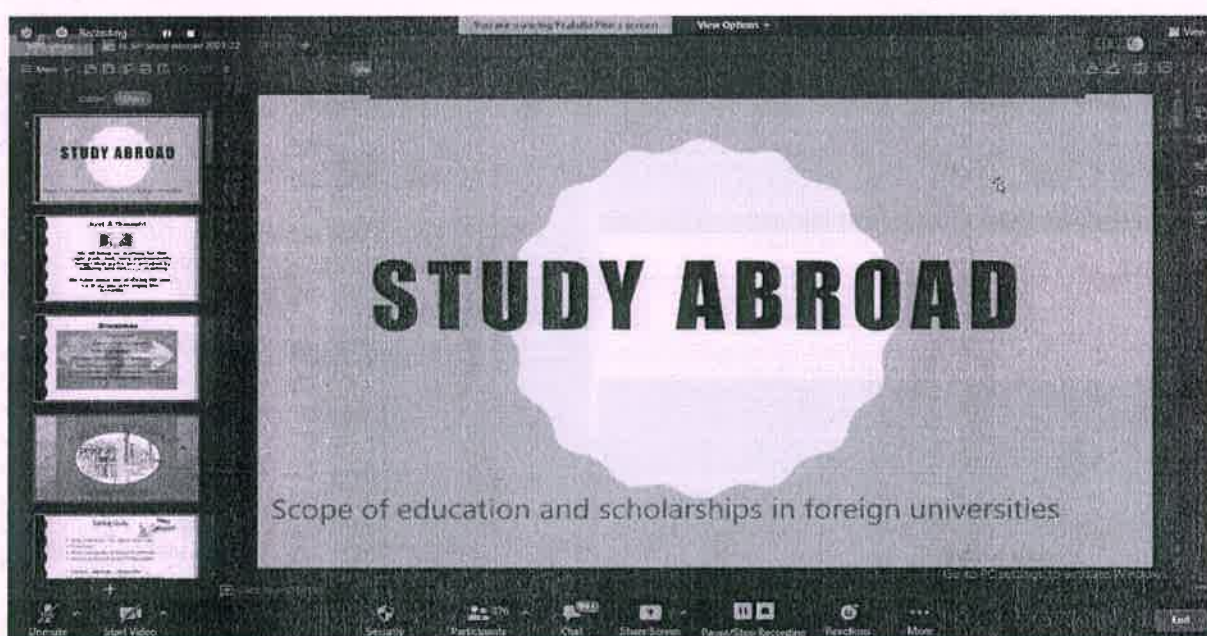
The **third session** of the FE Student induction program was started with an useful session of **“Study Abroad (Scope of Education and Scholarships in Foreign Universities)”**. The session was conducted by faculty of department of Civil Engineering Mr. Prafulla Pise.

The session was about the scope of education and scholarships in foreign universities after graduation. Mr Prafulla Pise shared his background and experiences. He shared his journey from Baramati to Delhi to Bhutan to the United Kingdom. He shared how a Marathi student from a rural area did achieve his dreams and our students can too. He presented and explained with examples the important things in a student aspirant to achieve their goal are IAP i.e., Interest, Aptitude, Personality.



He also tried to answer the common questions of parents and students like why should I study in foreign university, when to start the procedure and how to apply? He also explained the advantages and disadvantages of studying abroad. He compared the career prospect of studying after graduation in India and abroad. He showed the comparative study of the management and engineering programmes to clear the doubts of students while selecting the programme of study in foreign universities. At the end he gave a glimpse of the different countries and their graduate programmes with career prospects.

Glimpse of the Day:



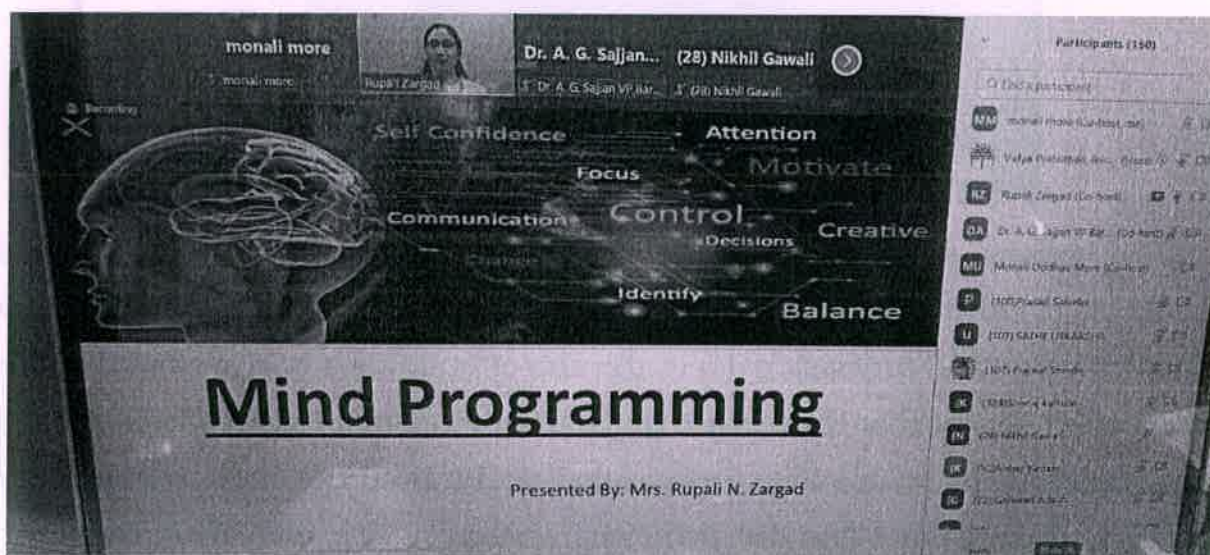
The **fourth session** of the 9th day of the FE Student induction program was started with a divine session “**mind programming**”. The session was conducted by one of the staff of the department of Computer Engineering **Mrs. Rupali N. Zargad**.

The session was about the importance of mind programming. Mrs. Rupali Zargad explained how mind programming has become an important part of our day-to-day life. It has become difficult for us to do work without using positive beliefs. In today's scenario, students are facing many problems like tension, depression, anxiety, not concentration on study, job, carrier, sexual problems etc. In this scenario, it is the basic need to manage all mentioned problems and live a happy, healthy life for a bright future and success. It is an important part of our life.



Mrs. Rupali covered many points related to the mind and its functions, states, personality, what is mind programming, why it is necessary and how to reprogram your mind with positive beliefs. At the last She has concluded her session with video and by images explaining importance of mind and how to motivate ourselves in our day-to-day life.

Glimpse of the Day:



Day-07

Date: 21/12/2021

The **first session** started at 09:30 A.M. In this session Mr. Deepak Sonawane sir introduced the Institute Virtual Lab Coordinator **Ms. Mona Yadav**. The aim of this session was to create awareness on the utilization of web-based experiments, virtualization, and simulations towards enhanced learning. Madam addressed information to the students about the different virtual labs and their utilization for curriculum. The session ended with a vote of thanks by Mr. P. V. Dhandore, 215 students were present for the session.



the day can be a great way to get rid of stress that accumulates daily, in both, body and the mind. Meditation is relaxation and rejuvenates the body and mind. Sir has explained different activities of Yoga and Meditation. He delivered a speech on the importance of yoga in human life. Many students benefited from this session. The session ended with a vote of thanks by Mr. D. S. Sonawane. 211 students attended the session.



In the **fourth session** on “**Aptitude Training-Technical Competition**”, Mr. D. S. Sonawane (SIP, Coordinator) introduced **Dr. Vinod C. Todkari**. Every Career option requires a particular aptitude combination that should match with the individual’s potential ability to grow with that career. With the same aim this activity was organized for students. In this session sir has provided information about the importance of IQ, EQ, SQ, AQ in our life, sir also elaborated on the importance of Aptitude test for getting Government jobs in different areas. Students enjoyed the training program and learned all the tips given by Dr. Vinod C. Todkari. Mr. D. S. Sonawane expressed the vote of thanks. 210 students were present for the session.



