



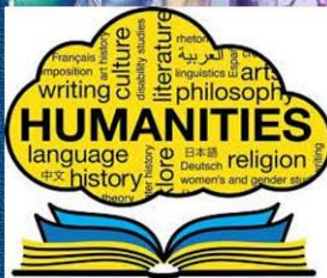
SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Engineering and Information Technology
An Autonomous Institute affiliated to University of Mumbai.
Accredited with A grade by NAAC and 3 programs by NBA, Approved by AICTE, New Delhi.



DEPARTMENT OF BASIC SCIENCEs & HUMANITIES (BS)

BS &H BYTES
BIANNUAL NEWSLETTER
JANUARY - JUNE 2021



*Vision Mission
Quality Policy
Objectives of the Institute*

Vision

To emerge as a synonym of quality, excellence, and commitment in the field of engineering education by unlocking potential, nurturing talent and transforming young minds to create future-ready engineers.

Mission

- To provide students with a thorough knowledge of engineering to refine their professional skills.
- To nurture creativity and innovation while encouraging multidisciplinary interaction.
- To train students to be industry ready and capable of working effectively as an individual and in teams.
- To inculcate ethical behaviour, responsibility, and commitment among students.

Quality Policy

- To conform to the requirements of regulatory authorities viz; All India Council for Technical Education (AICTE), Directorate of Technical Education (DTE) and UoM.
- To maintain transparency and fair practices in admission and recruitment processes.
- To ensure continuous evaluation and examination process.
- To ensure best academic ambience by providing high-end equipments in the laboratories, computers, learning resources and smart classrooms.
- To ensure a safe and secure environment for all stakeholders.
- To promote industry Institute interaction, research and development, placements, technical, co-curricular and extracurricular activities.

Objectives of the Institute

- To focus on persistent improvement in processes related to teaching, learning, and evaluation and to promote a culture of research and development among staff and students.
- To develop technical and interpersonal skills so that the students translate knowledge into action contributing to the benefit of the society.
- To enhance the learning experience of students by honing versatility through diverse activities.

Basic Science & Humanities

Vision

Department of Basic Sciences & Humanities tries to inculcate the knowledge of dynamic combination of science, technology and humanities by nurturing the basic technical skill-sets and honing professional decorum

Mission

- To promote ethical values and social responsibility through novel learning techniques in basic sciences and humanities.
- To improve logical thinking of students for knowing scientific truth, solving problems, and making good decisions.
 - To develop ethical sensibilities through value based education



The Department of **Basic Science and Humanities** started in the year 2001 as the First Year Engineering Department. The Department of Basic Science and Humanities endeavors to accomplish the objectives concerned with the Engineering courses. It aims to widen intellectual perspectives and promotes social responsibility through an innovative learning process while making the students industry ready. The department has an intake of 360 students with four branches in engineering—

- *Computer Engineering,*
- *Artificial Intelligence & Data Science*
- *Electronics & Telecommunication Engineering,*
- *Information Technology.*

A MESSAGE BY BS&H HEAD: DR. HARSHA MISHRA

The BS&H Department seeks to apply the blending principles of Humanities & Sciences for evolving technologies that aid Human Development and conservation of the environment. Accordingly, the experienced faculty & staff endeavors to mould its students into professionally excellent engineers, imbued with a sense of responsibility and sensitivity towards the environment. The department strives to provide students with state of the art engineering education with a strong foundation of values. The department aspires to provide an ecosystem which nurtures innovation and creativity, and fosters interdisciplinary studies.

I extend best wishes to the stakeholders and a rewarding experience in the department of Basic Sciences & Humanities !



Dr. Harsha Mishra
Head of BS&H

BASIC SCIENCE & HUMANITIES CAMPUS BUZZ

“Engineering as A Career Choice, Somaiya Is a Brand You Can Trust” Organized on 17th Jan, 2021

K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized a live interactive session via YouTube on ***“Engineering as A Career Choice, Somaiya is a Brand You Can Trust”*** on **17th Jan, 2021** from 11.00 am-1.30 pm. The event was in the direction to create an awareness on Engineering Curriculum with Somaiya as a most-preferred choice for the admission aspirants. **Dr. Suresh Ukarande**, Principal, provided a succinct overview of the KJSIEIT honours and achievements. **Dr. Sunita Patil**, Vice-Principal, credited an array of activities with state-of-the-art infrastructure with detailed strengths of the Institute.

Objectives: The interactive session aimed to provide insights into the multifarious areas of engineering, trending technologies with the focal highlights of Somaiya as a brand name in educational sector.

The presentation of Heads of all Departments—**Dr. Radhika Kotecha**, IT HoD, **Dr. Jayashree Khanapuri**—EXTC HoD, **Dr. Sarita Ambadekar**, COMP HoD, **Dr. Milind Nemade**, AI & DS HoD, **Dr. Harsha Mishra**, BS&H HoD entailed departmental highlights briefing upon activities, awards and accolades.

The stakeholders who were logged on via YouTube raised inquisitive queries and the same were befittingly answered by the authorities. The technical support was extended by Mr. Kiran Hande and Mr. Nitin Urankar. Dr. Vrushali Deole anchored the event. The event concluded with a vote of thanks and national anthem.

Outcomes: The event provided feasible solutions to the engineering aspirants in the direction of seeking admission. The queries with the parameters—ranking, salary, scope, ambit of core fields was effectively met with relevant responses.





Image Clip: “Engineering as A Career Choice, Somaiya is a Brand You Can Trust” Organized live via YouTube on 17th Jan, 2021

“Online Orientation for Awareness in Engineering Curriculum” Organized on 2nd February, 2021

K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized an interactive session on **“Online Orientation for Awareness on Engineering Curriculum”** via zoom as well telecasted live via YouTube on **2nd February, 2021** from 10.00 am-12.30 pm. The event was in the direction to create an awareness on first year engineering curriculum in addition to the detailed information of the Institute. The first-year department –Basic Science & Humanities headed by Dr. Harsha Mishra commenced on 2nd Feb, 2021. There were more than 300 attendees for the event.

At the onset, **Dr. Namrata Ansari**—Dean Academics briefed the admitted students on Somaiya as a most-preferred choice with its policies, rules, decorum etc. It was followed by

presentation of **Dr. Sunita Patil**, Vice-Principal, who briefed on the array of activities with state-of-the-art infrastructure with its highlights.

Dr. Suresh Ukarande, Principal, provided a guidance on various dimensions—placements, academic pointers, highlights of committees and clubs in addition to the KJSIEIT honours and achievements.

Objectives: The interactive session aimed to provide insights into the multifarious areas of first year engineering, with the focal highlights of KJSIEIT as a brand name in educational sector.

The stakeholders who raised inquisitive queries and the same were befittingly answered by the authorities. The technical support was extended by Mrs. Chaitali Puroo, Mr. Kiran Hande and Mr. Nitin Urankar. Dr. Vrushali Deole anchored the event. The event concluded with a vote of thanks and national anthem.

Outcomes: The event provided feasible solutions to the newly admitted engineering aspirants and enhanced their basic understanding of the curriculum. The queries with the parameters—placements, autonomy, internship facilities etc was effectively met with relevant responses.

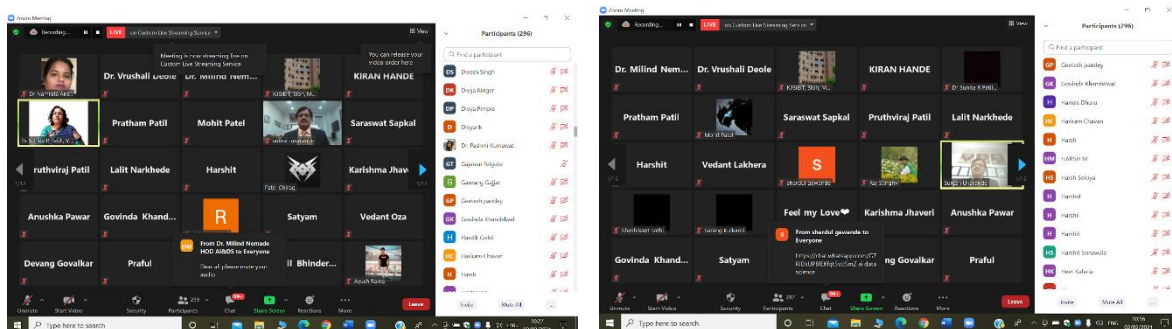
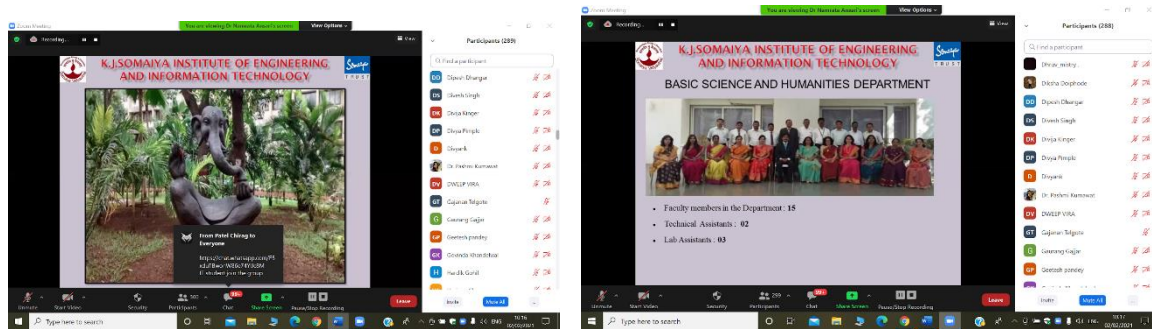
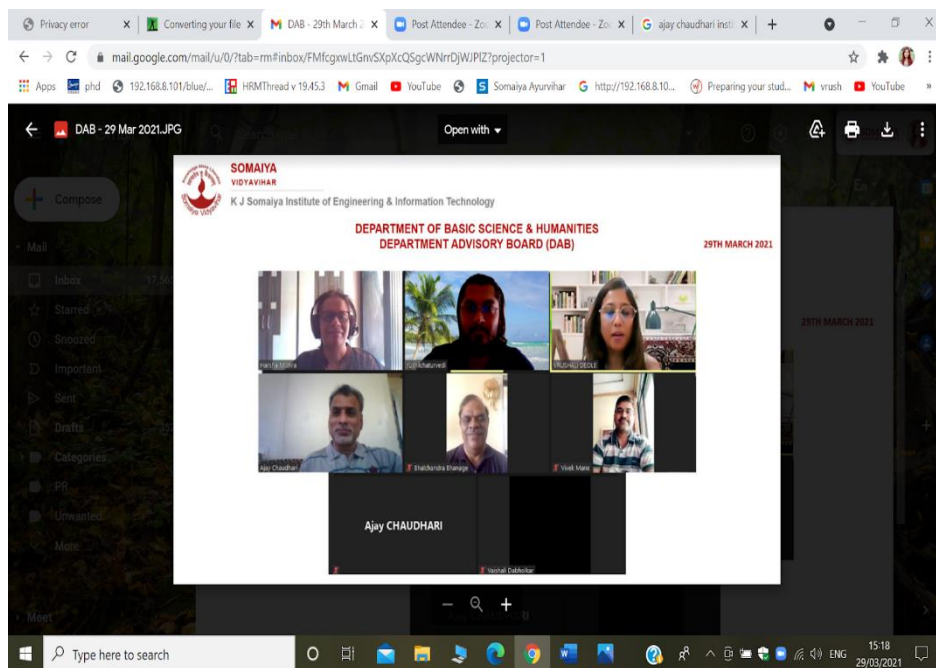
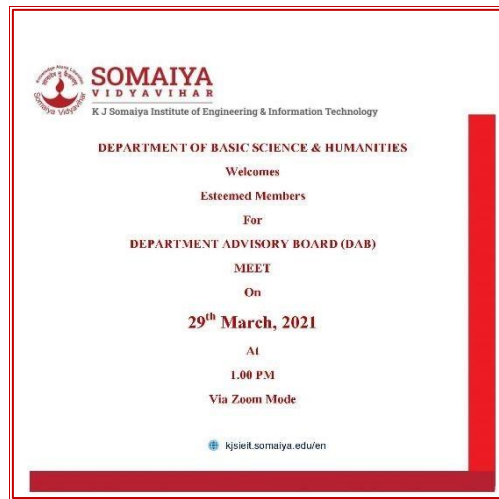


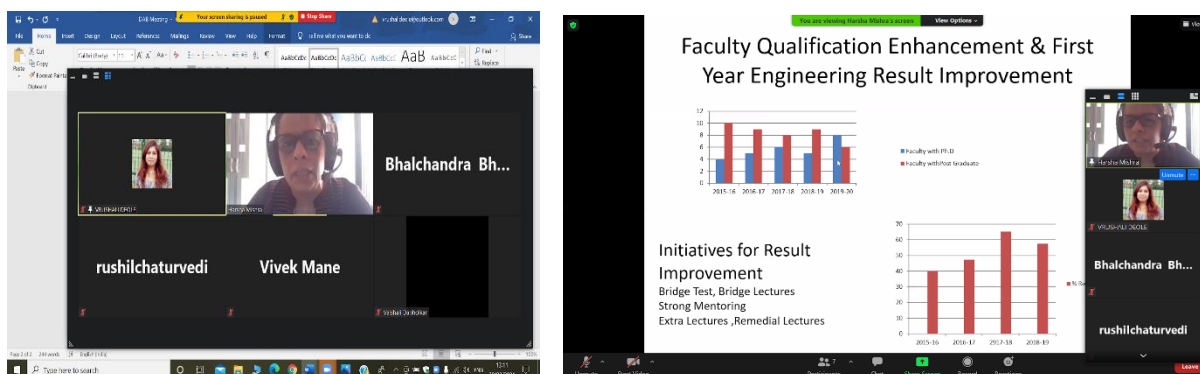
Image Clip: “Online Orientation for Awareness in Engineering Curriculum” Organized on 2nd February, 2021

‘Department Advisory Board’ (DAB) held on 29th March, 2021 (Monday) at 1.00 pm via Online Mode (Zoom).

The BS&H **‘Department Advisory Board’ (DAB)** held on **29th March, 2021 (Monday) at 1.00 pm via online mode (zoom)**. BS&H Head—Dr. Harsha Mishra provided a detailed overview of the first-year department. She apprised the members of the pandemic situation and that the college has been operational via online mode with the semester I that commenced in February

2021. She presented a summary of the functioning of academics and co-curricular activities to the DAB Members. The following external members attended the meeting: Dr. B. M. Bhanage Professor, Department of Chemistry, Institute of Chemical Technology (ICT), (Formerly UDCT), Maharashtra, Mumbai, **Dr. Ajay Chaudhari**, Head Department of Physics, at 'The Institute of Science', Fort, Mumbai, **Mr. Rushil Chaturvedi**, Digital Advisory, Risk and Technology Consultant at KPMG, Mumbai, an Alumnus 2013 pass out EXTC department, KJSIEIT. The members provided a progressive vision in the wake of 'Autonomous Status' conferred upon the Institute from AY 2021 onwards.





Screenshot of BS&H DAB Meeting held on 29th March, 2021

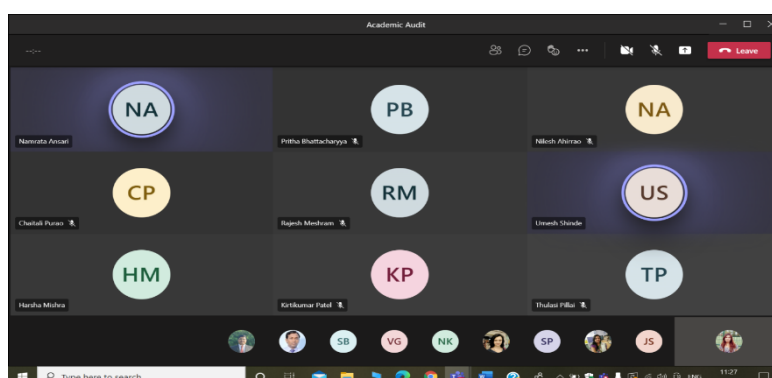
BS&H Online External Audit ON 20th April, 2021

An External Academic Audit was conducted by the Department of Basic Science and Humanities on 20th April, 2021 from 11.00 am onwards. **Prof. Pritha Bhattacharya** from Fr. Conceicao Rodrigues College of Engineering, Vashi was the external academic auditor. The mode of conduction was via MS Teams. The BS&H Head—Dr. Harsha Mishra, Academic Dean—Dr. Namrata Ansari & all the faculties and staff were present for the same.

Objective: of the External Academic audit, a regular semester practice, was executed to comply with the NAAC & NBA norms. The faculties teaching the First Year as well as the faculty of BSH teaching higher semester were the part of the academic audit.

The following suggestions were provided by the Academic Auditor:

1. For the first-year subjects, the Rubric attainment or any significant attributes should be justified.
2. A detailed rubric sheet, with evaluation tool parameters, with marking scheme has to be attached in the solution of paper.
3. The target values in CO attainment should not be same for all subjects.
4. The course file for theory and practical (laboratory) should be separate.
5. Conduction of semester preliminary examination.



Prof. Pritha Bhattacharya, External Auditor, of Fr. Conceicao Rodrigues College of Engineering, Vashi on 20th April, 2021 conducting BS&H online academic audit.

