

REPORT ON INDUCTION PROGRAMME

As per the AICTE guidelines, Three Weeks Induction Programme was conducted under TEQIP-III for the First Year B.Tech Students (2019-2020 Batch) from 29th July 2019 to 22nd August 2019 at Sardar Patel College of Engineering. The date wise details of the sessions conducted are given below.

29th July 2019

1. Introduction about the Institute & Programme

The Induction Programme for the First Year students commenced on Monday, 29th July' 19 from 9am in Room No. 119 at Sardar Patel College of Engineering.

First Year Co-ordinator Dr A. A. Bage, First Year Engineering, briefed about the Induction Programme, the schedule and its importance to the newly admitted students. He also briefed about the First Year Engineering Department.



Principal Dr. P.H. Sawant greeted the students and discussed about the history, vision and mission of the Institute and also about the Institute.



Head of the departments Dr. M. M. Murudi (Vice Principle and Head of Civil Engineering Department), Dr. Nilesh Raykar (Head of Mechanical Engineering Department) and Dr. Anupa Sabnis (Head of Electrical Engineering Department)

explained about their respective departments, vision and mission of the department, programs, curriculum, faculty, facilities etc available in the department.



Dr. Rahul Dahatonde, TEQIP-III Co-ordinator and TPO gave details about TEQIP-III and also about the training and placement activities conducted in the college. Shri.S.R.Vinerkar, Incharge Registrar briefed about the various sections in the office. Shri. S.J. Sawant, Librarian, gave the details about the library, books, e-books, journals, e-journals available etc.



2. **Skills for an Engineer**

Name of Speaker: - Dr. S.B. Rane

Dr. S.B. Rane delivered a session about technical skills, soft skills, communication skills, interpersonal skills etc. and briefly enlightened the importance of each.



3. **Enhancing Personal Effectiveness**

Name of Speaker: - Mr. Anil Patil

Mr. Anil Patil delivered a session about how to improve personal effectiveness knowing your strengths and weaknesses to become successful in life.



30th July 2019

1. Career, Entrepreneurship & Finance

Name of Speaker: -Prof. Hemant Kirkire

Prof. Hemant Kirkire about the meaning of entrepreneurship, Ideas of start-up, importance of believing in yourself and finance management. Entrepreneurial Finance is primarily for students who plan to get involved with a new venture at some point in their career - as a founder, early employee, advisor or investor. However, the session was also helpful for students interested in gaining a broader view of the financing landscape for young firms, going beyond the basics of venture capital and angel financing to look at venture debt, bank finance, corporate venture capital and receivables financing.



2. Technical Skills/Study Skills

Name of Speaker: -Prof. Sushma Wagh

Prof. Sushma Wagh enlightend the requirement of technical knowledge in industry apart from soft skill. And being an Engineer how your technical skill is going to help you grow personally and financially. She also explained about how technical skill can developed in once life. Prof. Sushma Wagh conducted the session on Technical Skills/Study Skills. The session outlined the methodical ways of studying and the skills required to be mastered.



3. Yoga Workshop

Name of Speaker: - Dr. Yadav

Yogacharya Dr. Yadav gave brief introduction about yoga. He and his team conducted yoga workshop for the students.



4. Fitness awareness

Name of Speaker: - Mr. Datta Gaikwad

Mr. Datta Gaikwad talked about importance of keeping oneself fit. He explained about healthy diet, different exercises, healthy habits, etc.



31th July 2019

1. Yoga Workshop

Name of Speaker: - Dr. Yadav

Yogacharya Dr. Yadav conducted yoga workshop for the students.



2. Team Building Skills & Motivation

Name of Speaker: -Dr. Sukhmeet

Dr. Sukhmeet delivered a lecture on team building skills. The lecture involved activity based learning/ demonstration about team building.



3. Briefing-Ubuntu

Name of Speaker: -Prof. Rukaiya Joshi

SPCE launched Ubuntu as a part of their induction programme for F.Y. B.Tech students. The students were introduced to the concept of ‘UBUNTU’ in the induction programme by Prof.Rukaiya Joshi from SPJIMR. She sensitized the students on how all of us are interconnected, we receive abundance from others and therefore it is our responsibility to also help others.



4. Interpersonal Skills

Name of Speaker: - Mr. Anil Patil

Mr. Anil Patil conducted a session about interpersonal skills, importance of teamwork, leadership, habits & responsibility. Strong interpersonal skills are a prerequisite for many positions in an organisation.