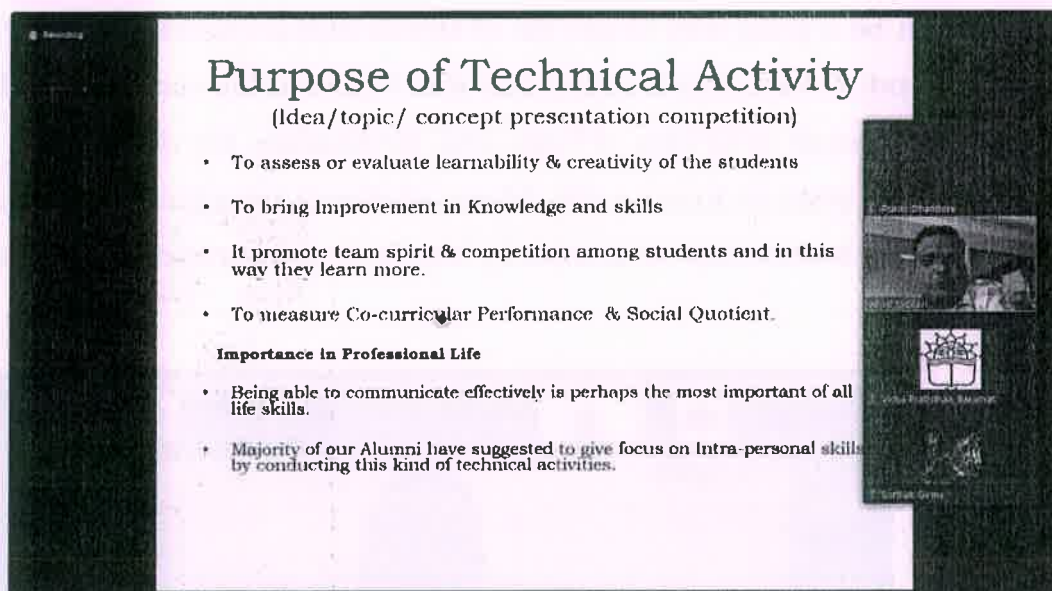
Purpose of Technical Activity

(Idea/topic/ concept presentation competition)

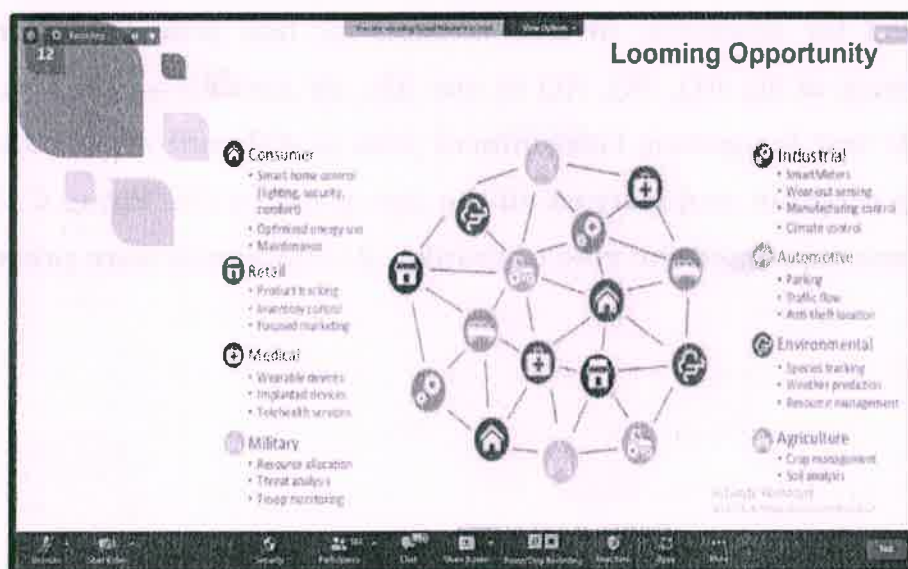
- To assess or evaluate learnability & creativity of the students
- To bring Improvement in Knowledge and skills
- It promote team spirit & competition among students and in this way they learn more.
- To measure Co-curricular Performance & Social Quotient.

Importance in Professional Life

- Being able to communicate effectively is perhaps the most important of all life skills.
- Majority of our Alumni have suggested to give focus on Intra-personal skills by conducting this kind of technical activities.



In the **fifth session** on **“IOT and Drone Technology”** Mr. D. S. Sonawane introduced **Mrs. Sonal Nikam**. COVID-19, the novel coronavirus, brought the whole world in the eye of the storm, and has driven organizations to rethink the way they work and operate. Many employees have been told to work from home, and use videoconferencing and online collaboration services. Madam addressed Importance of IOT in different areas. Madam also guided the students about IOT Technology in specific devices like smart helmet, Smart Jar, Smart cooker, and smart house etc. the session ended with vote of thanks by Mr. D. S. Sonawane sir. Also Dr. Sajjan madam informed students about the next day’s schedule.



We feel proud and have been fortunate enough to be part of such an activity. Thanks to Dr. Sajjan madam (HoD F.E), Student Induction Program Coordinator, Mr. D. S. Sonawane Sir, for arranging this program for first year students, I am also thankful



to Respected Principal Dr. R. S. Bichkar sir for suggesting this topic and giving permission for arranging such a program.

Day 08

Date: Wednesday, 22 Dec 2021

FE Inaugural Programme: Principal's Address

On this day, all the FE admitted students were available after the conclusion of the second CAP round. In the beginning, **Ms. Monali More** introduced all the VPKBIET faculty including Hon. Principal, Deans, HoDs and all the faculty. Subsequently, **Ms. Pallavi Bokey** shouldered the responsibility for anchoring for all the forthcoming sessions. **Mr. Deepak Sonawane** took a review of the previous year's FE academics including the result analysis. The college rankers of previous year's FE University examinations **Ms. Sanika Sahuji, Udaysingh Pawar and Shrishti Surpur and Amey Suryawanshi** expressed their wonderful experiences during the FE academics. Then our distinguished alumnus and NRD parade 2021 contingent commander **Ms. Rajashri Mane** shared her views and experiences with suitable illustrations. Then, the **FE HoD Dr Sajjan** thoroughly elaborated the FE academics, the result history, our regular practices, importance of virtual labs during the pandemic and so on. Later, the **Dean Academic Dr. Hiwarekar** explained the regular academic practices, Training and Placement activities of the institute. Then it was the turn of our inspiring **Principal Dr. Bichkar**. He welcomed the youngest members of the VPKBIET family, his expectations from the students during their tenure in our institute and offered the best wishes. Ms. Pallavi Bokey was fluent during the anchoring.

In the **next session**, **Ms. Gauri Bhoite** gave a presentation on the topic "**Academics and system**". In this session 220 students were present. In this session Ms. Gauri Bhoite madam gave an idea of syllabus structure, in that she mentioned teaching and examination scheme and credits. She gave information about the academic calendar and time table. She also focused on study material and E-content i. e. video lectures, summary, notes, ppt, books, gate question paper, previous year question paper etc. she also discussed where we get all study material, that all material provided on google classroom. She also discussed the examination scheme



that is in-semester exam, university exam, unit wise test, term work split up and submission.

After that she discussed FE Systems i.e. support system, communication, FE activities, FE department system. In the support system she discussed about the mentoring system, class teacher, subject teacher, subject coordinator, academic coordinator, FE HoD, Dean academic and Principal. She also explained the communication media i.e. teacher communicates with students by the media notice board, web mails, whatsapp group, announcement in google classroom.

She also discussed the FE activities such as induction program, technical activity, seminars, quiz, parents meet, expert talks, mooc courses etc. She gave the idea of the FE departmental system, in that she told the importance of attendance display, display of marks of each test, best class award, feedback system.

All faculty members of the first year department were present for this session. Program was coordinated by Ms. Supriya Ghadage; she gave a brief introduction of the speaker. The program ended with the vote of thanks, proposed by Ms. Supriya Ghadage.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the title "Where we get study Material?". The slide lists several options for getting study material:

- ☐ Google Classroom: LMS
- ☐ Subject wise Classrooms
- ☐ Join with VPKBIET Email ID
Rename with Roll No and Name
- ☐ Access study material/Upload Assignments
- ☐ Android App is available
- ☐ <https://classroom.google.com/u/0/c/MjU4OTM5NzkxODRl>

Below the slide, there is a list of participants (22/2). The list includes names and roles, such as Supriya Ghadage (Co-host), Mentor Gauri Bhoirade (Co-host), and various students.



The screenshot displays a Zoom meeting in progress. At the top, a bar shows the names of participants: Supriya Ghadage, Mentor Gauri Bhoite, Sumitra Kadam, Dr. A P Hiwarekar, and Swapnali Bhoi. The main window shows a calendar of events for the first year department. The calendar is organized by date, with activities listed for each day. The right sidebar shows a list of 209 participants, including names like Supriya Ghadage, Vidya Prabhatan, and Mentor Gauri Bhoi. The bottom toolbar contains various meeting controls such as Mute, Start Video, Participants, Chat, Screen, Record, and Reactions.

Date	Activity
03-12-21	Dept. portfolio, Class teacher, Mentor and other activity assignment and IQIP
04-12-21	Commencement of FE Teaching (1 st Semester)
05-12-21	FE Students Induction Program (SIP)
06-12-21	Principal's Address
07-12-21	Christmas (Holiday)
08-12-21	Display of attendance (December)
09-12-21 to 04-01-22	Mid Sem Test (MST)
04-01-22	Display of Attendance (January)
07-01-22	Display of Result of Mid Sem Test-I and meeting with students
10-01-22 to 17-01-22	In Sem SPPU Exam (Tentative)
19-01-22	Shivaji Maharaj Jayanti (Holiday)
21-01-22 to 24-01-22	Mid Sem audit by BOS-PAC, Audit of course files and GC
21-01-22	Mid-term Feedback of students
24-02-22 to 28-02-22	Department Level Activities / Events (Extra ACo-Curricular)

In the same session Mr. Dilip Patil discussed the **students support system** in which he talked about the mentoring system to help at individual level i.e. motivation, advice, success, direction, coaching, support, goal, training etc. He focused on the topic self-learning in that he discussed the points library, digital library, web based learning, virtual labs, centre of excellence and professional bodies. Also he talked on entrepreneurship cell. He revised procedure of **anti-ragging form**; He gave details of required data of institute i.e. AISHE code and other necessary information.