A. Details of Co-Curricular Activities Organized by the Department:

(Seminar/ Paper Presentation /Group Discussion / Quiz / Debate/ Short Term Course / Working Model Presentation / Dynamic Debugging):

Sr. No	Name of staff	Name of Workshop /STTP/Conference	Name of Organizer	Venue	Period
1	Dr.Vrushali Deole	Orientation programme of FE, coordinated, anchored	HOD BS&H Dept	Online	02/02/2021
2	Dr.Vrushali Deole	Coordination for FE Induction Program	HOD BS&H Dept	Online	03/02/2021-28/02/2021
3	Mr.Vivek Mane	Judge for IDEATHON (Idea Pitching Contest)	KJSIEIT Institute Innovation Council (IIC).	Online	02/01/2021
4	Dr.Umesh Shinde	Reviewer for IEEE & IAS Technically Co-Sponsored 4th Biennial International Conference on Nascent Technologies in Engineering	IEEE & IAS Technically Co-Sponsored	Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India	January 15-16, 2021
5	Dr.Vrushali D	Webinar on "Career opportunities in Telecom Sector" Speaker: Mr.Anupam Upadhyay, Senior Buyer at British Telecom 2004-2008 Alumnus of EXTC department.	Alumni committee & EXTC	Online	13 th March,2021
6	Dr.Vrushali D	Workshop on "Use of Panda & Numpy to develop an Application" organized by resource persons--Aniket Bharti & Darshan Gondalia	Comp Dept & Alumni Committee,	Online	27 th March,2021
7	Dr.Vrushali D	Institution's Innovation Council (IIC) Competition on "Business Plan/Prototype Competition" on 3rd April, 2021	IIC	Online	3 rd April,2021

A. Details Expert Talks arranged: (Summary Form Below: its Details are covered in Report Form)

Sr. No.	Name & Address of the Guest faculty	Topic	Participating Class / Students	Date
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1	Head of Departments presentation of respective branch Dr. Jayashree Khanapuri (HoD, EXTC)- 1.30-2.30 pm Dr. Milind Nemade (HoD, AI&DS)- 1.30-2.30 pm Dr. Sarita Ambadekar (HoD, COMP)- 1.30-2.30 pm Dr. Radikha Kotecha ((HoD,IT) 1.30-2.30 pm	Department Specific Information to FE Students as a part of FE Induction programme	FE Students	03/02/2021
2	FE Online Induction Dr. Vaishali K Ghadyalji & Mrs. Gauri G)	(Exam cell & Library)	FE Students	04/02/2021
3	FE Online Induction (--Dr. Hariram Chavan)	Administration	FE Students	05/02/2021
4	Online Induction, -- (Dr. Sarita & Student Team-- Master Prince)	Developer Student Club	FE Students	08/02/2021
5	Online Induction-- (Prof. Prashant U)	Robocon Committee	FE Students	09/02/2021
6	Online Induction (Dr. Sandhya K)	DLLE centre	FE Students	10/02/2021
7	Online Induction (Prof. Uday Rote & Team)	student welfare	FE Students	11/02/2021
8	Online Induction (Prof. Kavita B) (Dr. Namrata Ansari)	SDC & IoT/ACS Cell	FE Students	11/02/2021
9	Online Induction-- (Prof. Chitra Bhole & Dr. Vaishali Gaikwad)	IET Cell	FE Students	16/02/2021
10	Online Induction (Dr. Vaishali. W)	Robotics Cell	FE Students	17/02/2021
11	Online Induction - (Prof. Uday Rote & Team)	CSI Cell	FE Students	18/02/2021
12	Online Induction-- Dr. Harsha Mishra	Engineering Curriculum	FE Students	20/02/2021
13	Online Induction-- by Dr. Vaishali Gaikwad	Cyber security & Research Cell	FE Students	22/02/2021
14	Online Induction-- Prof. Medha Asurlekar	IETE Committee	FE Students	23/02/2021

15	FE Online Induction - by Dr. Shinde & Master Vedant Kokate, Mr. Amey Noolkar (Alum) & Student Team	Infinite Loop	FE Students	24/02/2021
16	FE Online Induction-- by Ms. Nisha Vanjari	Project Competition Cell	FE Students	25/02/2021
17	FE Online Induction-- by Ms. Reshma Kamble, Faculty-- SVV	Dharma Studies'	FE Students	26/02/2021
18	FE Online Induction- Maharashtra Chamber of Commerce Industry and Agriculture	Maharashtra Chamber of Commerce Industry and Agriculture	FE Students	27/02/2021
19	FE Online Induction-- by Prof. Martand Jha & Team	IEI committee	FE Students	01/03/2021
20	FE Online Induction-- by Student Team: Pratik Gangapurwala & Mr. Amey Noolkar (Alumni) in coordination with Prof. S Badhe & Dr. U Shinde	VYOM Club	FE Students	06/03/2021
21	Prof Ganesh W.	Robotics--Level 1 Workshop' for AI&DS branch	FE Students	11/03/2021
22	Prof. Dr. B. R. Sankapal, Professor of Physics at VNIT Nagpur	Guest Lecture on "Supercapacitor: Basics to Advanced Applications'	FE Students	02/04/2021

B. Details of Staff attended STTP / Seminars / Workshop / Symposia / Short Term Course / Orientation Programme / Refresher Programme

Sr. No.	Name of staff	Name of Workshop /STTP/Conference	Name of Organizer	Venue	Period
1	Dr.Harsha Mishra	Zoom admission publicity meeting on topic Engineering as a career choice? "Somaiya is a brand you can trust conducted by KJSIEIT, Sion.Answered the query on You tube on 17 th January,2021.	KJSIEIT	Online	17/01/2021
2	Dr.Harsha Mishra	MS teams training Customized training on issues.	Somaiya Vidyavihar	Online	27/02/2021

3	Dr.Harsha Mishra	One Day Online National Workshop entitled ICT Tools for Chemistry Teachers	Guru Angad Dev Teaching Learning Centre. GOI	Online	21/02/2021
4	Dr.Harsha Mishra	“National Education Policy 2020: (NEP 2020)”	KJSIEIT-IQAC	Online	04/03/2021
5	Dr.Harsha Mishra	MS teams training Customized training on issues	Somaiya Vidyavihar	Online	06/03/2021
6	Dr.Harsha Mishra	Workshop on Basic of Self Defense	WDC of K J Somaiya College of Arts & Commerce & KJSIEIT	Online	08/03/2021
7	Dr. Vaishali K. Ghadyalji	Webinar “Teacher Training in ELT: A Way Forward (in the light of NEP 2019)”	ELTAI India.	Online	1001/2021
8	Dr.Rajesh Meshram	Participated in introductory webinar designing learner centric online courses	KJSCE	Online	1001/2021
9	Dr. Vaishali K. Ghadyalji	National Webinar on Contemporary Indian Theatre: Views and Reviews	Krtuwar Arts, RatanlalKabra Science, B. R. Mantri Commerce College, Manwat, Dist. Parbhani, M.S.	Online	1103/2021
10	Dr. Vaishali K. Ghadyalji	Webinar on Developing Writing Skills in an ESL Context: Leveraging Technology	ELT@I	Online	1403/2021
11	Dr. Vaishali K. Ghadyalji	webinar on MBA Programme: Is it losing its sheen?	EL@I	Online	2103/2021
12	Dr. Vaishali K. Ghadyalji	Webinar on English Language Learning: Guidelines from Common European Framework	EL@I	Online	1104/2021
13	Prof.Sanjiv Badhe	Amateur Radio Society of India VHF Hill Topping and National Field Day	Mol, Dist - Satara	Satara	26/02/2021 28/02/2021
14	Dr. Vrushali D	Webinar "New year, new ideas: How to teach an exam class for Pre-A1 Starters, A1 Movers, A2 Flyers"	Cambridge University Press	Online	1201/2021
15	Dr. Vrushali D	Webinar on “Making Critical & Creative Thinking Visual for Young Learners, starting at on 20 January 2021, Organized by	Oxford University Press	Online	2001/2021
16	Dr. Vrushali D	Webinar on “Making the most of Digital Components: Family and Friends 2nd Edition Session 2”	Oxford University Press	Online	2801/2021

17	Dr. Vrushali D	Webinar on "More ideas: How to Teach an Exam Class for B2 First for Schools and C1 Advanced"	Cambridge University Press	Online	04/02/2021
18	Dr. Vrushali D	Webinar on "Collaborate with Cambridge, UK"	Cambridge University Press	Online	08/02/2021
19	Dr. Vrushali D	'Global Online Conference of Professional Development Sessions'--ELTOC 21 'Addressing the Digital Divide by Zarina Subhan,	Oxford University Press	Online	25/02/2021
20	Dr. Vrushali D	'Global Online Conference of Professional Development Sessions'--ELTOC 21 'Motivation and Location: Tailoring engagement strategies to online and offline contexts by Nick Thorner'	Oxford University Press	Online	25/02/2021
21	Dr. Vrushali D	'Global Online Conference of Professional Development Sessions'--ELTOC 21 'Getting students speaking when teaching remotely by Philip Haines'	Oxford University Press	Online	26/02/2021
22	Dr. Vrushali Deole	"National Education Policy 2020: (NEP 2020)"	KJSIEIT-IQAC	Online	04/03/2021
23	Dr. Vrushali Deole	Webinar on "Navigating financial aid at US colleges" Organized by Cambridge University Press, Speaker: Mr. Pete Novak,	University of Cincinnati, USA	Online	17/03/2021
24	Dr. Vrushali Deole	Webinar on 'Getting the most from your test data session'	Oxford University Press	Online	25/03/2021
25	Dr. Vrushali Deole	Webinar on "Mock Test Toolkit - Our New Guide to Advise How, Why and When to Run Mock Tests" Presenter- Rebecca Norris,	Cambridge University Press	Online	13/04/2021
26	Dr. Shahin Pathan	"National Education Policy 2020: (NEP 2020)"	KJSIEIT-IQAC	Online	04/03/2021

27	Dr.Shahin Pathan	Workshop on Basic of Self Defence	WDC of K J Somaiya College of Arts & Commerce & KJSIEIT	Online	08/03/2021
28	Mr.Vivek Mane	Zoom admission publicity meeting on topic Engineering as a career choice? "Somaiya is a brand you can trust conducted by KJSIEIT, Sion. Answered the query on You tube on 17 th January, 2021.	KJSIEIT	Online	17/01/2021
29	Mr.Vivek Mane	"National Education Policy 2020: (NEP 2020)"	KJSIEIT-IQAC	Online	04/03/2021
30	Mr.Divesh Singh	Course on Graph Theory	Swayam	Online	17/01/2021
31	Mrs.Chaitali Puro	"National Education Policy 2020: (NEP 2020)"	KJSIEIT-IQAC	Online	04/03/2021

C. Details of Staff participation in co-curriculum /Prize Winning activities:

Sr. No.	Name of	Name of Programme/Activity/Event	Prize Details	Venue	Date
1	Dr.Harsha Mishra	Presented about BS&H dept in online zoom admission publicity meeting on topic Engineering as a career choice? "Somaiya is a brand you can trust. Answered the query on You tube	KJSIEIT	Online	17/01/2021
2	Dr. Vaishali K. Ghadyalji	syllabus revision committee member of the Department level Elective subjects- TQM and IOM	Chemical Engineering Branch	Online	08/01/2021
3	Dr. Vrushali D	Anchored the YouTube live event 'Topic: Engineering as a Career Choice? "Somaiya" is a Brand You Can Trust	KJSIEIT	Online	17/01/2021

INDUCTION TRAINING MODULE FOR FIRST YEAR STUDENTS

First Year Induction Program organized from February-March 2021 for F.E Students

The Department of Basic Science & Humanities organized the **First Year Induction Program** in the month of *February & March 2021* in the direction of imparting training to deliver the Universal Human Values as a part of holistic measures for improving the quality of technical education.

Objectives: The mandatory Induction program was aimed to reinforce the fundamental concepts, to impart Universal Human Values and the required language skills required for technical education. In this direction, KJSIEIT has implemented the induction training to the newly admitted students.

Brief Background: The Induction program has been an initiative of the model curriculum of Undergraduate Studies in Engineering & Technology launched by **Shri Prakash Javadekar Ji**, Hon'ble Minister of HRD during a conference on 'Quality Initiatives in Technical Education' on 24th January 2018 at AICTE, New Delhi. In this direction, it has been decided by the universities/ institutions to adopt the model curriculum from the academic session 2018-19 onwards.

Participants: FE Students

Event 1: "Engineering as A Career Choice, Somaiya is a Brand You Can Trust" Organized on 17th Jan, 2021

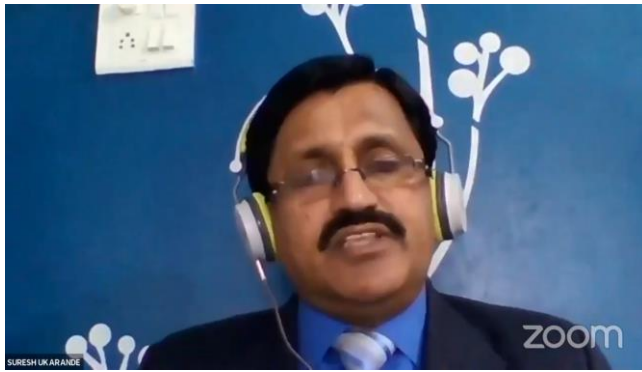
K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized a live interactive session via YouTube on **"Engineering as A Career Choice, Somaiya is a Brand You Can Trust"** on **17th Jan, 2021** from 11.00 am-1.30 pm. The event was in the direction to create an awareness on Engineering Curriculum with Somaiya as a most-preferred choice for the admission aspirants. **Dr. Suresh Ukarande**, Principal, provided a succinct overview of the KJSIEIT honours and achievements. **Dr. Sunita Patil**, Vice-Principal, credited an array of activities with state-of-the-art infrastructure with detailed strengths of the Institute.

Objectives: The interactive session aimed to provide insights into the multifarious areas of engineering, trending technologies with the focal highlights of Somaiya as a brand name in educational sector.

The presentation of Heads of all Departments—**Dr. Radhika Kotecha**, IT HoD, **Dr. Jayashree Khanapuri**—EXTC HoD, **Dr. Sarita Ambadekar**, COMP HoD, **Dr. Milind Nemade**, AI & DS HoD, **Dr. Harsha Mishra**, BS&H HoD entailed departmental highlights briefing upon activities, awards and accolades.

The stakeholders who were logged on via YouTube raised inquisitive queries and the same were befittingly answered by the authorities. The technical support was extended by Mr. Kiran Hande and Mr. Nitin Urankar. Dr. Vrushali Deole anchored the event. The event concluded with a vote of thanks and national anthem.

Outcomes: The event provided feasible solutions to the engineering aspirants in the direction of seeking admission. The queries with the parameters—ranking, salary, scope, ambit of core fields was effectively met with relevant responses.



Come join us
for
YouTube Live Session

Topic of discussion : Engineering as a Career Choice? "Somaiya" is a Brand You can Trust.

Date : 17th January, 2021

Time : 11:00 AM

FE: 9967389458 | DSE: 9769534232 | ME: 9224665607 | enquiry.tech@somaiya.edu



***Image Clip: "Engineering as A Career Choice, Somaiya is a Brand You Can Trust"
Organized live via YouTube on 17th Jan, 2021***

Event 2: "Online Orientation" Organized on 2nd February, 2021

KJSIEIT organized an interactive session on ***"Online Orientation"*** via zoom as well telecasted live via YouTube on **2nd February, 2021** from 10.00 am-12.30 pm. The event was in the direction to create an awareness on first year engineering curriculum in addition to the detailed information of the Institute. The first-year department –Basic Science & Humanities headed

by Dr. Harsha Mishra commenced on 2nd Feb, 2021. There were more than 300 attendees for the event.

At the onset, **Dr. Namrata Ansari**—Dean Academics briefed the admitted students on Somaiya as a most-preferred choice with its policies, rules, decorum etc. It was followed by a presentation of **Dr. Sunita Patil**, Vice-Principal, who briefed on the array of activities with state-of-the-art infrastructure with its highlights.

Dr. Suresh Ukarande, Principal, provided guidance on various dimensions—placements, academic pointers, highlights of committees and clubs in addition to the KJSIEIT honours and achievements.

Objectives: The interactive session aimed to provide insights into the multifarious areas of first year engineering, with the focal highlights of KJSIEIT as a brand name in the educational sector.

The stakeholders who raised inquisitive queries and the same were befittingly answered by the authorities. The technical support was extended by Mrs. Chaitali Puroo, Mr. Kiran Hande and Mr. Nitin Urankar. Dr. Vrushali Deole anchored the event. The event concluded with a vote of thanks and national anthem.

Outcomes: The event provided feasible solutions to the newly admitted engineering aspirants and enhanced their basic understanding of the curriculum. The queries with the parameters—placements, autonomy, internship facilities etc were effectively met with relevant responses.

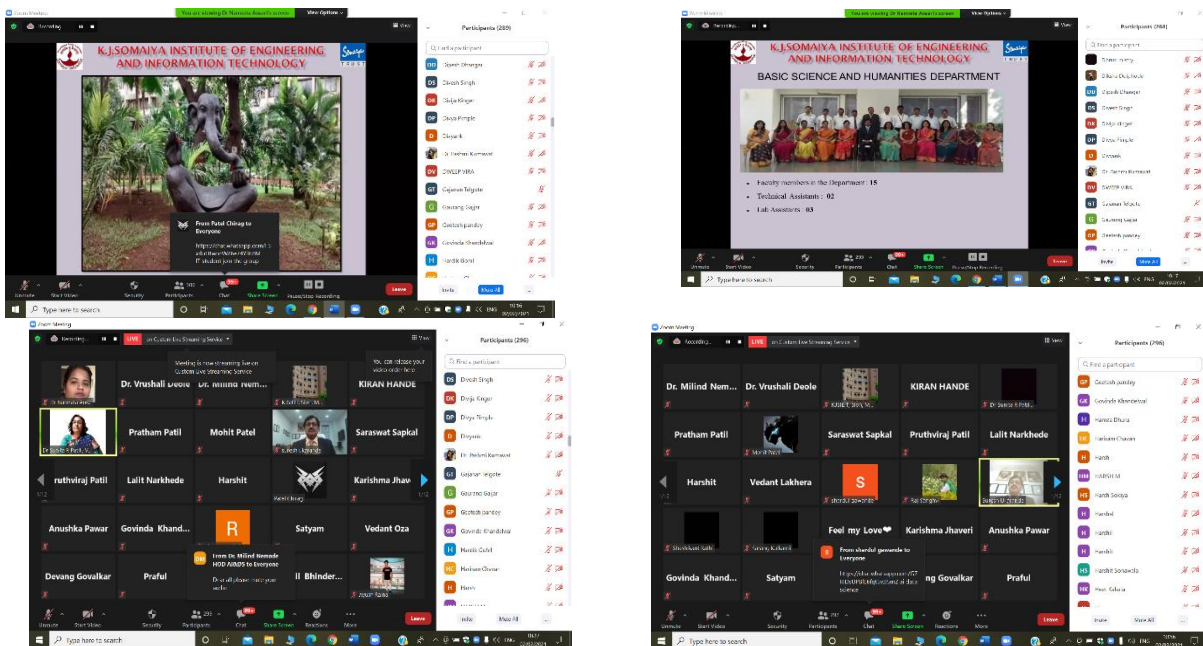


Image Clip: ““Online Orientation” Organized on 2nd February, 2021

Event 3: FE Online Induction: Departmental Presentation by all Heads of Departments on 3rd February, 2021

The presentation of Heads of all Departments—**Dr. Radhika Kotecha**, IT HoD, **Dr. Jayashree Khanapuri**—EXTC HoD, **Dr. Sarita Ambadekar**, COMP HoD, **Dr. Milind Nemade**, AI & DS HoD, **Dr. Harsha Mishra**, entailed departmental highlights briefing upon

activities, awards and accolades. The Head of Departments presentation of respective branch proved to be a vital force in dissemination of information of the core branches.

Objectives: The Induction Program was aimed to be an interactive session to provide insights into the multifarious areas of engineering, trending technologies with the focal highlights of core departmental strengths and highlights.

Key Points: The HoDs were instrumental in offering guidance to the newly admitted First Year Engineering students.

Outcomes: The Presentation by HoDs provided a brief insight into the career prospects of the core engineering branches. It augmented the understanding of the newly admits for the futuristic insights for career development.