5. AERO CLUB/ISHRAE/TESA

The students of SPCE of respective discipline presented their projects which they made and presented in competition at State and National level.



1st August 2019

1. Communication Skills:

Name of Speaker: -Dr. Shyamlee Solanki

Dr. Shyamlee Solanki delivered a lecture on Communication Skills.



2. Diagnostic/Proficiency Test on Communication:

Name of Speaker: -Dr. Shyamlee Solanki

In this session, Dr. Shyamlee Solanki conducted Diagnostic Test for English.



3. Leadership Skills:

Name of Speaker: -Prof. David

Leadership is an ability to persuade others to seek defined objective enthusiastically.

In this session Prof. David explained the meaning of leadership, effective leader qualities of leadership.



4. Entrepreneurship Skills:

Name of Speaker: -Prof. David

Prof. David spoke about the skills required to be an Entrepreneur and discussed with the students about the success stories of various start-ups that have come up off late in India.



5. Talent Hunt:

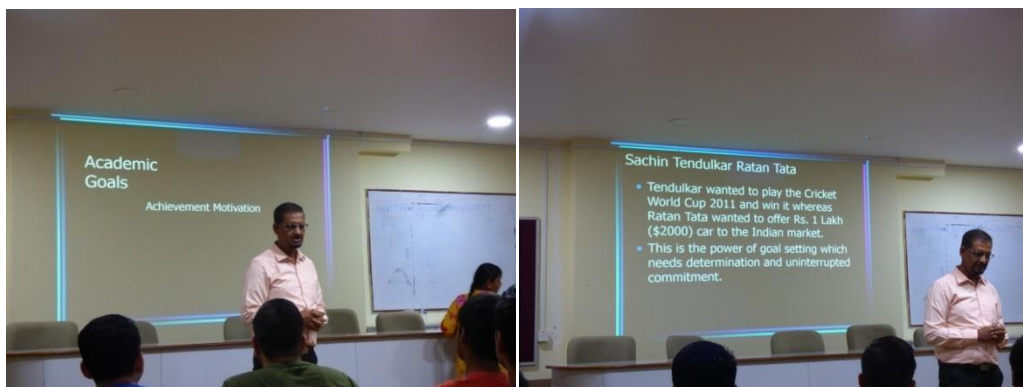
Student of SPCE conducted this session. The newly admitted students were given an opportunity to showcase their talent. They were also briefed about grooming their talent

2nd August 2019

1. Academic Goals-Achievement Motivation

Name of Speaker: -Mr. Sauri Dass

Mr. Sauri Dass delivered a session about setting goal which needs determination and commitment and motivated students by giving examples of sports person, businessmen.



2. Gender Equity

Name of Speaker: -Prof. Charu Sabnavis

Prof. Charu Sabnavis discussed about what holds back women from achieving their potential. She also discussed about the factors in society which affects women to take decision.



3. Challenges of Sustainable Development

Name of Speaker: -Mr. Anand Kurien

Mr. Anand Kurien discussed about mega challenges faced by society and business, sustainable development, importance for business, subject relevant to engineers, response of governments internationally.



4. EESA/MESA/CEA/TALENT Hunt (Sports):

Student council of SPCE conducted this session. The newly admitted students were given an opportunity to showcase their talent. They were also briefed about grooming their talent.

6th August 2019

1. Yoga Workshop

Name of Speaker: - Bhavan's Yoga Bharti

Yogacharya Dr. Yadav conducted a yoga session for the students.



2. Introduction to Drama And Acting

Name of Speaker: - Mr. Vijay Kavish

Mr. Vijay Kavish gave a brief introduction on Drama and Acting.



3. Innovation-The Key to Growth in the 21th Century

Name of Speaker: - Mr. Anand Kurien

Mr. Anand Kurien gave a brief introduction about the learning skills, ecological and technological innovation.



4. Student Excellence & Learning Programme(SELP)

Name of Speaker: - Vyakti Vikas Kendra

This program help to develop personality eliminate mental stress and improve the physical help of students. This module also help stimulate the learning capabilities of students, stress-free, lack to reach their actual capabilities and thus helping students to enhance their academic performance and develop their soft skills, which is required ingredient to excel in life.



5. Start up Cell SPCE

Name of Speaker: -Prof. Bhavsar

Prof. Bhavsar conducted a session about start up cell that includes promoting new ideas, innovations and entrepreneurial culture among the faculties and students of the institute, faculties to convert their innovative ideas/problems to tech-solution with a feasible business model stage.