After that Mrs. Gauri Bhoite (member of anti-ragging cell) provided a list of required documents for the anti-ragging forms to be filled by the students. She also demonstrated the procedure of filling an anti-ragging form.

All faculty members of the first year department were present for this session. Program was coordinated by Ms. Supriya Ghadage; she gave a brief introduction of the speaker. The program ended with the vote of thanks, proposed by Ms. Supriya Ghadage.



Zoom Meeting You are viewing DILIP PATIL's screen View Options

Supriya Ghadage Rohan Gawade **DILIP PATIL** Manjiri

Supriya Ghadage Rohan Gawade DILIP PATIL Dhiraj Somakkar Manjiri

2. Anti-Ragging Committee (20-21)

Sr. No.	Name	Designation	Contact No.
1	Dr R S Bichkar	Principal	Chairman 02112-239500, 9309784606 principal@vpkbiel.org
2	CEO, Baramati Municipal Council	Representative Civil Admin.	Member 02112-222494
3	P.I Baramati Rural Police Station, Baramati	Representative Police Admin.	Member 02112222433
4	Adv. Ms Neelima Gujar	Representative NGO	Member 9850134462
5	Mr D. G. Patil	Nodal officer & Representative Faculty	Member 9960686384, antiragging@vpkbiel.org
6	Mrs Bhoite Gauri G	Representative Faculty	Member 9665380190 Gauri.bhoite@vpkbiel.org
7	Mr Tewari Satish H	Representative Non teaching staff	Member 9890319150 registrar@vpkbiel.org

Participants (229)

Find a participant

SG Supriya Ghadage (Co-host) Mute

WV Vidy Pradip Singh (Host) Mute

DP DILIP PATIL Mute

AS (Co-host) Ask to Unmute More

MG Mentor Gauri Bhoite (Co-host) Mute

(20) Ashwarya Dolase Mute

(103) SATHE UTKARSHA Mute

(11) Varad Borawake Mute

(128) Shwajit Kulkarni Mute

(28) Mahesh Gajwad Mute

(28) Nishi Gawai Mute

(50) Abhay Kadam Mute

(77) pratik paxhai Mute

Active Windows

Go to Settings to activate Windows

Chat

Unmute Start Video Security Participants Chat Share Screen Record Reaction Leave

Type here to search

28°C 11:06 AM 12/22/2021

Zoom Meeting You are viewing Mentor Gauri Bhoite's screen View Options

Supriya Ghadage Mentor Gauri Bhoite **A** Sayali Jagad Abhishek talc

Supriya Ghadage Mentor Gauri Bhoite Ashwarya Dolase Sayali Jagad Abhishek talc

REVISED PROCEDURE OF ANTI RAGGING

The revised procedure is as follows:

Step 1: A student will submit his/her details on the same web sites (<https://vpkbiel.org> and www.vpkbiel.org) as before; read and confirm that he/she and his/her parents/Guardians have read and understood the AICTE regulations on curbing the menace of ragging. He / She will confirm & agree that he/she will not engage in ragging in any form. (Step 1 is the same like before).

Step 2: The student will receive an e-mail with his/her registration number and a web link. The student will forward the link to the e-mail of the Nodal Officer in his/her university/college. (please note that the student will not receive pdf affidavits and he/she is not required to print & Sign it as used to be the case earlier).

Step 3: The Nodal Officer in the University/College can click on the link of any forwarded e-mails that he/she will receive from any student of his/her college to get the list of those students who have submitted Anti-Ragging Affidavits/Undertakings in his/her college. The list will be updated every 24 hours.

Universities and Colleges are requested to insert a mandatory column in their university/colleges admission form as per the given format:

Anti Ragging Undertaking Reference No.:

Participants (213)

Find a participant

SG Supriya Ghadage (Co-host) Mute

WV Vidy Pradip Singh (Host) Mute

MG Mentor Gauri Bhoite (Co-host) Mute

AS (Co-host) Mute

(20) Ashwarya Dolase Mute

(103) SATHE UTKARSHA Mute

(11) Varad Borawake Mute

(128) Shwajit Kulkarni Mute

(28) Mahesh Gajwad Mute

(28) Nishi Gawai Mute

(50) Abhay Kadam Mute

(77) pratik paxhai Mute

Active Windows

Go to Settings to activate Windows

Chat

Unmute Start Video Security Participants Chat Share Screen Record Reaction Leave

Type here to search

28°C 11:23 AM 12/22/2021

Day-09

Date: 23/12/2021

The **first session** started at 09:30 A.M. In this session Ms. Snehal Walke introduced the TPO **Mr Suraj H. Kumbhar**.

The aim of this session was to give information on training and placement of the institute. During the session he told different types of training given by the institute and the list of various companies that have conducted campus drives. He also gave



statistics of students placed in various companies through campus drive. The vote of thanks given by Ms. Snehal Walke, 290 students were present for the session.



In the **next session**, Ms. Snehal Walke introduced **HoD Civil Engineering, Dr. C.B. Nayak**. He has introduced the civil engineering dept to students by showing laboratory arrangements. He also introduced the qualified faculty of the civil engineering department to students. He told the different sub branches of civil engineering along with their importance, job opportunities in private and govt sectors. At the end he introduced the proud alumni of the department to students working in various sectors, government sectors etc. The session ended with a vote of thanks by Mr. Ms. Snehal Walke. 200 students were present for the session.

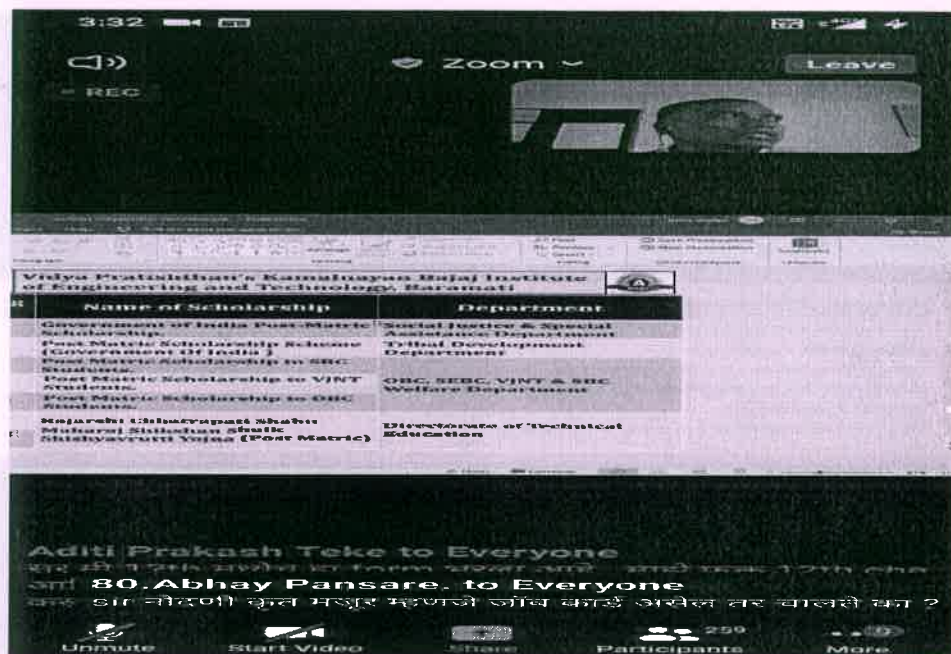


In the **third session** on “**Importance of values in professional education & awareness on women harassment Act 2013**”, Ms. Snehal Walke introduced **Prof. Vikas Bansode (VP's, Vasantrao Pawar Law College)**. He told the ethical values to be followed in professional education. After that he had given detailed information of the women harassment act 2013 and how it works. He also told the students how the act is misused. The session ended with a vote of thanks by Ms. Snehal Walke. 200 students were present for the session.

During the **fourth session** on “**Importance of Mechanical engineering**”, Ms. Snehal Walke introduced **Dr. Sachin Bhosale, HoD Mechanical Engineering**. He introduced the mechanical engineering department to students by showing laboratory arrangements. He also introduced the qualified faculty of the mechanical engineering department to students. He told the different sub branches, centres of excellence and the achievements of mechanical engineering along with their importance, job opportunities in private sectors. At the end he introduced the proud alumni of the department working in various sectors. The session ended with a vote of thanks by Ms. Snehal Walke. 210 students were present for the session.