Feedback link: <https://forms.gle/gCQf4pkiKFhj3gfq8>

Event 4: FE Online Induction by Dr. Vaishali K Ghadyalji (Exam Cell) on 4th February, 2021

Dr. Vaishali K. Ghadyalji, In-charge Exam Cell delivered a presentation based on the activities of the 'Exam Cell' on 04Feb, 2021 at 1.30 pm.

Objectives: The Exam Cell presentation in the Induction Program was aimed to impart information to the students regarding the examination procedures. It was designed to make students aware of the exam related rules and regulations and to solve their doubts regarding the exam related issues like exam pattern, IA/ ESE, exam fees, revaluation, the rules of KT, etc.

Registered Participants: The event witnessed 207 FE participants.

Key Points: At the outset, Dr. Vaishali K. Ghadyalji underlined the aim of the Exam Cell as to help smooth conduct of exams and the related work in the Institute in a fair and systematic manner. She introduced the FE students with the Exam Cell Asst. In-charge Dr. Shaheen Pathan and the staff-Mr. Deepak Rawat, Ms. Geeta Gurav, Ms. Hema Gavand and Mr. Datta Bhoir. She shed light on the services provided by exam cell such as filling the Examination/ Photocopy / Revaluation / Grievances forms, Application for Provisional Degree Certificate, Application for Name Correction in mark sheet, Application for Duplicate mark sheet, Verification of mark sheet and degree certificates for companies, etc. She further explained the Letter Grade and Grade Point Allocation as well as the formulae for calculating CGPI and SGPI.

She appealed the students to refer to the college website and Exam Cell notice boards for all the exam-related updates. She also shared the contact details of Exam Cell with an intention to help the students as and when they are in doubt.

Outcomes: The Induction session provided crystal-clear guidelines on exam-related aspects and threw light on the working of the Exam Cell by imbibing among the students the importance of following the rules and maintaining the sanctity of exams.

Feedback link: <https://forms.gle/upnFCQM27mnaqVfr5>

Event 5: FE Online Induction by Mrs. Gauri G (Library) on 4th February, 2021

Mrs. Gauri Gothivrekar, Librarian, delivered a detailed presentation based on the activities of the '**KJSIEIT Library**' on **04Feb, 2021 at 2.00 pm.**

Objectives: The Library Section presentation in the Induction Program was aimed to impart information to the students regarding the best practices & procedures in library. It was aimed to make students aware of the rules and regulations of library as well as to solve their doubts regarding the library related issues like book-borrow-facility, e-access, open resources, access to journals etc.

Registered Participants: The event witnessed attendance of 207 FE participants.

Key Points: At the outset, **Mrs. Gauri Gothivrekar** discussed the detailed set-up of the library. She presented the 'Book Worm Software' that has been tailor-made for library use that has been created by Data Centre. The OPAC system enables to reserve and renew books online. She briefed on the Book Issue Policy for Institute Library- for Students 06 books for 01 Month. College Book Bank (For all students) 06 (One per subject) One semester Social Welfare Book Bank (only for SC/ST students) 06 (One per subject) in a Semester. 1) Book Issue Policy from Other Somaiya Libraries {Global Common Circulation (GC module)} All Somaiya Libraries are connected. All Somaiya users will be able to borrow one book for 7 days from any other Somaiya library.

In the same direction, Mrs. Gauri apprised on the library facility on web: - Library books information is available through online public access catalogue <http://opac.somaiya.edu/> 3) Online User Account: - Users can check their library account from myaccount.somaiya.edu 4) Book Reservation Facility: Member can reserve the book in case of desired book is not available in the library (issued to other members). Once the reserved book is back in the library, the system will send notification through an email to the member. An intimation will be sent to the member who has already borrowed the book. 5) Book Self Renewal: Members can renew books online.

She urged the students to make optimum use of Institute Library and assured her assistance in case of any help required from students.

Outcomes: The Induction session provided guidelines on library-related aspects and resulted in creating awareness on the significance of making use of Library facility.

Feedback link: <https://forms.gle/t32Mj5WCJRWuqAAN7>

Event 6: FE Online Induction by Dr. Hariram Chavan (Dean, Administration) on 5th Feb, 2021

Dr. Hariram Chavan, Dean, Administration delivered a presentation based on the administrative related aspects of the **KJSIEIT** on **5th Feb, 2021 at 1.30 pm.**

Objectives: The Administration Section presentation in the Induction Program was aimed to impart information to the students regarding the student-oriented activities & scope. It was aimed to make students aware of the cocurricular & extra-curricular activities with a detailed overview of cells, clubs & committees functional in the Institute.

Participants: The event witnessed attendance of FE participants.

Key Points: Dr. Chavan presented a detailed schedule of the various slots that are allotted for co-curricular and extracurricular events of the Institute which are useful for the overall development. He focused on an objective to build overall competency of students—the participation in co-curricular and extra-curricular activities like student development programs, technical festivals, cultural festivals, sports festivals, competitions, etc.

Dr. Chavan apprised on the strategic set-up of 'Engineering Administration. His guidance encompassed the levels of hierarchal structures including the allied components of cells, committees and professional bodies which promotes student-centric education.

Outcomes: The Induction session was pivotal in imparting awareness on the pre-requisite for being multi-skilled industry-ready engineers and best humans with qualities like integrity, ethics, decisiveness, accountability, etc. through an array of innovation-driven technical, professional, cultural, sports and community engagement activities.

Feedback link: https://docs.google.com/forms/d/e/1FAIpQLSfGuhv4pI0K2iT9vEOIEBK5I-4EaQd_dhreXmNPG70_1jri4A/viewform?usp=sf_link

Event 7: FE Online Induction by Student's Developer Club (DSC) on 8th Feb, 2021

The Department of Computer Engineering organized the First Year Induction on "**Developer Students Club**" on 8th Feb, 2021 at 1.30 pm by Core members of Developer Students Club - KJSIEIT.

Objectives: The Induction program had the following goals: 1. To give a brief overview of the Developer Students Club, KJSIEIT. 2. To describe events and workshops that were held in the previous year. 3. To give overview of industry level technologies like Cybersecurity, Flutter, Data Science and Web Development. 4. To clear doubts and queries about new technologies.

Participants: The event witnessed 225 FE participants.

Key Points: The students of DSC core, Zil Jani, Jai Shah, Vaibhav Lakhani, Aziz Bohra and Prince Gada gave a formal introduction about their club and its features. They also informed the students about technologies like Cybersecurity, Flutter, Data Science and Web Development in brief to give them a good overview of current industry level. Outcomes: The Induction session provided a brief introduction to Developer Students Club and industry level technologies.

Feedback link: <https://forms.gle/DTaXMvM7oaQ7cLFp6> 1Screenshots:



Image Clip: Vaibhav Lakhani Explaining Importance of Flutter

Event 8: FE Online Induction by Robocon Committee on 9th Feb, 2021

The Robocon Committee organized the First Year Induction on **9th Feb, 2021** at 1.30 pm by Prof. Prashant Upadhyay, Faculty of EXTC department.

Objectives:

The Induction was aimed to create an awareness on the importance of participative aspects of ‘Robocon Team’. It was intended to encourage and mentor the innovative aspects in the domain of ‘Robotic Technology’ with the latest innovations in the domain.

Key Points: Prof. Prashant apprised on the National Level Ranking achieved by the Robocon Team as it bagged the prestigious position of: 3rd, 9th and 12th Rank in the year 2018, 2017 and 2015 respectively at National Level. He also presented facets of the Robocon Contest with details of the computational facilities, the state-of-the-art laboratory dedicated for the competition, the time line of Robocon competitions, innovative trends and facets of the upcoming technology in significant societal-based manoeuvres in the domain of Robotics.

Outcomes: The Induction on Robocon resulted in creating an impact of leveraging synergies between teaching-learning and innovation. It created an inspirational factor as the students were keen to adopt the cutting-edge trends in Robotics for global competency.

Event 9: FE Online Induction of DLLE Centre –by Dr. Sandhya Kadam on 10th Feb, 2021

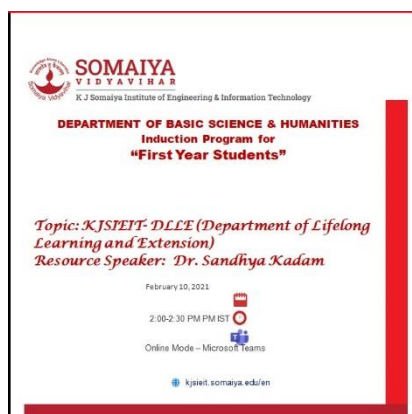
The DLLE Centre organized the First Year Induction on **10th Feb, 2021** at 1.30 pm by Dr. Sandhya Kadam Faculty of EXTC department. **Dr. Sandhya Kadam, Assistant Professor of EXTC** was the resource speaker for the occasion.

Objectives: The Induction Program is aimed to involve in different extension projects of Skill Development, Industry Orientation, Career Guidance, Entrepreneurship Development, Status of Women in Society, Environmental Protection, Population Education, National Institute of Schooling and Anna Poorna Yojana. These projects are helpful for enhancing employability and IT skills of the students. Students took benefit of this opportunity to improve employability skills. Also 10 marks grace at End Exam after successful working of 120/240 hrs of extension activities or projects.

Registered Participants: The event witnessed 148 FE participants.

Key Points: The session started with motto as Reach to Unreached and explained DLLE hierarchy and benefits to work with DLLE as involvement in different extension projects of Skill Development, Industry Orientation, Career Guidance, Entrepreneurship Development, Status of Women in Society, Environmental Protection, Population Education, National Institute of Schooling and Anna Poorna Yojana. These projects are helpful for enhancing employability and IT skills of the students. They took benefit of this opportunity to improve your employability skills. The academic benefit is to get 10 grace marks at Final Exam during every year provided that they are working for 120/240 hrs of extension activities/projects. She also informed achievements of KJSIEIT- DLLE centre and Annual festival, Udaan. Also discussed activities conducted as Interview and Guidance session on “Robotic, Process Automation”, Kitchen Gardening” etc. She discussed further planning of activities and registration details to enroll for DLLE centre.

Outcomes: 35 FE students have registered with DLLE to get its benefits



Event 10: FE Online Induction of ‘Student Welfare’ –by Prof. Uday Rote (Dean, Student Welfare) on 11th Feb, 2021

The members of ‘Student Council’ under the guidance of **Prof. Uday Rote**—Dean, Student Welfare organized the First Year Induction on **11st Feb, 2021** at 1.30 pm.

Objectives: The emphasis is not only on the exclusive development of council or the committees but also on the augmentation of co-curricular & extracurricular spheres among the students of the Institute. The goal is to sharply focus on the holistic development while preparing the learners for futuristic endeavours.

Participants: The event witnessed attendance of FE participants

Key Points: Prof. Rote and student’s council team highlighted that the Institute has a very active student council and a variety of professional bodies and clubs under whose auspices a plethora of activities are conducted. This has transformed the institute into a thriving place for the holistic development of students. The Institute is able to gauge the requirements and aspirations of students with pro-active conduction of meetings with the student council which also provides insights into student requirements. The cultural festival Surge is a platform for various types of events and participants. It offers an opportunity to showcase their talent and skills in the cultural field. Similarly, the sports festival ‘Score’ provides a platform to students to recognise and showcase their athletic skills in various events from cricket, football, tug of war, athletics to mention a few.

Outcomes: The FE students gained an insight into the workings of The Students' Council that is pro-active and conducts various activities under them ranging from cultural to sports, and academic to social activities. The participation for the annual cultural and sports festival college SURGE and SCORE that is organised by the Students' Council each year—were the aspects encouraged among the FE students.

Feedback Link: <https://forms.gle/D3RYuMMjSfaq5Rp5A>

Event 11: FE Online Induction of 'Software Development Cell (SDC) and REDX Club' – by Prof. Kavita Bathe on 12th Feb, 2021

An induction program by “Software Development Cell and REDX Club” was organized on 12th Feb, 2021 from 1.30PM to 2.00 PM by **Prof. Kavita Bathe & Prof. Mrunali Desai**.

Objectives: The Induction Program is aimed 1. To make students understand importance of working on real time projects 2. To understand Internship opportunities available at Software Development Cell 3. To understand REDX framework.

Prof. Kavita Bathe of Assistant Professor & SDC Coordinator and REDX Club Coordinator and Prof. Mrunali Desai, Assistant Professor and SDC Member and REDX Club Project Lead was the resource speaker for the occasion.

Registered Participants: The event witnessed 98 FE participants.

Key Points: During the Session Resource Person have covered following points 1. Importance of Project Based Learning 2. Internship Opportunities available at SDC for students 2 3SDC Consultancy and Institute Level Projects 4. Efficiently use the knowledge of engineering fundamentals. 5. Develop real time, social and industry-based projects. 6. Demonstrate professional and ethical behavior. 7. Work effectively as an individual and as a member of a multidisciplinary team. 8. Communicate effectively and sustain in different environments and culture 9. Project Opportunities available in REDX 10. Guidance from the industry expert, REDX Team.

Outcomes: The participants gained significant insight into the wider aspects of the SDC and REDX Session. Students got idea of project-based learning through SDC and REDX. Many students were provided with definitive action plan vis a vis activity of SDC and REDX so as to grab opportunity to work on real time project and learn new technologies.

Feedback Link:

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Event 12: FE Online Induction on 'Internet of Things (IoT) & American Chemical Society (ACS) –by Dr. Namrata Ansari on 12th Feb, 2021

Dr. Namrata Ansari, Dean-Academics organized the FE Online Induction on ‘Internet of Things (IoT) & American Chemical Society (ACS) on 12th Feb, 2021.

Objectives: The brief on the events organized under ‘Internet of Things (IoT) & American Chemical Society (ACS) & to provide a succinct overview of various seminars, workshops & training sessions conducted that are a value-addition in their knowledge.

Key Points: The IoT cell & ACS are the committees which are dedicated to the career-enhancement program of the learners. It has been the endeavour to produce multi-skilled

industry-ready engineers and best humans with qualities like integrity, ethics, decisiveness, accountability, etc. through an array of innovation-driven technical and professional engagement activities.

Outcomes: The learners gained tremendous knowledge on how technology is evolving at an unprecedented pace; with students' scope to have grown with continuous access to the internet. In this technological era, the approach of the IoT & ACS has been to provide the students with practical, application-based education. The domains of IoT & ACS have been to create new learning paths by providing a multidisciplinary perspective and developing engineers who can analyze the real-world problems as well as address it through innovation.

Event 13: FE Online Induction of Institution of Engineering and Technology ('IET') Cell –by Dr. Vaishali Gaikwad & Prof. Chitra Bhole on 16th Feb, 2021

The **Institution of Engineering and Technology** –IET Chapter, of KJSIEIT organised its interaction with FE students on February 16, 2021. There was a brief given to the students about IET and among other relevant topics.

Objectives: To cover the following topics:

1. What is IET?
2. Why IET?
3. How can it benefit Engineers and students?
4. Real life experience of an IET Member.
5. Opportunities in joining the IET Chapter, KJSIEIT.

The session was conducted by **Prof. Chitra Bhole**, Comp Dept. The Coordinators from IT Department **Dr. Vaishali Gaikwad**, **Prof Rupali Satpute**- EXTC Dept were present on February 16, from 2:30pm to 3:30pm. Faculties and Members of IET were the resource speakers for the occasion.

Participants: The event witnessed the participation of all FE students of all branches approximately 220 in the college along with IET stakeholders.

Key Points:

1. What is IET? - Both at the global and local level
2. Why should an individual prefer IET over other committees?
3. Opportunities for students in joining the IET family.
4. Real time experience sharing by a core IET Member.

Outcomes:

1. Realization of students regarding IET
2. Students being aware of the activities and achievements of IET
3. Real time Q/A session to clear student

Feedback Link: <https://forms.gle/MkhKhQyzckOsRjNS9>

Event 14: FE Online Induction of Robotics Cell –by Dr. Vaishali Wadhe (Dean, IIC) on 17th Feb, 2021

Dr. Vaishali Wadhe, Dean—Industry-Institute-Interaction organized an online Induction of '**Robotics Cell**' on 17th Feb, 2021 for the first-year students.

Objectives: The **Robotic cell** strives to impart the knowledge about technology at primary and rural level through workshops on robotic technology for school children in rural areas.

Key Points: Dr. Wadhe & the team have been organizing hands-on-experience Robotic Workshops in every school of **Somaiya Trust** which are located in **Tribal, Rural, Semi-urban and Urban** part of Maharashtra and Karnataka; since last five years. From the Academic Year 2018-19, Robotics Cell started conducting Robotic Training in ten schools working under **Municipal Corporation of Greater Mumbai (BMC)**. The Somaiya Robo Festival is an Annual festival that is hosted by our Institute with social transformation in young children.

Outcomes: At KJSIEIT, the students are taught to learn, unlearn and relearn, and think of creative technological solutions—especially in rural parts. The Robotics cell ensures to provide hands-on learning and upskill the students in the domain of Robotic technology.

Feedback link:

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Event 15: FE Online Induction of Computer Society of India (CSI) Cell –by Prof. Uday Rote & Student Team on 18th Feb, 2021

Prof. Uday Rote & the student team organized an online Induction on ‘Computer *Society of India (CSI) Cell*’ on 18th Feb, 2021 for the first-year students.

Objectives:

- Exposure with Industrial Professionals to groom a career path.
- to be nominated as the Best Student Paper in CSI Communications.
- Opportunity to be nominated as Young IT Professional Award.
- Inducing and Inculcating Leadership Qualities.

Key Points: Prof. Rote apprised the FE students on the significance of CSI. He also briefed on the awards and accolades won under CSI. The student team stressed on the vital role to participate in CSI-organized seminars, workshops, technical competitions expert lectures. The team also emphasized on undertaking training and skill updating as prerequisites in corporate world.

Outcomes:

- Student’s knowledge will be enhanced through technology update activities under CSI.
- Students will be able to publish and access technical articles through CSI magazines, newsletter and conferences.
- Students are motivated for research activities as well as leadership building networks.

Feedback link: <https://forms.gle/D3RYuMMjSfaq5Rp5A>

Event 16: First Year Induction on “Engineering Curriculum” on 20 Feb, 2021

Dr. Harsha Mishra—HoD of Basic Science & Humanities (BS&H) organized the First Year Induction on ‘*Engineering Curriculum*’ on 20th Feb, 2021 at 2.30 pm. The Induction program has been an initiative of the model curriculum of Undergraduate Studies in Engineering & Technology of HRD Ministry recommended by the AICTE, New Delhi. In this direction, KJSIEIT has implemented the induction training to the newly admitted students.

Objectives: The Induction Program is aimed to impart information about the core subjects for the first-year students with regards to engineering curriculum. It was organized to focus on training in Universal Human Values as a part of holistic measures as it also emphasizes to improve the quality of technical education.

The Induction session was coordinated by Dr. Vrushali Deole of BS&H Dept.

Registered Participants: The event witnessed 274 FE participants.

