



## K. J. SOMAIYA INSTITUTE OF TECHNOLOGY, SION, MUMBAI



Somaiya Ayurvihar Complex, Sion,  
Mumbai

<https://kjsieit.somaiya.edu/en>

### DEPARTMENT OF BASIC SCIENCES & HUMANITIES

## BS&H BYTES

### BIANNUAL NEWSLETTER

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## Campus Prayer

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ॐ पूर्णमदः पूर्णमिदं पूर्णाति पूर्णमुदच्यते ।  
पूर्णस्य पूर्णमादाय पूर्णमेवावशिष्यते ॥१॥  
ॐ ईशावास्यमिदं सर्वं यत् किं च जगत्यां जगत् ।  
तेन त्यक्तेन भुञ्जीथा मा गधः कस्य स्विद्धनम ॥२॥  
मुक्तं करोति वाचालं पङ्कगं लङ्घयते गिरिम ।  
यत्कृपा तमहं वन्दे परमानन्द माधवम् ॥३॥  
ॐ प्रणो देवी सरस्वती वाजेभिर्वाजिनीवती धीनामवित्र्यवतु ।  
ॐ चोदयित्री सनुतानां चेतन्ती समतीनाम् ।  
यज्ञम दधे सरस्वती ॥४॥  
ॐ असतो मा सद्गमय । तमसो मा ज्योतिर्गमय ।  
मृत्योर्मा मृतं गमय ॥५॥  
ॐ सहनाववतु सहनौ भुनक्तु सहवीर्यं करवावहै ।  
तेजस्विनावधीतमस्तु मा विद्विषावहै ॥६॥  
सर्वे त्र सखिनः सन्तु सर्वे सन्तु निरामयाः ।  
सर्वे भद्राणि पश्यन्तु मा कश्चिद् दुःखमाप्नुयात् ॥७॥  
ॐ शांतिः, शांतिः, शांतिः ॥

# Somaiya Vidyavihar Vision

Our Founder, Padma Bhushan Shri. K. J. Somaiya founded Somaiya Vidyavihar on the 9th of September 1959. He later founded the Girivanvasi Pragati Mandal, The K. J. Somaiya Medical Trust, Girivanvasi Education Trust and sister institutions to make great citizens of India and the World. In the words of Swami Vivekananda, "We want that education by which character is formed, strength of mind is increased, the intellect expanded, and by which one can stand on one's own feet." We have now grown into a multi-disciplinary and multi-campus education institution with over 1500 faculty, and 38,000 students.

**Our motto is:** ज्ञानादेव तु कैवल्यम् । Knowledge alone liberates. Liberates from poverty, from hunger. Also to liberate one from the attachments that bind us to small-mindedness. Knowledge also provides opportunity. To make the life lived more meaningful. In the service of one's family, one's community, one's समाज, country, and indeed the world. Bearing in mind that there is no religion other than the life lived in the service of humanity, न मानुषात् परो धर्मः । We will strive to provide access and opportunity to build a more inclusive society.

Our education in any subject will reflect its timeless fundamentals, its current context, and applications. There is so much scientific discovery taking place, at the intersection of fields, of biology, computing, medicine, the social sciences and everywhere else. We will provide students and faculty with an environment to engage this world, to discover new truths, make new applications to create and share knowledge.

Our education will also be experiential. With projects that are 'real' and those that complement the learning inside the classroom. Our students and faculty will be at the cutting edge of change, to incubate companies, to create NGOs, and pursue any field of their passion.

Our education will also be holistic. Sports and physical exercise must be a firm part of the curriculum. For students to develop a love for sports, for recreation, for health, for teamwork, for competition. Our education will also instill an appreciation for art and culture.

In the Bhagavad Gita, Arjun asks Krishna how is one to control one's mind that is as fleeting as the wind. Krishna responds that it can only be done through practice and discipline. वैराग्येण तु कौन्तेय अभ्यासेन च गृह्यते । We will strive to teach our students to learn to stay calm in our turbulent world.

And our education will also include the ancient Indian tradition, its culture, its depth, and its knowledge. We must keep the connection with our mother tongue and our languages. Languages are storehouses of culture, and the loss of a language takes with it much learning, stored through it over the ages.

Finally, our education will help students lead a full life, to fall in love with life.

Our dream, is to build a world class research and teaching institution, that is global in the reach of its ideas, and universal in its service. Welcome to our community.



*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.

## DEPARTMENT OF BASIC SCIENCES & HUMANITIES



### 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

## A FOREWORD BY DR. HARSHA MISHRA –HEAD OF BS&H DEPARTMENT



The Department of Basic Sciences & Humanities (BS) of KJ Somaiya Institute of Technology, with the Board of Studies Members, as a freshly conferred ‘Autonomous’ Institute are committed for the all-inclusive careerist goals of at the First-Year students. The autonomous status has accorded the BS department the academic freedom to float its own syllabus and customize it as per the cutting-edge global technical trends. With credit-based scheme, we embark on a fresher vision to be competent with prime focus on ‘employment-centric’ syllabus with dynamic reformations in the syllabus. The core engineering undergraduate branches encompass—***Computer Technology (CE), Information Technology (IT), Artificial Intelligence and Data Science (AI-DS) & Electronics and Telecommunication (ET)***.

The major shift in the First-Year syllabus has been set on the quality benchmark—a solid foundation on the core fundamentals—the pre-requisite engineering holistic skills viz. the Applied Math, Sciences and Humanities curriculum with multiple prospects as per the industry requirements.

## INFRASTRUCTURE OF BS&H DEPARTMENT





## BS&H SIGNIFICANT ACHIEVEMENTS

*Master Aakash Gupta of First Year EXTC Dept was declared as a 'runner up' in All India Inter University Squash Team on 28<sup>th</sup> March, 2022. Credits: Prof. Sanjiv Badhe-Sports In charge*



*The New Leap Initiative (NLI) Team won 3<sup>rd</sup> Rank for 'Upper Air Sound System' at National Level Research Convention at Anveshan 2021-2022 at University of Mumbai on 30<sup>th</sup> March, 2022 Credits: Dr. Umesh Shinde (Dean, R&D Cell)*



*Ms. Quinat Ahmed Sheikh of Second Year, EXTC, K. J. Somaiya Institute of Engineering and Information Technology, Sion, has won **Gold Medal** in the **National Kickboxing Championship -2021** organized by Himachal Pradesh Kickboxing Association under the 70 Kg category. The event was held at Solan, Himachal Pradesh on 28-29 March 2022. Prof. Sanjiv Badhe-Sports In charge*



**Master Jay Manek from First year EXTC won 3<sup>rd</sup> prize at Maharashtra State Karate championship 2022. Prof. Sanjiv Badhe-Sports In charge**



**Inauguration of SURGE on 22<sup>nd</sup> April, 2022**

SURGE 2022—the Annual Cultural festival of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) flagged off with great pomp & show on 22<sup>nd</sup> April, 2022 after a gap of 2 years in offline mode. The festival week was marked with Sports festival ‘SCORE’ from 18<sup>th</sup> April-21<sup>st</sup> April, 2022 that was followed by ‘Surge’ from 22<sup>nd</sup> & 23<sup>rd</sup> April,

2022. Dr. V. Jothiprakash, IIT-B Professor (Civil Engineering Department) was the Chief Guest for the inaugural ceremony. In addition, the event was graced by the presence of esteemed principal Dr. Suresh Ukarande, Vice-principal Dr. Sunita Patil, Heads of Departments, Deans, faculty, staff, the student council members, students & stakeholders. The event was coordinated by Prof. Uday Rote—Dean, Student Welfare, Dr. Sandhya Kadam—Cultural Coordinator, Prof. Sanjiv Badhe—Sports Secretary, Miss Delzeen Machhi—PRO, Janhavi Obhan- General Secretary, Mazhar Khokhawala- Cultural secretary, Priya Patel-PRO NSS, Varad Sawant—Sports Secretary in addition to the ‘Students’ Council’ team.

Surge theme for 2022 was—*Karwan—a Splendid Voyage*. The theme evoked wonderful responses from all the departments for ‘Floor Decoration’ with the ‘Computer Engineering Department’ emerged as a winner. The fest marked various events like Talent Hunt, Open Mic, Fashion Show, Inter Dance, Fashion Hunt, Somaiya Unplugged, Spotlight, etc.

**Objectives:**

- The Surge festival aims to provide a rejuvenating platform to showcase the latent talents among the students in the direction of holistic growth.
- The participation in festival events is aimed to enhance team work, leadership qualities for future job situations.

**Key Points:** The inauguration was marked by the auspicious illumination of the sacred lamp, following the campus prayer. Dr. Suresh Ukarande, Principal, felicitated the chief guest academician –Dr. V. Jothiprakash , IIT Bombay Professor with a token of appreciation.

Miss Delzeen (PRO & anchor for the event)) presented a brief overview of the festival followed by reading of the previous year’s annual report of the festival by Miss Janhavi Obhan- General Secretary, following the protocol, there was an official Unveiling of theme of Surge by the authorities.

Prof. Uday Rote—Dean Student Welfare interacted with the audience followed by Dr. Sunita Patil—Vice-Principal who motivated the young audience with the spirit of the festival. Dr. Suresh Ukarande inspired the audience with the importance of cultural activities in the student life. Dr. Sandhya Kadam—Cultural Secretary read the accomplished profile of the chief guest.

The Chief Guest—Dr. V. Jothiprakash exemplified the various categories of students with academic approaches. He presented diverse examples in a vivacious manner that enlightened the audience. In addition, the authorities appreciated the efforts Prof. Pankaj Deshmukh (NSS Coordinator), with an official release of NSS E Book, as there was an acknowledgement of the NSS Team that has been front line warriors with brave efforts involved for social causes. In the same light, the authorities unveiled the theme of the Aura Magazine’21— “Genesis—New Beginnings”! Dr. Vrushali briefed on its significant aspects of the college magazine. Also, to brief on the dimensions of ‘Score’ Prof. Sanjiv Badhe, interacted vibrantly with the students. Master Varad Sawant (Sports Secretary) presented a brief overview of the participation aspects of ‘Score’. In the end there was a felicitation of winners of the SCORE achievements. Master Mazhar Khokhawala proposed Vote of Thanks.

**Outcomes:**

- The event provided a fresh perspective to the students to showcase their skills in addition to the academic endeavors.
- ‘Surge’ & ‘Score’ offer broad opportunities for the students to develop holistic personality that results in the physical and psychological wellbeing.

*Glimpses of Annual Cultural Festival- SURGE – 2021*







**Glimpses of Cultural Festival 'Surge': Dr. V. Jothiprakash (IIT-B) Professor was the Chief Guest for the Inaugural Ceremony on 22<sup>nd</sup> April, 2022**

खुशी धरके, फिल्लई कॉलेज

कोनामुळे गेली दोन वर्षे आपण घरात बंदिस्त होतो, फिरायला जाऊ शकत नव्हतो. आता जनजीवन पूर्वपदावर येत आहे. हेच लक्षात घेऊन 'कारवां' ही पर्यटनावर आधारित संकल्पना ठेवून के. जे. सोमच्या इन्स्टिट्यूट ऑफ इंजिनीअरिंग अँड इन्फॉर्मेशन टेक्नॉलॉजी यांनी 'सर्ज' या फेस्टिव्हलचे आयोजन केले आहे. यंदा हा फेस्ट २२ व २३ एप्रिल

**महाराष्ट्र टाइम्स**  
मीडिया पार्टनर



**सर्जची**  
**आतुरता**

प्रचंड वेड दिसत असून त्यासाठी 'फोटो हंट' ही स्पर्धादेखील आयोजित केली आहे. 'आझादी का अमृत महोत्सव' या विषयावर वादविवाद स्पर्धा रंगणार आहे. यात स्पर्धकांना आपली मतं मांडायची आहेत. त्यासाठी त्यांच्या संभाषण कौशल्याचा कस लागणार आहे. मनोरंजनासाठी चित्रपट, गाणी यावर आधारित 'टेलीवाइस' ही प्रश्नमंजुषा आयोजित केली आहे. 'ब्रेनोअक्स' ही स्पर्धा तीन-तीनच्या संघात रंगणार आहे. यात स्पर्धकांना चातुर्याने इतरांना कार्य पूर्ण करण्यासाठी पटवायचे आहे. गेमिंगमध्ये रुची असणाऱ्यांसाठी बोजीएमआय (स्कोड आणि ड्युओ), फिफा, सीओओ, कॅलोरट अशा स्पर्धांचेसुद्धा आयोजन करण्यात आले. निरनिराळ्या इन्व्हेट्सनी रंगलेल्या यंदाच्या सर्जमध्ये विजेतेपद जिंकण्यासाठी स्पर्धकांमध्ये चुरस पाहायला मिळणार आहे.

दरम्यान कॉलेज कॅम्पसमध्ये पार पडणार आहे. या फेस्टचा 'महाराष्ट्र टाइम्स' मीडिया पार्टनर आहे. यंदा फेस्टमध्ये विद्यार्थ्यांसाठी विविध प्रकारच्या स्पर्धांची मेजवानी पाहायला मिळणार आहे. नृत्य, एकापत्री अभिनय, ग्लॅम अप (फॅशन शो), डाक ब्रॉक्स, एस्क्रेप रुम, ह्युमन फ्रूसबॉल, पथनाट्य,

चित्रकला अशा नानाविध स्पर्धांचे आयोजन केले आहे. प्रत्येकाच्या अंगी काही विशेष कौशल्य असतात, पण ती सादर करण्याची संधी प्रत्येकालाच मिळते असे नसते. म्हणूनच 'मुंबई गॉट टॅलेंट' या स्पर्धेचे आयोजन करून विद्यार्थ्यांना आपली कला सादर करण्याची संधी उपलब्ध करून देण्यात आली आहे. यात सर्व

प्रकारच्या कौशल्यांना प्राधान्य देण्यात आले. 'स्पॉटलाइट' या स्पर्धेत स्पर्धकांना चार मिनिटांत अनेक्या पद्धतीने स्वतःची ओळख करून द्यायची आहे. आपल्यात असलेल्या टॅलेंटचे सादरीकरण करून 'मिस्टर आणि मिस सोमव्या' यावर स्वतःचे नाव कोरायचे आहे. सध्या तरुणांमध्ये छायाचित्रणाचे

**Maharashtra Times Clipping: Print Media featuring KJSIEIT Cultural Festival 'Surge' on 22<sup>nd</sup> April, 2022**

**SUMMARY OF FIRST YEAR INDUCTION ORGANIZED FROM  
DECEMBER 2021-JUNE 2022**

**\*The Induction events used to be a continuous mandatory activity, the reports enclosed are from Decembe 2021-June, 2022**

