



**Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati
Report on FE Induction Program 2020-21**

Day-1

Date- 02/02/2021

The sessions were conducted under first year induction program, by Department of General Science and Engineering of VPKBIET, Baramati. The sessions were conducted in online mode on ZOOM and YouTube live streaming platforms.

Session 1 –Inauguration Program

The session started at 10.00 A.M. In this session Mrs. Monali More introduced Hon. Principal, Dr. R. S. Bichkar, Heads of Departments and Deans. The session included inauguration followed by announcement of last year toppers and the Best Class award by Mr. Deepak Sonawane.

In this session FE 2019-20 topper Mr. Prathmesh More expressed his views on education and academic delivery process in VPKBIET. Class representative of FE 4 Mr. Pratik Mahajan expressed his views on best class system. After that, two alumni Kalpesh Shah and Abhisekh Mankar shared their experiences about VPKBIET. 340 students attended the program.

Session 2- HoD's presentation and Principal's address

Session 2 started with the presentation by the Head of Department, Dr. Anil Hiwarekar. In his presentation, Dr. Hiwarekar interacted with students and provided information about the achievements of the Institute, efforts made by VPKBIET, E-content and expected target etc. It was followed by Principal Dr. Bichkar Sir's address. In his address, he welcomed the students and provided information about various courses conducted by Centers of Excellence. Mrs. Gauri Bhoite expressed the vote of thanks. 330 students were present for the session.

Session 3-Mentor system / Identity card /Attendance /Contact details

In this session Dr. Aparna Sajjan briefed students about coordinator, class-teacher and mentor system. Dr. Nitin shelke provided information about the attendance system. The session ended with presentation by Mrs. Farzana Shaikh on Identity card and Best class system. 275 students were present for the session.

Session 4- Introduction to Python

Speaker- Mr. P. T. Raut

In this session, Mr. P. T. Raut (Assistant Professor, Department of Computer Engineering, VPKBIET, Baramati) conducted a session on introduction to Python and the history behind

naming it etc. He also taught students about Sample codes, Coding on Pydroid app etc. 247 students attended the session.

Session 5 –Honours/Minors Degree/Add-on courses

Speaker- Mr. D. M. Padulkar

Mr. D. M. Padulkar (Assistant Professor, Department of Computer Engineering, VPKBIET, Baramati) briefed the students about Honours, Minors Degree courses, Add-on courses etc. 299 students were present for the program.

Session 6 – Interaction with Class Teachers

In this sessions, Class teachers interacted with their respective classes on Google meet or Zoom. Report for this session is as follows.

FE I - Cancelled due to meeting.

FE-II – Class teacher Mrs. J.S. Kulkarni interacted with students about various issues like queries related to hostel admissions, Honours and minors degree courses, overall feedback about first day of induction program etc. 52 students were present for the class.

FE-III- Cancelled due to technical problems.

FE-IV - Class teacher Dr. Nitin Jadhav interacted with the students. They discussed various topics like best class system, scholarships etc. 42 students were present for the class.

FE-V – Class teacher Mrs. Gauri Bhoite and other mentors Mrs. Farzana Shaikh and Mr. Pravin Dhandore interacted with the students. 55 students attended the class.

FE-VI - Class teacher Mr. Kaustubh Raut arranged this session. He interacted with students, discussed about first day of induction program, students' introduction etc. 32 students attended the class.

Date: 03/02/2021

Induction Program: Day 2

The session started with the expert talk of the HOD of the General Science Department, Dr. Anil Hiwarekar. He started with the introduction of all faculty members along with non-teaching staff with the students. He also explained the structure of the subjects, examination system and marking scheme. Overall structure of the engineering course like mark distribution in End-Sem Exam, In Sem Exam, Practical and Term work. He explained the rules for passing in all the semesters. He briefed the result analysis of the last 3 years, motivated students by clarifying their doubts regarding adjustment in the new environment of the college and study strategies. He also mentioned the importance of attendance in the academic performance.

The next session was conducted by Mr. Vinod Todkari. He elaborated various types of the aptitude patterns being focused on the Number series, Alphabet analogy and Word analogy. Mr. Todkari explained the different methods by using which students or any competitive examination aspirant can easily get an answer of the aptitude question.