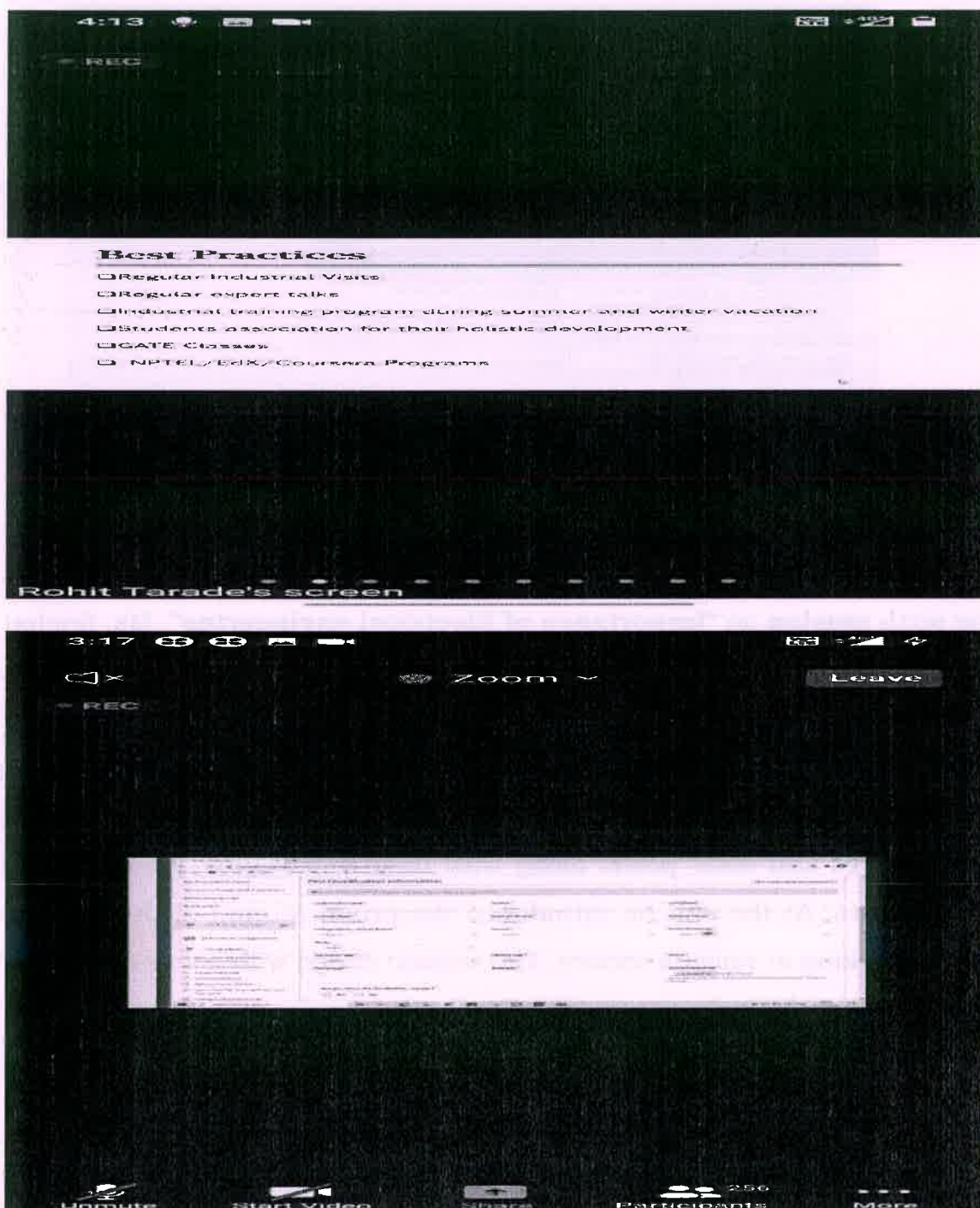
In the **fifth session**, Ms. Snehal Walke introduced **Dr. Nitin Shelke**. He has introduced the different types of private (Lila Poonawala, Cummins, etc.) and government scholarships (category wise) available to the students. He focused on the online portal and how to apply to avail the government. scholarships i.e. MahaDBT portal to students and explained the step by step procedure to fill online govt scholarship form. The session ended with a vote of thanks by Ms. Snehal Walke. 256 students were present for the session.





In the sixth **session** on “**Importance of Electrical engineering**”, Ms. Snehal Walke introduced **Mr. Rohit Tarade, HoD Electrical Engineering**. He has introduced the electrical engineering dept to students by showing laboratory arrangements. He also introduced the qualified faculty of the electrical engineering department to students. He talked about the different sub branches of electrical engineering such as electric vehicles-ebikes and solar power along with their importance, job opportunities in private sectors. At the end he introduced the proud alumni of the department to students working in various sectors. The session ended with a vote of thanks by Ms. Snehal Walke. 215 students were present for the session.





Day 10

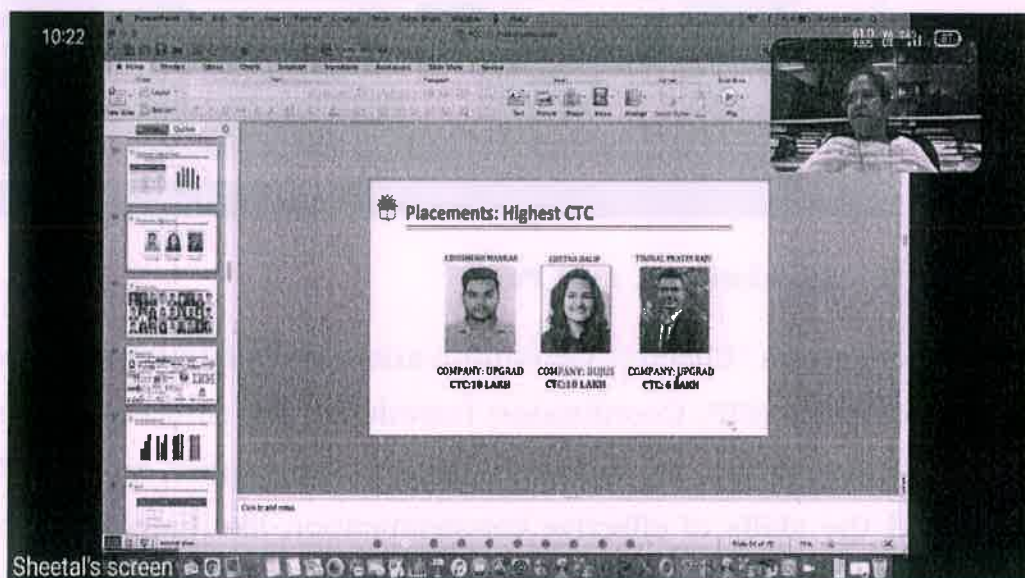
Date: Friday, 24 Dec 2021

The **first session** on “**Importance of IT Engineering**” started at 09:40 A.M. In this session Ms. Nutan Phalke Madam introduced the **Head of Information Technology department, Dr. Sheetal Takale Madam.**

The purpose of this session is to give a brief idea about the importance of information technology engineering. Dr. Sheetal has given details about challenges



and career opportunities in IT and brief about the departmental activity conducted during pandemic by IT department and also addressed on student placements and alumni. She also highlighted the alumni placements with high packages. After the end of the session an interactive question answer session is conducted. The session ended with a vote of thanks by Ms. Nutan Phalke Madam, 225 students were present for the session.



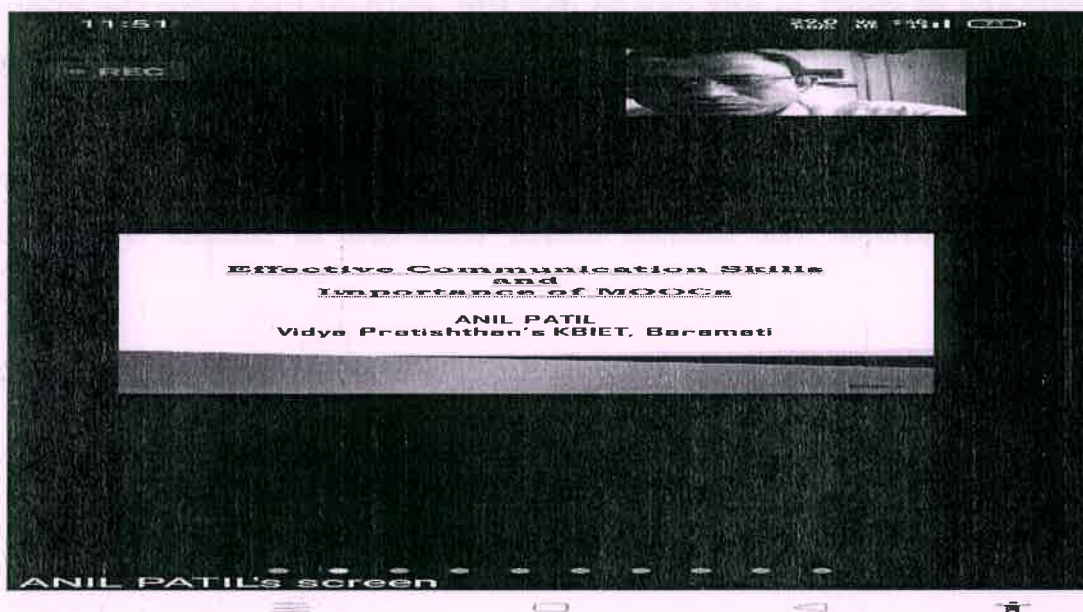
In the **second session**, Mr. Deepak Sonawane sir introduced **Dr. Bipin Patil, VP's College of Agri Biotech**. The purpose of this session is to give a brief idea about the **Importance of sport in our day to day life**. Patil sir has given the information about how sport helpful to grow physically as well as for mental growth. also enlighten on how sports help control diabetes, reduce obesity, enhance blood circulation, and manage levels of stress. Sir has focused on how junk food destroys our health and fitness. The session ended with vote of thanks by Mr. Deepak Sonawane sir.