<b>SR. NO</b>	<b>TITLE OF INDUCTION EVENT</b>	<b>RESOURCE PERSON</b>	<b>DATE</b>
1.	Orientation Programme of FY. BTech Students	Dr. Harsha Mishra, HOD BS&H Dept.	25 <sup>th</sup> December, 2021
2.	Orientation of Core Branches	FE Online Induction by- Dr. Milind Nemade,(HoD, AI&DS),	26 <sup>th</sup> December, 2021
3.	Webinar on “Innovation & Grit for a Successful Startup” by Mr. Ravi Jaiswal Alumni KJSIEIT	Institution’s Innovation Council (IIC) of KJSIEIT in association with Alumni Committee	26 <sup>th</sup> December, 2021
4.	Chemistry for Engineers by American Chemical Society (ACS)	Dr.Harsha Mishra & with students from Final Year—Dharita Desai (IT), Dhara Sampat (EXTC) & Viraj Vasani (IT)	27 <sup>th</sup> December, 2021
5.	EXTC as a Core Branch	Dr.Namrata Ansari	28 <sup>th</sup> December, 2021
6.	Training & Placements	Prof. Ghanshyam Phadke	29 <sup>th</sup> December, 2021
7.	Exam Related Processes	Dr.Vaishali Ghadyalji	30 <sup>th</sup> December, 2021
8.	Academics Related Protocol to First Years	Dr.Namrata Ansari	31 <sup>st</sup> December, 2021
9.	Institute's Library–its Facilities	Mrs. Gauri Gothivrekar	3 <sup>rd</sup> January, 2022
10.	IT as a Core Branch	Dr. Radhika Kotecha	4 <sup>th</sup> January, 2022

11.	Computer Engineering as a Core Branch	Dr.Sarita Ambadekar	05 <sup>th</sup> January, 2022
12.	Industry – Institute Interaction Cell- Its Scope & Significance	Dr.Vaishali Wadhe	06 <sup>th</sup> January, 2022
13.	Innovation and ideas by RIIDL (Research Innovation Incubation Design Labs)	Mr.Nikhil Srivastava, Final year student of IT Department	7 <sup>th</sup> January 2022
14.	“Briefing on Scholarships”	Mr.Pandurang Terse, Office Head Clerk, KJSIEIT	12 <sup>th</sup> January, 2022
15.	“Discipline Awareness & Roles & Responsibilities of Students”	Student council in association with Discipline committee Mr.Uday Rote, Dean of Student affairs, Mrs.Shyamal Virnodkar, Discipline committee in-charge.	15 <sup>th</sup> January, 2022
16.	“Azadi Ka Amrit Mahotsav”	Mr. Shivam Kapoor from Ministry of Culture, Government of India	18 <sup>th</sup> January, 2022
17.	“Software Development Cell & REDX Club”	Prof. Shymal Virnodkar, Prof, Mrunali Desai & Prof. Kavita Bathe faculties from Computer Engineering Department & SDC Coordinators/ REDX Club In charges/Coordinators	19 <sup>th</sup> January, 2022
18.	DLLE Initiatives and Events	Dr. Sandhya Kadam, Extension Teacher, KJSIEIT-DLLE	20 <sup>th</sup> January, 2022
19.	Developer Students Club	Core members of Developer Students Club	22 <sup>nd</sup> January, 2022



		– Master Jai Shah, Paras Kori Sarvesh Soni, Yash Panchal & Utkarsha Mokashi of TE COMP	
20.	IoT Cell Events & Initiatives	First Year Induction Faculty In charge—Dr. Vaishali Gaikwad & Core members Master Prince Karia, Akshit Madani, Ankit Upadhyay, Devansh Thakkar, Nishita Thakkar of --TE Comp Engg Dept, Master Sourav Kumar—BE IT Dept., Master Neel Jagatia, Shardul Gawande—SE—AI&DS Dept.	27 <sup>th</sup> January, 2022
21.	‘IETE Initiatives and Events’	Faculty In charge—Mrs.Medha Asurlekar	28 <sup>th</sup> January, 2022
22.	‘CSI Initiatives and Events’	CSI Convener—Mr.Uday Rote, CSI Coordinators, Mr.Prashant Sawant and Mrs.Nisha Vanjari	29 <sup>th</sup> January, 2022
23.	‘IIC Initiatives and Events’	IIC Faculty In charge—Dr. Radhika Kotecha was the Resource Speaker for the same.	23 <sup>rd</sup> February, 2022
24.	“International Women’s Day”	Basic Sciences & Humanities (BS&H) Department in association with the Internal Quality Assurance Cell (IQAC) K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai organized by	8 <sup>th</sup> March, 2022 to 10 <sup>th</sup> March, 2022.

		Dr. Vaishali Ghadyalji & Dr. Vrushali  Deole, of BS&H Dept., Prof. Vrinda Ulhas & Dr. Harsha Mishra	
25.	IIT Mumbai Workshop on Virtual Lab for all the experiments of Engineering Chemistry	Coordinated by Dr. Harsha Mishra & Dr. Shahin Pathan (Faculties for Engineering Chemistry)	5th March, 2022
26.	Post Covid Protocols in offline Mode to the KJSIEIT-Ayurvihar Campus	Dr. Suresh Ukarande, Dr. Sunita Patil & Dr. Harsha Mishra	6th April, 2022
27.	FE Online Induction on New Leap Initiative (NLI) Club & Centre by Dr. Umesh Shinde (Dean, R&D)	Radio Operations & Wireless Network (CROWN) (VU2CWN) –	16 <sup>th</sup> April, 2022
28.	Score–Annual Sports Festival	Dr. V. Jothiprakash, IIT-B Professor (Civil Engineering Department)	18th April-21st April, 2022
29.	Surge–Annual Cultural Festival	Dr. V. Jothiprakash, IIT-B Professor (Civil Engineering Department)	22 <sup>nd</sup> & 23 <sup>rd</sup> April, 2022
30.	“COEPS Cell Initiatives & Events”	Prof. Sandhya Deshpande	30 <sup>th</sup> April, 2022
31.	“Dharma Studies”	Prof Reshma Kamble	7 <sup>th</sup> May, 2022
32.	“Foreign Languages offered at SVV- An Overview”	Prof. Pranali Mehta from Department of Foreign Languages (Aurobindo Building), Somaiya Vidyavihar University	14 <sup>th</sup> May, 2022
33.	“Somaiya Sports Academy at SVV- An Overview”	Mr. Sushilkumar Gupta—Sports Management Executive,	21 <sup>st</sup> May, 2022

		Somaiya Vidyavihar University	
34.	Parent –Teacher Meet	Dr. Harsha Mishra, HoD—BS&H	21 <sup>st</sup> May, 2022
35.	“Introduction to Climate Modelling - -its Application & International Career Opportunities in Climate Sciences”	Dr.Mahesh Shinde (MTech, PhD, Designation: Senior Technical Leader / Assistant Manager, Willis Towers Watson, Lodha i-Think Business Techno Campus	28 <sup>th</sup> May, 2022
36.	Workshop on Virtual Lab for the experiment 1) Instrumentation and Working Principles of Infra-Red (IR) Spectroscopy Using Salt Plates  2)Nuclear magnetic resonance spectroscopy and evaluation of simple <sup>1</sup> HNMR spectra of select organic compounds	Coordinated by Dr. Harsha Mishra & Dr. Shahin Pathan (Faculties for Engineering Chemistry)	28 <sup>th</sup> May, 2022
37.	Slogan Making Activity	Dr. Vaishali G., Dr. Anita P & Dr. Vrushali D	15 <sup>th</sup> May & 7 <sup>th</sup> June 2022
38.	Universal Human Values	Dr. Vaishali G., Dr. Anita P & Dr. Vrushali D	May & June, 2022
39.	“Maya Somaiya School of Music and Performing Arts (MSSMPA) – An Overview	Prof.Sunita Gangrade, Faculty at MSSMPA, SVV	4 <sup>th</sup> June, 2022
40.	Workshop on Virtual Lab for the experiment Viscosity Average Molecular Weight of Polymer	IIT Mumbai	4 <sup>th</sup> June, 2022
41.	Exposure Visit to Incubation Laboratory	Mr. Nikhil Srivastava, CEO of Connectclub (Alum 2021-2022)	21 June, 2022

## Event 1: “First Year Orientation” Organized on 25<sup>th</sup> December, 2021

K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) & Basic Sciences & Humanities Department (BS&H) organized an Online “**First Year Orientation**” on **25<sup>th</sup> Dec, 2021** from 10.30 AM- 12.30 PM. The event was in the direction to create awareness on First Year Engineering Curriculum.

**Mode:** Zoom Online Mode

**Participants:** 325

**Objectives:**

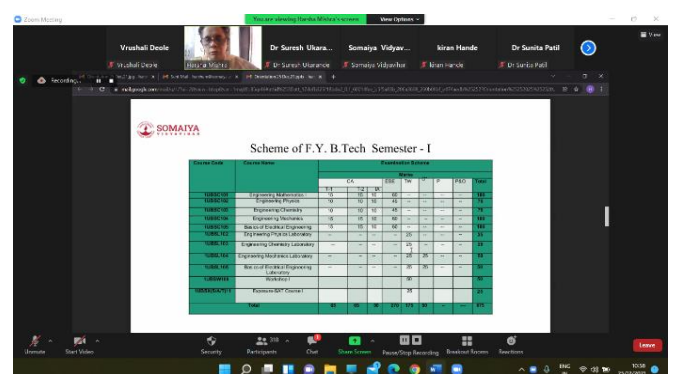
- The Orientation session was aimed to provide insights into the vital domains related to first year engineering,
- It aimed to emphasize on the focal highlights of KJSIEIT and Somaiya Vidyavihar (SVV) –its multifarious dimensions

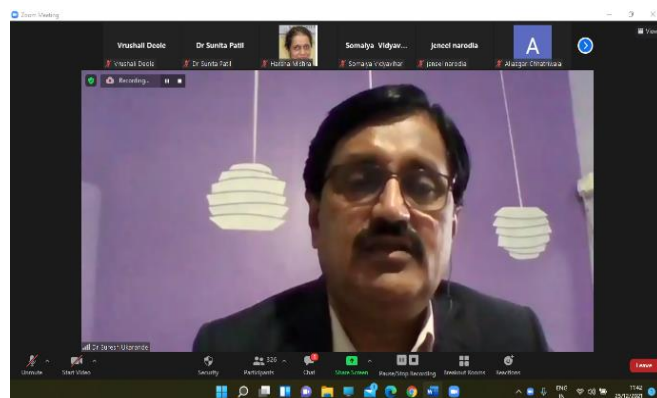
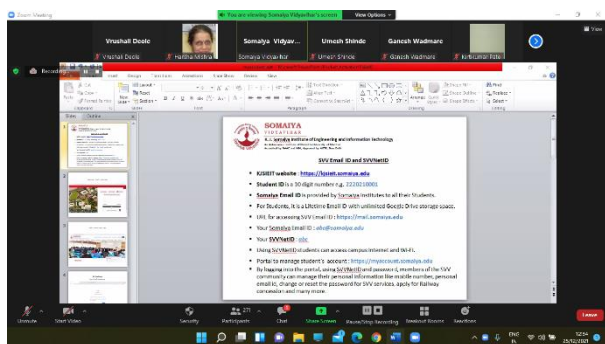
The event commenced with the presentation of Head of BS&H –**Dr. Harsha Mishra** who briefed the audience on the crucial points encompassing the BS&H Department. The roles, responsibilities, exam related information etc was provided in brief. **Dr. Sunita Patil**, Vice-Principal, credited an array of activities at KJSIEIT with state-of-the-art infrastructure with detailed strengths of the Institute. **Dr. Suresh Ukarande**, Principal, provided a succinct overview of the KJSIEIT honours and achievements as well as the autonomous characteristics. The individual faculty introduction was followed by **Mr. Nitin Urankar**'s brief presentation on login credential of SVV.

The event concluded with a vote of thanks and national anthem.

**Outcomes:**

- The Orientation event provided transparency to the newly admitted engineering students/stakeholders at KJSIEIT.
- The information related to scope; ambit of committees & core fields was effectively received by the students/stakeholders.





**Event 1: Image Clip: “First Year Orientation” Organized on 25<sup>th</sup> December, 2021**

**Event 2: FY. B. Tech Induction on —AI&DS for First Year Students Organized on 28<sup>th</sup> December, 2021**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on *Artificial Intelligence & Data Structure (AI&DS) for First Year Students* on 28<sup>th</sup> December, 2021 from 1.30 PM – 2.30 PM. **Dr. Milind Nemade; HoD of AI&DS Branch** was the Resource Speaker for the same.

**Participants:** 60

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about the core branch of AI&DS—its futuristic trends with significant applications
- To attempt on leveraging crucial prototypes of the domain of AI&DS in the direction of job market.

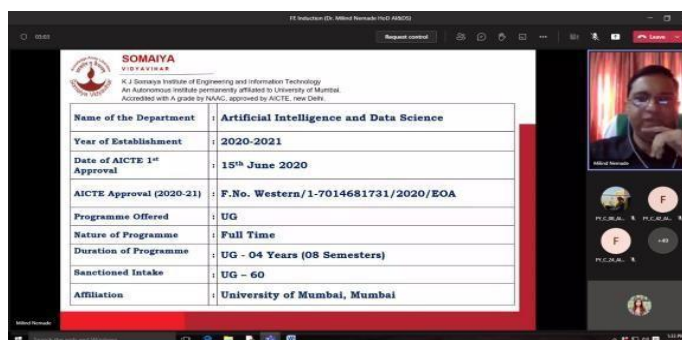
**Key Points:** Dr. Milind Nemade, HoD of AI&DS provided a detailed overview of the interdisciplinary features of the core branch to the newly admitted students. He highlighted the pivotal role of the new cutting edge technologies in the fields of research and industry applications. Dr. Nemade apprised the participants of the emerging branches, the area of super specialization and the salary packages offered by the placement houses.

### Outcomes:

- The Induction session provided a definitive guideline on the domain of AI&DS an emergent branch with a significant futuristic scope
- The multifarious features of AI&DS resulted in enhanced gain of knowledge among the students.

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/xVv3tUs6pCwA46N16>



**Image Glimpse: Event 2: FY. B. Tech Induction on —AI&DS for First Year Students Organized on 28<sup>th</sup> December, 2021**

**Event 3: Induction cum Webinar on “Innovation & Grit for a Successful Startup” on 26<sup>th</sup> December, 2021**

**Event:** Innovation & Grit for a Successful Startup

**Organized by:** Institution’s Innovation Council (IIC)-KJSIEIT in Association with the Alumni Committee

**Date:** 26th December, 2021

**Time:** 4:00 PM onwards

**No. of participants:** 170

**No. of External Participants:** 0

**Objectives:**

- To kindle awareness and motivation about entrepreneurship
- To start a successful start-up

## Outcomes:

- Participants were able to understand various dimensions related to entrepreneurship.
- Participants learned the working of the startup process and were motivated to start a business.

## Description:

The participants gained significant insights on the key domains of entrepreneurship. Mr. Ravi Jaiswal provided a succinct overview of vital elements such as–role of PR, the participation required for Cells and committee to groom as per the market trends, the adaptation of relevant technologies, emphasis on short term and long-term goals. He further elaborated on the client-based networking, the innovation process. The challenges such as infrastructure, legal issues, funding etc were also discussed in detail. The speaker urged the audience to read books to gain wisdom as a foundation of a successful entrepreneur.

**Speaker:** Mr. Ravi Jaiswal (Alumnus of EXTC 2013-2014 pass out)

**Event Co-ordinators:** Dr. Vrushali Deole, Ms. Dharita Desai & Ritesh Kumar Pandey

The poster is for a webinar titled "Innovation & Grit for a Successful Startup" organized by the Institution's Innovation Council and Alumni Committee. It features a photo of the speaker, Mr. Ravi Jaiswal, and lists his credentials as Co-founder of SKYLO LEDs in Andheri, Mumbai, and an EXTC Alumnus. The event is scheduled for 26th Dec 2021, starting at 4.00 PM onwards, and will be held via MS Teams. A list of bullet points at the bottom provides details for students, including that the link will be emailed and e-certificates will be provided.