Next session was conducted by Mr. Nattu Nitve from Electrical Engineering Department. In his session, he taught various Yoga pranayams and breathing exercises. Students enjoyed his session and as per the instruction they performed the yogic kriya from their place. Anulom vilom, breathing exercise and many more exercises were performed by students and faculty during this session.

Next session after lunch break was conducted by Mr. Avinash Kolekar. He explained the mentoring system of the college where students can share difficulties with their mentors. Self-learning process was elaborated by him in which, he covered the areas like library, digital library, web-based learning, centres of excellence and professional bodies. He provided the information about cultural programs, sport activities and extra-curricular activities of the college. He also provided the information about various committees in the college like anti-ragging committee, student council, internal complaint committee so that students can feel free to contact whenever necessary. Ms. Gauri Bhoite guided students about how to fill the form for Anti Ragging.

Last session was conducted by Dr. Nitin Shelake. He guided students about various scholarship opportunities. He also briefed the students about the requirements of various documents for both students from open category and also the students from other categories. He also explained the registration process on MAHADBT portal and creation of students' profiles. He also explained step by step login procedure for the scholarship.

Date: 04/03/2021

Prof. Santaji Shinde, Head Computer Engineering briefed about various facilities available in the Department and the activities performed at Computer Engineering Department.

Speaker: Mr. Anil Patil

Mr. Anil Patil guided the students about the online certification courses conducted by NPTEL and other MOOC platforms. He also guided the students about the entire enrolment process for the NPTEL course on Developing Soft Skills and Personality and also solved their doubts during the session. 374 students attended the session.

Speaker: Mr. Nilesh Pandhare

Next session was conducted by Mr. Nilesh Pandhare. He guided students on writing email. Mr. Natu Nitave conducted the session on Yoga. Then session of Dr. Rajveer Shastri was conducted. He guided students about various academic activities. Prof. Sonal Nikam enlightened students about internet of things. Students participated in all these activities.



Mr. Deepak Sonawane while felicitating Mr. Natu Narute



Students while performing the yoga

Day: 4 05/02/2021

The session started with the expert talk of the Head of Information Technology Department, Dr. Shital Takale. In her session, she started with the introduction of the all faculty members along with non-teaching staff with the students. Then she explained the structure of the subjects, exam system and marking scheme. Overall structure of the engineering course like mark distribution in End-Semester Examination, In-Semester Examination, Practical and Term work.

The next session was conducted by TPO of college Mr. Vishal Kore. In his session, he explained the importance of aptitude test and requirements for campus drive placement. Next session was conducted by Mr. Natu Nitve of Electrical Engineering Department and Mr. Vikas Bansode of Arts, Science and Commerce college. In his session, he taught various Yoga pranayams and breathing exercises. Students enjoyed his session and as per the instruction they performed the yogic kriya from their place. Anulom vilom, breathing exercise and many more exercises were performed by students and faculty during this session.

Next session was conducted by Mr. Nilesh Pandhare. He guided students about various aspects of email writing and how to use it. He also guided the students on application writing. Last session was conducted by Dr. Balasaheb Patil. He guided students and briefed students about the importance of Matlab. He told the importance of discipline in life. He provided the information, opportunities and applications of electronics in different disciplines of engineering.

Day-5

Date: 06/02/2021

The sessions were conducted under first year induction program, by Department of General Science and Engineering of VPKBIET, Baramati. The sessions were conducted in online mode on ZOOM and YouTube live streaming platforms.

Session 1 –Expert talk by HOD Of E&TC

Session 1 started with the presentation by Head of Electronics and Telecommunication Engineering Department, Dr. Sudhir Lande. He was introduced by Mr. D S Bhosale. In his presentation, Dr. Lande interacted with students and provided information about the achievements of the Institute, Departmental achievements, efforts taken by VPKBIET, E-content and expected target etc. 340 students attended the session.