Key Points: Dr. Harsha Mishra, HoD of Basic Science & Humanities provided a detailed overview of the First-Year curriculum. She presented details of academic calendar for the semester I. The online mode for internal assessment & its tentative schedule was provided. Rules & regulations of exams as prescribed by UoM etc were apprised.

Outcomes: The Induction session provided a definitive guideline on the engineering curriculum as well as the co-curricular aspects of the BS&H Department.

There was a question-and-answer session followed by a ‘thank you’ note by Dr. Vrushali Deole. The participants completed the feedback formalities of the session.

Feedback link: <https://forms.gle/DTaXMvM7oaQ7cLFp6>

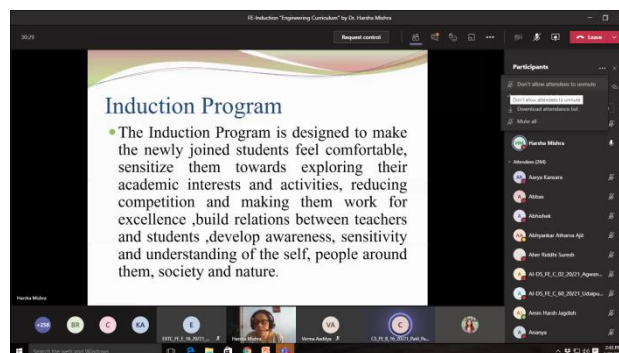
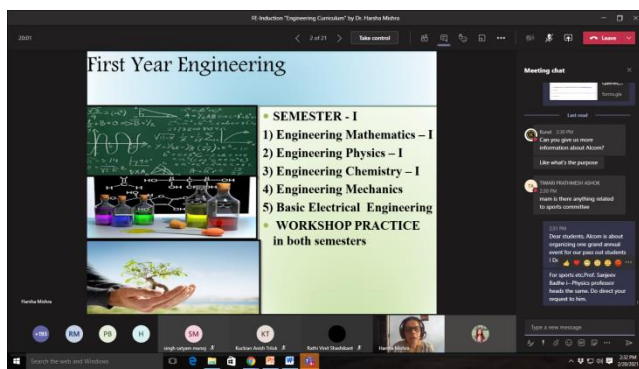


Image Clip: of First Year Induction on “Engineering Curriculum” by Dr. Harsha Mishra on 20 Feb, 2021

Event 17: FE Online Induction on Cyber Security & Research Cell –by Dr. Vaishali Gaikwad on 22nd Feb, 2021

Dr. Vaishali Gaikwad organized an Online Induction on ‘**Cyber Security & Research Cell**’ on 22nd Feb, 2021.

Participants: FE students

Objectives:

- **Confidentiality** – any important data you have should only be accessible to people or by systems to who you have given permission;
- **Integrity** – the assets themselves and information they contain must continue to be complete, intact and uncorrupted and;
- **Availability** – all systems, services and information must be accessible when required by the business or its clients.

Key Points: Dr. Vaishali brief on the pivotal role of Cyber Security Cell that imparts training sessions, workshops on protecting information, which is often the most valuable asset in an organization. The cell also focuses on the goals to maintain standards of a good cyber security that requires determining the assets that are so important to the business that they need to be kept secure at all times. The events are planned to train the learners for identifying the threats and risks. The training session ensures the identification aspects of the safeguards that should be put into place to deal with these threats and risks. She also stressed on the importance of monitoring the safeguards and assets to manage security breaches.

Outcomes: The learners gained insight on the need for updating and adjusting safeguards in response to changes in assets, threats and risks with the facilitation of the Cyber Security Cell in the Institute.

Feedback link: https://docs.google.com/forms/d/19lwJNerjoNerv-Txf68TKsvGhGs4IzeuDIzFeXzuUT8/viewform?ts=6030bebf&edit_requested=true

Event 18: IETE-Webinar on “Profile Building” Organized on 23rd Feb, 2021

The Institute of Electronics and Telecommunication Engineers (IET) of KJSIEIT organized a Webinar on “Profile Building” on **23rd Feb, 2021** from 2.30 pm to 3.30 pm. The session was coordinated by **Mrs Medha Asurlekar**, Convener IETE on (23/02/2021) from (2.30 to 3.30). Mr. Prince Gada and Mr. Aziz Bohra Third year Computer students at KJSIEIT were the resource speaker for the occasion.

Objectives: The Induction program had the following goals:

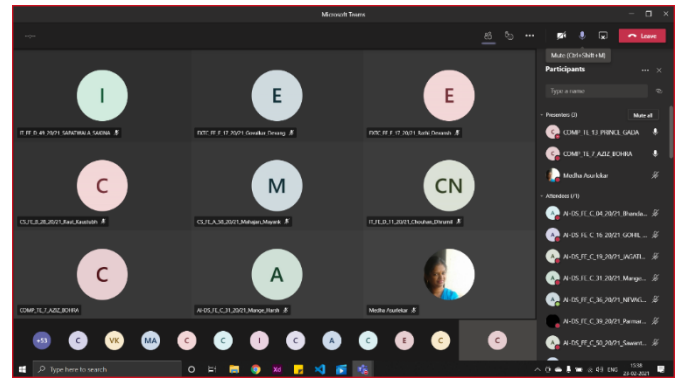
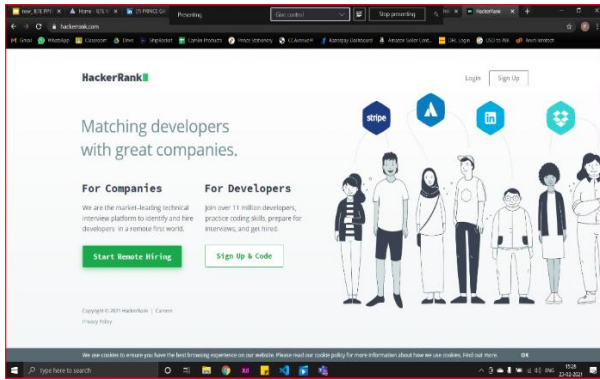
1. To give a brief overview of the Institute of Electronics and Telecommunication Engineers (IETE), KJSIEIT.
2. To describe events and workshops that were held in the previous year.
3. To give overview of various websites like LinkedIn, Hacker Rank, etc. that help build a better profile for engineers.
4. To introduce students to GitHub Developer Students Pack.

Registered Participants: The event witnessed 143 FE participants.

Key Points: The members of IETE, Aziz Bohra and Prince Gada gave a formal introduction about their club and its features. They also informed the students about websites like LinkedIn, Hacker Rank, Code Chef and GitHub which are quite useful to engineers. They also informed them about GitHub Student Developer Pack which helps students to get various offers and access to paid software and resources which helps them build better projects.

Outcomes: The Profile Building session provided a brief introduction to The Institute of Electronics and Telecommunication Engineers and various profile building platforms along with GitHub Developer Student Pack.

Feedback link: <https://forms.gle/zRTQGKr1tfZna3JMA>



Feedback: [FE Induction Program on IETE Feedback Feb 2021 - Google Forms](#)

Event 19: FE Online Induction on Infinite Loop Club on 24th Feb, 2021

Dr. Umesh Shinde—Faculty of Physics in BS&H Dept & the student team organized an online Induction of ‘**Infinite Loop Club**’ on 24th Feb, 2021 for the first-year students. Master Vedant Kokate, Mr. Amey Noolkar (Alum) conducted the session.

Registered Participants: The event witnessed 200 FE participants.

Objectives:

- To develop their understanding of concept of coding with complex computational abilities
- To use a computer to create complex programs.
- To use aspects of computational thinking to complete a goal.

Key Points: The student team created an awareness on the various significant parameters of coding and the competitions organized under Infinite Loop Club. They highlighted the relevant e-Safety issues with the technological characteristics of different applications of coding that are more suited for certain tasks.

Outcomes: The event enabled understanding of the role to create algorithms. & Complex programs. The competition on coding enables one to code, document, test, and implement a well-structured, robust computer program using the various programming languages.

Event 20: FE Online Induction on Project Competition Cell (PCC) on 25th Feb, 2021

The **Project Competition Cell (PCC)**, organised the first online event based on the introductory session on February 25, 2021 from 2.30 pm to 3.00 pm.

Objectives: To cover the following topics:

- What is the purpose of Project Competition Cell?
- How can it benefit Engineers?

Mrs. Nisha Vanjari -Computer Engineering Department, was the resource speaker for the occasion.

Registered Participants: FE 112

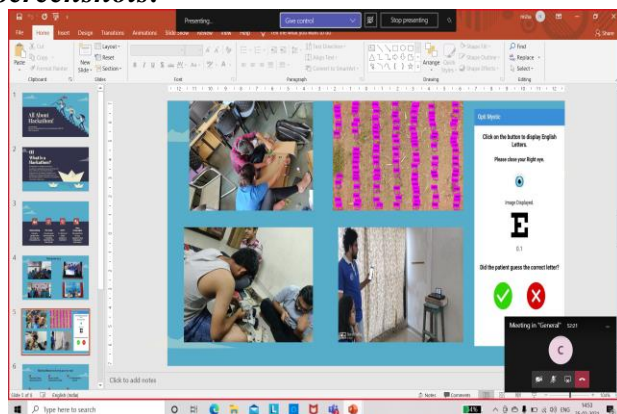
Key Points:

The host welcomed the Speaker, IET faculty and the attendees, after which there was a brief induction of Project Competition Cell by the Speaker. Master Nayan Bhatiya and Kartik Chawada who shared their experience of various project competitions. The last minutes were left open to the audience for interaction with the Speaker. The webinar ended on a note – “Do something meaningful that is valuable beyond the hackathon. You’re always a winner no matter what the jury decides!”

Outcomes:

- 1.Ability to develop new ideas and innovations to showcase their talent.
- 2.Ability to develop presentation skill to boost up their confidence.
- 3.Ability to develop ethics to increase project management strategies.
- 4.Ability to develop their research work.
- 5.Ability to develop customized project.

Screenshots:



Feedback link-

https://docs.google.com/forms/d/e/1FAIpQLSdhxSKQ6V3nfTEs4cwCttM1Vps6kVJGR9N72yf1Kuib3wY8Kw/viewform?usp=sf_link

Event 21: First Year Induction on “Dharma Studies” on 26th Feb, 2021

The Department of Basic Science & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on “Dharma Studies” on 26th Feb, 2021 at 2.30 pm by Ms. Reshma Kamble —Faculty at Dharma Studies, Somaiya Vidyavihar. The Induction program has been an initiative of the model curriculum of Undergraduate Studies in Engineering & Technology of HRD Ministry recommended by the AICTE, New Delhi. In this direction, KJSIEIT has implemented the induction training to the newly admitted students.

Objectives: The Induction Program aimed to impart information about the various courses—the ancient languages, cultural & foreign languages offered at Dharma Studies Centre at Somaiya Vidyavihar. It was organized to focus on training in Universal Human Values as a part of holistic measures as it also emphasizes to improve the quality of technical education.

Registered Participants: The event witnessed 126 FE participants.

Key Points: Ms. Reshma Kamble provided a brief overview of the various courses—the ancient languages, cultural & foreign languages offered at Dharma Studies Centre at Somaiya

Vidyavihar. Her presentation encompassed the importance of taking up ancient language courses—Prakrit, Sanskrit etc. to explore the rich Indian heritage. Ms. Reshma also discussed the excursion-academic tours of Indian archaeological sites to enrich the understating of the glorious Indian past.

Outcomes: The Induction session provided a succinct overview on the courses and its significance offered at Dharma Studies at Somaiya Vidyavihar campus.

There was a question-and-answer session followed by a ‘thank you’ note by Dr. Vrushali Deole. The participants completed the feedback formalities of the session.

Feedback link: <https://forms.gle/CYcTg2tMM1reSEvJ6>

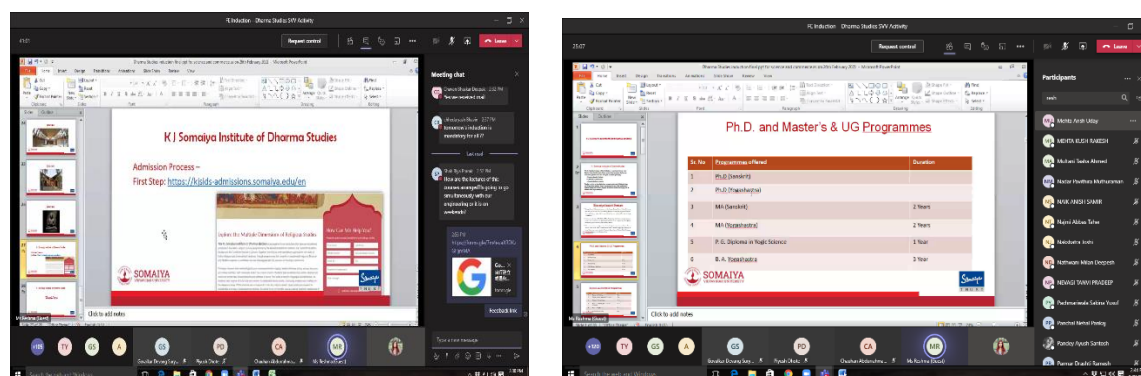


Image Clip: of First Year Induction on “Dharma Studies” on 26th Feb, 2021

Event 22: First Year Induction organized by Scientific Jugaadfunda on behalf of Maharashtra Chamber of Commerce Industry and Agriculture on 27th Feb, 2021

The Department of Basic Science & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction—a presentation by a team of *Scientific Jugaadfunda on behalf of Maharashtra Chamber of Commerce Industry and Agriculture (MACCIA) on 27th Feb, 2021 from 2.30pm-4.30 pm.* The Induction program has been an initiative of the model curriculum of Undergraduate Studies in Engineering & Technology of HRD Ministry recommended by the AICTE, New Delhi. In this direction, KJSIEIT has implemented the induction training to the newly admitted students.

Objectives: The Induction Program aimed to impart information on the role of MICCIA & attempted to create an awareness on the need for acquisition of employment skills. It also strived to build-in pre-requisites for entrepreneurial skills.

Registered Participants: The event witnessed 600 FE participants, including external college participants. The mode of conduction was via zoom.

Key Points: The mentor team—**Mr. Manish Patil & Mr. Venkatesh Melkote** provided a detailed perspective on the expectation from Industry from the academia. The anchor for the event was by Ms. Renuka Patil. The mentors shared their personal challenges on start-up ventures that had demands of –innovation, specialized skill-sets etc. The mentors provided the specific programs offered by MACCIA –viz Business Solution Polyclinic Program, Industry

Connect Internship Program, Industry-Readiness Internship Program, Enhancing Employability Skills, Nurturing Entrepreneurial Mindset.

Outcomes: The Induction event equipped the first-year students to grasp the challenges faced by the industry for placing appropriate candidates. It resulted in an awareness to acquire specific skill-sets—the employment skills required as per the demand of the Industry.

The participants were provided with an E Certificate post the event.

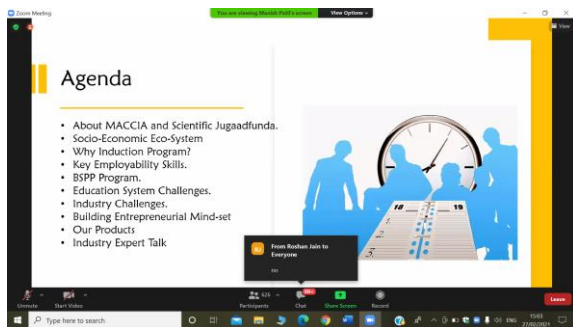
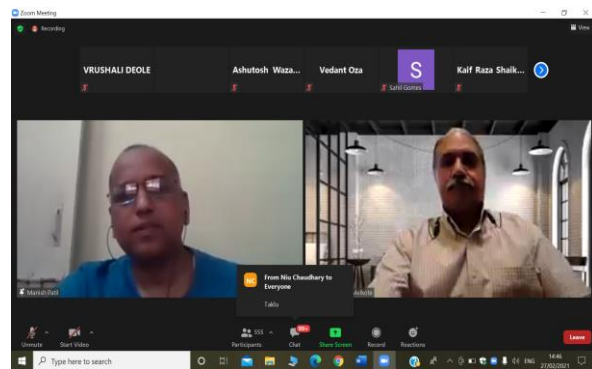
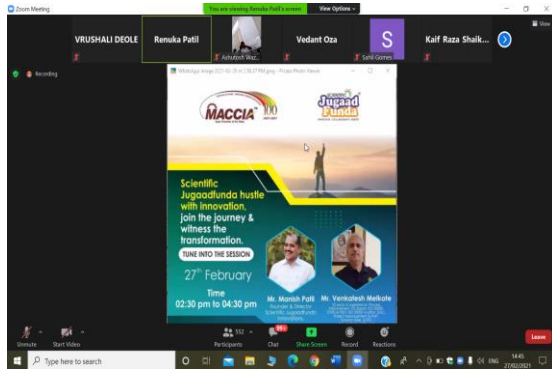


Image Clip: First Year Induction organized by Scientific Jugaad Funda on behalf of Maharashtra Chamber of Commerce Industry and Agriculture on 27th Feb, 2021

Event 23: First Year Induction on “Institution of Engineers” (IEI)—by Prof. Martand Jha on 1st March, 2021

Prof. Martand Jha & the Alumni conducted First Year Induction on “Institution of Engineers” (IEI) on 1st March, 2021.

Registered Participants: The event witnessed 150 FE participants

Objectives:

- To brief on the IET organized technical events like seminars, industrial visits, group discussions, technical quiz competitions, workshops and model/ poster competitions will be organized throughout the year with sponsor and banner of IEI.
- IET & its allied event such as –technical sessions to be conducted to provide a platform for presentation of technical papers and building fellowship and opportunities for networking with peers and Alumni to the Institution.

Outcomes: Prof. Martand Jha provided an overview on the benefits and roles of IEI to augment one’s expertise, develop knowledge and contacts and broaden career and professional horizons. The IEI statistical figure of IEI and its centres was provided to ensure participation in event with IET community members.

Key Points: <https://forms.gle/1S1RYksbq9kffQSt7>

Event 24: First Year Induction on “VYOM Club on 6th March, 2021

Dr. Umesh Shinde—Faculty of Physics in BS&H Dept & the student team organized an online Induction of ‘**VYOM Loop Club**’ on 6th March, 2021 for the first-year students. Master Pratik Gangapurwala & Mr. Amey Noolkar (Alumni) in coordination with Prof. S Badhe executed the event.

Alumni Amey Noolkar of Computer Engg Dept was the invited resource person.

Registered Participants: The event witnessed 200 FE participants.

Objectives:

- To inculcate a spirit of enquiry of astrological and spatial spheres
- To organize field-work live experiential learning to enable cosmological knowledge

Key Points: Dr. Shinde & the student team promoted the science of astronomy so as to foster astronomical researches. It aimed to provide incentives for astronomical observation and research by organizing ‘starry night (open field) observations. The club has been on forefront to invite globally acclaimed eminent astrophysicist scientist Dr. Jayant Narlikar for the guest lecture in the Institute.