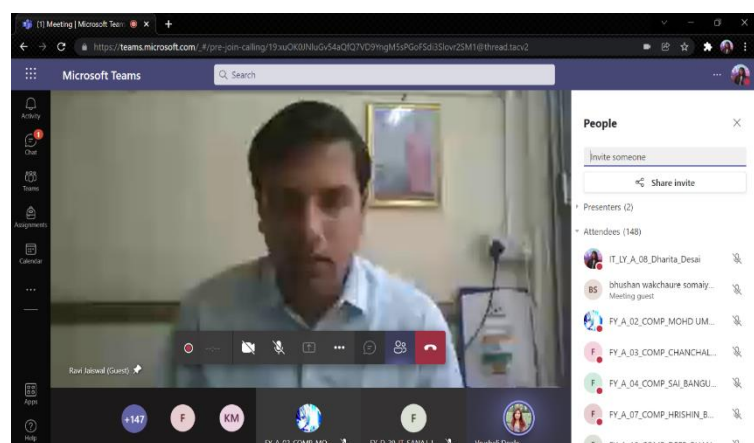
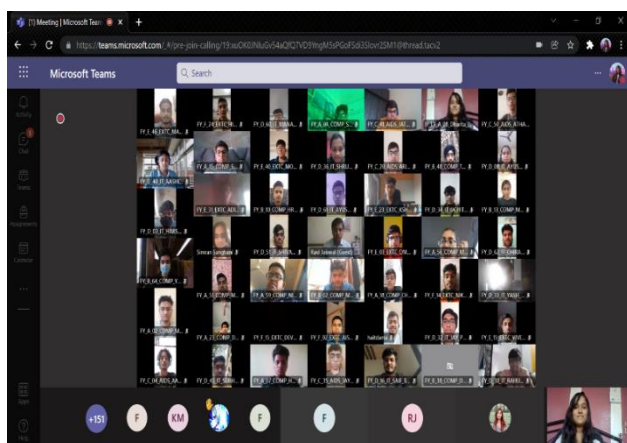
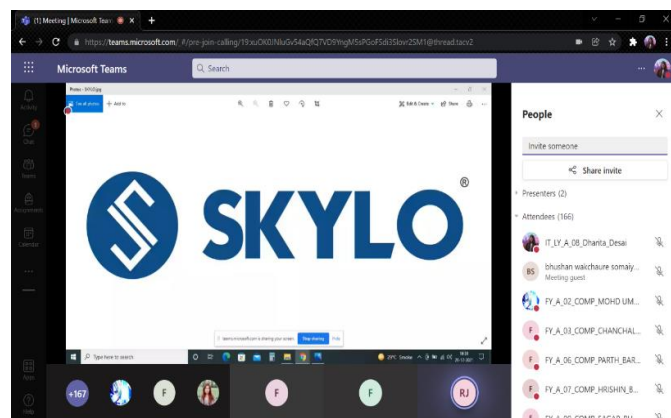
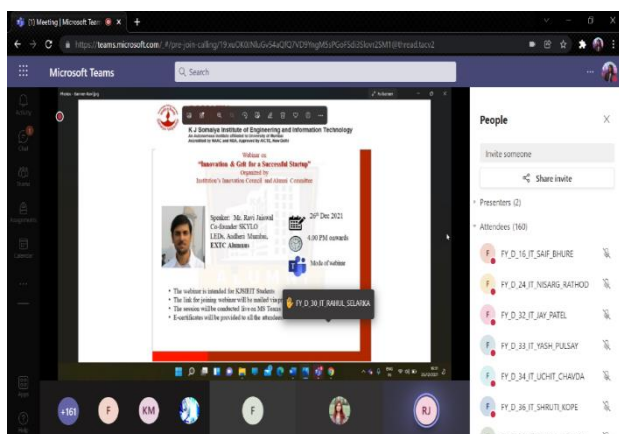
**SOMAIYA VIDYAVIHAR**  
K J Somaiya Institute of Engineering and Information Technology  
An Autonomous institute affiliated to University of Mumbai  
Accredited by NAAC and NBA, Approved by AICTE, New Delhi

Webinar on  
**"Innovation & Grit for a Successful Startup"**  
Organized by  
Institution's Innovation Council and Alumni Committee

Speaker: Mr. Ravi Jaiswal  
Co-founder SKYLO  
LEDs, Andheri Mumbai,  
EXTC Alumnus

26<sup>th</sup> Dec 2021  
4.00 PM onwards  
Mode of webinar

- The webinar is intended for KJSIEIT Students
- The link for joining webinar will be mailed via provided email id.
- The session will be conducted live on MS Teams
- E-certificates will be provided to all the attendees.



***Event 3: Glimpses: Induction cum Webinar on “Innovation & Grit for a Successful Startup” on 26th December, 2021***

***Event 4: FY. B. Tech Induction on —Chemistry for Engineers” Organized on 27th December. 2021***

The Department of Basic Sciences & Humanities organized the First Year Induction Program on —*Chemistry for Engineers*” on 27<sup>th</sup> December, 2021 from 1.30 PM – 2.30 PM. **Dr. Harsha Mishra—HoD of Basic Sciences & Humanities (BS&H)** was the Resource Speaker for the same. The event was held on association with the **American Chemical Society (ACS)** with students from Final Year—Dharita Desai (IT), Dhara Sampat (EXTC) & Viraj Vasani (IT) were the coordinators of the ACS team.

***Participants: 280***

***Mode: MS Teams***

***Objectives:***

- The Induction Program is aimed to impart information about the transdisciplinary feature of Chemistry as a vital subject in technical fields



- To emphasize on the crucial paradigms of working with the American Chemical Society (ACS) committee

**Key Points:** Dr. Harsha Mishra, HoD of Basic Sciences & Humanities provided a detailed overview of the interdisciplinary features of Chemistry as a subject. She highlighted the pivotal role of Chemistry that is beyond the ambit of the scientific community and is taken up as an area of research in technical fields. She presented the properties, the recent trends in the domain.

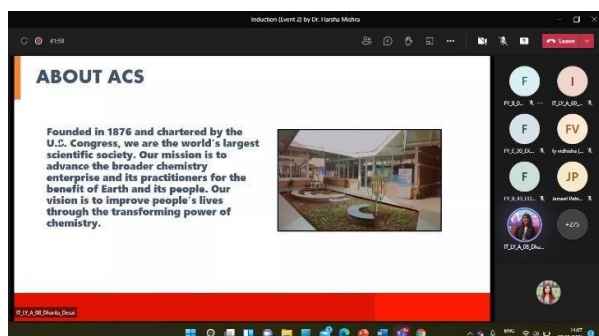
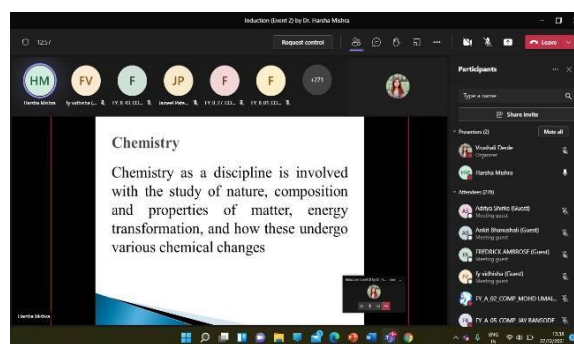
The event was taken over by the ACS student-team who provided a brief overview of the functioning and roles of ACS as a global organization.

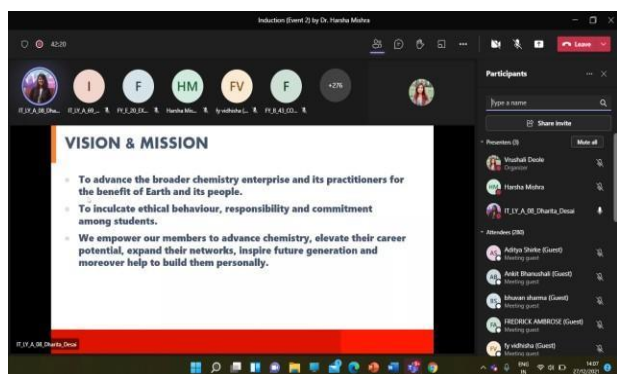
### Outcomes:

- The Induction session provided a definitive guideline on the Chemistry as a tool for modern engineers
- The futuristic scope of ACS with activities turned out to be motivational one.

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/vjKnZumeWmbrrt3FM7>





***Image clip: Event 4: FY. B. Tech Induction on —Chemistry for Engineers”  
Organized on 27<sup>th</sup> December, 2021***

***Event 5: FY. B. Tech Induction on —EXTC as a Core Branch for First Year Students|| Organized on 28<sup>th</sup> December, 2021***

The Department of Basic Sciences & Humanities organized the First Year Induction Program on “**Electronics & Telecommunication as a Core Branch**” for First Year Students on 28<sup>th</sup> December, 2021 from 1.30 PM – 2.30 PM. **Dr. Namrata Ansari—In charge HoD of EXTC Branch** was the Resource Speaker for the same.

**Participants:** 50

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about the core branch of EXTC—its futuristic trends with significant applications
- To attempt on leveraging crucial prototypes of the domain of EXTC as an expansive field in the direction of job market.

**Key Points:** Dr. Namrata Ansari In charge HoD of EXTC provided a detailed overview of the interdisciplinary features of the core branch to the newly admitted students. She highlighted the pivotal role of the new cutting-edge technologies, the internships, the salary structure, the mentoring etc in the direction of placement. Dr. Namrata apprised the participants of the emerging branches, the area of super specialization and the salary packages offered by the placement houses.

**Outcomes:**

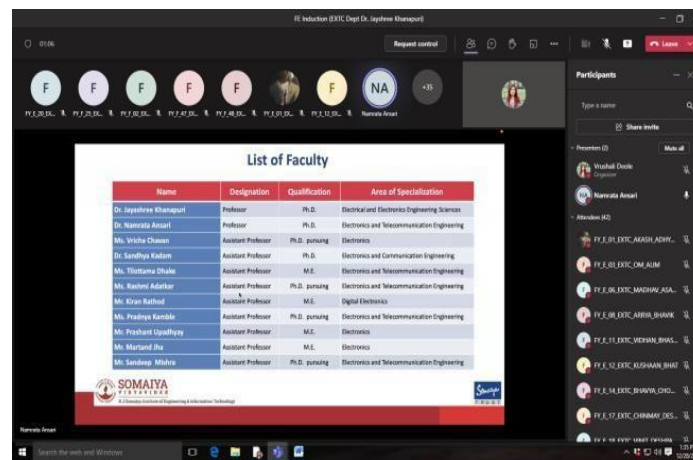
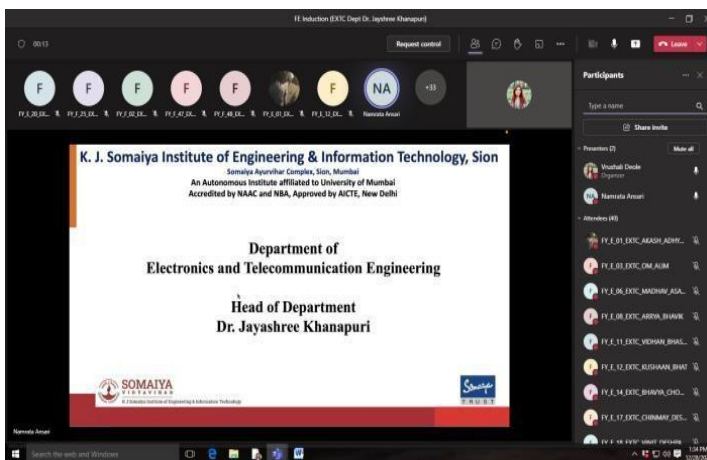
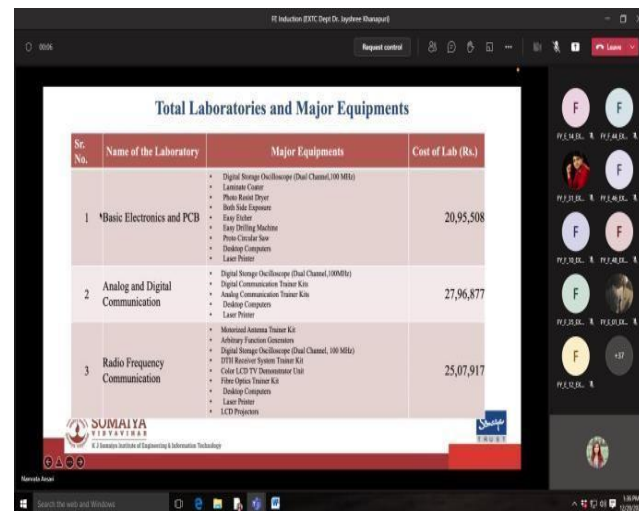
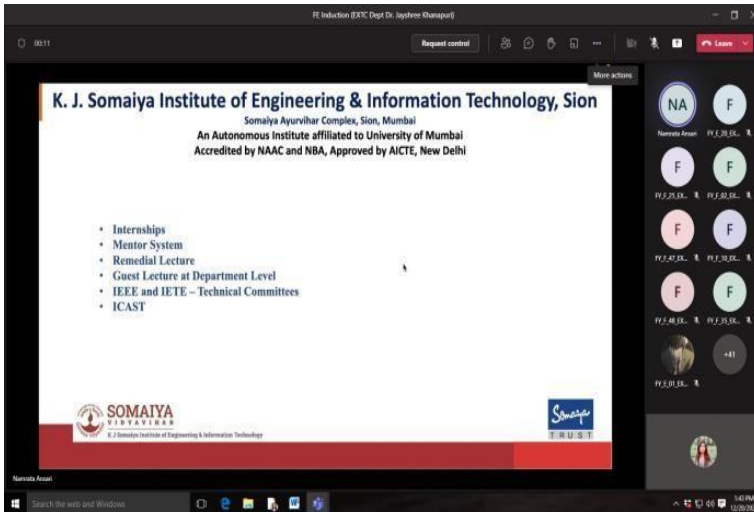
- The Induction session provided a definitive guideline on the domain of

EXTC an emergent branch with a significant futuristic scope

- The multifarious features of EXTC resulted in enhanced gain of knowledge among the students.

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/ahDTRCo9h7gG9Nte6>



**Image Glimpse: Event 5: FY. B. Tech Induction on —EXTC as a Core Branch for First Year Students Organized on 28<sup>th</sup> December, 2021**

**Event 6: FY. B.Tech Induction on —Training and Placements Organized on 29<sup>th</sup> December, 2021**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on “Training and Placements” for First Year Students on 29<sup>th</sup>

December, 2021 from 1.30 PM – 2.30 PM. **Mr. Ganashyam R Phadke—Training and Placement officer** was the Resource Speaker for the same.

