

**B M S INSTITUTE OF TECHNOLOGY & MANAGEMENT
YELAHANKA,
BENGALURU-64
DEPARTMENT OF MECHANICAL ENGINEERING
REPORT OF THE E-STUDENT INDUCTION PROGRAM 2020-21
14/12/2020 to 17/12/2020
&
21/12/2020 to 22/12/2020**

Inauguration Session: The first day of the Induction Program started with the Inauguration session at 10.00 am. Following were involved in the inauguration program of the e-SIP and educated the students and their parents of first year about the BE course and its importance. This program was conducted in the CISCO-Webex platform. The objective of the program was to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large and nature. Members present were

1. Sri. M Madan Gopal, IAS (Retd.), Trustee, BMSET, Former Additional Chief Secretary, Government of Karnataka, Chairman, BOG, BMSIT&M and BMSSA
2. Dr. Mohan Babu G N, Principal, BMSIT&M
3. Dr. H K Govindraju, Vice Principal, BMSIT&M
4. Dr.Thippeswamy G, Dean (Academics), BMSIT&M
5. Dr.Manjunath T N, Dean (ER), BMSIT&M
6. HoDs of all the engineering and basic sciences departments.
7. Students who are admitted to the first year BE courses and their parents.

In this program, students were briefed about the department, Faculties, Technical Staff, Laboratories, Placement Details, Higher Studies, AICTE activity, MOUs, Faculty & Student achievements, Industry linkage, Departmental Fest and Best Practices. Also, few selected senior students and their parents - shared their feedback about the institution.

Dr. Thippeswamy G, Dean Academics, BMSIT and M addressed the students about BMSIT&M and its best practices from 10.30 to 11.20am.

This was followed by the placement coordinators Mrs. Ambika and Dr. Ganesh P addressing the students about placement cell, the various companies, placement trainings and recruitment process.

Department Presentation: In the afternoon session, the students were oriented towards Mechanical Engineering by Dr. K.M.Sathish Kumar Professor & Head, Dept. of Mechanical Engineering. HoD briefed the students about the Vision, Mission of the department, MoUs, facilities in the department, Technical Fest, VTU rules and regulations, PBLs, Open courses, proctoring and student workshops. All the faculty and non-teaching staff introduced themselves and educated the students about the various clubs and labs in the departments. A video of senior students' project was shown to them motivating them to enhance their skills and come up with good projects.

Physical Health and Related activities: Day 2 onwards, each day started with a physical and related activity from 8.30 to 9.30 am. The Sports department organized the following events at the Institute level as a part of Physical Health and related activities:

- Yoga session by Mr. Rahul Achar, Yoga teacher on 15th December 2020
- Aerobics class by Mr. Kiran kumar, Bangalore based choreographer, Dance educator and a fitness expert on 16th December 2020
- Aerobics class by Mr. Fredrick, Bangalore based Aerobic Dance educator and a fitness expert on 17th December 2020
- Zumba class by Mr. Kiran Kumar, Bangalore based choreographer, Dance educator and a fitness expert on 21st December 2020.

All The physical activities were well received by our students.

Proficiency Sessions: The Physical and health related activities were followed by Proficiency session on 4 days from 9. 30 to 10.30. The following Proficiency programs were conducted:

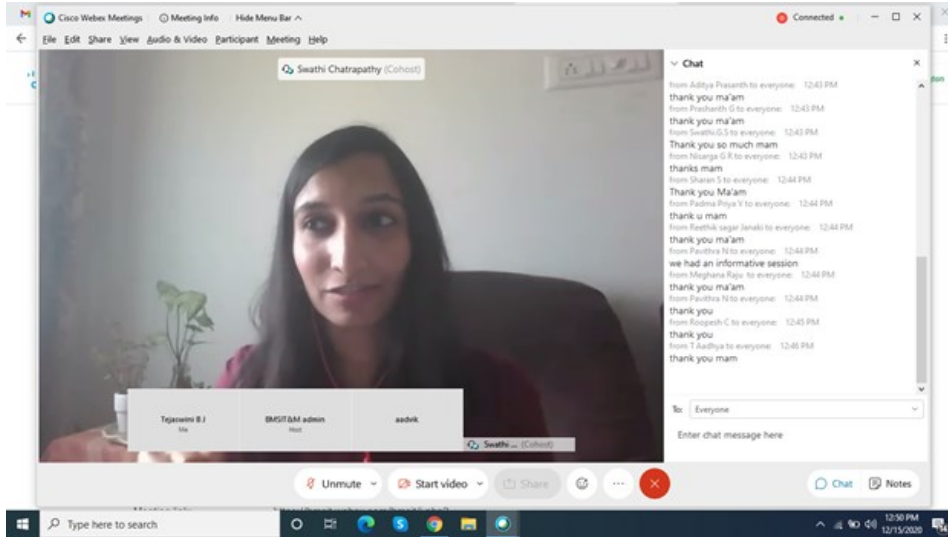
- The first proficiency session was on Technical English on 15th December 2020. Need for proficiency in English, Aim and Characteristics of Technical English, Importance of English for Engineers and Computer lab was given by Mr.Subhash.M.
- A Proficiency session on Computer Science was engaged by Dr. Mahesh.G and Dr. Satish Kumar.T of CSE Department on 16th December 2020. The presentation highlighted the