Session 2 – Session on IIIC

In this session Dr. Dinesh Hanchate (Associate Professor and Dean/Head IIIC, IEEE) made a presentation on different opportunities available in industry. The session ended with vote of thanks by Mr. D.S Bhosale. 275 students were present for the session.

Session 3 – Session on Yoga

Speaker- Mr. Natu Nitve

In this session, Mr. Natu Nitve introduced the different activities of Yoga. He delivered the speech on importance of yoga in human life. Many students benefitted from this session. 247 students attended the session.

Session 4 – Importance of Mathematics

Speaker- Dr. Anil Hiwarekar

In this session, Dr. Anil Hiwarekar (HoD, FE) provided the information about importance of mathematics in Engineering education. He briefed the students about the syllabus and weightage of marks in the examination. Mr. D. S. Bhosale expressed the vote of thanks. 312 were present for the session.

Session 5 – Interaction with Class Teacher

In this sessions, class teachers interacted with their respective classes on Google meet or Zoom. They guided the students about various academic activities, importance of attendance in classes and also the mentoring system.

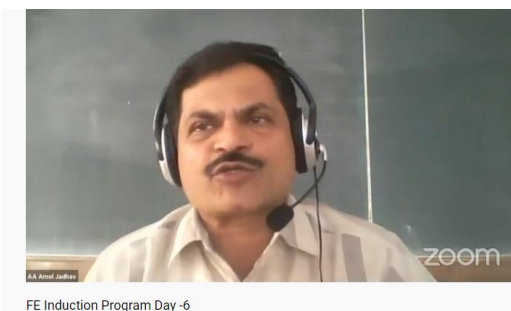
Session 6 – Test on Basic Mathematics

In this session, the test on Basic Mathematics was conducted by teachers of Mathematics.

Day-6

Date- 08/02/2021

Session 1 –Expert Talk



FE Induction Program Day -6



The sessions started at 10.00 A.M. In this session Mrs. Varsha Surwase introduced the Head of Mechanical Engineering Department, Dr. P. Chitragar. Dr. Chitragar briefed the students about the Departmental activities. 394 students were present for the session.

Session 2- Information on Various Competitions

Session 2 started with the presentation by Dr.Chaitanya Kulkarni. In his presentation, Dr. Kulkarni interacted with students and provided information about Smart India Hacakthon, Techfest, e- Yantra Robotics Competitions, Toykathon and Avishkar Dipex organised by IIT Bombay. 330 were present for the session.

Session 3-Yoga

In this session Mr. Natu Nitwe guided the students about the importance of Pranayama and also taught the students Pranayama. 275 attended the session.

Session 4- Robotics and Automation

Speaker- Mr.Vinod todkari

In this session, Mr.Vinod todkari provided the introduction to Fundamentals of Robotics and Components required for Mechanical Engineering. 370 students were present for the session.

Session 5 – Energy Conservation

Speaker- Mrs. Pooja Jaiswal

In this session, Speaker's introduction was given by Mrs. Varsha Surwase. Mrs. Pooja Jaiswal provided information about Energy Conservation. She guided students about various ideas and projects on energy conservation. 334 students attended the program.

Session 6 – Effective Communication Skills

Speaker- Mr. N.S. Pandhare

In this session, Speaker guided students about the telephonic skills, placing calls, ending calls, transferring calls, answering wrong number call and telephone etiquette. 332 students attended the program.

Session 7 – Interaction with Class Teachers

In this sessions, class teachers interacted with their respective classes on Google meet or Zoom and guided the students about various academic activities.

Day-7

Date- 09/02/2021

Session 1- HoD's presentation and Hon. Principal's Address

The sessions started at 9.40 a.m.. Session 1 started with the presentation by the Head of Civil Engineering Department, Dr. Giridhar Narule. In his presentation, Dr. Giridhar Narule interacted with students and provided information like faculty details, placements details, students' achievements, career opportunities in Civil Engineering and also the information about various courses conducted by Centers of Excellences available in Civil Engineering Department. 412 students were present for the session.