Session 3 – Speaker- Dr. Anil Patil

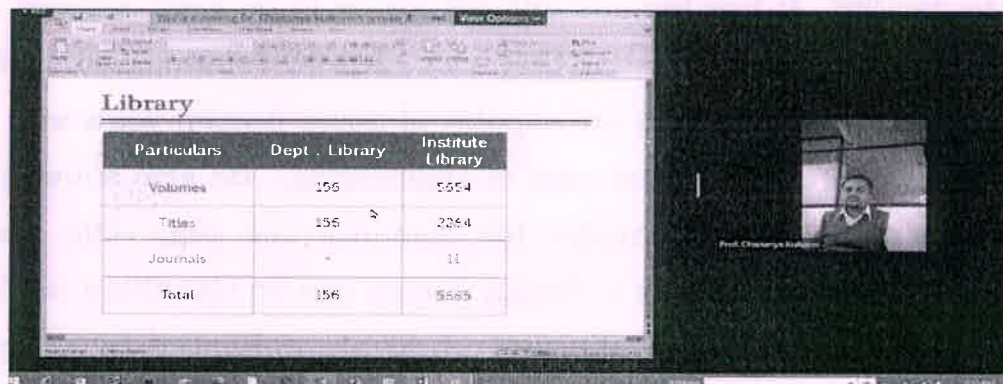
In this session on “Effective Communication Skills and Importance of MOOCs”, Mr. D. S. Sonawane (SIP, Coordinator) Introduced Dr. Anil Patil. This session focuses on the **Importance of communication languages and MOOC courses**. He described the skills of effective communication like listening, Speaking, Reading, Writing, Thinking. Also give the details about the situation where communication matters, like job interviews, group discussion etc. Also gives the details about MOOC courses like NPTEL offered by IITs and the communication skill courses that are available. The session ended with a vote of thanks by Mr. D. S. Sonawane sir.



In the **fourth session** on the “**Importance of Computer Engineering**”, Ms. Nutan Phalke introduced **Dr. Chaitany Kulkarni, HoD Computer Engineering**. Sir made

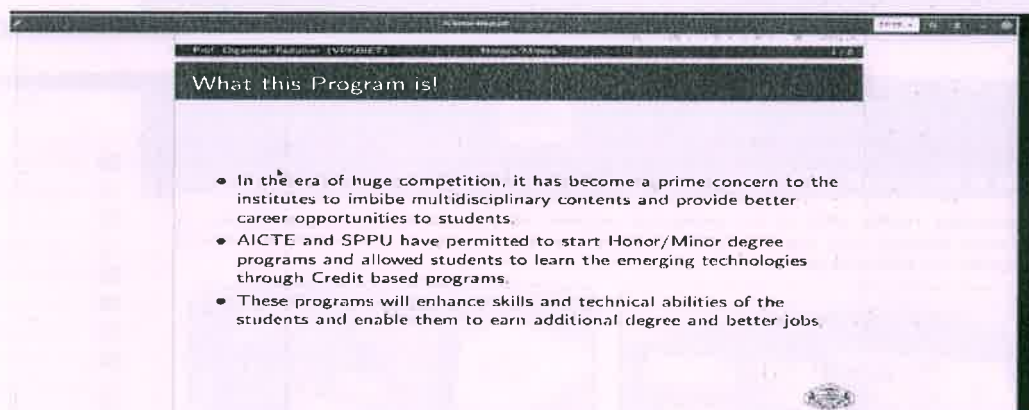


a presentation on activities performed by the computer department and faculty achievements and he also enlightened the activities performed under CESA association. He gave focus on eminent alumni. Sir gave the details about what are the career opportunities after the completion of BE. He also briefed on achievements of our alumni in past years. The session ended with vote of thanks by Mr. Deepak Sonawane sir.



Particulars	Dept . Library	Institute Library
Volumes	156	5654
Titles	156	2264
Journals	-	11
Total	156	5655

In the **fifth session**, Mr. Deepak Sonawane introduced **Mr. Digambar Padulkar, coordinator of Add-on courses**. In this session he gave the information about what is the honours and minors degree. This program focused on the enhancement of skills and technical abilities of the students and how to earn additional degrees and better jobs. Sir also described the vision and mission of these courses, also focusing on the need of advanced technology and industry needs. He shared a brief knowledge about advanced technology. The session ended with the vote of thanks by Ms. Nutan Phalke.



What this Program is!

- In the era of huge competition, it has become a prime concern to the institutes to imbibe multidisciplinary contents and provide better career opportunities to students.
- AICTE and SPPU have permitted to start Honor/Minor degree programs and allowed students to learn the emerging technologies through Credit based programs.
- These programs will enhance skills and technical abilities of the students and enable them to earn additional degree and better jobs.

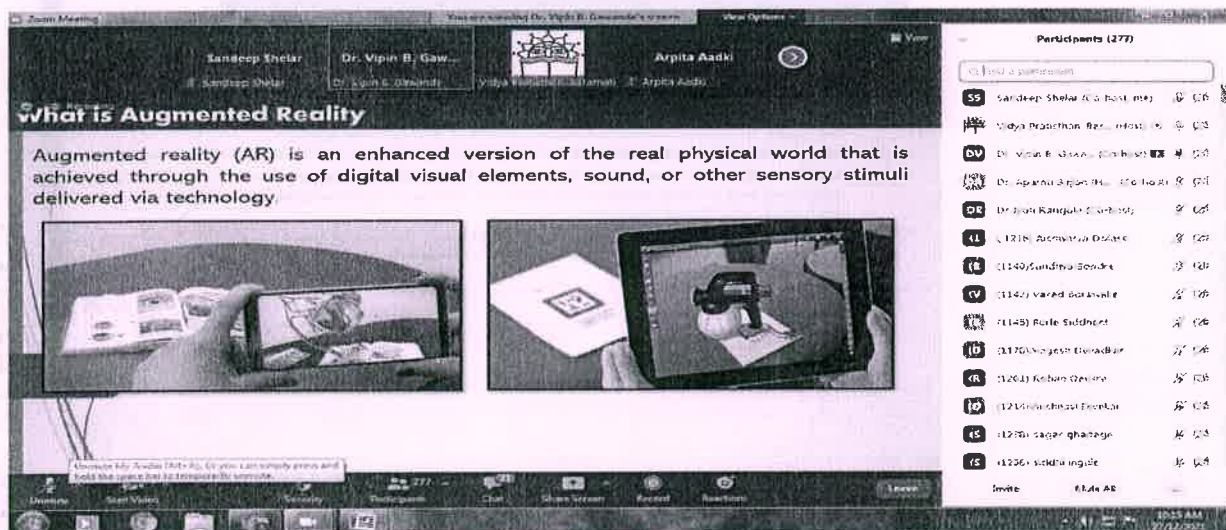


Day 11

Date: Saturday, 27 Dec 2021

The **first session** of the FE Student induction program started with an interesting session of **“Introduction to 3D Printing & Augmented Reality”**. The session was conducted by faculty of department of Mechanical Engineering **Dr. Vipin Gawande**. He has explained how 3D Printing devices have become an important part of our day-to-day life. It has become difficult for us to do work without using 3D & 2D Printing. We live in a generation that uses 2D & 3D Printings and technologies where 2D objects and 3D Objects are capable of doing human work with more ease and efficiency. It is an important part of engineering. He also showed the 3D printer made by an FE student under his guidance last year. He also added about augmented reality and how a display screen can be visualised on the walls. In AR the objects that reside in the real world are enhanced by computer-generated perceptual information.