importance of Computers and Internet in engineering studies. A quiz was conducted on computer fundamentals and Internet.

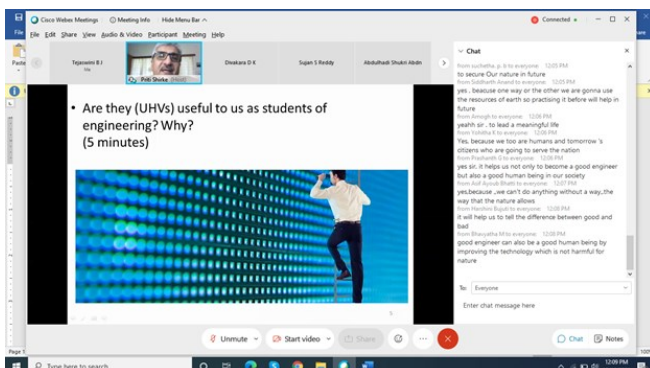
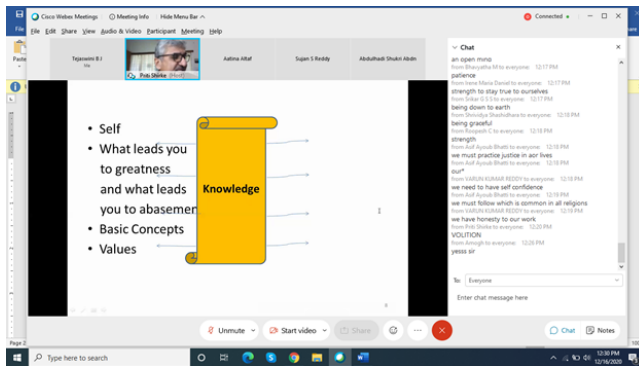
- Sri Ananta Shayana Dasa who engaged the session on Proficiency Module-Sanskrit Language on 17th December 2020. He is the Youth guide and personality development coach at ISKCON Bangalore. He has a vast experience of delivering talks to more than 10,000 youngsters on the topics of personality development, Youth empowerment, Happiness, Relationship Management, Mind Control, Work Life Balance & Spirituality. He is an electronics and communication engineer and has worked with Amazon as an Analyst. He delivered the talk on History, use of Sanskrit in the beauty of science and artificial intelligence. Also, he explained how the Sanskrit language is applied in Education methods and pedagogy. He has mentioned Citra-Kavitvani such as Chakra, Sarpa and Padma Bandhah. The session was wonderful and inestimable.
- Ms Sharayu Pradeep engaged the session on Proficiency Module-Mathematics on 22nd December 2020. She has completed her postgraduation from ISI, Calcutta and has worked in IT Companies such as TCS, Pricewaterhouse Coopers and also startups. She emphasized on Harappan Mathematics, Vedic Period, Sources of Vedic Mathematics, Sulbasutras such as Buhdayana, Manava, Apastamba and Katyayana. She also mentioned some of the concepts on Graha Ganitham or Astronomy and Surya Siddhanta.

Universal Human Values sessions were conducted on four days from 10.45 am to 1.00 pm. The activities conducted under Universal Human Values are as follows:

- Ms Swati Chatrapathy, TEDX speaker addressed the students on "How NOT to Look at Your Career" on 15th December 2020. She interacted with the students about their passion and conveyed through her talk that along with education and technical skills, values and soft skills are very important for a well-grounded personality. She interviewed Ms. Sandhya, head of Indiahikes, who is an engineer by profession, through which students could learn about the significance of passion to drama, art, music etc in a student's life. She motivated students to inculcate three values- Humility, being hungry (ambitious, enthusiastic to learn) and people smart.