**Participants:** 236

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about Training and Placements.
- To give the students idea on how to become a productive and readily employable Engineer

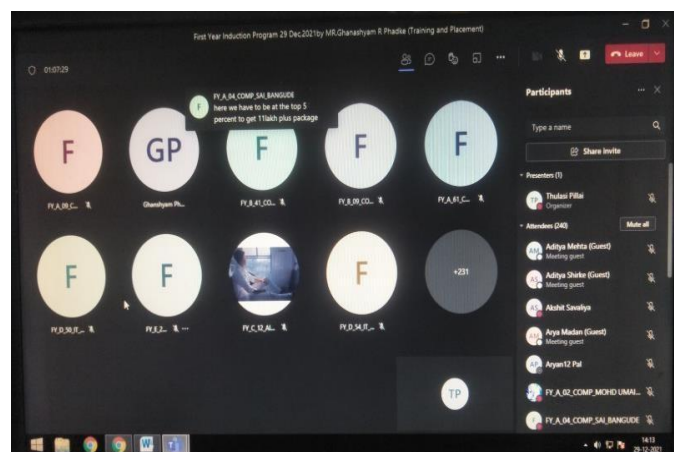
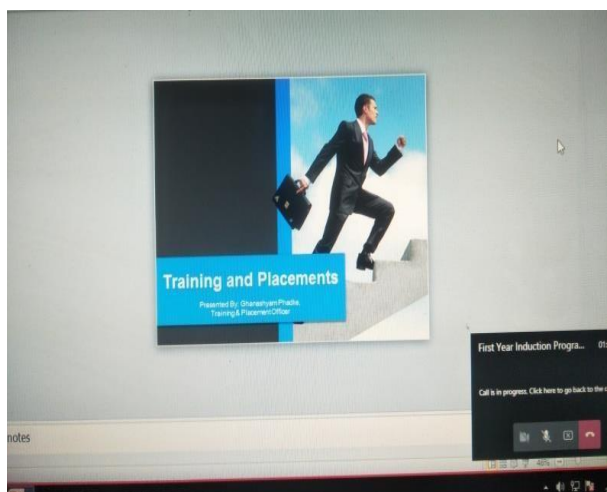
**Key Points:** Mr.Ghanashyam R Phadke provided an overview of how to grab opportunities like seeking Alumni support, Leveraging Network / Contacts for getting new companies and approaching industries for our Students.

**Outcomes:**

- The Induction session provided a definitive guideline on placements and list of recruiters.
- Students got information about the planned steps in preparation for training and placements.

There was a question-and-answer session followed by a ‘Thank you’ note by Dr.Thulasi g Pillai. The participants completed the feedback formalities of the session.

**Feedback Link:** <https://forms.gle/nbsnxodfiab3FWsaA>



**Event 6: FY. B.Tech Induction on —Training and Placements Organized  
on 29th December, 2021**

**Event 7: F.Y. B. Tech Online Induction by Dr. Vaishali K Ghadyalji (CoE) on 30<sup>th</sup> December,  
2021**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on —*Exam Related Processes*” on 30<sup>th</sup> December, 2021 from 1.30 PM – 2.30 PM. *Dr. Vaishali Ghadyalji, Controller of Examinations (CoE)* was the resource person for the same.

**Participants:** 280

**Mode:** MS Teams

**Objectives:**

- The Exam Cell Controller’s presentation in the Induction Program was aimed to impart information to the students regarding the examination procedures in the context of autonomous curriculum.
- 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.

**Participants:** 280

**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.

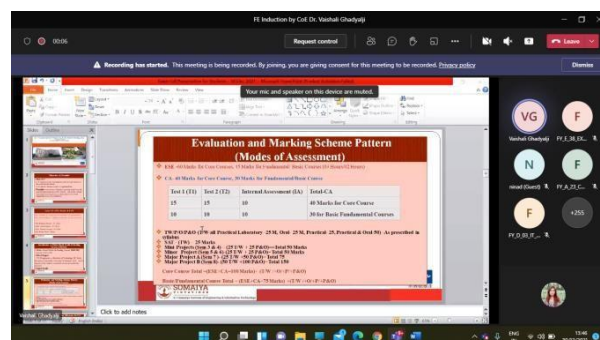
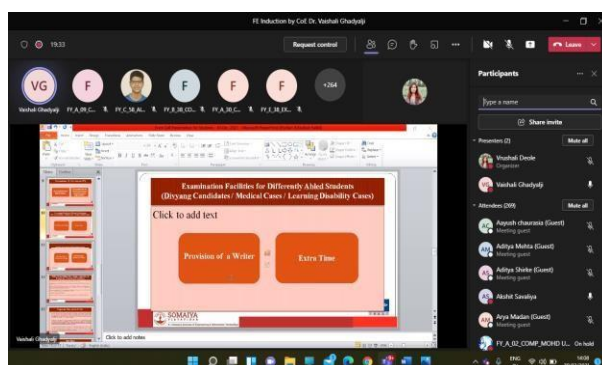
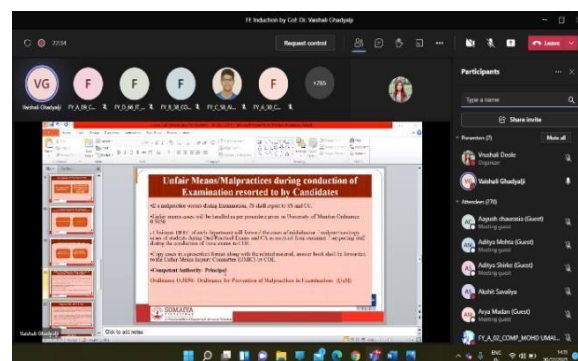
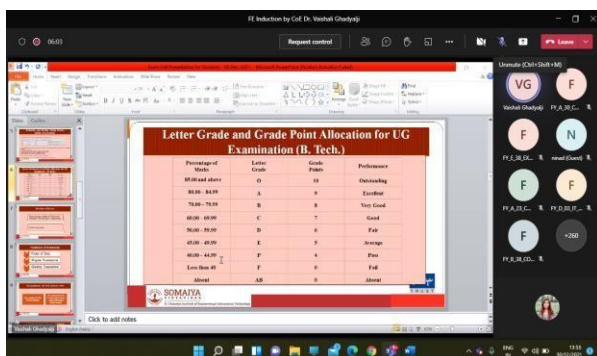
**Outcomes:**

- 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.

- The students gained a vital overview on the credit-based system and the exam related queries were efficiently answered by the CoE.

**Feedback Link:** <https://forms.gle/bjsVVL6gUkjDu3yK9>



**Event 7: F.Y. B. Tech Online Induction by Dr. Vaishali K Ghadyalji (CoE) on 30<sup>th</sup> December, 2021**

**Event 8: F.Y. B. Tech Induction on — ‘Academics Related Protocols to the First Years’, Organized on 31<sup>st</sup> December, 2021**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on —**Briefing on Academics** on 31<sup>st</sup> December, 2021 from 1.30 PM – 2.30 PM. **Dr. Namrata Ansari, Dean, Academics** was the Resource Speaker for the same.

**Participants:** 250

**Mode:** MS Teams

**Objectives:**

- The session was aimed to brief on the autonomous framed syllabus with ‘best practices and an overview of SAT courses, certification courses to the first year
- To provide the administrative processes and the measures adopted to enrich all the students academically.

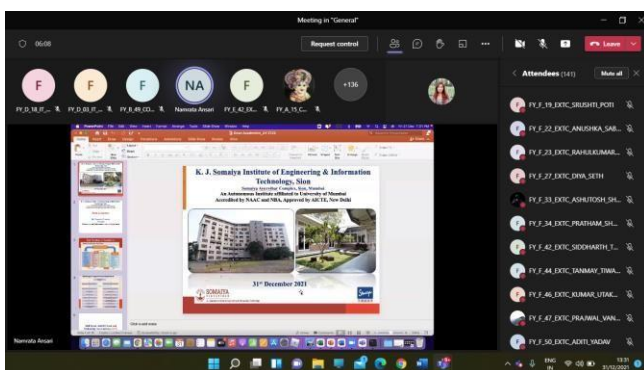
**Key Points:** The Induction interactive session on —*Briefing on Academics* was in the direction to create an academic awareness for first year engineering curriculum in addition to the detailed information of the autonomous syllabus.

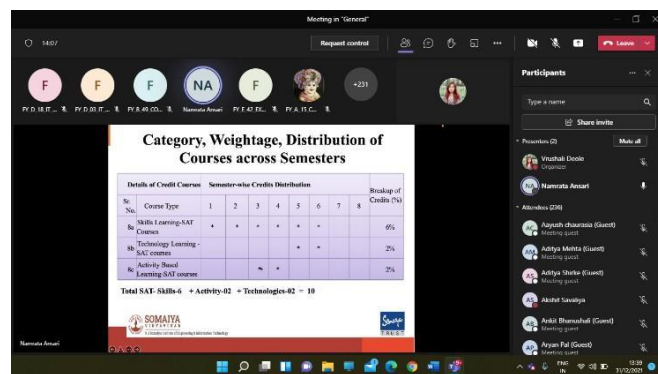
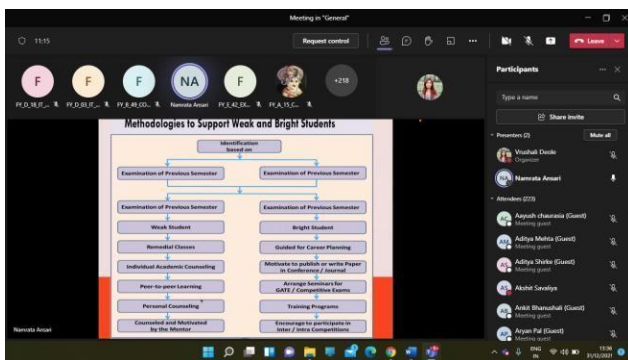
At the onset, **Dr. Namrata Ansari**—Dean Academics briefed the admitted students on Somaiya as a most-preferred choice with its policies, rules, decorum etc. It was followed by information of SAT courses, the choice-based subjects at higher semester, the Project based Learning (PBL)— its weightage and holistic skill-sets in the direction of grooming the students to be market-ready. In addition, Coursera, NPTEL certification details were apprised to the students.

**Objectives:**

- The newly admits were provided feasible solutions to choose of courses and curriculum as per the newly designed autonomous curriculum.
- The learners gained an enhanced understanding of the curriculum. The queries with the parameters—placements, autonomy, internship facilities etc were effectively met with relevant responses

**Feedback Link:** <https://forms.gle/RDEYCKGmkDd6boM26>





**Event 8: F.Y. B. Tech Induction on —'Academics Related Protocols to the First Years, Organized on 31<sup>st</sup> December, 2021**

**Event 9: FY. B. Tech Induction on 'Library and Facilities' Organized on 3<sup>rd</sup> January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on **Library and facilities** for First Year Students on **3<sup>rd</sup> January 2022** from 1.30 PM – 2.30 PM. **Mrs.Gauri Gothivrekar, Librarian** was the Resource Speaker for the same.

**Participants:** 234

**Mode:** MS Teams

**Objectives:**

1. To make students aware about Institute's library's facilities
2. Make students register in National Digital Library.

**Key Points**

Mrs.Gauri Gothivrekar explained on Library offline facilities. Students were given detailed procedure to access procedure of online facilities. Students followed the instructions given for National Digital Library registration and club registration. The registration process was also completed simultaneously.

**Outcomes:**

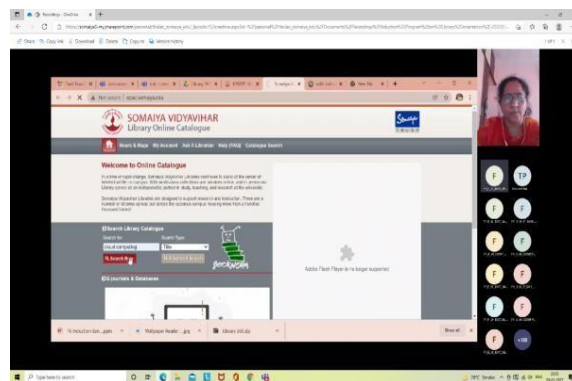
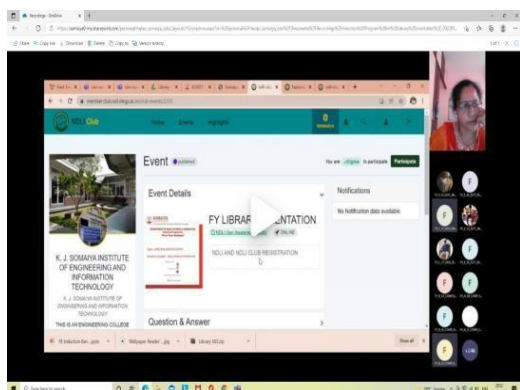
1. Students interacted with the Librarian and solved their queries about library
2. Students were given awareness about the offline library facilities.

There was a question-and-answer session followed by a 'thank you' note by Dr. Thulasi G Pillai. The participants completed the feedback formalities of the session.

**Feedback Link:**



<https://forms.gle/2azAxNe9Rn4mRbRE6>



**Event 9: FY. B. Tech Induction on ‘Library and Facilities’ Organized on 3rd January 2022**

**Event 10: FY. B. Tech Induction on ‘Information Technology as a Core Branch’ organized on 4<sup>th</sup> January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on **Information Technology as a Core Branch** for First Year Students on 4<sup>th</sup> January 2022 from 1.30 PM

– 2.30 PM. **Dr. Radhika Kotecha, Head, Department of Information Technology** was the Resource Speaker for the same.

**Participants:** 224

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about the core branch of Information Technology—its futuristic trends with significant applications
- To make the students aware about the activities in the department.

**Key Points:** Dr. Radhika Kotecha, Head, Department of Information Technology provided a detailed overview of the interdisciplinary features of the core branch to the newly admitted students. Dr. Radhika highlighted the pivotal role of the new cutting-edge technologies, the internships, research activities and best practices for job placement.

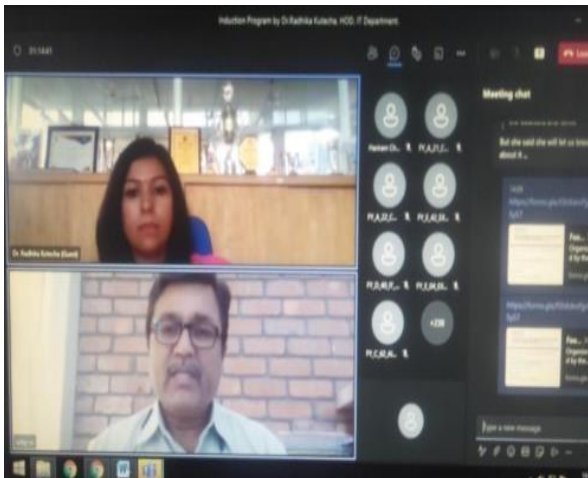
## Outcomes:

- The Induction session provided a definitive guideline on the domain of Information Technology, its emergent domains with a significant futuristic scope.
- Students got awareness about the departmental activities, research and innovation, projects and internships.

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

### **Feedback Link:**

<https://forms.gle/UWyK25kjP6TNzsCDA>



### **Event 10: FY. B. Tech Induction on ‘Information Technology as a Core Branch’ organized on 4th January 2022**

### **Event 11: F.Y. B. Tech Induction on “Computer Engineering as a Core Branch” organized on 5<sup>th</sup> January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on “*Computer Engineering as a Core Branch*” for First Year Students on 5<sup>th</sup> January 2022 from 1.30 PM – 2.30 PM. *Dr. Sarita Ambadekar, Head, Department of Computer Engineering Department* was the Resource Speaker for the same.