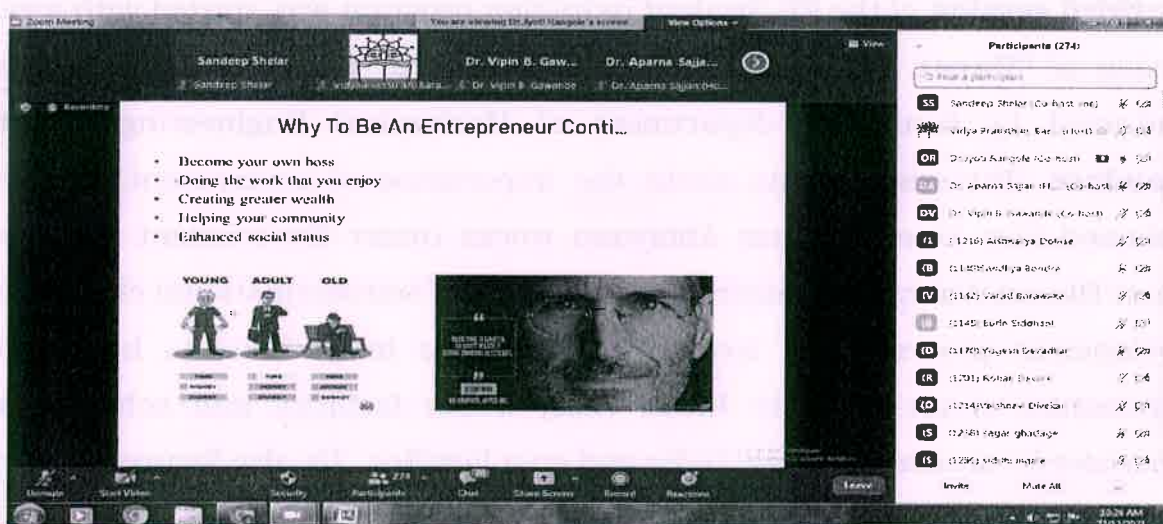
Glimpse of the Day:





The **second session** of the FE Student induction program was started with a vital session of **“Entrepreneurship & Incubation – Design Learning”**. The session was conducted by faculty of department of E&TC Engineering **Dr. Jyoti Rangole**. The session was about the importance of Entrepreneurship & Incubation centres in Design Learning. She has explained how to start a start-up industry under Entrepreneurship & Incubation cell with different facilities. Also, which facilities will be important for students like Payments, Healthtech, Agri Tech, Foodtech, Home interior Designs. It will be beneficial for first year students. Incubation – Design Learning has become an important part of our day-to-day life. It has become difficult for us to do work without using the Incubation Centre. It is an important part of engineering.

Glimpse of the Day:



Design Thinking

What, Why, How

Risk In Early Stage of Startup: Customer= Motivation, Acceptance, Commitment
Product= Feasibility, Production, Viability

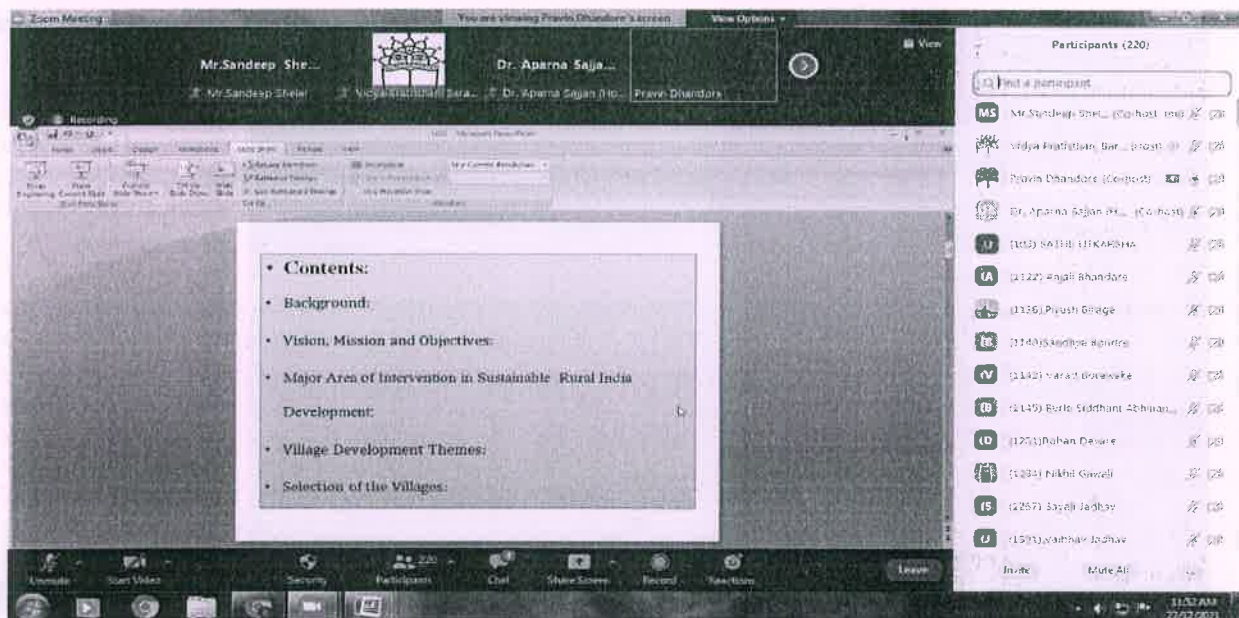
The slide features a diagram of the Design Thinking process with five stages: Empathize, Define, Ideate, Prototype, and Test. Below the diagram, it lists the phases: Immersion, Empathize, Explore, Elaborate, and Measure.

Startup	Industry	Founded	Funding
1. Pharmika	Pharmaceuticals	2013	Amount
2. Adika	Education, Health, and others	2013	Amount
3. Foodtech	Foodtech	2014	US\$ 1.42B
4. Protonet	Protonet	2015	US\$ 52M
5. Brand	Brand	2017	US\$ 27M
6. dailyhunt	Health & Food	2017	US\$ 20M
7. LIVSPACE	Home	2015	US\$ 200M
8. DeHaat	Agriculture	2012	US\$ 17M
9. Cricket	Ag Tech	2019	US\$ 10M

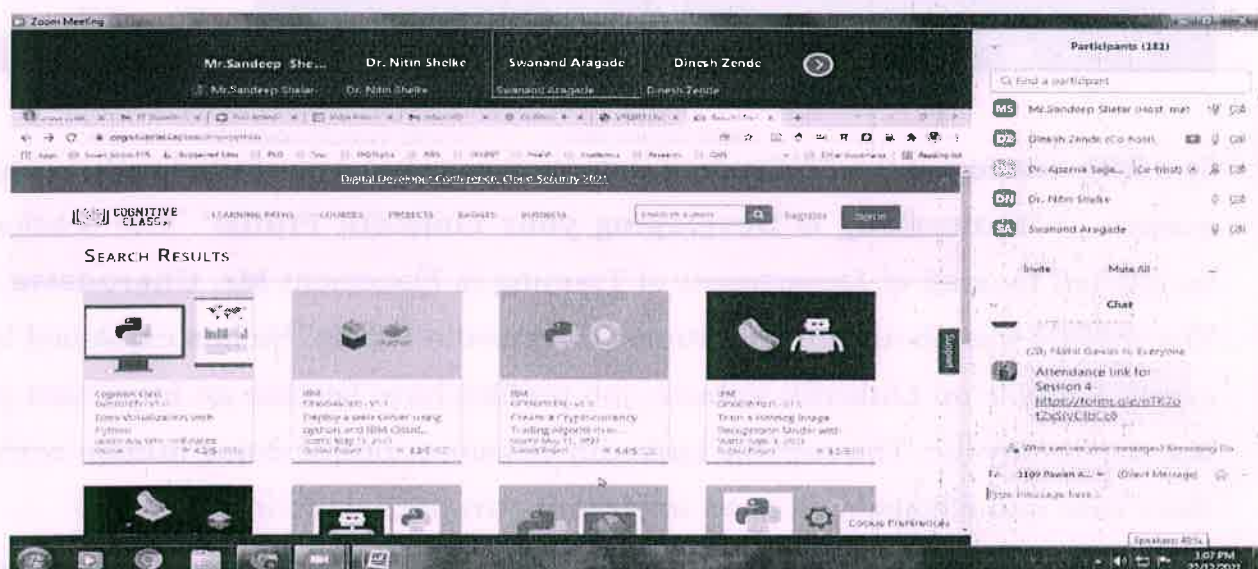
Startup	Industry	Founded	Funding
1. BYJU'S	Edtech	2011	US\$ 2.1B
2. zomato	Foodtech	2008	US\$ 47M
3. UrbanClap	Local	2010	US\$ 40M
4. WorkIt	Design	2008	US\$ 15M
5. Convoy	Design	2013	US\$ 77M
6. Convoy	Design	2013	US\$ 77M
7. Convoy	Design	2013	US\$ 77M
8. Convoy	Design	2013	US\$ 77M
9. Convoy	Design	2013	US\$ 77M

The **third session** of the FE Student induction program was started with a valuable session of “**Unnat Bharat Abhiyan – Government Schemes**”. The session was conducted by faculty of department of Mechanical Engineering **Mr. Pravin Dhandore**. The session was about the importance of government schemes. He explained how Unnat Bharat Abhiyaan works under Government Schemes and Unnat Bharat Abhiyaan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Also, which facilities and schemes will be important for students of rural India and poor families. He also focused on the clean city schemes.