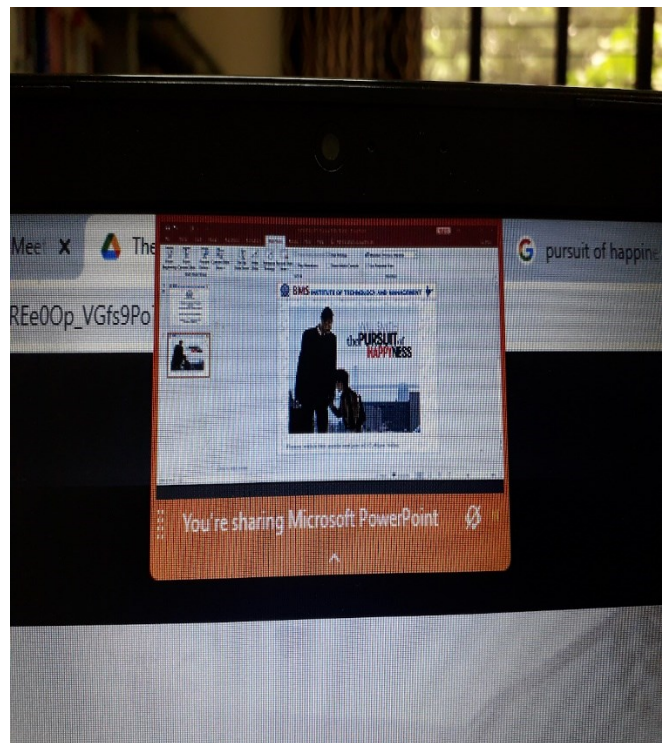
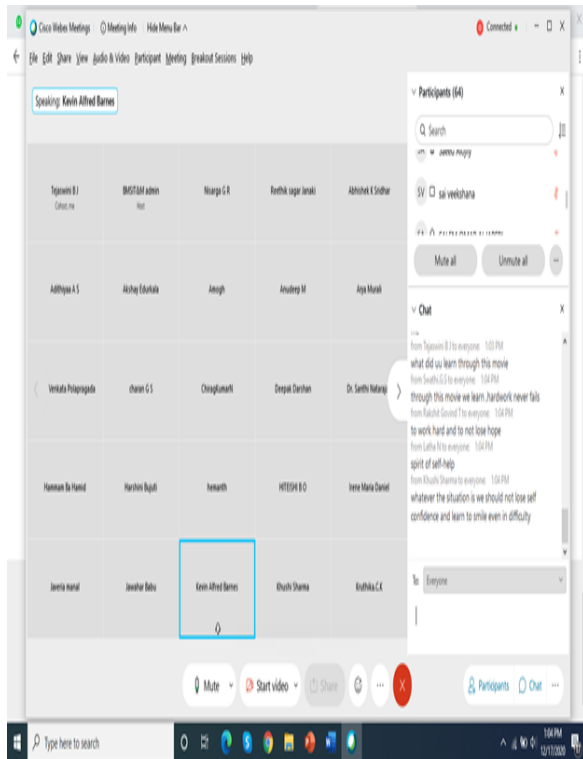


- On 16th December 2020, Dr. Lesan Azadi, Director of Baha’i Academy was the resource person who engaged the session on “Universal Human Values for Personal and Career Development”. The resource person interacted with the students pertaining to what are Universal Human Values, source of values, role of values in our personal and professional life. He focused on the values of Unity and Volition. The resource person conveyed the students to be interactive, look for positive things in every person, adopt and practice values and critically examine new technology from social, economic and environmental perspective. The session was interactive.