**Participants:** 120

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about the core branch of Computer Engineering —its scope, future industry trends in the trending domains.
- To make the students aware about the activities in the department, mainly the crucial participation in competitions such as Hackathon, Mastek Deep Blue Project etc

**Key Points:** Dr.Sarita Ambadekar, Head, Department of Computer Engineering conducted a detailed session on the multifarious aspects of Computer Engineering as a core branch to the newly admitted students. Dr.Sarita highlighted—computer departmental activities, awards & accolades, Internship details. In addition, significant aspects on competitions such as Hackathon, Mastek Deep Blue Project etc, and Placement details for AY 2020-2021 were provided.

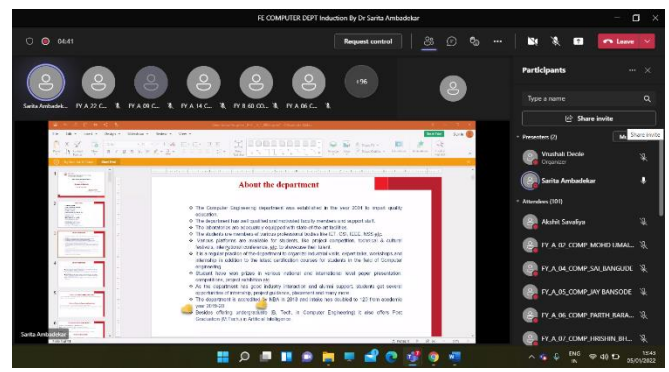
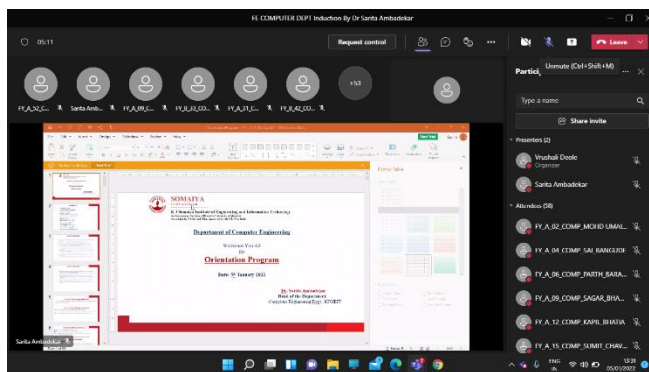
**Outcomes:**

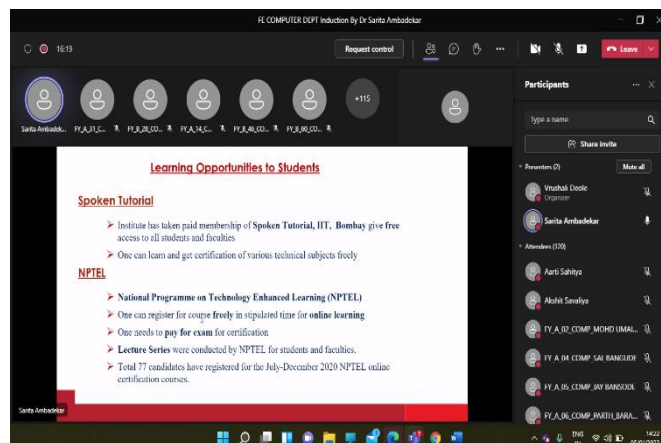
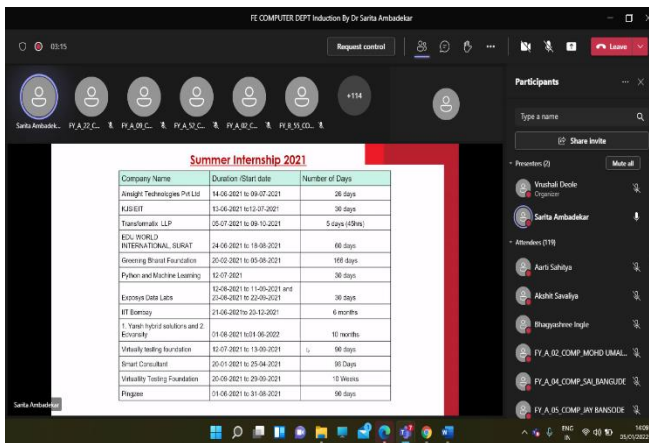
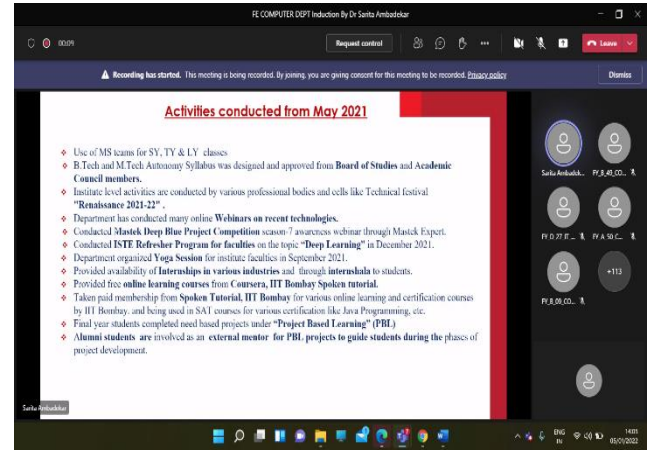
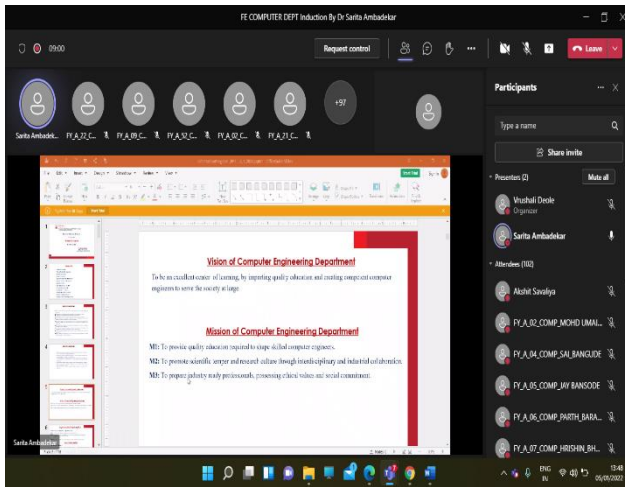
- The Induction session provided guidelines on the domain of Computer Engineering and its futuristic scope.
- Students gained an awareness about the departmental activities, research and innovation, projects and internships with placement scenario.

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

**Feedback Link:**

<https://forms.gle/b9yqWpLabRTQEpyR9>





**Event 11: F.Y. B. Tech Induction on “Computer Engineering as a Core Branch” organized on 5th January 2022**

**Event 12: F.Y. B. Tech Induction on “Industry Institute Interaction (IIC) Cell organized on 6th January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on “*Industry Institute Interaction (IIC) Cell*” for First Year Students on **6th January 2022** from 1.30 PM – 2.30 PM. **Dr. Vaishali Wadhe, Dean IIC & Professor— ETRX Dept** was the Resource Speaker for the same.

**Participants:** 260 FE students

**Mode:** MS Teams

**Objectives:**

- The IIC cell aims to provide updates on the technical trends, skill expectations, information on 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. Vaishali 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. Technology, skill expectations, placements, internships, collaborative efforts, Industry advisory board with 200 plus MoUs with –IBM, Mastek, Tata Power etc. She briefed on consultancy projects, IIC awards & accolades. The session offered a detailed insight on the vital aspects of obtaining experience & training with various Internships— stipends, paid internships etc. during summer vacations.

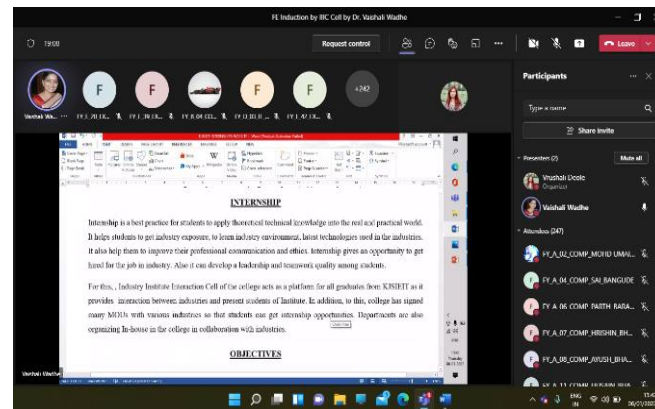
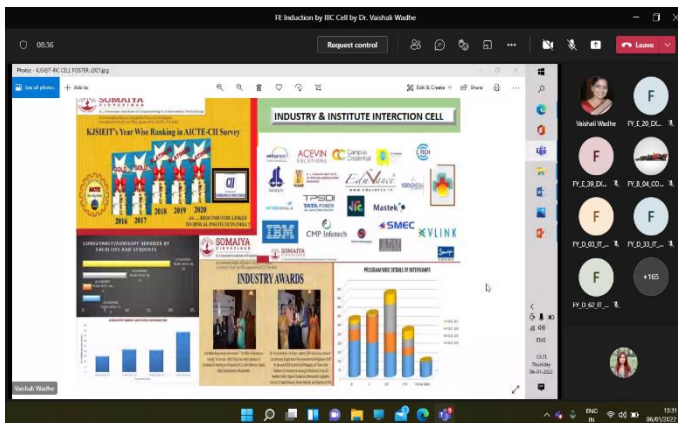
### **Outcomes:**

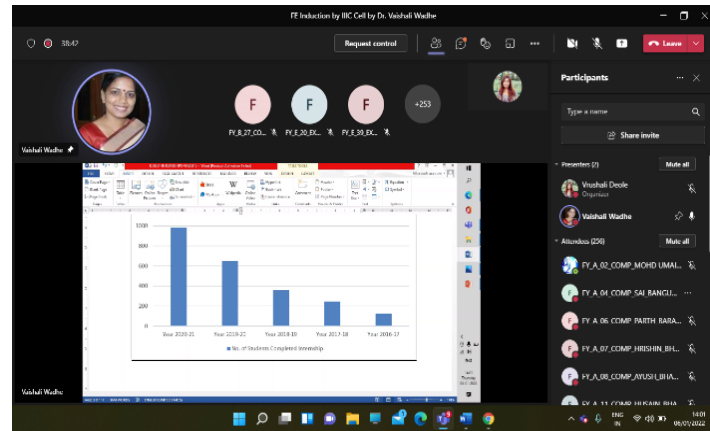
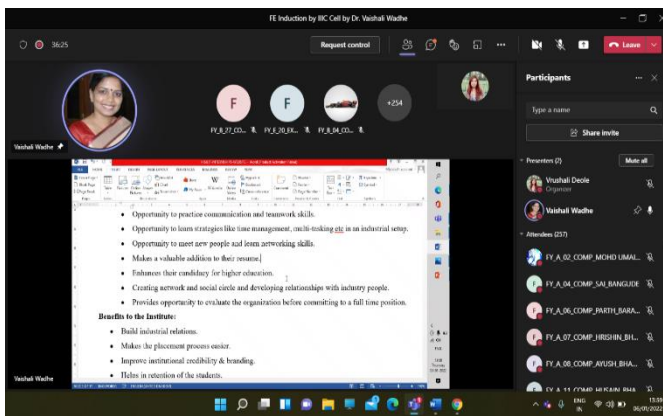
- The event provided a guidance & strategic endeavor in the direction to gain placements.
- It resulted in increasing the awareness in the direction of acquisition of jobs with prior internship experience.

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

### **Feedback Link:**

<https://forms.gle/SokLKMbNvK7tiKpr7>





**Event 12: F.Y. B. Tech Induction on “Industry Institute Interaction (IIC) Cell organized on 6th January 2022**

**Event 13: F.Y. B. Tech Induction on Innovation and ideas by RIIDL organized on 7th January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on **Innovation and ideas by RIIDL (Research Innovation Incubation Design Labs)**. for First Year Students on **7th January 2022** from 1.30 PM – 2.30 PM. **Mr.Nikhil Srivastava, Final year student of IT Department** was the Resource Speaker for the same.

**Participants:** 226

**Mode:** MS Teams

**Objectives:**

- The Induction Program organized by RIIDL is aimed to impart information about the start-ups and entrepreneurship.
- To make the students aware about the activities at RIIDL.

**Key Points:**

Mr. Nikhil Srivastava, explained his Start up Journey and how RIIDL helped him in that. Nikhil also explained about how work for getting a start-up, how to form a team in entrepreneurship. Students were also explained about the scaling up of the start-ups.

**Outcomes:**

- The Induction session provided a guideline on innovations and start-ups at RIIDL.
- Students were made aware of striking balance between start-ups and academics.

There was a question-and-answer session followed by a ‘thank you’

note by Dr. Thulasi G Pillai. The participants completed the feedback formalities of the session.

**Feedback Link:**

<https://forms.gle/FRKS9gPnVgL5hLNQ9>





***Event 13: F.Y. B. Tech Induction on Innovation and ideas by RIIDL organized on 7th January 2022***

***Event 14: F.Y. B. Tech Induction on — ‘Briefing on Scholarships’ Organized on 12<sup>th</sup> January, 2022***

The Department of Basic Sciences & Humanities organized the First Year Induction Program on —***Briefing on Scholarships*** on **12<sup>th</sup> January, 2022** from 3.30 PM – 4.00 PM. **Mr. Pandurang Terse, Office Head Clerk, KJSIEIT** was the Resource Speaker for the same.

Participants: 150 Mode: MS Teams

**Objectives:**

- The session was aimed to brief on the Government rules and regulations within the context of acquiring Scholarships, Aadhar card seeding process etc to the newly admitted first year
- To provide the administrative guidance & support required to fill the information on the government portal.

**Key Points:**

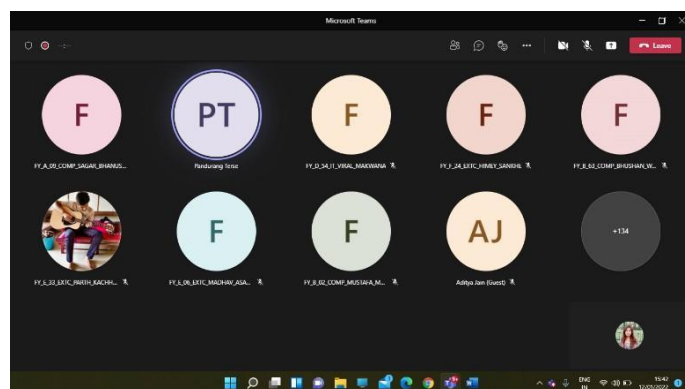
Mr. Pandurang Terse conducted a one-to-one interactive session on —***Briefing on Scholarships*** was in the direction to extend administrative support to fill in the information on Government Portals.

The queries were successfully sorted out in the context of—minority, economically backward, caste- based scholarships available etc.

**Objectives:**

- The newly admits were provided adequate guidance to fulfil the government laid rules —the Aadhar card seeding process and criteria viz the scholarship process etc.
- The student’s queries were satisfied with due guidance and support from the resource speaker.