The **Fourth session** of the FE Student induction program was started with a delightful session of **"Importance of AI & DS Engineering"**. The session was conducted by **head of department of AI & DS Engineering, Mr. Dinesh Zende**. The session was about the importance of AI & DS Engineering. He has explained Artificial Intelligence and Data Science is a new branch of study which deals with scientific methodologies, processes, and techniques drawn from different domains like statistics, cognitive science, and computing and information science to extract knowledge from structured data and unstructured data. AI & DS technologies can do human work with more ease and efficiency. It is an important part of engineering. He has concluded his session with video explaining importance of AI & DS in our day-to-day life



This screenshot shows a Zoom meeting interface. The main window displays the title "Applications of AI" and a bulleted list of application areas: Banking and Finance, Transportation, Manufacturing, Retail, Healthcare, Recommendation Systems, and Space/ Agriculture Research. The top of the window shows the names of participants: Mr. Sandeep Shekar, 79-Saurabh Pande, Manasvi Khedkar, and Dinesh Zende. The bottom of the window shows the Zoom control bar with icons for Unmute, Start Video, Security, Participants, Chat, Share Screen, Record, and Reactions. On the right side, there is a "Participants (219)" list with a search bar and a list of names including Mr. Sandeep Shekar, Dinesh Zende, Dr. Aparna Sajja, and others.

This screenshot shows a Zoom meeting interface. The main window displays the title "About the Department of Artificial Intelligence and Data Science" and a bulleted list of department details: Established in 2020 with Intake capacity 60, Experienced and expert faculty members, Industry-oriented curriculum, Project Based Learning Approach, Center for Artificial Intelligence and Machine Learning, Center for Data Science and Statistical Methods, and Honor/Minor Program in Artificial Intelligence and Machine Learning and Data Science. The top of the window shows the names of participants: Mr. Sandeep Shekar, Dr. Nitin Shelke, (1369) Sayali Jagad, and 1351 Khamkar. The bottom of the window shows the Zoom control bar with icons for Unmute, Start Video, Security, Participants, Chat, Share Screen, Record, Reactions, and More. On the right side, there is a "Participants (214)" list with a search bar and a list of names including Mr. Sandeep Shekar, Dinesh Zende, Dr. Aparna Sajja, and others.

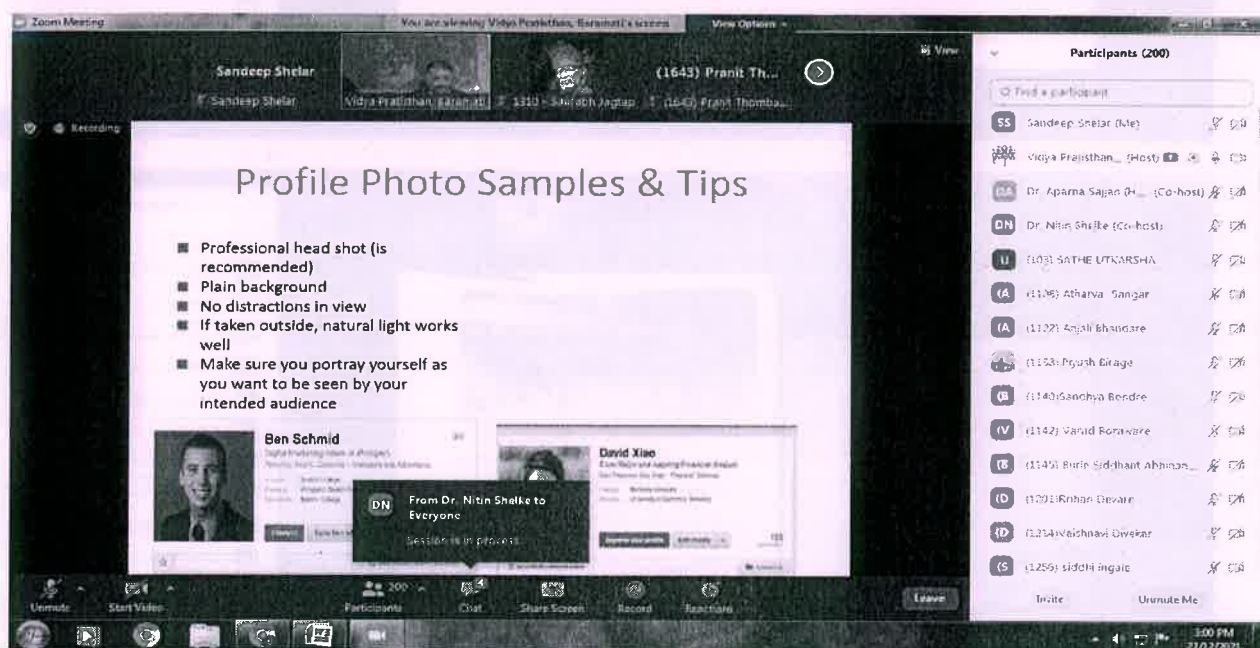
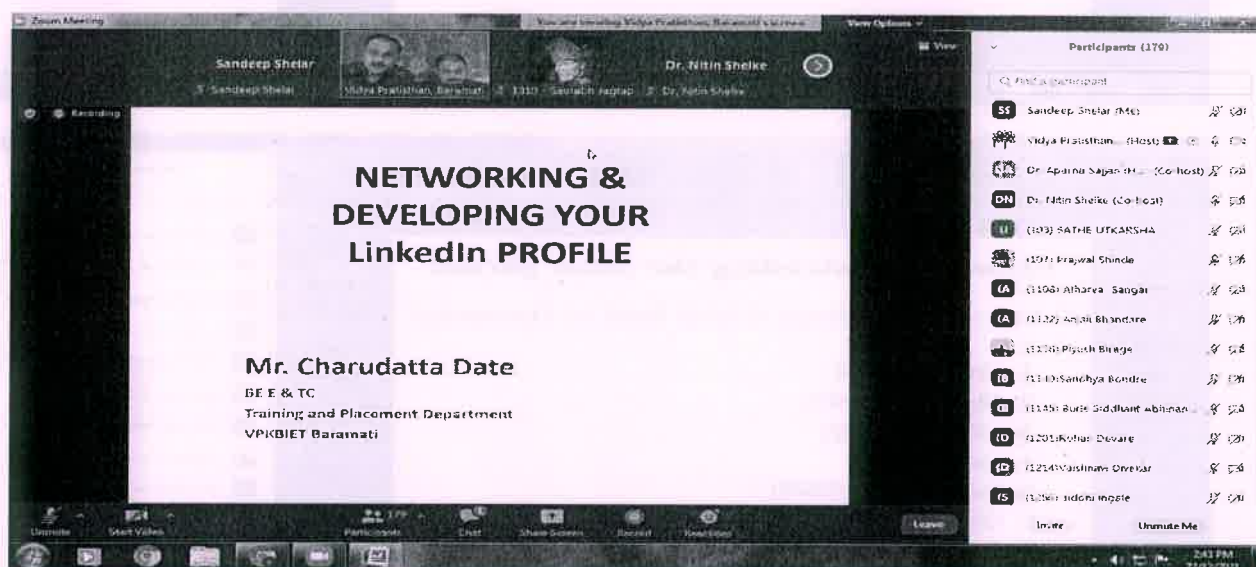
The **fifth session** of the FE Student induction program was started with a delightful session of “**Networking & Developing your LinkedIn Profile**”. The session was conducted by staff of Department of Training & Placement **Mr. Charudatta Date**. The session was about the importance of LinkedIn Profile. He has explained how to create a profile on LinkedIn website, job profiles have become an important part of our day-to-day life. The capable LinkedIn website & profile doing human work with more ease and efficiency. It is an important part of engineering.

The same session was continued by **Mr. Deepak Sonawane**. He gave the information about the **National Service Scheme** for first year engineering students.



He had also explained how to understand other people with the example of various forms of the Hare-Tortoise story. He added that Team work and individual contributions are very much important for making an event/camp a successful one. He has concluded his session with several images and explaining the importance of NSS schemes in our day-to-day life. He then continued his talk about the moral values to be followed by each and every human being and how-to live-in harmony with others.

Glimpse of the Day:



The **sixth and the last session** of the FE Student induction program was started with a delightful session of “**Center of Excellence, IPR & Research**”. The session was conducted by faculty of department of E&TC Engineering **Mr. Shashank Biradar**. The session was about the importance of the Center of Excellence in Engineering and the centres developed at VPKBIET. He has explained physical or virtual center of knowledge concentrating existing expertise and resources in a discipline or capability to attain and sustain world-class performance and value. He has concluded his session with several types of centers of excellence.