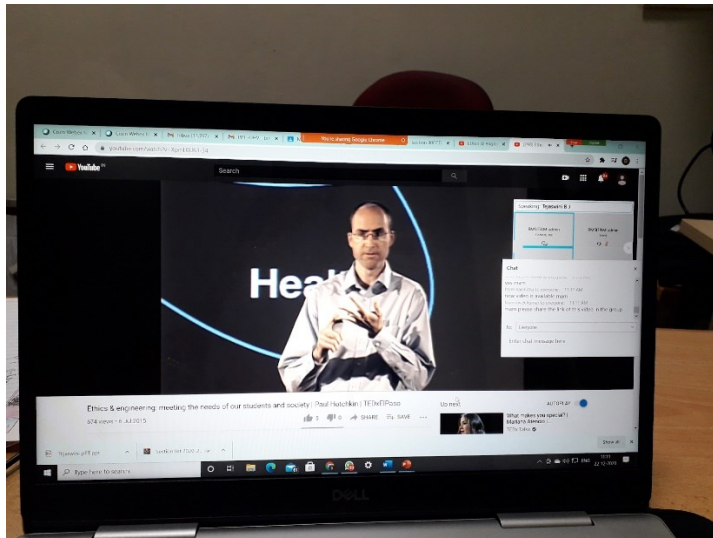
- Students were informed to watch the movie “The Pursuit of Happiness” from 10.45am to 12.45pm and join for group discussion at 12.45pm on 17th December 2020. The movie is based on struggles to succeed and be persistent with your goals.

Dr. Shanthi Nataraj, Associate Professor, Dept. of AIML and Mrs. Tejaswini B J, Assistant professor, Dept. of ME interacted with the students from 12.45 to 1.00pm. The students were asked to express their opinion about the movie and the values imbibed from the movie. The students spoke about what’s happiness, how to foresee the struggle to achieve something, keep dreaming and aim to attain the dreams. The students expressed that it was a self-provoking movie.

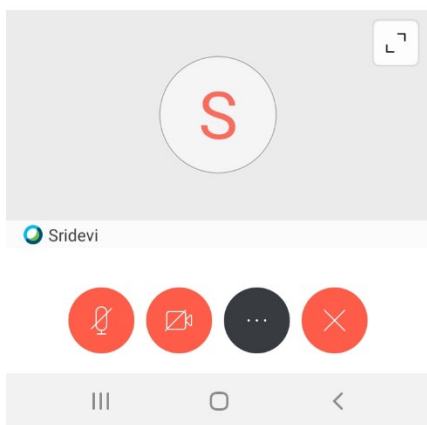
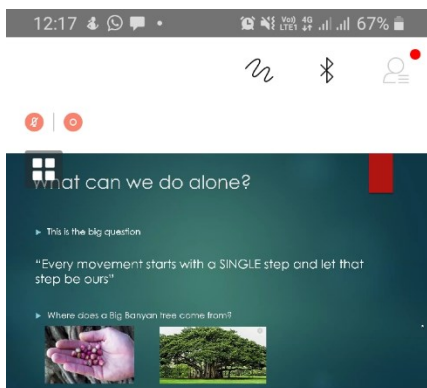


- On 22nd December 2020, Tejaswini B J, Assistant Professor, Dept. of ME, made a presentation on “Values and Ethics in Engineering- Case study”. The session focused on what are morals, values and ethics and as engineers what is the code of conduct to be followed. Students were given some case study and they answered what should be the right action of engineers.

Two TEDx videos on ethics and engineering and Digital ethics were played.

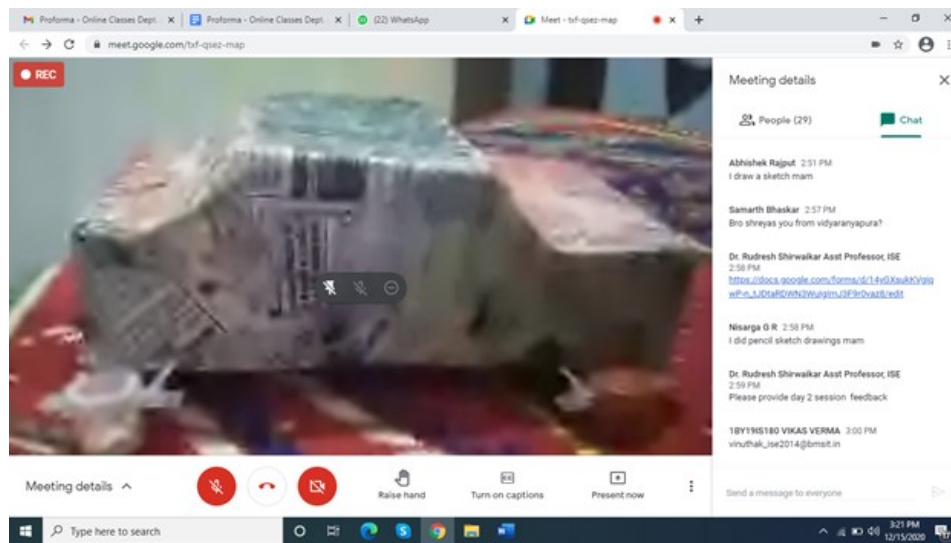


On the same day, Sridevi .M, Assistant Professor, Dept. of MCA gave a presentation on “Can we become a change maker” from 12.00 to 1.00 pm-. This session focused on addiction to screen, how to be human, how to change ourselves and the environment around us for a better living.