**Event 14: F.Y. B. Tech Induction on — ‘Briefing on Scholarships’ Organized on 12<sup>th</sup> January, 2022**

**Event 15: F.Y. B. Tech Induction on ‘Discipline Awareness & Roles of Responsibilities of Students’ organized on 15<sup>th</sup> January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program **on Student council in association with Discipline committee** for First Year Students on **15<sup>th</sup> January 2022** from 12.00PM – 2.00 PM. **Mr.Uday Rote, Dean of Student affairs, Mrs. Shyamal Virnodkar**, Discipline committee in-charge, were the Resource Speakers for the same.

**Participants:** 246

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about the discipline of the institute.
- To make the students aware about the activities of student council.

**Key Points:**

Mrs.Shyamal Virnodkar briefed the students about the discipline to be followed in our institute. Mr.Uday Rote explained in detail about the student council and introduced the council members to the students. Mr.Rote explained in detail all the different committees and activities in our institute including NSS. The members of the student council also interacted with the FE students. Dr.Sanjiv Badhe took part in the discussion and explained the students about sports.

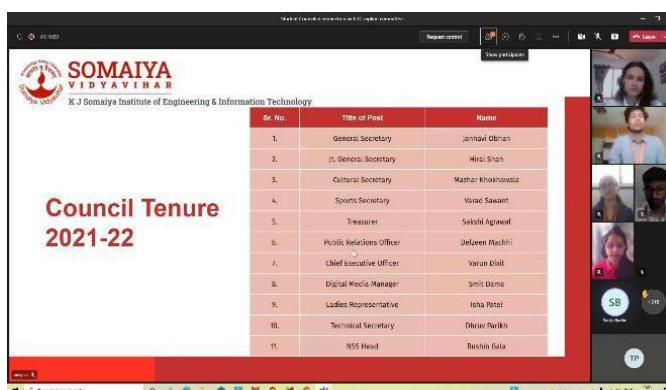
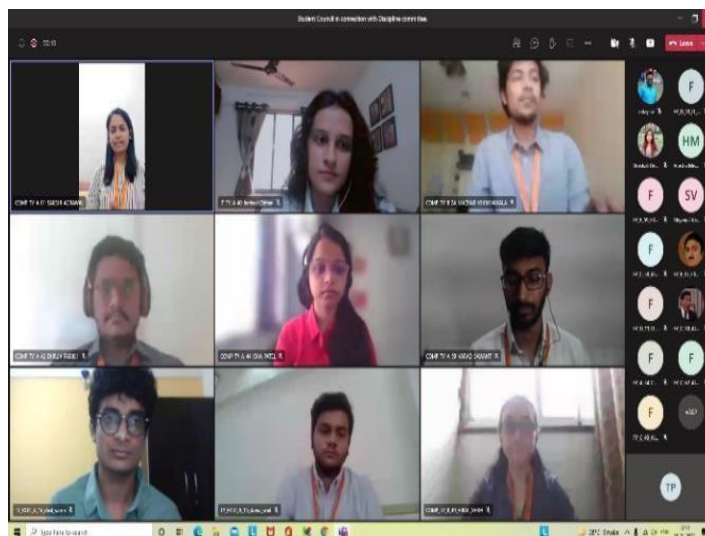
**Outcomes:**

- The Induction session provided a guideline on the discipline to be followed in our college.
- Students were made aware of Student council activities.

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

**Feedback Link:**

<https://forms.gle/TzZ2ykcNy7sPxxvRA>



**Event 15: F.Y. B. Tech Induction on ‘Discipline Awareness & Roles of Responsibilities of Students’ organized on 15<sup>th</sup> January 2022**

**Event 16: F.Y. B. Tech Induction on —Azadi Ka Amrit Mahotsav Organized on 18<sup>th</sup> January, 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on —Azadi Ka Amrit Mahotsav|| **Organized on 18<sup>th</sup> January, 2022 from 3.30 PM – 4.00 PM.** Mr. Shivam Kapoor from Ministry of Culture, Government of India was the resource speaker for the same.

**Participants:** 250

**Mode:** Zoom

**Objectives:**

- To emphasize on the rich cultural heritage of India via partaking in competitions organized by Govt. of India
- To inculcate spirit of patriotism amongst the students, citizens of India while imbibing the cultural notions

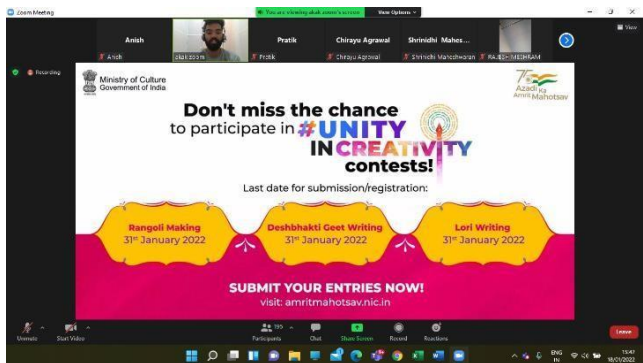
**Key Points:** Mr. Shivam Kapur briefed the FE participants on the various competitions –the Azadi Ka Amrit Mahotsav which is an initiative of the Government of India to celebrate and commemorate 75 years of progressive India and the glorious history of its people, culture and achievements.

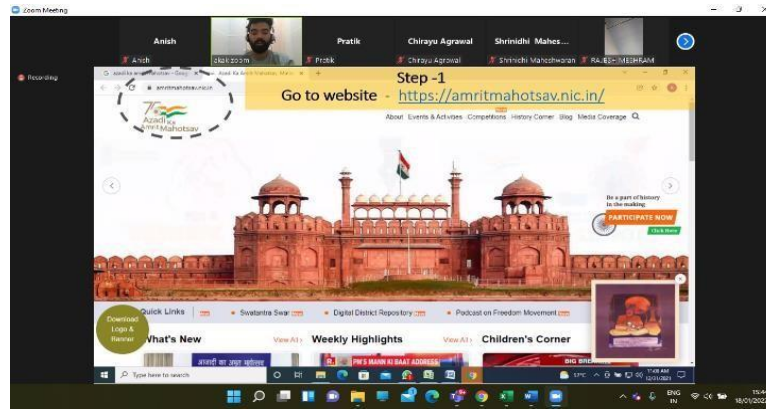
This **Mahotsav is dedicated to the people of India** who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Modi's vision of activating India 2.0, fuelled by the spirit of **Atmanirbhar Bharat**.

### Outcomes:

- The briefing on ‘Azadi ka Amrit Mahotsav’ generated an embodiment of progressive facets about India's socio-cultural, political and economic identity. T
- The students gained official information on the participation levels with regards to the 75<sup>th</sup> Anniversary of Indian Independence.

Link: <https://amritmahotsav.nic.in/>





***Event 16: F.Y. B. Tech Induction on —Azadi Ka Amrit Mahotsav Organized on 18th January, 2022***

***Event 17: F.Y. B. Tech Induction on —Software Development Cell & REDX Club organized on 19<sup>th</sup> January, 2022***

The Department of Basic Sciences & Humanities organized the First Year Induction Program on —***Software Development Cell & REDX Club*** on ***19<sup>th</sup> January, 2022*** from 4.00 – 5.00 PM. ***Prof. Shymal Virnodkar, Prof. Mrunali Desai & Prof. Kavita Bathe*** faculties from Computer Engineering Department & SDC Coordinators/ REDX Club In charges/Coordinators were the resource speakers for the same.

**Objectives:**

- The Induction Program is aimed to make students understand importance of working on real time projects under SDC & REDX Club.
- To understand Internship opportunities available at Software Development Cell
- To understand REDX framework & its activities

***Participants:85 Mode: Google Meet***

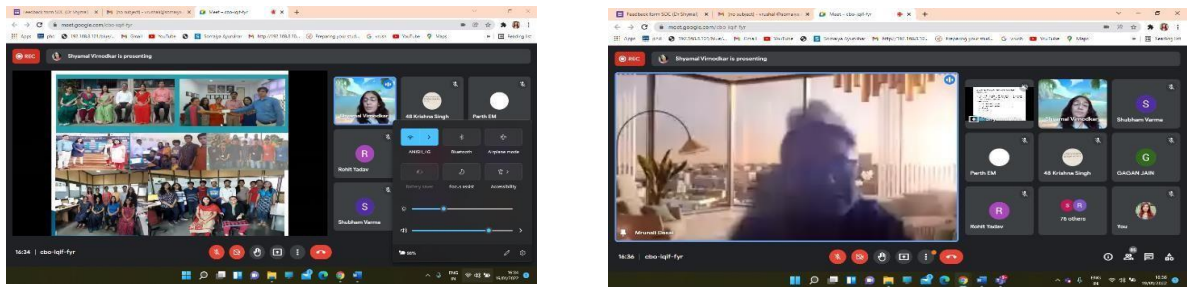
***Key Points:*** During the Session Resource Persons covered following points 1. Importance of Project Based Learning 2. Internship Opportunities available at SDC for students 2 3SDC Consultancy and Institute Level Projects 4. Efficiently use the

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. 11. Official website of REDX to the students with detailed background.

**Outcomes:**

- The participants gained significant insight into the wider dimensions of the SDC and REDX club.
- Students gained knowledge on project-based learning through SDC and REDX.
- 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 with ethical environmental sustainability.

**Feedback Link-** <https://forms.gle/Rz58fT7dhUHRQ32y6>



**Event 17: F.Y. B. Tech Induction on —Software Development Cell & REDX Club organized on 19<sup>th</sup> January, 2022**

**Event 18: F.Y. B. Tech Induction on —Department of Lifelong Learning and Extension (DLLE) Initiatives & Events on 20<sup>th</sup> January 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on **DLLE Initiatives and Events** for First Year Students on **20<sup>th</sup> January 2022** from 4.00 PM – 5.00 PM. **Dr. Sandhya Kadam, Extension Teacher; KJSIEIT-DLLE** was the Resource Speakers for the same.

**Participants:** 164

**Mode:** MS Teams

**Objectives:**

- The Induction Program is aimed to impart information about the Department of Lifelong Learning and Extension (DLLE) Initiatives & Events of Mumbai University.
- To make the students aware about the DLLE activities and guide them for registration.

## Key Points:

Dr. Sandhya Kadam briefed the students about the DLLE activities. Students were explained about the achievements of our college till 2021. Students were also made aware about the extension projects and its importance in gaining employment opportunities. Dr. Sandhya Kadam also explained about the benefits of working on extension activities and projects.

## Outcomes:

- The Induction session provided a guideline on the importance of DLLE initiatives.
- Students were made aware of the benefits and opportunities of DLLE extension activities.
- Students were provided guidelines and link to register in DLLE.

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

## Feedback Link:

<https://forms.gle/9wRddp7M9zg3zU8a6>



**Event 18: F.Y. B. Tech Induction on —Department of Lifelong Learning and Extension (DLLE) Initiatives & Events on 20<sup>th</sup> January 2022**

**Event 19: F.Y. B. Tech Induction on ‘Developer Students Club’ Organized on 22<sup>nd</sup> January, 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on ‘**Developer’s Student Club’ Organized on 22<sup>nd</sup> January, 2022** from 11.30 AM – 12.30 PM. Core members of Developer Students Club – **Master Jai Shah, Paras Kori Sarvesh Soni, Yash Panchal & Utkarsha Mokashi** of TE COMP under the guidance of Dr. Sarita Ambadekar— HoD Computer Engg Dept KJSIEIT were the Resource Speakers for the same.

**Participants:** 205

**Mode:** MS Teams

**Objectives:**

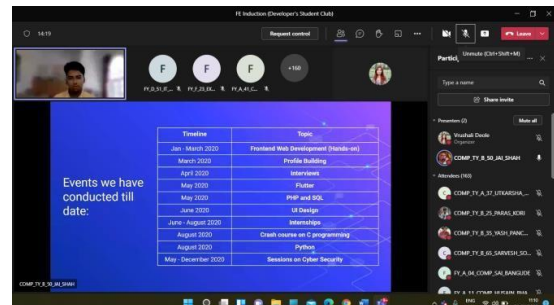
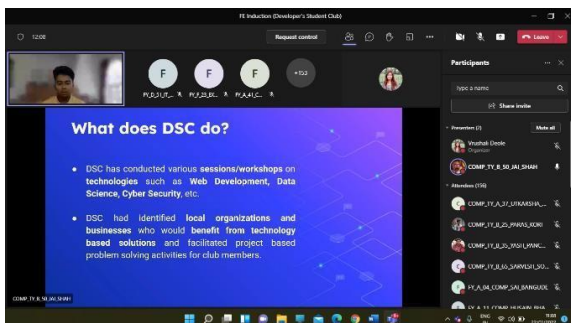
- To give a brief overview of the Developer Students Club, KJSIEIT.
- To describe events and workshops that were held in the previous year.
- To give overview of industry level technologies like Cybersecurity, Flutter, Data Science and Web Development.
- To clear doubts and queries about new technologies.

**Key Points:** The students of DSC Core members– Master Jai Shah, Paras Kori Sarvesh Soni, Yash Panchal & Utkarsha Mokashi of TE COMP gave a formal introduction about their club and its features. They provided the time-line, goals & initiatives of DSC. 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.

**Outcomes:**

The students gained detailed overview of the DSC –initiatives, events etc Web development, data science, latest curriculum, trending technologies Acquired information on internships, projects for the summer-break

**Feedback Link:** <https://forms.gle/95S4HBkCjXqXPp5>



**Event 19: F.Y. B. Tech Induction on ‘Developer Students Club’ Organized on 22<sup>nd</sup> January, 2022**

**Event 20: F.Y. B. Tech Induction on ‘Internet of Things’ (IoT) Cell Initiatives & Events’  
Organized on 27<sup>th</sup> January, 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on ‘**Internet of Things (IoT) Cell Initiatives & Events**’ Organized on **27<sup>th</sup> January, 2022** from 4.00 PM- 5.00 PM. IoT Cell Faculty In charge—**Dr. Vaishali Gaikwad** & Core members Master Prince Karia, Akshit Madani, Ankit Upadhyay, Devansh Thakkar, Nishita Thakkar of --TE Comp Engg Dept, Master Sourav Kumar—BE IT Dept., Master Neel Jagatia, Shardul Gawande—SE—AI&DS Dept were the Resource Speakers for the same.

**Participants:** 220

**Mode:** MS Teams

**Objectives:**

- To become an established leader of IOT with focus on internet centric learning
- To be a leading institute so as to offer training, internships
- To provide solutions via IoT & be a proactive partner of IOT India development initiatives

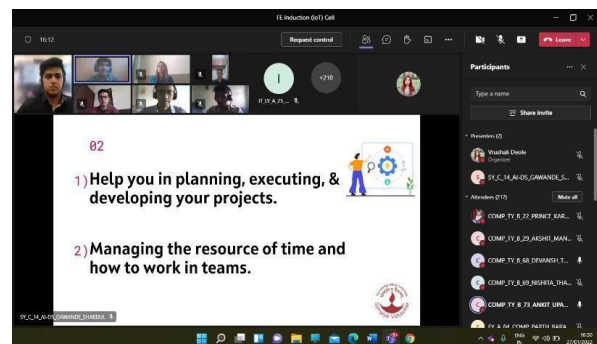
**Key Points:**

Dr. Vaishali Gaikwad & Core members provided vital information on the roles & responsibilities of the IoT cell. In addition, guidance on internships, the recent projects deployed –RFID tag, railway, smart glasses to overcome drowsiness, with innovative techniques adopted by the cell were discussed. The IoT cell spelled out the endeavours 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 ventured by IoT cell.