Centers (of Excellence)

**Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering & Technology Baramati**

Shashank Biradar
CoE Coordinator | Assistant Professor |
Electronics & Telecommunication Engineering | VPKBIET, Baramati
Phone: 02112 239 525
Mobile: 9411 9822 55192

R & D Committee

- R&D Networking
- Centre of Excellence
- Intellectual Property Rights (IPRs)
- Funding & Grants
- Publications
- R&D Skill Developments
- EDC & Incubation

Participants (168)

Participant ID	Name	Status
SS	Sandeep Shelar (Me)	✓
VB	Vidya Pratishthan Bar... (Host)	✓
SB	SHASHANK D. BIRADAR	✓
DA	Dr. Aparna Sajjan H... (Co-host)	✓
DN	Dr. Nitin Shelke (Co-host)	✓
U	(107) SATHE LITKARSHA	✓
IA	(1122) Anjali Bhandare	✓
ID	(1142) Varad Boraikare	✓
ID	(1201) Rohan Devare	✓
IS	(1208) Akanksha Sanjay Dhanale	✓
ID	(1214) Vaishnavi Divakar	✓
IS	(1267) Sayali Jadhav	✓
U	(1301) Vaibhav Jadhav	✓
V	(1302) Vedika Jadhav	✓
IS	(1316) Sanku pyadand	✓



The screenshot shows a Zoom meeting window. At the top, there's a header with the meeting title 'You are viewing SHASHANK D. BRADAR's screen'. Below this, there's a list of participants: Sandeep Shekar, 1373 Sakshi Iem..., [1207]SUNIL D..., and SHASHANK D. B... On the right side, there's a 'Participants (156)' panel showing a list of participants with their names and status. In the center, there's a table with two columns: 'N.' and 'Name of the CoE' and 'Department'. The table lists various CoEs and their departments, such as 'Center of Excellence for C++, JAVA', 'REDHAT Academy', 'Center for AWS Cloud Computing', 'Center for Big data and Hadoop', 'Center for Enhancement of Aptitude', 'Industrial and Product Design (Thinking)', 'Python Basic to Advanced', 'Center of Excellence for Animation', 'Center for Data Science', 'Center for R Programming', 'Import Substitution', 'Smart Innovation Center', 'Center of competitive exams and career options', 'VLSI DESIGN', 'Center for Advance Network Communications', 'Center for Agricultural Technology (CAT)', 'Center of excellence for IoT', 'MARVEL', 'Digital Electronics Design', 'Center of Excellence for Biomedical Image Processing', 'Digital System Design Centre', 'Center for Machine Vision', 'Antenna Design and Communication system', and 'E&TC Engineering'.

N.	Name of the CoE	Department
11	Center of Excellence for C++, JAVA	Computer Engineering
12	REDHAT Academy	
13	Center for AWS Cloud Computing	
14	Center for Big data and Hadoop	
15	Center for Enhancement of Aptitude	
16	Industrial and Product Design (Thinking)	
17	Python Basic to Advanced	
18	Center of Excellence for Animation	
19	Center for Data Science	
20	Center for R Programming	
21	Import Substitution	E&TC Engineering
22	Smart Innovation Center	
23	Center of competitive exams and career options	
24	VLSI DESIGN	
25	Center for Advance Network Communications	
26	Center for Agricultural Technology (CAT)	
27	Center of excellence for IoT	
28	MARVEL	
29	Digital Electronics Design	
30	Center of Excellence for Biomedical Image Processing	
31	Digital System Design Centre	
32	Center for Machine Vision	
33	Antenna Design and Communication system	

Day 12

Date: Tuesday, 28 Dec 2021

An important session on SPPU-Examination was scheduled. Mr. D. S. Sonawane introduced the institute **CEO Mr. Shantanu Jagadale**. The CEO nicely explained the SPPU examination system for the FE as per the latest 2019 credit pattern. He also explained the proctored online examinations and the guidelines to be followed without any malpractices. He also gave information about the consequences of the malpractices done by the students during online examinations. He gave the step-by-step procedure to fill the examination form with a demo.

End of Phase II


Extended SIP Sessions

Day 13

Date: Tuesday, 08 Jan 2022

An important session on **Use of Turnitin Software** was scheduled. Ms. Gauri Bhoite introduced the institute **Turnitin Software coordinator Dr. Nitin Jadhav**. He explained the importance of research and all the related important aspects including plagiarism and the precautions to be taken towards ethical implementation of research. He also informed about the consequences of copying others' work by taking an example of a research paper. FE HoD Dr. A. G. Sajjan gave the concluding remarks. Mr. D. S. Sonawane offered the vote of thanks.





Approaches of plagiarism

VPKBIET-Baramati


Two Approaches of plagiarism


Intentional

- Copying a friend's work
- Buying or borrowing papers
- Cutting and pasting of text from others sources without documenting

Unintentional

- Careless paraphrasing
- Poor documentation






How to Check Plagiarism

VPKBIET-Baramati

- ❖ There are many tools to check Plagiarism like Turnitin Urkund Grammarly etc
- ❖ It is an urgent need to inculcate writing ethics and drafting values in the modern generation as the copy and paste trend has much more increased in writing in any document.
- ❖ We at VPKBIET purchased Turnitin software and given subscription to all faculty and students
- ❖ So lets understand how to subscribe Turnitin software and create your user account using Turnitin.
- ❖ And how to check plagiarism in your document



Day 14

Date: Friday, 21 Jan 2022

Awaited session on “**Importance of Mathematics for Engineers**” by **Dr. Anil Hiwarekar** was conducted in which he elaborated the relevance of Mathematics to Engineering. He gave the multidisciplinary use of Mathematics. He also explained how mathematics plays an important role in emerging technologies like data science. The speaker also gave the details of the video lectures uploaded by the VPKBIET faculty on YouTube with the channel list. HoD Dr. Sajjan gave the concluding remarks. Mr. D. S. Sonawane introduced the speaker and also offered the vote of thanks.



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Undo Clipboard Font Paragraph Drawing Spelling Designer

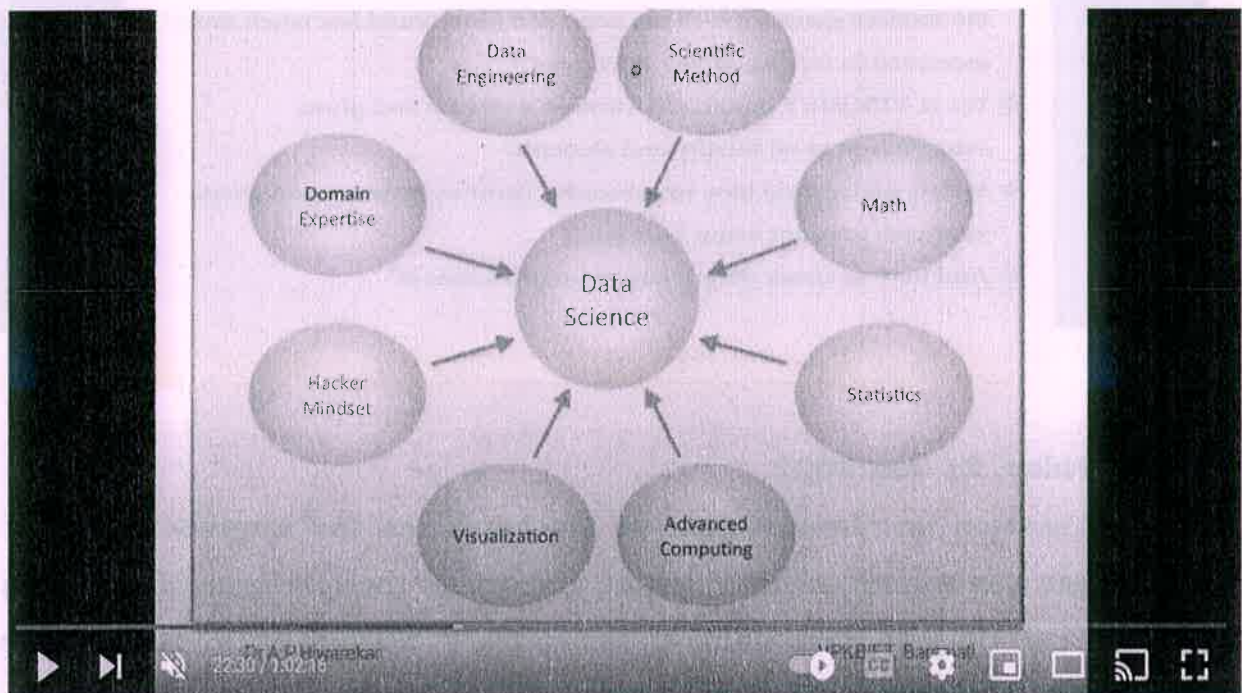
Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati.

Importance of Mathematics for Engineers

Center of Enhancing Teaching and Learning

Dr. A. P. Hiwarekar, Professor of Mathematics
(Dean Academics)
(VPKBIET, Baramati)
E-mail ID: hiwarekar@vpkbiet.org and hiwarekar@vpkbiet.org
21 Jan. 2022

0:04 / 1:02:16



YouTube VLs

- ❖ YouTube Channel (500 VLs for FE Students)
- ❖ Total VLs For Engg. Maths: 200 (Topic wise)
- ❖ 1124+ Subscribers (Approx.)
- ❖ Views 58,079
- Views: More than 500 (16) More than 1000 (26)
- ❖ Watch Time: (2836.3 Hrs.)
- ❖ Available on SPPU Web.



D. Sonawane

Mr. D. S. Sonawane
FE SIP Coordinator

A. G. Sajjan

Dr. A. G. Sajjan
HoD FE

R. S. Sane

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First Year
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