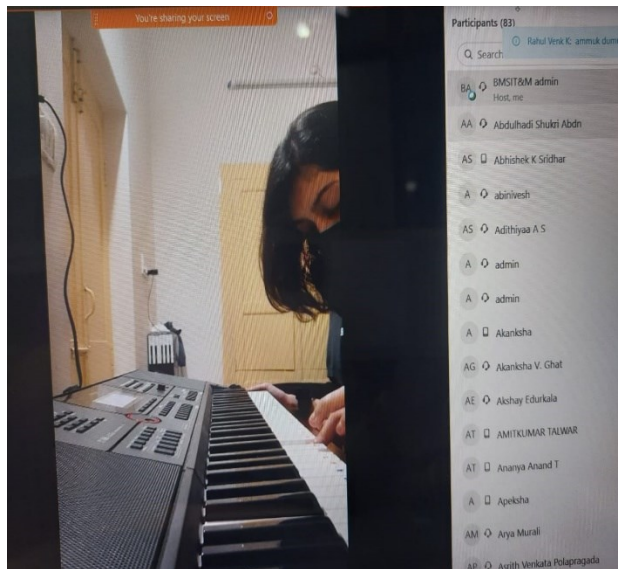
Cultural and Literary Activity was held on 15th December from 2.00 to 4.00pm. The Students of Me Dept. were combined with the students of ISE Dept. were asked to draw, sketch or create a model of their choice and showcase the same. They were guided by the senior students and faculty Vinutha from the dept. of ISE.

As a part of literary activity, students spoke on topics like role of education and impact of social media.



Students Cultural Performance: On 21st December 2020, students were given a platform to exhibit their talent. Each department were given specific slots to perform/exhibit their cultural and artistic skills. The Mechanical students performed from 1.30 to 2.00 pm. The following three students from the department gave the following performances-

- Sai Veekshana - Solo classical singing
- Bhoomika- Key board playing and pencil sketching
- Nishanth- Pencil sketching and shading



Proctoring: On 15th December 2020, O. Gurumurthy, Proctor coordinator of the department and Tejaswini B J, Class teacher briefed the students about the proctoring system in the department. The Objective of the proctoring, plan of action, roles & responsibilities was briefed to the students and were intimated to make best use of it.

Introduction to College level clubs: The brief introduction and activity details of various clubs and committees like Library, NSS, NCC, AICTE - student activity points, Red Cross, Photography, Eco club, Quiz Club, Rotaract club, Akshay Urjha club, Robotics club, Aero club etc was presented by the respective committees/ club coordinators.

Virtual tour of local areas & Places of historical importance: The students were informed to give a presentation on a local place and place of historical importance within their vicinity due to COVID threat. This was informed to the students priorly and they prepared a report and a PPT on places of local area and historical importance.

- Sai Veekshana presented and spoke about Mysore palace and shared her experience of interacting with senior citizens in her locality.
- Shreyas spoke on Kalikaparameshwari temple in Vidyanayapuram and its significance.
- Two students from Kashmir spoke on places of scenic beauty and tourist places in Kashmir.

Briefing of VTU rules: On the last day of the Induction program , ie 22nd December 2020, from 2.00 to 3.00 pm, Dr. Thippeswamy G, Dean Academics, BMSIT and M, addressed the students about the guidelines for their bachelor of engineering course at BMSIT and M, basic terminologies used during the tenure of the course they have opted for, Rules and regulations of BMSIT&M , VTU curriculum

and examination guidelines, CGPA, SGPA and tutorials. Conversion of CGPA to Percentage was explained in detail.

Shri Vishnudotha Das, resource person from ISKON delivered an enlightening talk to the students on 22nd December 2020, from 3.15 to 4.15 pm.

The six days Induction Program ended with a valedictory address by The Principal of BMSIT&M. All the deans, Hods and faculty were a part of this programme.