Outcomes: The VYOM club promoted an interest & curiosity of Astronomy. The Institute is active in organizing stimulating Environment by hosting Educational, Practical and Social Activities in the local area, accessible to all ages and level of knowledge in terms of field work astronomical events.

Event 25: First Year Induction on “Robotics--Level 1 Workshop’ for AI&DS branch –by Prof. Ganesh Wadmare on 11th March, 2021

First Year Induction on “***Robotics--Level 1 Workshop’*** for AI&DS branch was organized by ***Prof. Ganesh Wadmare*** on 11th March, 2021 from 1.00 am to 1.00 pm. The event was organized by Dept. of Artificial Intelligence & Data Science & the Resource Persons were the Robocon Team Members: Mr. Saikat Duttaroy, Mr. Sushant Devgonde, Mr. Vivek Parmar, Mr. Alok Mahanto.

Registered Participants: 63

Outcomes:

The topics that were covered during Level 1 robotics are as follows:

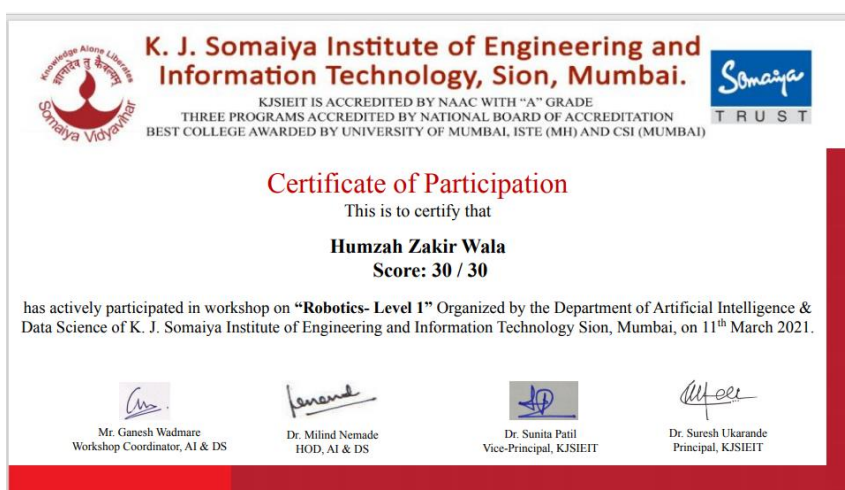
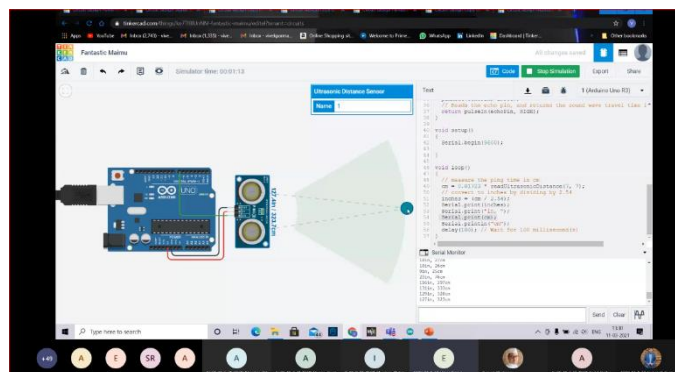
1. Introduction to Robotics
2. Sensors and Actuators used in Robotics
3. How to program robots
4. Explain projects on robots

Key Points:

Robotics is one of the emerging technology domains, to groom students in this area, AI&DS Dept. had planned for giving training to AI&DS students of FE in three different phases which was free of cost. First phase consists of a Level-I workshop in Robotics where FE students were taught to design line follower robots. While in Second Year and Third year, they will learn designing of Level 2 and Level 3 Robots (Training by ETRX Dept. Robocon Team Members) which will focus on designing wireless robots. After workshop training, we made 10 groups of students (6 to 7 students in a group) and every group was assigned a project task related to design of Level 1 Robotics. Also, the team conducted MCQ tests on the knowledge gained by students in the workshop and after successfully completing the assigned task and MCQ test, students were given graded certificates.

Outcomes:

1. After attending this workshop student were able to design Level I Robots as per the given specifications.
2. Students were able to demonstrate interfacing of different sensors with the processor.



First Year Induction on "Robotics--Level 1 Workshop" for AI&DS branch –by Prof. Ganesh Wadmare on 11th March, 2021

Event 26: Guest Lecture organized on "Supercapacitor: Basics to Advanced Applications" on 2nd April, 2021

The Department of Basic Science & Humanities (BS&H) organized a Guest Lecture on **"Supercapacitor: Basics to Advanced Applications"** for the first-year students on **2nd April, 2021 at 3.30 pm**. **Prof. Dr. B. R. Sankapal**, Professor of Physics at VNIT Nagpur, was the Resource Speaker for the event. The event was coordinated by faculties of BS&H—Dr. Umesh Shinde, Prof. Sanjiv Badhe & Dr. Vrushali Deole.

Objectives: The guest lecture was aimed to impart knowledge on the various usages of supercapacitors. It attempted to elaborate the working of a supercapacitor that is used for energy storage with different current cycles with energy storage properties.

Participants: The event witnessed 120 FE participants. The mode of conduction was via MS Teams.

Key Points: Dr. Sankapal commenced the expert talk by providing interdisciplinary domains & its applications where supercapacitors are used. He provided parameters of supercapacitors

in comparison to battery—charge, discharge efficiency, cycle energy, power etc. Flexible energy storage and role of hybrid supercapacitor. He further elaborated on its material, dimension & properties’ specification of supercapacitor. Cyclic voltammetry dynamics, cost, method, availability & domestic usage, surface architecture, study of electrodes, disadvantages of liquid state device, schematics of device fabrication in supercapacitors. Dr. sankapal shared his personal academic achievements for being instrumental in creating a glow-panel for VNIT, Nagpur.

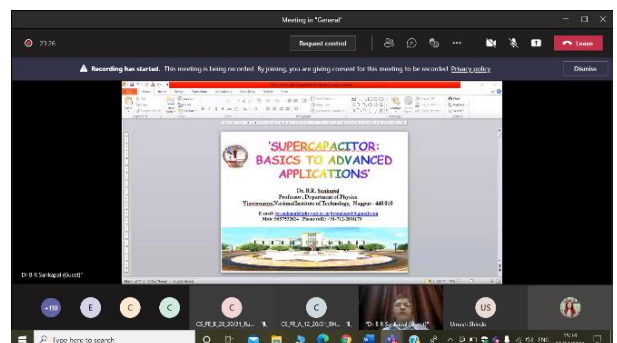
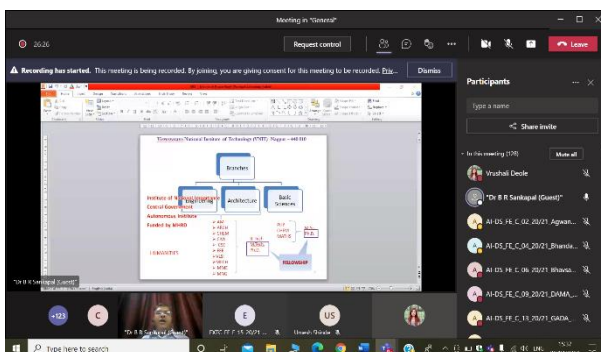
Outcomes: The guest lecture imparted vital information of workings of supercapacitors—basic to advanced. It equipped the first-year students to grasp the fundamental concepts of the topic in the domain of physics.

Profile of Resource Person: **Dr B R Sankapal** is a Professor in Physics. He has Worked as HoD, Chairman Board of Studies (Physics) & Senate Member - From July 2016 to May 2018. Ph. D. degree in Physics in 2001 from Shivaji University, Kolhapur. Teaching Experience: 10 Years (VNIT: 5 Year 6 months- Associate Prof, NMU: 4 Year 7 months- Assist. Professor) His Research Experience is of 17 Years. The abroad research experience is more than 05 years.

Awards: Young Scientist-Outstanding work presentation award by Material Research Society, Japan (MRS-J) in Dec 2005. Awarded by Department of Science and Technology (DST), Govt. of India to participate in the meeting of “Nobel Laureates” in Lindau, Germany-2001, was nominated for Shanti Swarup Bhatanagar Award-2018 by VNIT Nagpur.

Publications: 110, Ph D students: Completed-10; VNIT-03, NMU Jalgaon-07, VNIT-Working -02, Project Funding: TOTAL: 07 –Rs. 212.34 Lakhs. As HoD, successful to apply, and get sanction of FIST(DST): 2.47 Crores for Physics Department. He has been working as Management Council Member-Kendriya Vidyalaya Vayusena Nagar, NAGPUR- as Eminent Educationist (VMC Member), Government College of Engineering, JALGAON- BoS (Physics) Member & has been a Reviewer to more than 40 International Journals. He has also Worked as Expert for Academic Audit for Government Engineering colleges, an Expert Committee Member Invited by AICTE to visit towards sanction of engineering and technology in engineering colleges

Feedback link: <https://forms.gle/et5aGivw92z3tM4U7>



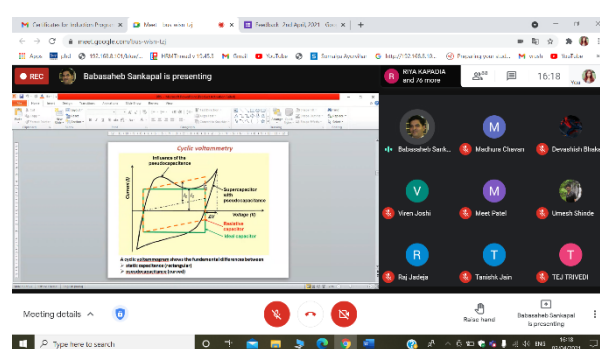
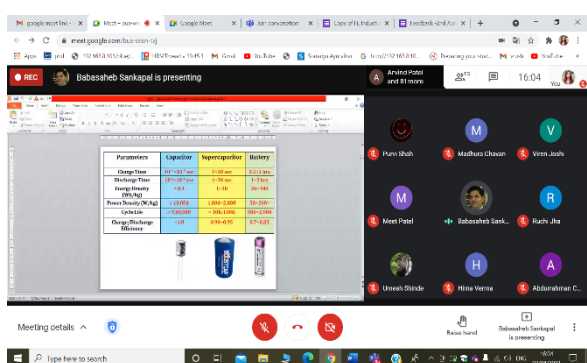
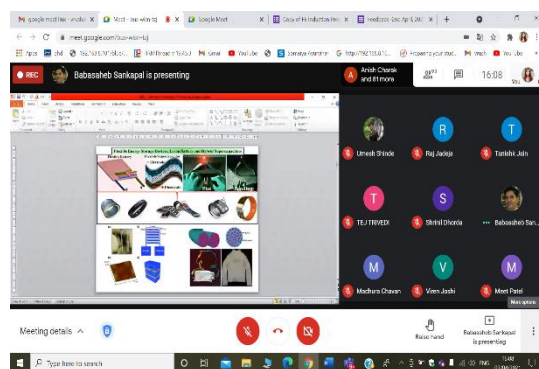
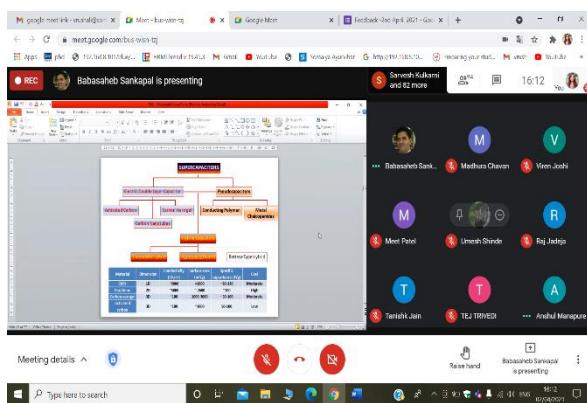


Image Clip: Guest Lecture organized on “Supercapacitor: Basics to Advanced Applications” by Dr. B.R. Sankapal, on 2nd April, 2021

Event 27: First Year Induction on ‘Career Opportunities for Engineering Students in Public Sector’ (COEPS) Cell on 8th March, 2021

The Department of Basic Science & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIET) organized the First Year Induction—a presentation on ‘*Career Opportunities for Engineering Students in Public Sector*’ (COEPS) Cell on **8th March, 2021** from 1.30–2.30 PM by Prof. Sandhya Deshpande—faculty of EXTC Dept. Miss. Anuska Jain –BE EXTC, Master Rohan Chaudhary—SE EXTC, Aathira Gopinath—SE EXTC, Krisha Chhawda—SE EXTC were the student team who presented briefly. Dr. Vrushali Deole—BS&H faculty coordinated the event.

Participants: 255 FE students

Mode: Online MS Teams

Objectives:

- To create awareness in FE students on career opportunities available in public sector
- To guide on the diversified job prospects & educational scope in public sector

Key Points:

Prof. Sandhya Deshpande provided a statistical analysis of the job endeavours undertaken by COEPS Cell. She presented a systematic data of the public centre undertakings—Central

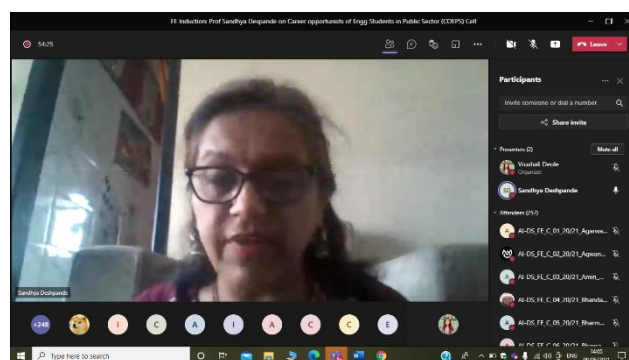
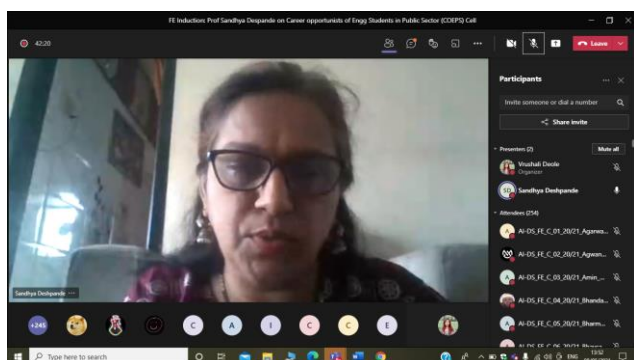
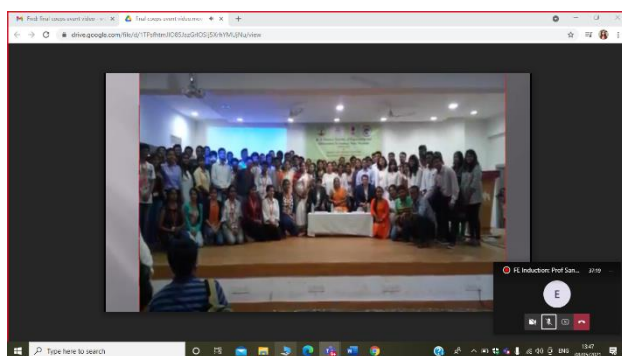
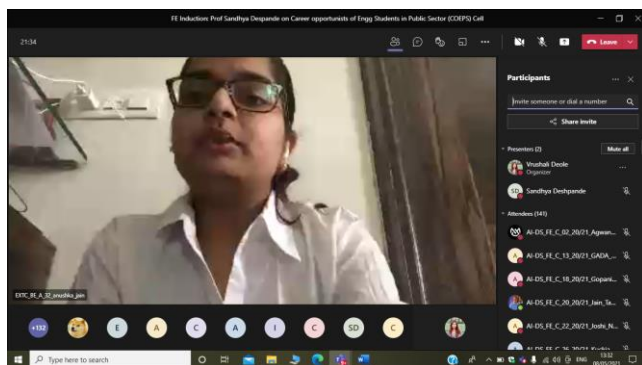
Railways, Film divisions, Nehru Science Centre etc. The FE students were encouraged to apply for internships offered by the public sector as a value-addition for the career. Prof. Sandhya also motivated the audience by providing list of luminaries from the IAS/IPS, Army, Navy, Airforce sector who have graced our Institute in the past.

Survey Link: <https://forms.gle/QLgqhBTrWcSMk5nf8>

Feedback Link: <https://forms.gle/cJEjXQASIUzUFdd4A>

Outcomes:

The FE students gained an insight of the significance of the COEPS cell with regards to jobs in public sector. It resulted in awareness to serve India while deploying one's professional capabilities for the development of the nation.



First Year Induction on 'Career Opportunities for Engineering Students in Public Sector' (COEPS) Cell on 8th March, 2021

Event 28: FE Online Induction Seminar on Industry-Institute-Interaction Cell (IIIC) –by Dr. Vaishali Wadhe (Dean, IIC) on 15th May, 2021

The Department of Basic Science & Humanities organized the **First Year Online Induction Seminar on 'Industry-Institute-Interaction Cell (IIIC)'**, the resource person for the same was **Dr. Vaishali Wadhe** (Dean, IIC) on **15th May, 2021** from 1.30 -2.20 PM.

Participants: 232 FE students

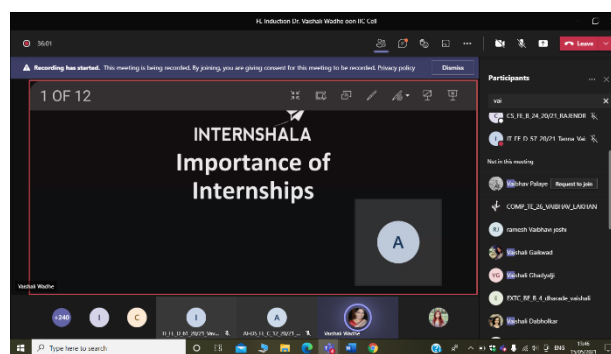
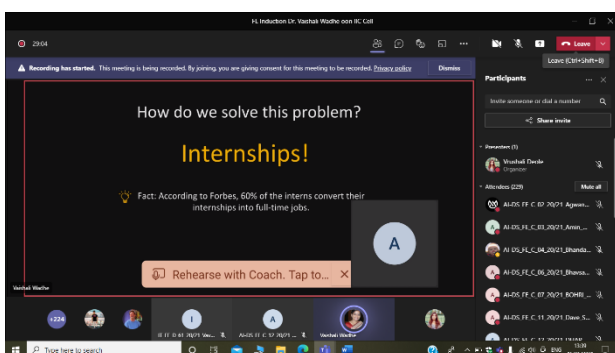
Objectives:

- The IIIC cell aims to provide updates on the Internships offered by various companies and Government agencies.
- It strives to impart the information while assisting the students to gain hands-on training allied to their core fields.