Session-2- F Y Induction Program by MACCIA (Maharashtra Chamber of Commerce, Industry and Agriculture)

Speakers- Subhod Gadgil, Archana Lalge, Manish Patil

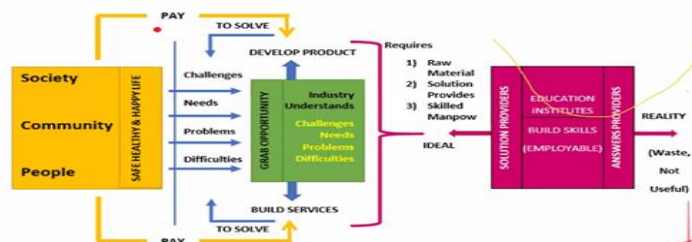


MACCIA (Maharashtra Chamber of Commerce, Industry and Agriculture) guides on empowering industries to develop innovative, affordable and sustainable products and also provide solutions and supporting industries to solve business problems by engaging trained local young task force.



JUGAADFUNDA through its innovation management software engine, is positioning to interconnect key stakeholders society, academics, young minds, institution, Government, Academic bodies, corporate, research laboratories, Business incubators, Inventors, and Mentors are the stake holders. Each stakeholder has equal opportunities to fetch benefits from mutual interest. It is truly innovative echo system for building entrepreneurial mindset and nurturing skills to match industrial expectations. Focus of this institution is to provide pool of solution providers that shall contribute to nation. These resources persons guided students about various innovative programs.

Society-Industry-Education Interaction



Key Employability Skills:

The speaker Mr. Manish Patil provided information about necessary employability skills like confidence, verbal and written communication, team work, listening and interpretation, analytical skills, problem solving ability, interdisciplinary approach, time management, commercial awareness.

JUGAADFUNDA have their own product such as Business solution polyclinic program, Industry connect internship program, Industry Readiness internship program, Enhancing Employability Skills and Nurturing Entrepreneurial Mindset.

Speakers provided information about how India is expected to emerge as one of the leading economies in the world over the next decade. They also discussed about how Micro, Small, Medium, Enterprises (MSME) are expected to play the significant role in the emergence of Indian economy. These sectors contribute to 45% of industrial output, 40% export, employing 60 million people and creating 1.3 million jobs every year and producing 8000 quality products for Indian and international markets. 438 students were present for the program. In the next session, the test on English and Communication Skills was conducted and 396 students participated in the test.

Day: 8

10/02/2021

The session started with the expert talk of Dr. Nandakumar B. Wagh, the Head of Electrical Engineering Department. In his session, he explained the vision and mission of the Department. He provided information about Departmental faculty along with non-teaching staff of the Department. He also provided information about various laboratories and also the information about various activities conducted by Department along with the achievements of staff and students. He also provided the idea about various center of excellence (COEs) available in the Department.

The next session was conducted by Asst. Professor Dr. Vipin Gawande from Mechanical Engineering Department on 3D printing. In his session he provided information about what is 3D printing. He explained the complete process of designing a prototype of 3D printer through videos. He also elaborated on how 3D printer prints the objects. He also informed students to visit his center of excellence of 3D printing.

Next session was conducted by Mr. Natu Nitve from Electrical Engineering Department. In his session performed Yoga along with the students. Meditation, pranayama and breathing exercises were performed by him. Students enjoyed his session and as per the instruction given by Mr. Nitve students performed the yogic kriya from their place. 347 students were present for the session.

Next session was conducted by Hon. Principal, Mr. Rajveer Shashtri, Dean Academics, VPKBIET and Mr. Shashank Biradar. Dr. Shashtri explained the concept of Centre of Excellence (COE) along with various factors related to COE. Mr. Biradar informed about how these COEs help the students to carry out various innovative ideas. Hon. Principal briefed students about the concept, objectives and benefits of COE to the students. He also talked about all the COEs of the Institute from various Departments and also explained their importance.

Next session which was the interaction session was conducted by respective class coordinators with the students. During this session various students' issues were discussed and resolved.

Next session was conducted by Mr. P. T. Raut, Asst. Professor, Computer Engineering Department. He provided the introduction to Python programming language. He explained the features and limitations of Python as compared to other programming languages.

In the next session, online objective type test of students was conducted for Physics. Students were very much excited and actively participated in the examination.