07th August 2019

1. Experience- Ubuntu

Name of Speaker: - Prof. Rukaiya Joshi

The students were given experiential learning by sending them to the neighboring bastis in the vicinity. The students went to 3 different bastis in groups to sensitize and spread awareness on the topics relevant to society, environment etc to people in the bastis in present socio-eco environment.



2. Debriefing- Ubuntu

Name of Speaker: - Prof. Rukaiya Joshi

After coming back the students shared/exchanged their experience. The students also gave their suggestions to make the programme more students friendly and effective.



3. Student Excellence & Learning Program (SELP)

Name of Speaker: - Vyakti Vikas Kendra

This program helped to develop personality, eliminate mental stress and improve the physical health of students. This module also helped stimulate the learning capabilities of students, stress-free, lack to reach their actual capabilities and thus helping students to enhance their academic performance and develop their soft skills, which is required ingredient to excel in life.



4. Introduction to Music

Name of Speaker: Ms. Saumya

Ms. Saumya gave brief introduction and understanding of the basic building blocks of musical theory and notation.

08th August 2019

1. Financial Goals & Methods to Achieve them:

Name of Speaker: - Mr. Milind Karmarkar

Mr. Milind Kamarkar delivered the session about business techniques & investment in various fields that would help in financial growth in future. He also discussed some examples regarding investment & saving .He shared his experience which will help the individual in his career.



2. Core Values and Attitude

Name of Speaker: - Prof .Rukaiya Joshi

The session was conducted by Dr. Rukaiya Joshi who talked to the students regarding the values one needs to have or develop which are essential in the overall development of an individual. She spoke about humanity, human nature, behaviour of an individual with others etc.



3. Drama Workshop

Name of Speaker: - Mr. Vijay Kavish

He conducted a workshop on drama and acting.



4. Student Excellence and Learning Program (SELP)

Name of Speaker: - Vyakti Vikas Kendra

This program helped to develop personality, eliminate mental stress and improve physical health of students.



5. Understanding of Bharatnatyam

Name of Speaker: - Dr. Naresh Pillai

Dr. Naresh Pillai conducted a bharatnatyam session.



09th August 2019

1. Yoga Workshop

Name of the speaker: Dr. Yadav

Yogacharya Dr. Yadav conducted a yoga workshop for the students in which he taught panchmahabhuta and panchpran.



2. Campus to corporate:

Name of the speaker: Dr. Sukhmeet

Dr. Sukhmeet conducted a session on soft skills program that helps students transition smoothly into corporate life.



3. Personality Development

Name of the speaker: Dr.Sukhmeet

Dr. Sukhmeet conducted a session on personality development and also conducted an activity.



4. Student Excellence and Learning Program (SELP)

Name of Speaker: - Vyakti Vikas Kendra

This program helped to develop personality, eliminate mental stress and improve the physical health of students. This module also helped stimulate the learning capabilities of

students, stress-free, lack to reach their actual capabilities and thus helping students to enhance their academic performance and develop their soft skills, which is required ingredient to excel in life.



5. Photography Workshop

Name of the speaker: Mr. Satish Naik

Mr. Satish Naik conducted a session on introduction of photography and he briefed about various technique, cameras, lenses and other important things.



13th August 2019

1. Start-up incubation on campus

Name of the speaker: Prof. K.T. Talele

Prof. K.T. Talele spoke about Technology Entrepreneurship. He also informed about difference between invention and innovation. He gave some examples about different innovative ideas that have been performed by students.



2. Self Awareness and Positive Skills

Name of the speaker: Ms. Mona Upadhyay

Ms. Mona Upadhyay conducted a session on self awareness and discussed it in detail. Also she discussed various methods, techniques to improve it.



3. Student Excellence and Learning Program (SELP)

Name of the speaker: Vyakti Vikas Kendra

This program helped to develop personality, eliminate mental stress and improve physical health of students.



4. Performing Arts Workshop

Name of the speaker: Ms. Kruthika

Ms. Kruthika taught about performing arts by conducting fun activity, Zumba dance and acting.