**Outcomes:**

- Students gained a brief exposure of IoT applications offered by the cell
- It resulted in enhanced knowledge based in the domain—AI, ML etc with recent technical trends

**Feedback Link:** <https://forms.gle/dZcosvSjVVPtZ23S>



**Event 20: F.Y. B. Tech Induction on ‘Internet of Things’ (IoT) Cell Initiatives & Events’  
Organized on 27<sup>th</sup> January, 2022**



**Event 21: F.Y. B. Tech Induction on 'IETE Initiatives and Events' Organized on 28<sup>th</sup> January, 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on '**IETE Initiatives and Events' Organized on 28<sup>th</sup> January, 2022** from 4.00 PM- 5.00 PM. IETE Faculty In charge— **Mrs.Medha Asurlekar** was the Resource Speaker for the same.

**Participants:** 130

**Mode:** MS Teams

**Objectives:**

To make students aware about IETE membership

To make students aware about benefits of the IETE students forum

To brief the students about the events organised by IETE

**Key Points:**

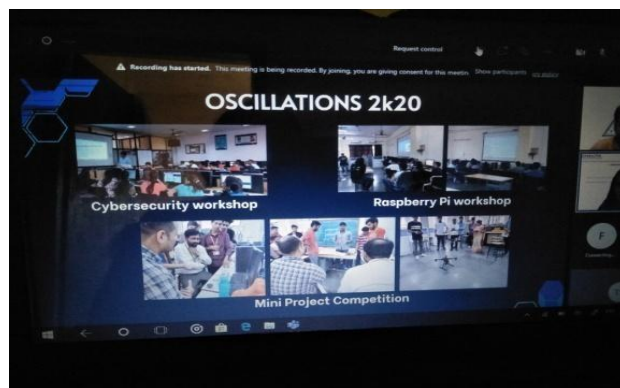
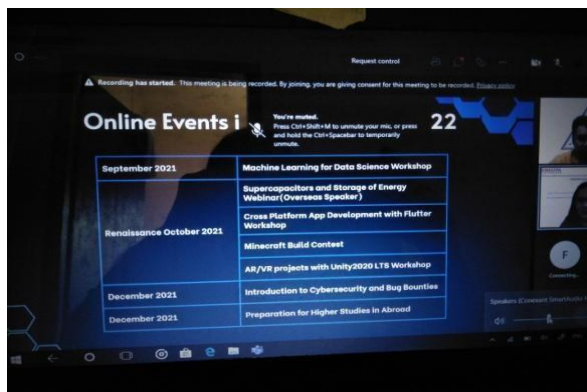
Mrs. Medha Asurlekar and team members provided vital information on the IETE student forum. In addition, guidance on the events and workshop organised, were discussed. The technical fests conducted were also discussed. The online events conducted were also explained.

**Outcomes:**

Students gained a brief exposure of IETE students forum.

Students understood the benefit of taking membership in IETE forum.

**Feedback Link:** <https://forms.gle/s1hPTQGwPmbqE7ZG6>



**Event 21: F.Y. B. Tech Induction on 'IETE Initiatives and Events' Organized on 28<sup>th</sup> January, 2022**

**Event 22: F.Y. B. Tech. Induction on 'CSI Initiatives and Events' Organized on 29<sup>th</sup> January, 2022**

The Department of Basic Sciences & Humanities organized the First Year Induction Program on '**CSI Initiatives and Events' Organized on 29<sup>th</sup> January, 2022** from 11.00 PM- 12.00 PM. CSI Convener— **Mr.Uday Rote**, CSI Coordinators, **Mr.Prashant Sawant** and **Mrs.Nisha Vanjari** were the Resource Speakers for the same.

**Participants:** 168

**Mode:** MS Teams

**Objectives:**

- To make students aware about Computer Society of India
- To make students understand the working of CSI
- To make students aware of the events organised by CSI

**Key Points:**

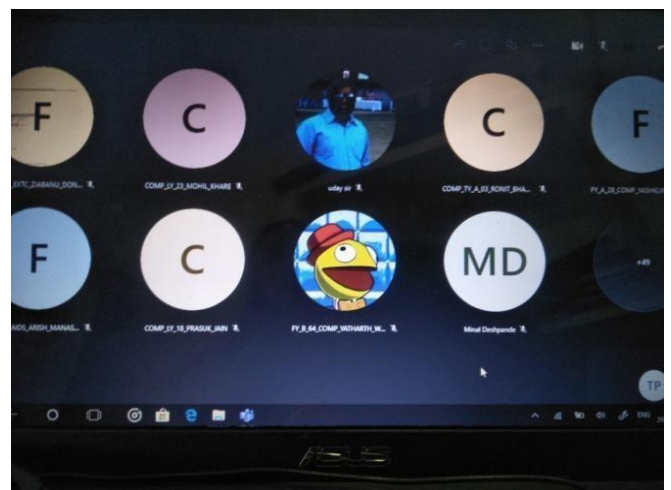
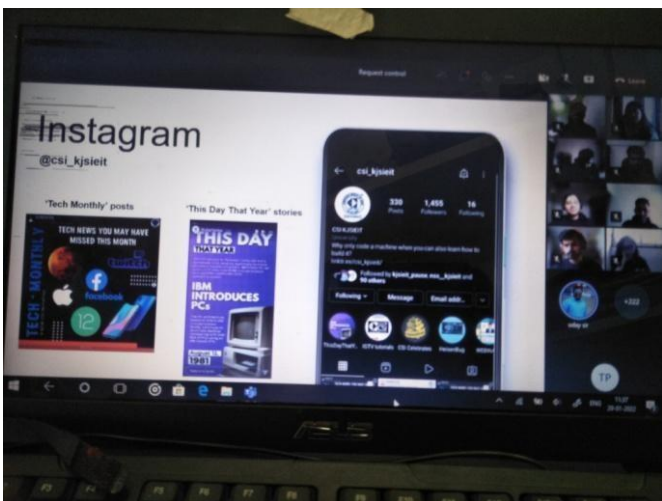
Mr.Uday Rote and team members provided information on the CSI. Different teams working under CSI were elaborated for students. The other Coordinators Mrs. Nisha Vanjari and Mr.Prashant Sawant also briefed about CSI to students and how to take membership in CSI.

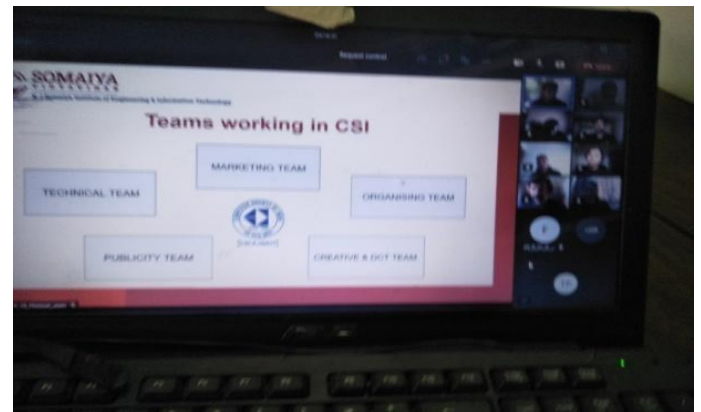
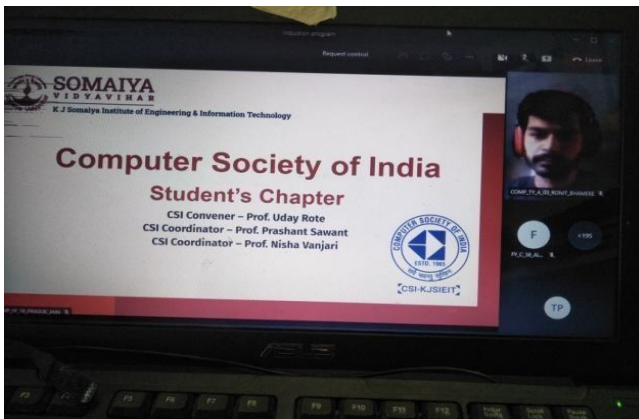
**Outcomes**

Students gained a brief exposure of CSI.  
Students understood the activities of CSI.

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

**Feedback Link:** <https://forms.gle/iYmza7EijZqPdkPQA>





***Event 22: F.Y. B. Tech. Induction on 'CSI Initiatives and Events' Organized on 29<sup>th</sup> January, 2022***

***Event 23: F.Y. B. Tech. Induction on 'IIC Initiatives and Events' Organized on 23<sup>rd</sup> February, 2022***

The Department of Basic Sciences & Humanities organized the First Year Induction Program on ***'IIC Initiatives and Events'*** Organized on ***23<sup>rd</sup> February, 2022*** from 5.00 PM- 6.00 PM. IIC Faculty In charge—***Dr. Radhika Kotecha*** was the Resource Speaker for the same.

***Participants:*** 130

***Mode:*** MS Teams

***Objectives:***

- To make students aware about IIC membership
- To make students aware about benefits of the IIC
- To brief the students about the events and activities organised by IIC

***Key Points:***

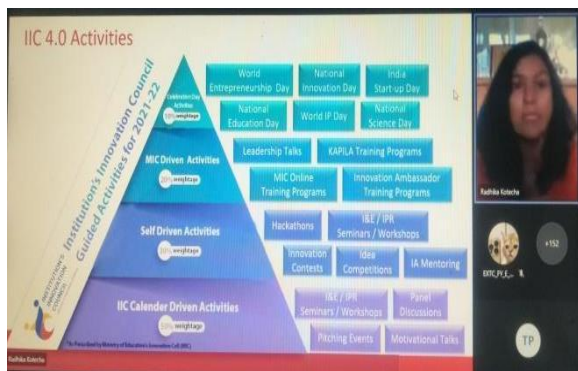
Dr.Radhika Kotecha, Head, Department of Information Technology provided vital information on the Institute Innovation council. The vision and mission of the council was discussed. In addition, guidance on the initiatives of MIC-IIC for students were deliberated. The achievements of IIC were also explained.

***Outcomes:***

- Students gained a brief exposure IIC.
- Students understood the benefit of taking membership in IIC.

There was a question-and-answer session. The feedback link was shared.

**Feedback Link:** <https://forms.gle/shRbZK3griyhNfHF8>



**Event 23: F.Y. B. Tech. Induction on 'IIC Initiatives and Events' Organized on 23rd February, 2022**

**Event 24: Celebration of 'International Women's Day' on 8th March, 2022**

The Dept. of Basic Sciences & Humanities (BS&H) Department in association with the Internal Quality Assurance Cell (IQAC) K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai organized an event on the occasion of **“International Women’s Day” from 8th March – 10th March, 2022**. The activity was organized for F.Y. BTech students of the Institute. The faculties involved were—Dr. Vaishali Ghadyalji & Dr. Vrushali Deole, of BS&H Dept. in addition to Prof. Vrinda Ullas—IQAC Coordinator, and Dr. Harsha Mishra—HoD—BS&H Department.

Participants: F.Y. BTech students

Mode: Online & offline

**Objectives:**

- To create awareness on the occasion of International Women’s Day on 8th March, as a global celebration of women’s incredible achievements.
- To mark the day and raise awareness on challenges faced by Women & to advocate gender equality.

**Key Points:**

The students presented inspirational presentation on 'Iconic Woman Leader'. The presentation in groups encompassed—the exemplary woman leaders, professional achievements, famous awards, inspirational quotes, challenges overcome by the women leaders etc.

The evaluation parameter with gradient criteria lead to the declaration of winners, the details presented below:

**LIST OF FY. B. TECH STUDENTS FOR CERTIFICATE OF APPRECIATION ON THE OCCASION OF PARTICIPATING/PRESENTING ON THE OCCASION OF INTERNATIONAL WOMEN'S DAY ON 8<sup>TH</sup> MARCH, 2022**

Sr. No	Roll No	Branch	Name	Topic	Email
1	A-21	Computer Engineering	Desai Palak	Malala Yousafzai: An Iconic Woman Leader	palak.pd@somaiya.edu
2	A-22	Computer Engineering	Dhar Deep		deep.dhar@somaiya.edu
3	A-27	Computer Engineering	Doshi Maitry		maitri07@somaiya.edu
4	A-28	Computer Engineering	Dubey Yashkumar		yashkumar.d@somaiya.edu
5	A-29	Computer Engineering	Dusne Swaraj		swaraj.dusane@somaiya.edu

Sr. No	Roll No	Branch	Name	Topic	Email
1	E-1	EXTC	Akash Adhyapak	Rosa Park: An Iconic Woman Leader	akash.adhyapak@somaiya.edu
2	E-10	EXTC	Vidhan Bhasme		vidhan.b@somaiya.edu
3	E-3	EXTC	Om Alim		om.alim@somaiya.edu
4	E-4	EXTC	Fredrick Ambrose		fredrick.a@somaiya.edu
5	E-6	EXTC	Madhav Asawa		madhav.asawa@somaiya.edu

6	E-7	EXTC	Arrya Bhaik		arrya.bhaik@somaiya.edu
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Sr. No	Roll No	Branch	Name	Topic	Email
1	E-26	EXTC	Aditya Jain	Smt. Sindhutai Sakpal : An Iconic Woman Leader	aditya.jain2@somaiya.edu
2	E-24	EXTC	Vedant Hedao		vedant.hedao@somaiya.edu
3	E-25	EXTC	Nishant Jadhav		nishant.aj@somaiya.edu
4	E-30	EXTC	Ankit Kale		ankit.kale@somaiya.edu

Sr. No	Roll No	Branch	Name	Topic	Email
1	E-55	EXTC	Shriram Phase	Kalpana Chawla: An Iconic Woman Leader	shriram.phase@somaiya.edu
2	E-51	EXTC	Arnav Pawar		arnav.up@somaiya.edu
3	E-57	EXTC	Adarsh Ravikumar		a.ravikumar@somaiya.edu
4	E-56	EXTC	Srushti Pote		srushti.pote@somaiya.edu
5	E-58	EXTC	Anushka Sabale		anushka.sabale@somaiya.edu

Sr. No	Roll No	Branch	Name	Topic	Email
1	B-8	Computer Engineering	Ved Mota	Sushama Swaraj: An Iconic Woman Leader	ved.m@somaiya.edu
2	B-10	Computer Engineering	Chaitanya Nemade		chaitanya.nemade@somaiya.edu
3	B-3	Computer Engineering	Vimal Mehta		vimal.mehta@somaiya.edu
4	B-1	Computer Engineering	Mustafa Mapara		mustafa.mapara@somaiya.edu

Sr. No	Roll No	Branch	Name	Topic	Email
1	B-23	Computer Engineering	Radhika Pawar	Mitali Raj: An Iconic Woman Leader	radhika.pawar@somaiya.edu
2	B-25	Computer Engineering	Parth Pulkundwar		p.pulkundwar@somaiya.edu

3	B-26	Computer Engineering	Jivitesh Rai		jivitesh.r@somaiya.edu
4	B-30	Computer Engineering	Esmail Salakar		esmail.s@somaiya.edu
5	B-22	Computer Engineering	Rudra Patole		rudra.patole@somaiya.edu

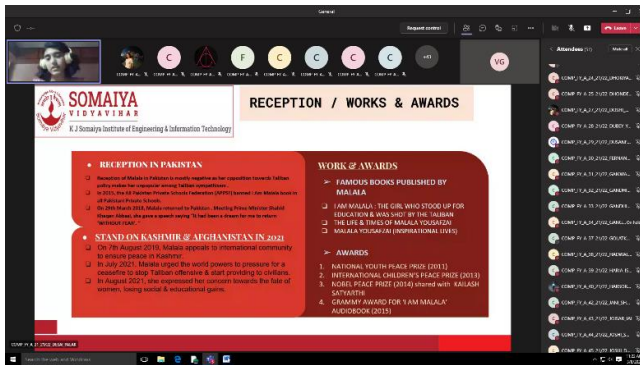
Sr. No	Roll No	Branch	Name	Topic	Email
1	B-53	Computer Engineering	Thaker Anmol	Indira Gandhi: An Iconic Woman Leader	a.thaker@somaiya.edu
2	B-56	Computer Engineering	Udaipurwala Batul		batul.u@somaiya.edu
3	B-60	Computer Engineering	Vasa Shruti		shruti.vasa@somaiya.edu
4	B-52	Computer Engineering	Sutar Arya		aarya.sutar@somaiya.edu

Sr. No	Roll No	Branch	Name	Topic	Email
1	B-47	Computer Engineering	Shrimali Sanidya	Savitribai Phule: An Iconic Woman Leader	sanidhya.rs@somaiya.edu
2	B-42	Computer Engineering	Harsh Shah		has9@somaiya.edu
3	B-44	Computer Engineering	Nikunj Sharma		sharma.nn@somaiya.edu
4	B-45	Computer Engineering	Pratik Shetty		pps12@somaiya.edu
5	B-46	Computer Engineering	Aditya Shirke		aditya.shirke@somaiya.edu

**Outcomes:**

- The event enabled the students to gain a detailed insight into iconic inspirational women leaders with ethical values

- The presentation resulted in an enhanced understanding of gender equality and emancipation of women with professional success.