Key Points: Dr. Wadhe briefed the students on the concept of ‘Intershala’ & guided them on the significance of gaining real-time experience of working of the industry units. The session offered a detailed insight on the vital aspects of obtaining experience & training with various Internships—stipends, paid internships etc. during summer vacations.

Outcomes: The seminar provided a guidance & strategic meritorious aspect of placements. It resulted in increasing the awareness in the direction of acquisition of jobs with prior internship experience.

Feedback link: <https://forms.gle/dxyomMARMRdBdMCw6>



FE Online Induction Seminar on Industry-Institute-Interaction Cell (IIIC) –by Dr. Vaishali Wadhe (Dean, IIC) on 15th May, 2021

Event: 29: FE Online Induction on New Leap Initiative (NLI) Club –by Dr. Umesh Shinde (Dean, R&D) on 22nd May, 2021

The Department of Basic Science & Humanities organized the ***FE Online Induction on New Leap Initiative (NLI) Club –by Dr. Umesh Shinde (Dean, R&D) on 22nd May, 2021*** from 12.30 -1.30 PM. In addition, Alumni Mr. Rohit Bokade, (2019-2020 Batch of IT Dept) & M.E student at KJSIEIT & NLI team students—Miss Supriya Bhide, Mr. Archan Lagoo (2019-2020 Computer Dept) etc interacted with the students.

Participants: 155 FE students

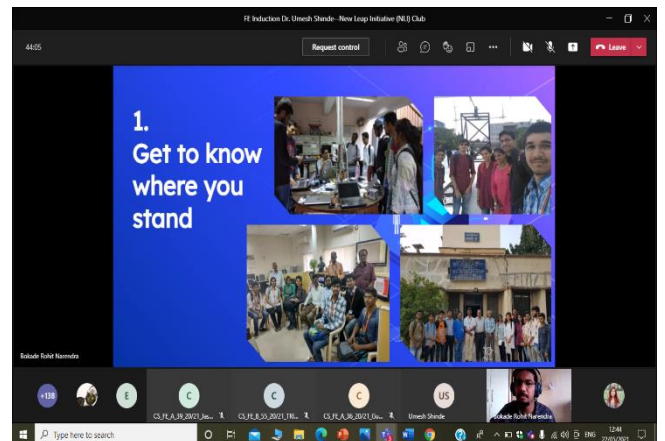
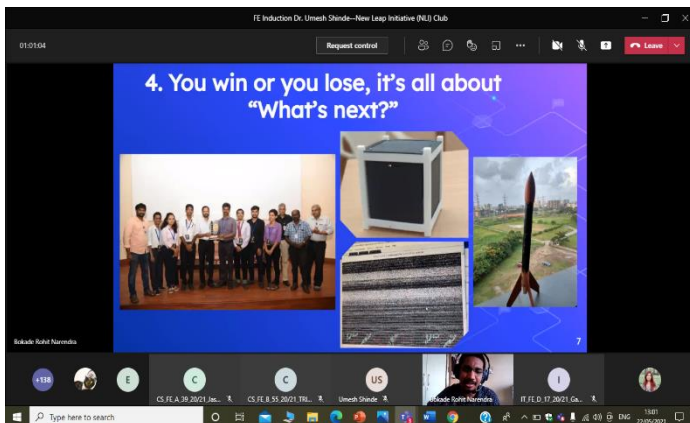
Objectives:

- The NLI Club aims to provide exposure in the domain of space technology with hand-on-training to work on inhouse satellite in Institute
- To learn fundamental concepts of space researches—antennas, signals, circuits, testing the HAM radio with an emphasis on ‘Make in India’ devices optimization of resources at disposal.

Key Points: Dr. Umesh Shinde provided an overview of the working of the New Leap Initiative Club working on mega projects of launching satellites, its awards, accolades etc. Mr. Rohit Bokade enriched the students with project guidance on spatial research. His guidance encompassed the trending studies, extensive researching, taking part in competitions, he shared the story from the establishment of the NLI Club with mega success stories of having won “*Touch the Jovian Moon*” by ISRO in 2018. Industry projects, structured part of the team for successive forthcoming satellite launch.

Outcomes: The NLI team provided a thorough direction in the domain of space technologies. The speaker equipped the learners with adequate knowledge on the advanced level projects like satellite launch undertaken by the NLI club.

Feedback link: <https://forms.gle/YUKpCzAkp97hW4pJA>



FE Online Induction on New Leap Initiative (NLI) Club –by Dr. Umesh Shinde (Dean, R&D) on 22nd May, 2021

Event 30: Panel Discussion on “Innovation and Start-up Ecosystem for Business Ventures”
Organized by IIC & Alumni Committee on 29th May, 2021

Institution’s Innovation Council (IIC) of KJSIEIT in association with **Alumni Committee** organized a *Panel Discussion* on “*Innovation and Startup Ecosystem for Business Ventures*” on **29th May, 2021** from 12.30 -1.30 PM. The invited panelists for the panel discussion were— (1) Mr. Rushil Chaturvedi, Risk and Technology Consultant, KPMG, Mumbai (2009-2013) Alumni, EXTC Dept, (2) Mr. Utkarsh Dhawan, Platform Team lead at Exportify Technologies (2017-2018) Alumni, Computer Engineering Dept, (3) Mr. Bharat Mishra, Co-founder & Partner, Stratagem Paramount (2012-2013) Alumni, ETRX Dept, (4) Mr. Dilip Singh, Goraiya Engineering Services, Mumbai (2017-2018) Alumni, IT Dept. The event was organized by Dr. Radhika Kotecha & Dr. Vrushali Deole in addition to the Alumni coordinators—Prof. Shubhada Labde (Comp Dept), Prof. Reena Lokare (IT Dept), Prof. Sarika Mane (ETRX Dept) & Prof. Pradnya Kamble (EXTC Dept). Miss. Delzeen Macchi, SE Compt Dept & Miss Gitika Jha, –TE, IT Dept. were student coordinators & moderators for the event.

Participants: 111 (75% Male, 25% Females), 4 Faculties

Mode: MS Teams

Objectives:

- To enhance the students' understanding on the importance of being 'job-providers'
- To motivate young minds to venture into the entrepreneurial abilities resulting in wealth creation & new markets.

Key Words: The Panel Discussion was instrumental in enhancing the knowledge on the trending factors in the market economy. The panellists provided a realistic view on the pivotal factors—funding agencies, government policies, exposure & updates needed to sustain in the competitive market. The panellists also offered a meticulous insight on the crucial role of having a right ‘mentor’ by shedding light on their personal inspirational stories. The discussion also steered along the evolving concept of success—often defined by failures in the experimental business plans. There was a generation of ideas so as the potential entrepreneurs were able to convert brilliant business plans into a success venture. In addition, the importance of great team work for a successful business venture was emphasized with the individual skill-sets as prerequisites to enhance prospects to convert a business proposal into a successful innovative entrepreneurial venture.

Outcomes:

- The panel discussion facilitated an open dialogue between the panellists and the audience with a gained awareness on the market trends with prospective ventures
- It equipped the students with practical tips of innovation & creativity to overcome the competitive threats in the market so as to set emerge as a successful entrepreneur

The participants were provided with an E Certificate post the completion of feedback formalities.

Feedback Link: <https://forms.gle/cahL5RVc5eNtPfYi9>

The poster features the logos of Somaiya Vidyavihar and the Institution's Innovation Council. The central text reads: "Panel Discussion on 'Innovation and Startup Ecosystem For Business Ventures' Organized By: [] Date: 29th May (Saturday), 2021 [] Time: 12.30 – 1.30 PM [] Mode: Microsoft Teams". Below this, four panelists are listed with their photos and names: Mr. Dilip Singh (Goraiya Engineering Services, Mumbai), Mr. Bharat Mishra (Co founder and Partner, Stratagem Paramount), Mr. Rushil Chaturvedi (Risk and Technology Consultant, KPMG, Mumbai), and Mr. Utkarsh Dhawan (Platform Team lead at Exportify Technologies). The bottom of the poster includes social media handles for KJSIEIT and IIC.



Image Clip: Panel Discussion on “Innovation and Start-up Ecosystem for Business Ventures” Organized by IIC & Alumni Committee on 29th May, 2021

Event 31: Slogan Making Competition Organized by Department of Basic Science & Humanities on 5th June, 2021

The Department of Basic Science & Humanities Organized the “**Slogan Making Competition**” on **5th June, 2021** from 10.00 AM – 11. 00 AM. In the milieu of **Online FE Induction** aimed to hone–Creative Arts, Cultural and Literary Skills, the ‘Slogan Making Competition’ was organized with the view of creating an awareness of combating the Pandemic with relevant theme provided to the FE students.

Objectives:

- To provide an impetus for showcasing the creative linguistic abilities of the students

- To enhance the pre-requisite for managerial & marketing skills on the employability parameter.

Participants: FE Students (19 participants =78% boys & 22% girls)

Mode: MS Teams

Key Points: In the context of the COVID-19 pandemic on rise, the need of the hour is universal adoption of safety measures. As prevention is better than cure, it is essential to strictly follow precautionary measures such as washing hands at frequent intervals, maintaining social distancing, wearing masks at public places all the time. However, it has been observed that there are still many individuals who are reluctant to follow the safety measures, thereby, not only putting themselves at risk, but also the society at large. “**Three Best Winners**” & participants were rewarded with an E-Certificate

Winners of Slogan Competition:

Sr. No	Name of the Participant	FE Branch	Prize Position
1.	Vedant Ritesh Lakhera	EXTC	1 st Prize
2	Chauhan Abdurrahman Altaf	IT	2 nd Prize
3	Himanshu Kishor Halbe	EXTC	2 nd Prize
4	Mansi Jalindar Gawade	IT	3 rd Prize
5	Aditya Purshottam Mandhania	EXTC	3 rd Prize

Registration Link: <https://forms.gle/T9KwsiBhaPXTwZJ47>

Outcomes:

- The **Slogan Competition** provided an impetus for showcasing the creative literary abilities that is a fundamental pre-requisite for managerial to marketing skills on the employability parameter.

Slogan Making Competition

Topic : Creating an awareness of combating the pandemic

Slogan –

" In this pandemic ERA, we get barrier in Carrera (Spanish - race , carrier), keep your heart of steel, until we all get heal...!"

Name: Vedant Lakhara
Roll no: 38
Div - E
Branch - EXTC



KEEP CALM & FIGHT THIS TOGETHER

Do's and Don't to Protect Ourselves from Coronavirus

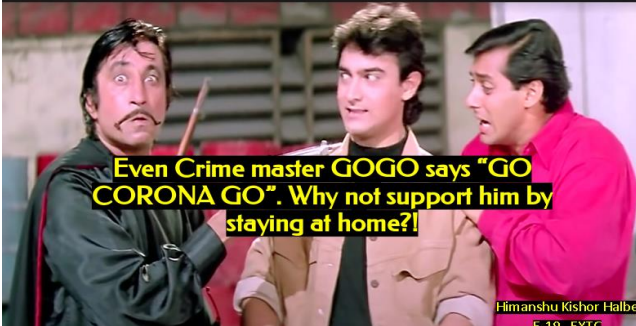
Either cover your face else be ready that your body will be covered after your death



IN COVID SITUATION HUMAN BECAME THE ENEMY OF ONE OTHER ,BUT WE HAVE TO FINISH THE COVID NOT THE HUMANITY.

Name : mansi jahndar Gawade
Div : D_IT_17.

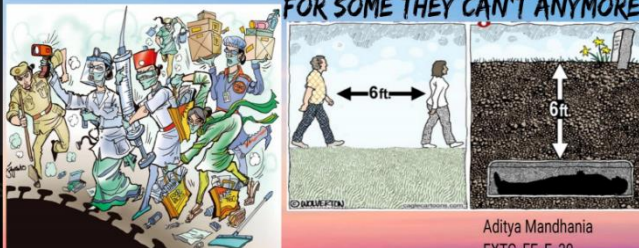
Even Crime master GOGO says "GO CORONA GO". Why not support him by staying at home?!



Himanshu Kishor Halbe
E-19 EXTC

STAY HOME WITH YOUR LOVED ONES

FOR YOU SOME WON'T , FOR SOME THEY CAN'T ANYMORE



Aditya Mandhania
EXTC_FE_E_39

Image Clip: Slogan Making Competition Organized by Department of Basic Science & Humanities on 5th June, 2021

Event 32: Group Discussion on "Will Artificial Intelligence (AI) Take Away the Future Jobs?" Organized by Department of Basic Science & Humanities on 5th June, 2021

The Department of Basic Science & Humanities Organized "Group Discussion" on **5th June, 2021** from 12.30 PM – 1.30 PM. In this milieu of **Online FE Induction** aimed to hone the – Soft skills, Interpersonal Communication, & conduction of a Literary Activity. The topic for the Group Discussion on "**Will Artificial Intelligence (AI) Take Away the Future Jobs?**": (Competitive Event) witnessed an Esteemed Alumni. **Ms. Shivani Shivshankar** (Alumni of EXTC 2017-2018 pass out) –Developer Telus Inc. as the invited Judge for the event.

Objectives:

- To inculcate interpersonal skills & generate creative thinking
- To create awareness on the topic & to seek answers and solutions of the topic in discussion
- To enhance analytical abilities on a particular given topic with democratic approach

Participants: FE Students 33 registrations

Key Points: The event resulted in generation of innovative ideas, the crucial role of professional discussion techniques for engineering students so as to enhance their career prospects. The judge provided a detailed analytical feedback –the dos & don'ts as contributory parameters in the direction of the placements. The winners & participants were issued an e-certificate post the successful conduction of the event.

Outcomes: The Group Discussion Event enriched the realms of critical thinking, communication articulation, general awareness on recent technical trends in the domain of AI.

Registration Link:

<https://forms.gle/LKGGpKm1tg8AJ4jM7>

SOMAIYA VIDYAVIHAR
K J Somaiya Institute of Engineering and Information Technology
An Autonomous Institute affiliated to University of Mumbai
Accredited by MAAC and NBA, Approved by AICTE, New Delhi

The Basic Sciences & Humanities Department Organizes
A Group Discussion Competition on
"Will Artificial Intelligence (AI) Take Away the Future Jobs?"
For First Year Students
"Three Best Winners" will be rewarded with an E-Certificate

Date: 5th June, 2021
 Time: 12:30 – 1:30 PM
 Mode: Microsoft Teams
 Judge: Eminent Alumni
 Registration Link: <https://forms.gle/LKGGpKm1tg8AJ4jM7>

SOMAIYA VIDYAVIHAR
K J Somaiya Institute of Engineering & Information Technology

CERTIFICATE OF PARTICIPATION

Miss. Riya Pramir Shah
Of First Year IT Department
WON the 1st Prize
in Group Discussion Competition on
"Will Artificial Intelligence (AI) take Away the Future Jobs?"
held on 5th June, 2021
organized by
The Department of Basic Sciences & Humanities

Dr. Harsha Mishra
BSS&H HOD

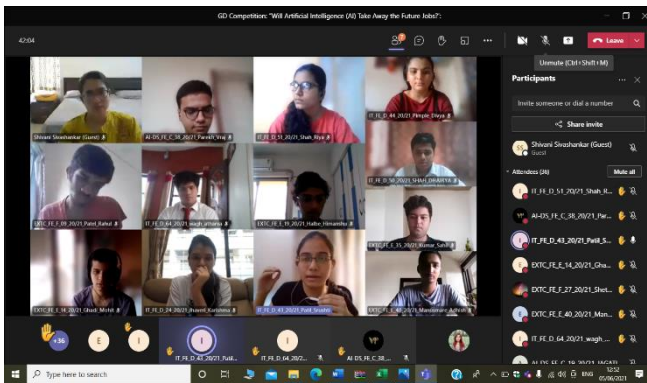
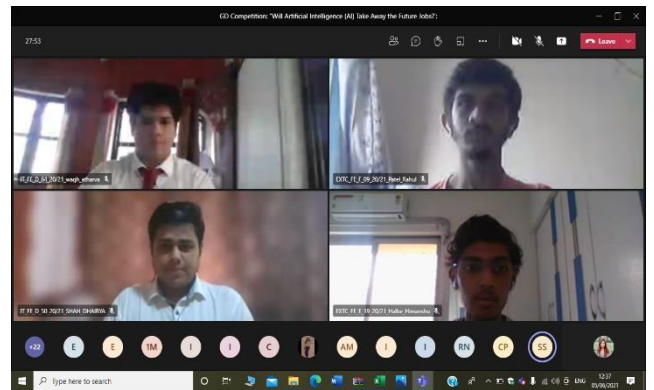
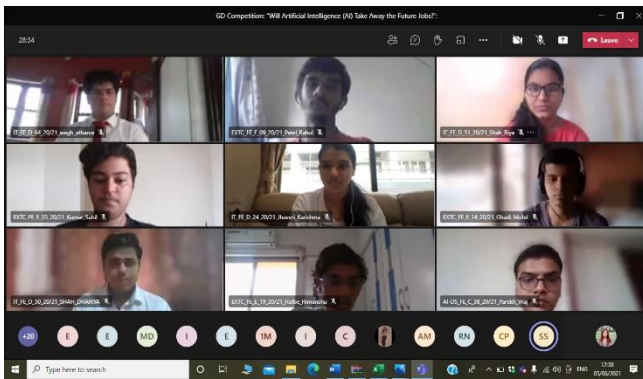
Dr. Sunita Patil
Vice Principal

Dr. Suresh Ukarande
Principal

List of Winners for Group Discussion Competition

Sr. No	Name of the Presenter	Department	Award
1	Miss Riya Parmir	Information Technology	1 st Prize
2	Master Dhairya Shah	Information Technology	2 nd Prize

3	Master Atharva Wagh	Information Technology	2 nd prize
4	Miss Karishma Jhaveri	Information Technology	3 rd Prize



Image

Clip: Group Discussion on “Will Artificial Intelligence (AI) Take Away the Future Jobs?” Organized by Department of Basic Science & Humanities on 5th June, 2021

“Changing Stereotypical Gender Roles” Expert Talk organized on 28th May, 2021

The Internal Quality Assurance Cell (IQAC) in Association with the Basic Science & Humanities (BS&H) Department of K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai organized an Expert Talk on "***Changing Stereotypical Gender Roles***" on 28th May, 2021 from 4.00 pm – 5.00 pm for faculties and students of the Institute. The Resource Person for the event was Dr. Vrushali Deole, Faculty—BS&H Dept. The event was organized by Prof. Vivek Mane—IQAC faculty member BSH department, Prof. Vrinda Ullas—IQAC Coordinator, and Dr. Harsha Mishra—HoD—BS&H Department.

Objectives:

- To create an awareness on 'gender diversity' that offers a new hope for the configuration of new gender roles in the realistic situation.
- To demonstrate departure of stereotypical gender roles as represented in mass media with an emphasis on gender equality.

Date & Day: 28th May (Friday), 2021

Time: 4.00 PM - 5.00 PM

Presenter: Dr. Vrushali Deole (Faculty: BS&H Dept.)