14th August 2019

1. Industry Visit

An industrial visit was arranged on 14th August 2019 to Water treatment plant at Bhandup for first year B.Tech students as a part of induction programme. Prof. Sangeeta Daingade and Prof. Ankit Asher and the students from Civil Engineering, Mechanical Engineering as well as Electrical engineering branches of F.Y.B.Tech attended the visit. The visit started at 10.00 AM and got completed by 3.30 PM

The visit began with understanding the entire line diagram of flow from the lakes supplying water to Mumbai till the point where the treated water is delivered to consumers from Master balancing reservoirs in different wards. The students were then shown various units at the old treatment plant of 1910 MLD capacity namely – Inlet bay, Polyaluminium chloride dosage unit, clariflocculators, rapid sand filters and quality control laboratory. The function, components and operation procedure for each of these units was explained in detail by the technical staff at the plant. Backwashing operation and various quality control parameters to be maintained in the QC lab were also shown. Supervisory control and data acquisition (SCADA) system and the use of programmable logic controllers (PLC) in monitoring level, flow and pressure of entire network of water supply to Mumbai was explained in detail.

After the students got an understanding of the old treatment plant, a visit was made to the new treatment plant of 900 MLD capacity. The students were shown the pumping units, Pulsatube units for sedimentation, Aquazur-V filters, sludge recycling units, various components of instrumentation and automation of these units were introduced to students and the advances in technology adopted in the new plant as compared to the old one were also explained.



The visit was a fruitful one for the students as they not only got to know the state-of-the-art technologies being adopted in the respective fields of their study but also helped them to develop an idea about the inter-relation between the works of different branches of engineering. It also helped them to get an idea about the actual scale and level of engineering projects and yet the level of accuracy to be achieved in the large scale works was stressed upon.

16th August 2019

1. Project Management –Professional Practices

Name of Speaker: - Dr. S. B. Rane

Dr. Rane gave a brief introduction about initiating, planning, executing, controlling and closing of work. He also discussed how to achieve project goals.

2. Student Excellence and Learning Program (SELP)

Name of Speaker: - Vyakti Vikas Kendra

This program helped to develop personality, eliminate mental stress and improve the physical health of students

3. Time Management Skills

Name of the speaker: Mr. Anil Patil

Mr. Anil Patil conducted a session about importance of time management, need of time management, benefits of time



4. Yoga Workshop

Name of Speaker: - Bhavan's yoga bharti

Yogacharya Dr. Yadav conducted a yoga session for the students.



19th August 2019

1. Are We Future Ready?

Name of the speaker: Mr Sauri Dass

Mr Sauri Dass briefed about the revolutions that is reshaping the way we interact with people.



2. Art of Script Writing

Name of the speaker: Mr. Subhankar Ghosh

Mr. Subhankar Ghosh gave a brief introduction about script writing and conducted an activity.



3. Coping with Challenges

Name of the speaker: Dr. Shobha Nair

The session was conducted by Dr. Shobha Nair who emphasised on the various techniques to cope up with challenges.



4. Orientation Program

Name of Speakers: Prof. S.G. Barot, Ms. Divya T.A. and Dr. Jayram V. Gholave

Prof. S.G. Barot gave an orientation lecture on engineering mathematics. Prof. Ms. Divya T.A. gave an orientation lecture on Applied Physics. Dr. Gholave gave an orientation lecture on Applied Chemistry. All the speakers explained about how the students should approach the respective courses.

20th August 2019

1. Emerging trends in Business

Name of Speaker: - Dr. Srinivasan

Dr. Srinivasan conducted the session on Business Professionalism. The Session revolved around the seven real life stories and each story had a powerful lesson behind it.



2. Emotional Intelligence

Name of Speaker: - Ms. Monka Upadhyay

Ms. Monka Upadhyay briefed about the skills to handle emotions by practising self-awareness, learn to motivate yourself and infuse your emotion with values.



3. Introduction to Disaster Management

Name of Speaker: - Dr. Chandratre

Dr. Chandratre conducted a session on importance of disaster management in today's life. He has explained about various causes of disaster & preventive measures.



4. Performing Arts Workshop

Name of Speaker: - Ms Kruthika

Ms Kruthika had conducted an activity and briefed about various dance forms.



21ST AUGUST 2019

1. Skills to manage emotions

Name of Speaker: - Mr. Neel Ramesh

Mr. Neel Ramesh conducted a session on techniques to manage emotions such as behaviour with others, politeness & patience to listen. He also focus on communication skills.



22nd AUGUST 2019

1. Enhancing Listening Skills-Art of Listening

Name of Speaker: - Mr. Neel Ramesh

Mr. Neel Ramesh conducted a session on techniques to manage emotions such as behaviour with others, politeness & patience to listen. He also focused on communication skills.



2. Performing Arts Workshop

Name of Speaker: - Ms Kruthika

Ms. Kruthika had conducted workshop on dance.