Brief Profile: Dr. Vrushali Deole holds a PhD from Mumbai University, Dept. of English in 2017, the PhD Thesis “Gender Metamorphosis & Sexual Transformation in the Works of Devdutt Pattanaik”. She has been in KJSIEIT since 2005 till date, teaching subjects – Communication Skills, Business Communication & Ethics, Human Resource Management etc. In the research domain she has presented papers at International Conferences at Ireland, UK, Austria, Turkey, Munich etc.

Mode: MS Teams

Participants: 255 (63% Male, 33% females, 15% faculty)

Key Words: The expert talk commenced with Prof. Vivek Mane who briefly introduced the speaker followed by Dr. Harsha Mishra’s addressed who stressed on the need to create an awareness in today’s youth to embrace gender diversity. The speaker—Dr. Vrushali Deole provided vibrant examples from ancient Indian myths, scriptures by citing examples of gender-queer gods, androgynous forms of deities—Lord *Ganesh*, Lord Narsimha, Lord Shiva’s *Ardhanarishwar* form etc. The first segment of her presentation encompassed the suppressed feminine characters in Indian myths while correlating it to the contemporary scenario. The latter part of the presentation revealed instances of gender metamorphosis and sexual transformation of Indian Gods. The ancient Indian scriptural past was correlated with the present plight of the non-heteronormative genders—the third gender, the transgenders, transexual,

transvestite individuals in Indian set-up. The seminar was concluded with vote of thanks and question and answer session

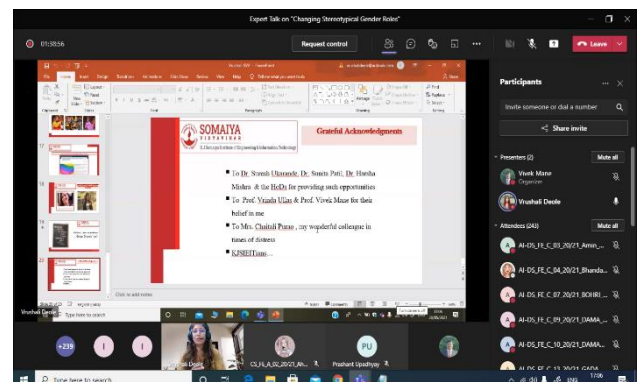
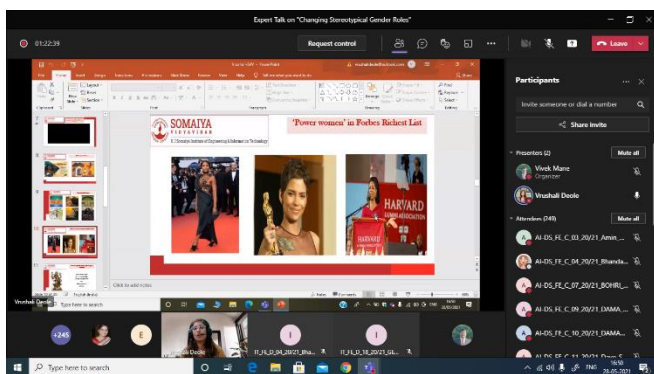
Outcomes:

- The expert talk enabled the students to gain a detailed insight into the rich ancient Indian resources that had evidences of queer gender
- By discussion of various mythical themes, the dialogue created compassion towards the all-gender permutations, thereby raising the vision for a greater acceptance of gender diversity.

Summary of feedback received

- Out of 255 respondents around 94% found that the seminar achieved its objective
- Most of the respondents felt that the seminar was well researched and extremely important points were put forth regarding sexism, racism changing stereotypical gender roles

The participants were provided with an E Certificate post the completion of feedback formalities.



Expert Talk on "Changing Stereotypical Gender Roles" organized on 28th May, 2021

Motivational Talk on the occasion of "Shiv Swaraj Din" on Chhatrapati Shri. Shivaji Maharaj--an Inspirational Ruler!" on 6th June, 2021

The Department of Basic Science & Humanities in Association with The Student Council of KJSIEIT, Sion, Mumbai, organized a ‘Motivational Talk’ on the occasion of “Shiv Swaraj Din” on Chhatrapati Shri. Shivaji Maharaj--an Inspirational Ruler!” on 6th June, 2021 from 4.00 PM – 5.00 PM. The talk was organized for faculties, staff and students of the institute. **Shri. Nikhil Shyamsunder Sabnis**, M.Tech (Civil Engineering), a former faculty at Bharti Vidyapeeth & currently pursuing an educational enterprise, was the invited Resource Person for the event.

Participants: 125 (45% females & 55% Males)

Mode: Zoom

Objectives:

- To motivate the patriotic spirit of freedom in modern times with glorious examples of India’s Greatest King Chhatrapati Shri. Shivaji Maharaj as a judicious ruler.
- To emphasize on virtuous qualities of the King by a mindful approach on the historical aspects of rich ancient past of Maharashtra.

Key Points: The event commenced with a ‘welcome note’ by **Mrs. Gauri Gothivrekar**— Librarian, KJSIEIT. **Principal—Dr. Suresh Ukarande** emphasized on the significance of celebration of *Shiv Rajyabhishek Din* being celebrated to mark the 348th ‘Coronation Day’ of Chhatrapati Shivaji Maharaj. The event as per the directives of University of Mumbai, was aimed to infuse a patriotic spirit with a pride of ‘freedom’ gained while fighting against the foreign forces in the state of Maharashtra. He provided an inspiring instance of the conquest of Torna fort with its historical significance as it was the first fort captured by **Shivaji Maharaj** in 1646, at the young age of 16. Dr. Ukarande also cited the Vietnam- America war that was largely inspired by the ‘Guerrilla tactics’ deployed by Shivaji Maharaj in primitive times, that resulted in the great win of the Vietnamese troops despite it being a smaller nation. He appealed the youth to imbibe values of bravery, obedience, faith, strategist policy, with judicious implementation while cherishing the rich historic past of one of the greatest rulers of Maharashtra.

The presenter **Shri. Nikhil Sabnis** commenced his talk on a commemorative note of historical precedents. Through the inspirational episodes in the life of Shivaji Maharaj, he adapted the technique of correlation of the great ruler’s skills—Shrewd Diplomat, Brave Warrior, an Obedient Disciple, Military Strategist, an Insightful ‘Management Guru’. The virtuous qualities, he urged the youth, with due relevance must be applied in modern times. Highlighting the exemplary qualities of the great ruler, he counseled the youth for acquisition of—Focus, Data Collection, Continuous Development, Involve People & Micro Detailing. The characteristic features of the great King with historic episodes of the opponent invaders—Afzal Khan, Shaista Khan, Fateh Khan etc who were brilliantly defeated with a—Detailed Research, Unbiased Analysis, Confidentiality on his Ministers, Self-introspection with Continuous Improvement, Instruction-Follow-up & Work -execution, Implementation of Feedback etc. were the strikingly inspirational qualities of Shivaji Maharaj that were shared by the speaker in the motivational session.

The event concluded with a ‘thank you’ note by Mrs. Gauri Gothivrekar & with a national anthem. The participants were provided with an e-certificate post the submission of feedback formality of the event.

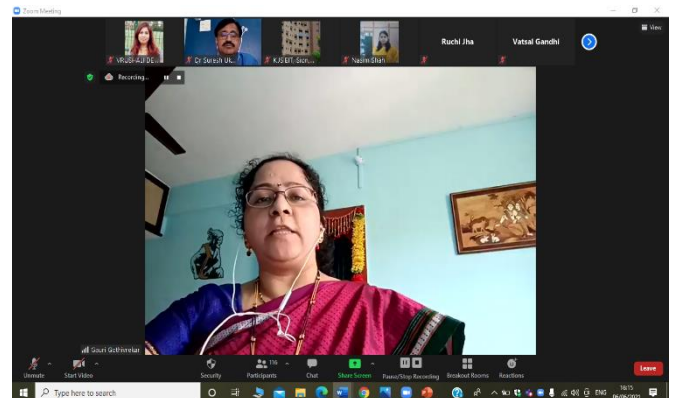
Outcomes:

- The participant’s level of awareness was raised with historical episodes of the glorious attributes of Chhatrapati Shri. Shivaji Maharaj as a judicious ruler.
- It inspired the participants to imbibe qualities of patriotism while upholding the ethical values in society.

Feedback Link: <https://forms.gle/FYZQ8Fv2Z5wvWSEL8>



The poster features the logo of Somaiya Vidyavihar on the left. The text reads: "SOMAIYA VIDYAVIHAR K J Somaiya Institute of Engineering and Information Technology An Autonomous Institute affiliated to University of Mumbai Accredited by NAAC and NBA, Approved by AICTE, New Delhi". Below this, it states: "The Basic Sciences & Humanities Department in Association with The Student Council Organizes A Motivational Talk on 'Chhatrapati Shri. Shivaji Maharaj--an Inspirational Ruler!!' For KJSIEIT Faculty, Staff & Students". On the right is a portrait of Shivaji Maharaj. In the center is a circular portrait of the resource person, Shri. Nikhil Shyamsunder Sabnis. At the bottom left, the details are listed: "Date: 6th June, 2021", "Time: 4.00 PM", and "Mode: Zoom Meeting". At the bottom center, it says "Resource Person: Shri. Nikhil Shyamsunder Sabnis".



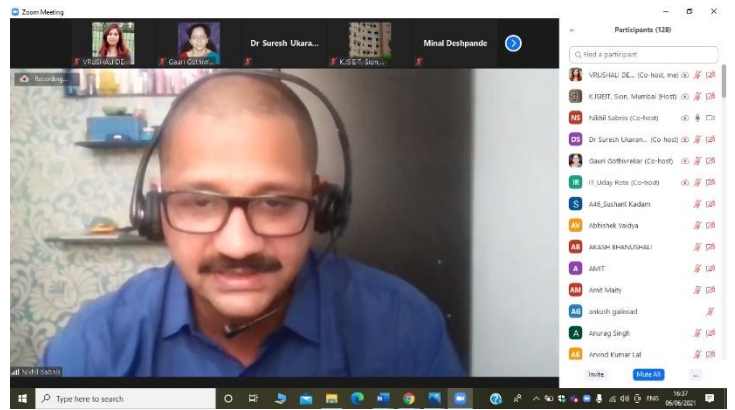
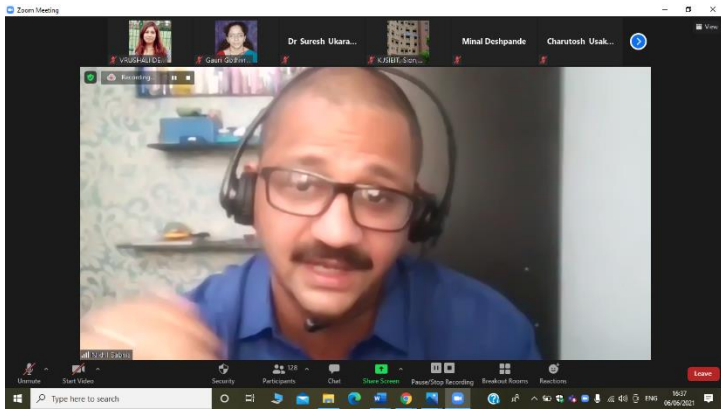


Image Clip: Motivational Talk on the occasion of "Shiv Swaraj Din" on Chhatrapati Shri. Shivaji Maharaj--an Inspirational Ruler!" on 6th June, 2021

One-week Short Term Training Program (STTP) for Faculty and Staff on 7th June, 2021 from 4.00 PM- 6.00 PM on "Implementation of BS&H Curriculum" Speaker: Dr. Harsha Mishra

K J Somaiya Institute of Engineering & Information Technology (KJSIEIT) organized a One-week Short Term Training Program (STTP) for Faculty and Staff From **14th May -7th June 2021**.

Brief Background: K J Somaiya Institute of Engineering & Information Technology (KJSIEIT), Sion, a constituent college of Somaiya Vidyavihar has been conferred with Autonomous Status for a period of 10 years from the AY 2021-2022 to AY 2030-2031 (conferred in March 2021) as per provisions of Clause 3.13 and Clause 6.4 of UGC Regulations dated 12.02.2018. The autonomous status has accorded KJSIEIT the academic freedom to float its own syllabus and customize it as per the cutting-edge global technical trends. With systematized efforts, KJSIEIT embarks on a vision to be competent & aim for 'employment-centric' syllabus.

Offering its services in producing top-quality engineers and innovators of tomorrow, KJSIEIT has been accredited the "A" Grade by NAAC along with NBA (National Board of Accreditation). Moreover, the institute has been recognised for its impeccable academic record as can be depicted through its numerous awards and recognitions. KJSIEIT is the 7th Engineering College affiliated to Mumbai University to be conferred with the autonomous status.

STTP Objectives:

- To train KJSIEIT faculty & staff for the roles, responsibilities & to have an action plan for implementation of the Autonomy.
- To emphasize & execute academic exposure, continuous assessment, NBA & accreditation as a progressive endeavour KJSIEIT.

Participants: KJSIEIT Faculty & Staff (130)

Session 12: 7th June, 2021 (Monday), 2021 (4.00 PM – 6.00 PM)

Topic: “Implementation of Basic Science & Humanities (BS&H) Curriculum”

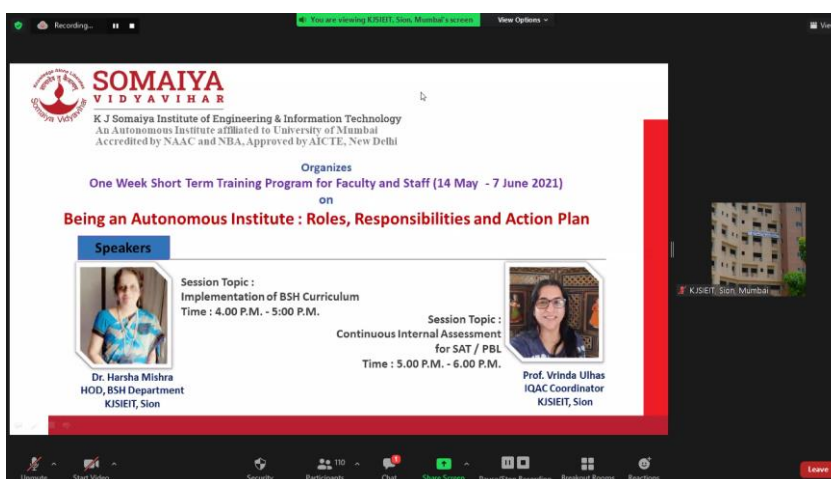
Resource Speaker: Dr. Harsha Mishra—Head, BS&H, KJSIEIT

Key Points: Dr. Harsha Mishra, HoD of BS&H dept. provided a brief overview on the introduction of First Year Curriculum. She apprised the participants on—Examination Scheme, Student Induction Program, Content Covered & Overall Structure of the FE Curriculum. In addition, the weightage of marks with credit system was discussed. Dr. Harsha also guided on interdisciplinary approach—Skill, Activity, Technology (SAT) courses, its implementation at the FE level in the autonomous curriculum. The rationale to introduce the SAT courses was to equip with proficient technical and management relevant skill-sets.

Dr. Harsha presented a strategic FE Curriculum plan—weightage of syllabus in Sem I & II, category(attributes), range of courses that will be offered etc.

Outcomes:

- KJSIEIT faculty & staff gained a detailed insight to be able to implement ‘autonomous’ curriculum by implementing the FE curriculum with relevant technologies.
- The BS&H Dept will be able to seamlessly incorporate an interdisciplinary approach—Skill, Activity, Technology (SAT) to equip with proficient technical, activity & management relevant skill-sets to the FE students.



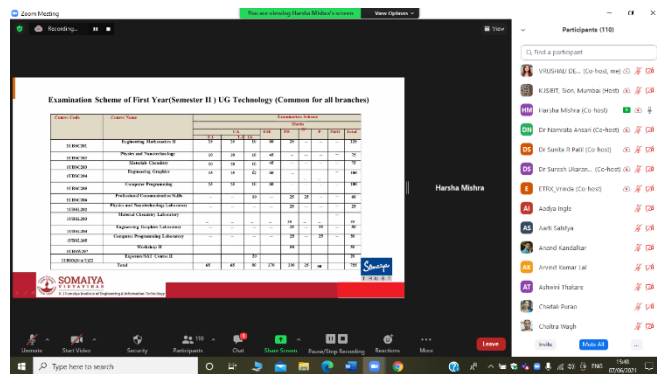
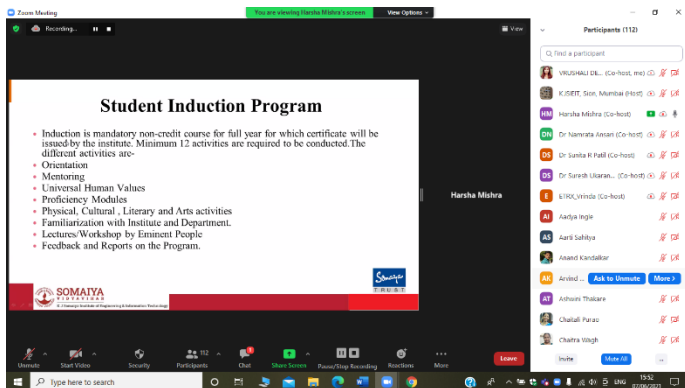


Image Clip: STTP for Faculty and Staff on 7th June, 2021 from 4.00 PM- 6.00 PM on “Implementation of BS&H Curriculum” Speaker: Dr. Harsha Mishra

Event 33: “Reading Skills-a Career Game Changer”, Organized on the Occasion of ‘National Reading Day’ on 19th June, 2021

The Department of Library of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction event—a ‘Guidance Workshop’ on “Reading Skills-a Career Game Changer”, organized on the Occasion of ‘National Reading Day’ on 19th June, 2021 from 10.00 AM – 11. 00 AM. The session was organized to commemorate the death anniversary of social reformer PN Panicker, known as the “Father of the Library Movement” in India, who passed away on 19th June in 1995 after revolutionising the practice of reading in the country. The event was presented by Dr. Vrushali Deole—Faculty in BS& H Department and was coordinated by Mrs. Gauri Gothivrekar—Librarian KJSIEIT.

Participants: 196 FE students (76% boys & 24 % girls)

Mode: Online MS Teams

Objectives:

- To reinforce linguistic abilities with a focus on career enhancement
- To inculcate the critical thinking for academic environment
- To emphasize on types of Reading skills: skimming, scanning, predicting, & comprehension

Key Points:

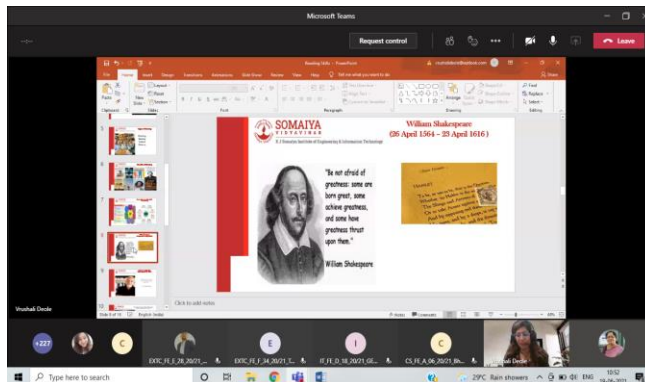
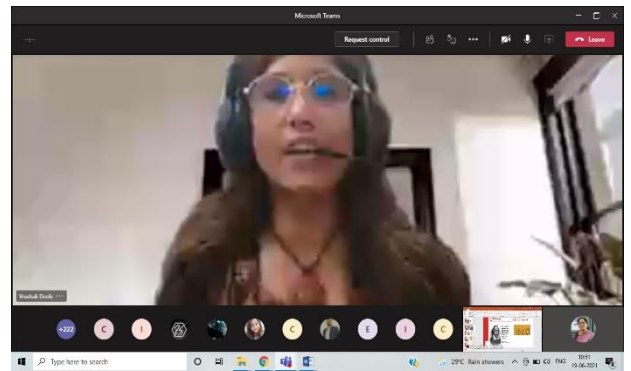
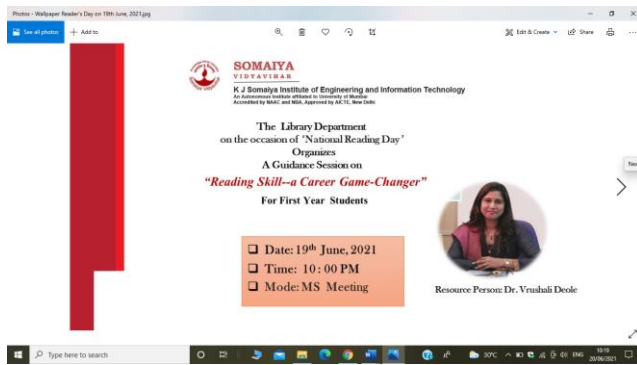
Dr. Vrushali Deole divided presentation into two pedagogical sections—the first being the crux on theoretical paradigms of ‘Reading’ as one of the foremost fundamental skill & the latter on the inspirational global literature. The various of book genres—adventure, fantasy, fiction etc. were discussed. In addition, blocks to effective reading & guidance on inculcating reading skills for enhancing placement situations were recommended to the students. Also, few of the inspirational poems, novels, plays were briefly presented.

Outcomes:

- The FE students gained an insight into the types, significance of ‘Reading’ for placement situations.
- The learners acquired view on the need for harnessing of ‘Reading’ as a practice for career enhancement

The event concluded with a ‘thank you’ note by Mrs. Gauri Gothivrekar. The participants were provided with an e-certificate post the completion of formalities of the session.

Feedback Link: <https://forms.gle/HYX2pLmA1zJZ8yiz8>



“Reading Skills-a Career Game Changer”, Organized on the Occasion of ‘National Reading Day’ on 19th June, 2021

Event 34: “International Yoga Day Celebration on 19th June, 2021 by Prof. Sanjiv Badhe

The Department Basic Science & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction event—a ‘Yoga Session’ **organized on the Occasion of ‘International Yoga Day’ on 19th June, 2021** from 12.30 PM – 1. 30 PM. The Resource Person for the session was Prof. Sanjiv Badhe—faculty in BS&H Dept.

Participants: 108 FE students (75% boys & 25 % girls)

Mode: Online MS Teams

Objectives:

- To build an enduring physical & mental health through Yoga
- To develop the habit of meditation among youngsters for peace of mind, self-awareness, for a stress-free existence.

Key Points:

Prof. Sanjiv Badhe shared the theoretical paradigms of the fundamental Asanas by demonstrating various *asanas* as per the guidelines in Common Yoga Protocol issued by *Ayush Mantralaya* as per the directives of Government of India. The session encompassed the detailed meaning of the ‘Yoga’ as well as the significant aspects. The resource person brought to light the earliest Indian philosophy while providing a detailed insight on the tangible aspects of Yoga. He particularly discussed on the correct postures and suggested the active role of Yoga techniques to overcome various ailments. He also demonstrated various *asanas* that are essential for striking a harmonium relationship between one’s body, mind and soul. In a same direction, He assisted the staff to practice those steps scientifically. Ranging from simple to complex, some of the trained *asanas*— *Tadaasan, Vrukshaasan, Trikoanaasan, Padahastaasan, Vajrasan, Bhadrasan, Vakrasan, Bhujangaasan, Shalabhaasan, Setubandhaasan, Pawanmuktaasan*. In addition, *Kapalbhati Kriya* and *Anulom Vilom Pranayama* techniques were also demonstrated.

Outcomes:

- The students acquired awareness on pivotal role of ‘Yoga’ in routine situations as a means of stress buster.
- The practical implications of *yogasanas* have a crucial role to play in the mental & physical health for one’s holistic wellbeing.

The event concluded with a yoga prayer & with a ‘thank you’ note by Dr. Vrushali Deole. The participants were provided with an e-certificate post the completion of feedback formalities of the session.

Feedback Link: <https://forms.gle/9wGgdeyzz5FEyok89>

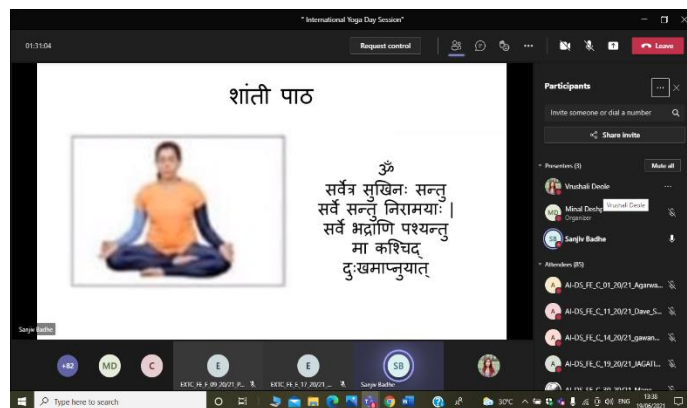
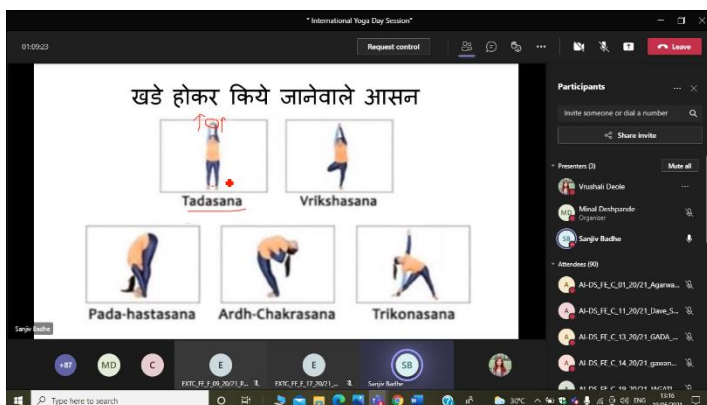
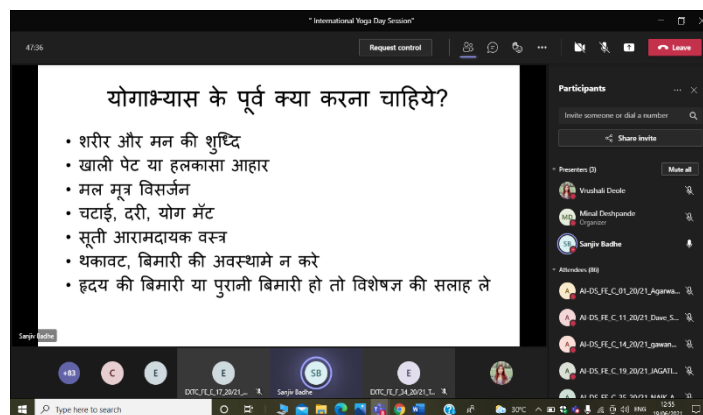
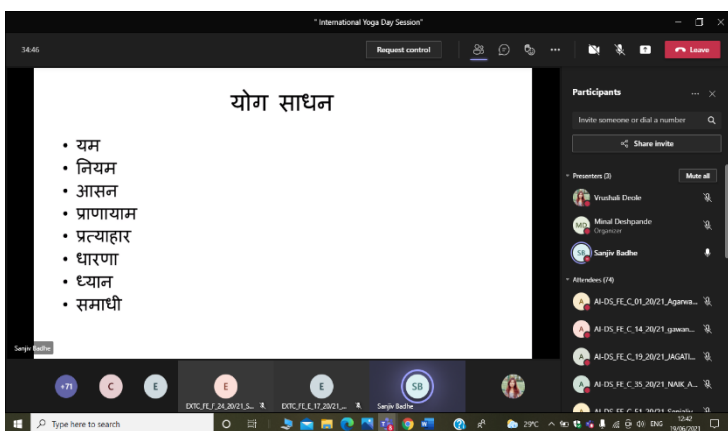
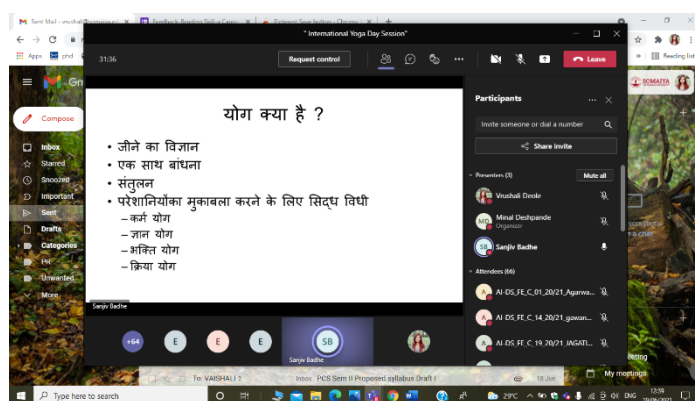
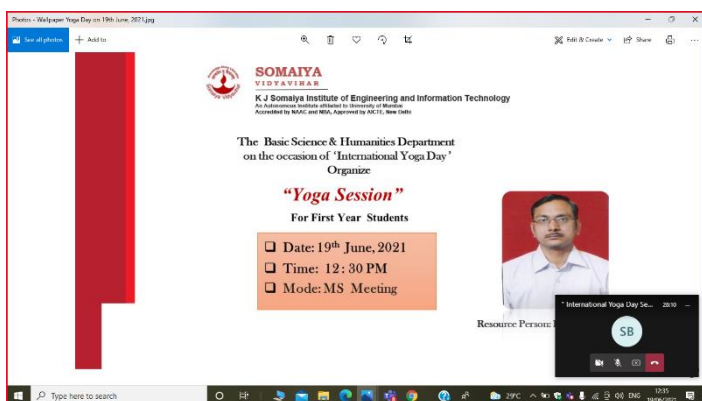


Image Clip: "International Yoga Day Celebration on 19th June, 2021 by Prof. Sanjiv Badhe"

Event 35: FE Online Induction Training on "Universal Human Values" from 12th May – 30th June, 2021, by Dr. Vaishali Ghadyalji & Dr. Vrushali Deole

The Department of Basic Science & Humanities organized the First Year Online Induction Training on "Universal Human Values" from 12th May – 4th June, 2021. Dr. Vaishali K Ghadyalji & Dr. Vrushali Deole—BS&H Faculties were In-charges of the activities.

Objectives: The activities were curated to impart the “Universal Human Values—to get the student to explore oneself and experience the joy of learning, prepares one to stand up to peer pressure and take decisions with courage, be aware of relationships and be sensitive to others. The activities encompassed the ethical role of money in life and experience the value-based system in life.

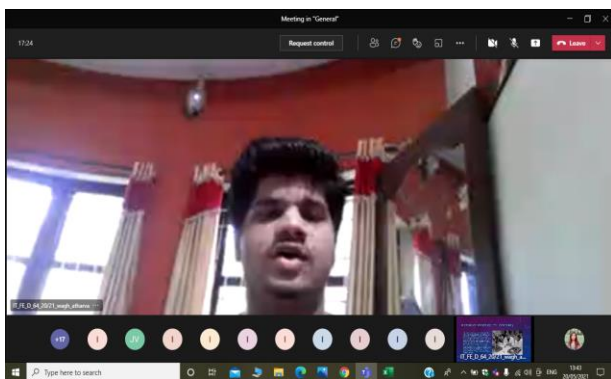
Key Points: The activities vis-à-vis (a) Debates, (b) Group Discussions, (c) Panel Discussion & (d) Presentations, these emphasized on endeavour to build a moralistic character with fundamental universal human values that aims to provide the base in technical education. The “feedback” mechanism from the faculty ensured that the students were encouraged to explore researches and present themselves in a meaningful dialogue. With relevant guidance, the faculties assigned 650 topics (2 presentation topics per student, encompassing ethics, values etc) during tutorial batches of PCE-I from May-June 2021.

Participants: FE students

Outcomes: The Induction Program resulted in value-addition of ethics & morals with an enhanced awareness for application in real life situations.

Feedback link: <https://forms.gle/dxyomMARMRdBdMCw6> (KJSIEIT Social Media Digital Awareness Assignment)





FE Online Induction Training on “Universal Human Values” from 12th May – 30th June, 2021, by Dr. Vaishali Ghadyalji & Dr. Vrushali Deole

1st Meeting of the Board of Studies (BoS) in Basic Sciences & Humanities was organized on 28th June,2021

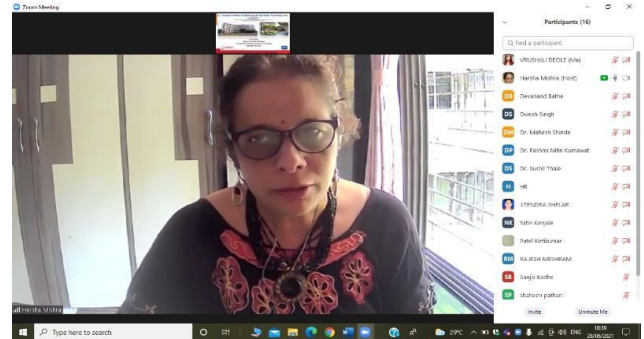
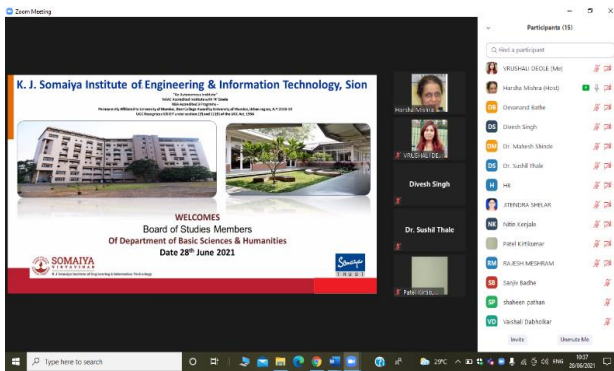
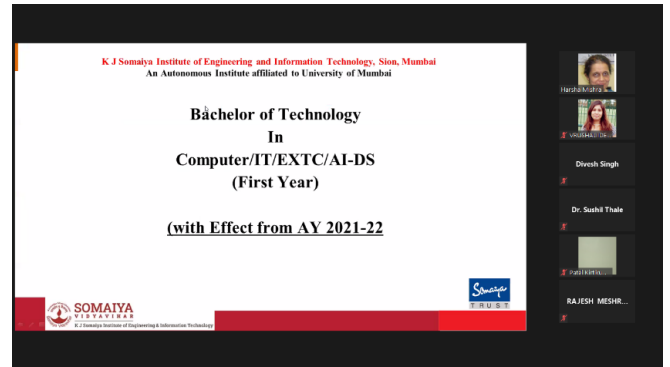
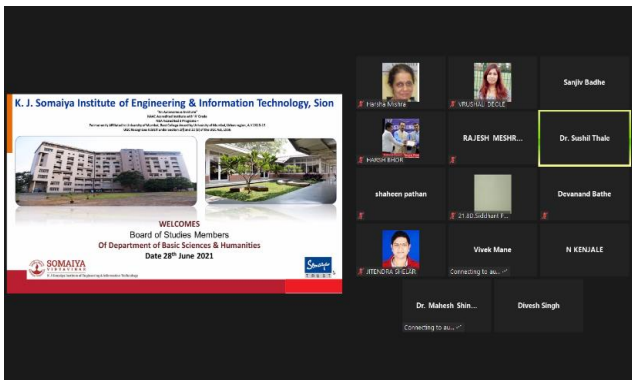
The **1st Meeting of the Board of Studies (BoS) in Basic Sciences & Humanities** was organized on 28th June,2021 with reference to the BoS members details as follows:

- 1. Name: Dr. Mahesh Shinde,**
Qualification: MTech, PhD,
Designation: Senior Technical Leader / Assistant Manager, Willis Towers Watson, Lodha i-Think Business Techno Campus, Thane(W), Maharashtra, India.
Contact No: (+91) 9599551581/8379924079
Email: mashinde05@gmail.com
- 2. Name: Dr.Sushil Thale**
Qualification: Ph.D (IIT Bombay)
Designation: Professor and Dean (R&D)
Email: sushil.thale@fcrit.ac.in

The following are the significant aspects of the BoS Meeting held on **28th June, 2021 at 10.30 AM** via Zoom, as discussed:

- 1. Dr. Harsha Mishra BS&H Head** welcomed the esteemed Board of Studies (BoS) members **Dr. Sushil Thale & Dr. Mahesh Shinde**. The meeting was conducted under the guidance of Principal—**Dr. Suresh Ukarande**.
- Dr. Harsha provided a detailed overview of the First-Year (Semester I & II) subjects, its credit & marking scheme to BoS members.
- Dr. Harsha apprised of the details & role of ‘Expert Reviewers’ during the process of implementation of autonomy syllabus for the BS&H Dept. from AY 2021-2022.
- Prof. Nitin Kenjale**, Faculty of Math in BS&H Dept coordinated the BoS meeting proceedings.
- The subject coordinators provided a brief presentation on the syllabus parameters. The subjects covered were Applied Math 1& II by Prof. Nitin Kenjale, Applied Physics & Physics & Nanotechnology by Prof. Sanjiv Badhe, Engineering Chemistry & Molecular Chemistry by Dr. Harsha Mishra, BEE by Prof. Devanand Bathe, Computer Programming by Prof. Harsh Bhor, Engineering Mechanics by Prof. Vivek Mane,

Engineering Graphics by Prof. Kirtikumar Patel, Workshop by Prof. Rajesh Meshram, Presentation & Communication Skills & SAT I by Dr. Vaishali Ghadyalji & SAT II by Dr. Vrushali D.



Screenshot of 1st Meeting of the Board of Studies (BoS) in Basic Sciences & Humanities Dept. on 28th June, 2021



For Suggestions or Feedback do write to us at: kjsaura@somaiya.edu