**Image Glimpses: Event on ‘International Women’s Day’ on 8th March, 2022**

**Event 25: FY. B Tech. Online Induction: “Workshop on Virtual Lab for all the Experiments of Engineering Chemistry” on 5th March, 2022**

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on **“Workshop on Virtual Lab for all the Experiments of Engineering Chemistry” on 5th March, 2022.** The initiative has been by the **Ministry of Education**



**Under the National Mission on Education through ICT.** The workshops were conducted by Dr. Harsha Mishra (HoD, BS&H Dept) & Dr. Shaheen Pathan (Faculty in BS&H Dept).

AICTE Induction Objective Mapped: Proficiency Development

**Mode;** MS Teams (Online)

**Participants:** 300 Students.

**Objectives:**

- Aim of Virtual Lab- Virtual lab refers to a virtual teaching and learning environment aimed at **developing students' laboratory skills.**
- As one of the most important 'eLearning tools', they allow the student to conduct various experiments without any constraints to place or time, in contrast to the constraints of real labs.

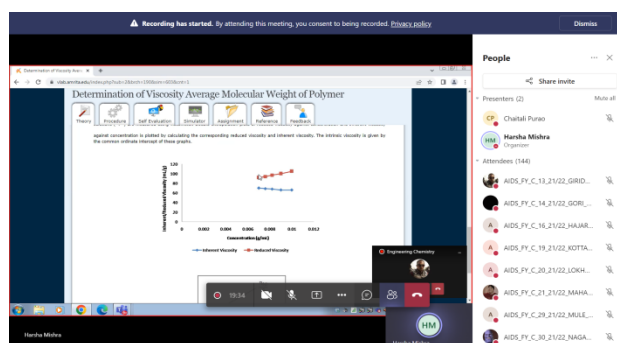
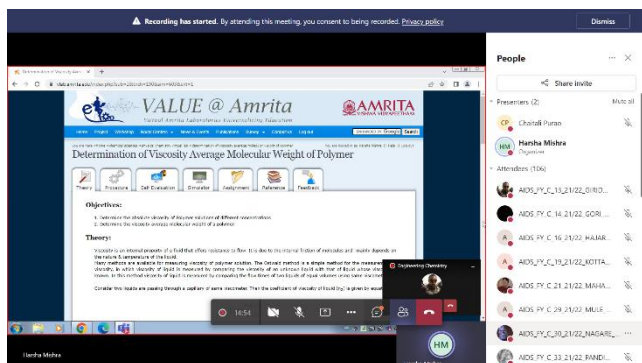
**Key Points:**

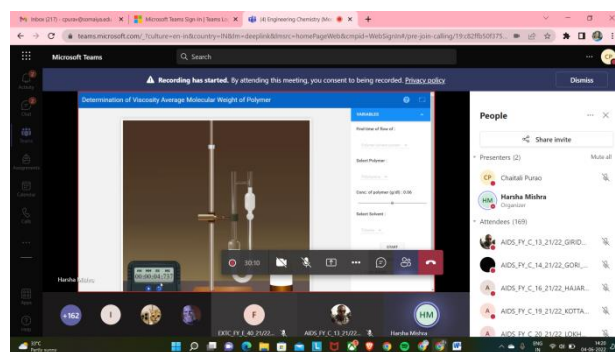
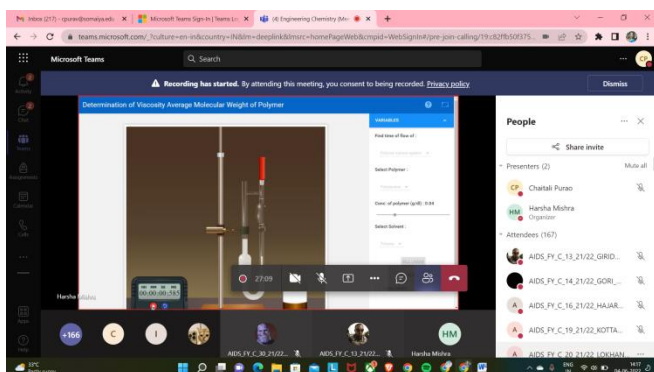
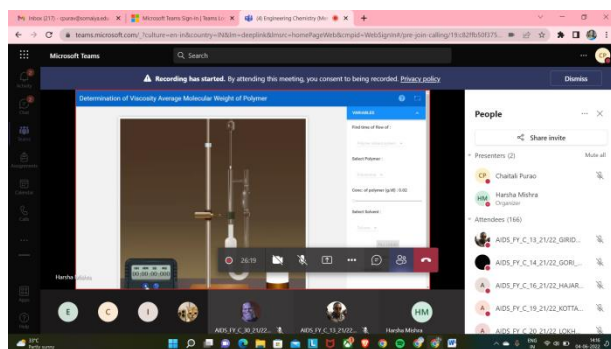
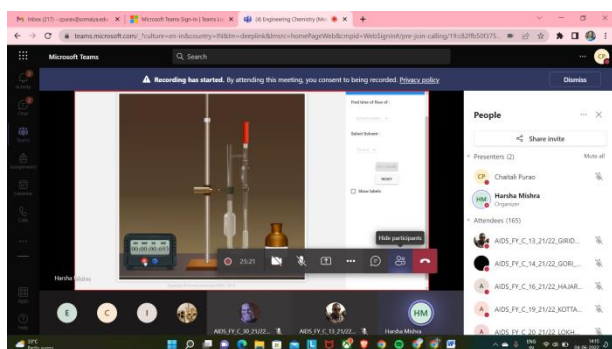
Dr. Harsha Mishra & Dr. Shaheen Pathan provided an enhanced experience via describing the learners to the chemistry virtual laboratory. The process facilitated a remote-access to simulation-based experiments in the domain of Chemistry. The endeavour inculcated a spirit of enquiry in the first year students via conduction of experiments by arousing their curiosity in the expansive field of chemical engineering with common areas to the allied-core fields of engineering. Also, it resulted in grasping the basic and advanced concepts through remote experimentation process in Chemistry.

As an enhanced feature, the virtual laboratory also offered a complete Learning Management & the students availed the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.

**Outcomes:**

- More than 300 students performed Chemistry experiments from their own places with add-on virtual simulation features.
- Instruments which are not accessible for undergraduate students –NMR & IR spectrometer, were made available for the experiments via the virtual lab





***FY. B Tech Online Induction: “Workshop on Virtual Lab for all the Experiments of Engineering Chemistry” on 5<sup>th</sup> March, 2022***

***Event 26: “Post Covid Protocols in Offline Mode at the KJSIEIT Ayurvihar Campus” on 6<sup>th</sup> April, 2022.***

The Basic Sciences and Humanities Department (BS&H) organized an event to welcome the **First Year Students on 6<sup>th</sup> April, 2022** in the Institute auditorium from 9.00 Am onwards. The First Year students were welcomed for the semester II as an official formality. The program was marked with the attendance of around 300 students.

Audience: Around 300 students

***Objectives:***

- To welcome the first year B. Tech students in the conventional mode of learning
- To brief the students on the academic parameters as well as rules, regulations of the Institute.

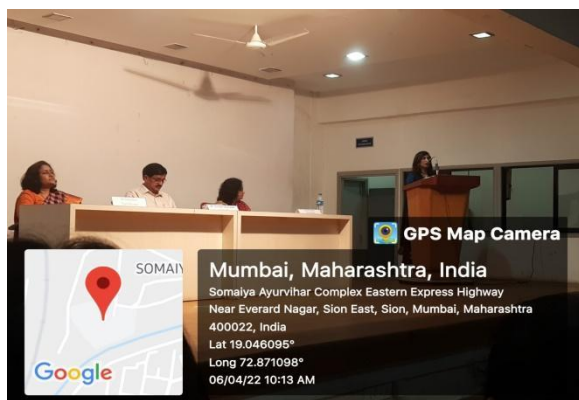
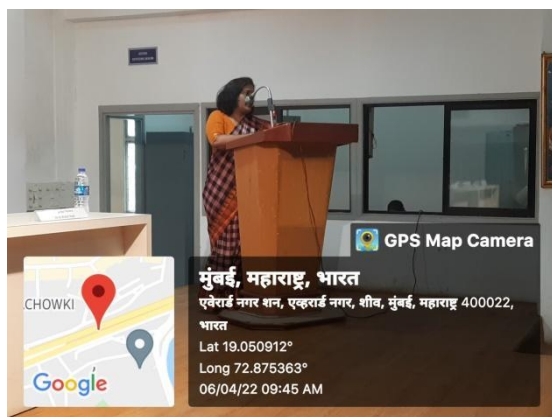
***Key Points:***

The event was graced by **Dr. Suresh Ukarande**—Principal, **Dr. Sunita Patil**—Vice-Principal, **Dr. Harsha Mishra**—Head of BS&H Dept. An inaugural ceremony was held at the

commencement with the campus prayer. It was followed by Dr.Harsha Mishra’s guidance session on the evaluation patterns and significant aspects related to the first year department. In addition, the students were also apprised of the various facilities, professional chapters, administrative issues, disciplinary norms, etc. Dr.Sunita Patil, extended her welcome with a succinct overview of the roles and responsibilities the first year students are supposed to display in the Institute. The Vice-Principal highlighted the role of ‘Somaiya’ as a brand to shape the career roles. Dr. Suresh Ukarande put forward inspiring views and encouraged the newly admits to utilize the campus opportunities. The principal emphasized the pivotal role of students who will adhere to the norms and professional decorum in the campus as a part of futuristic industry-oriented grooming. The event came to a close by a ‘Thank You’ note by Dr. Vrushali Deole.

**Outcomes:**

- The First Year B. Tech students gained vital insights of the protocol, the roles & responsibilities to be abided during the conventional mode stated with effect from 6<sup>th</sup> April, 2022.
- The learners gained gist of activities, the importance of academics for the overall career progress





***BS&H Event: First Year Welcome in Conventional Mode on 6<sup>th</sup> April, 2022***

***Event: 27: FY. B Tech Online Induction on New Leap Initiative (NLI) Club & Centre for Radio Operations & Wireless Network (CROWN) (VU2CWN) –by Dr. Umesh Shinde (Dean, R&D) on 16<sup>th</sup> April, 2022***

The Department of Basic Sciences & Humanities organized the ***FE Online Induction on New Leap Initiative (NLI) & Centre for Radio Operations & Wireless Network (CROWN) (VU2CWN) –by Dr. Umesh Shinde (Dean, R&D) on 16<sup>th</sup> April, 2022 from 10.00-11.00 AM.*** In addition, alumni Mr. Rohit Bokade, (2019-2020 Batch of IT Dept) & M.E student at KJSIEIT & NLI team—Alumni Mentor Miss Supriya Bhide (COMP 2020-2021), Mr. Nikhil Shinde (EXTC 2021-2022) and Miss Rhythm Bhatt (TE Comp Dept) interacted with the students.

***Participants:*** 165 FE students

***Mode:*** MS Teams Online

***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.

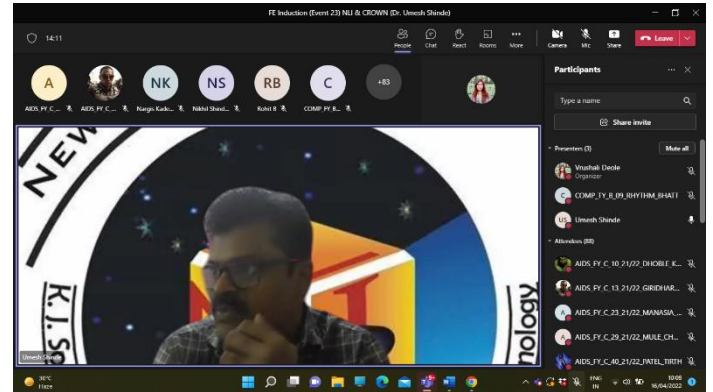
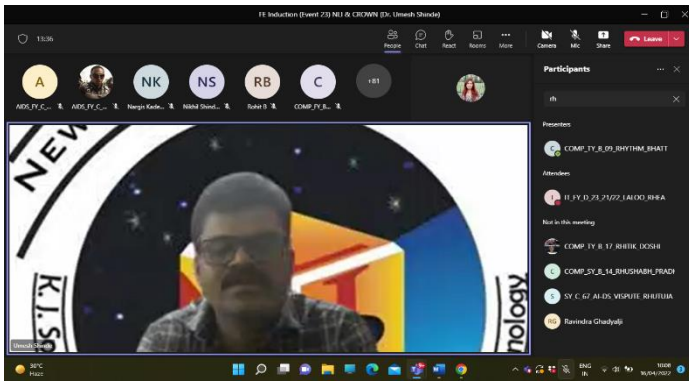
***Key Points:*** Dr. Umesh Shinde provided an overview of the working of the New Leap Initiative Club working on mega projects of launching satellites, its awards, accolades etc. Mr. Rohit Bokade enriched the students with project guidance on spatial research. His guidance encompassed the trending studies, 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/j9rRNdx1uSJM8hgq6>



***FY. B Tech Online Induction on New Leap Initiative (NLI) Club & Centre for Radio Operations & Wireless Network (CROWN) (VU2CWN) –by Dr. Umesh Shinde (Dean, R&D) on 16<sup>th</sup> April, 2022***

***Event: 30: F Y. B Tech. Online Induction on Career Opportunity for Engineering Students in Public Sector (CEOPS) –by Prof. Sandhya Deshpande on 30<sup>th</sup> April, 2022***

The Department of Basic Sciences & Humanities organized the ***FE Online Induction on Career Opportunity for Engineering Students in Public Sector (CEOPS) on 30<sup>th</sup> April, 2022 from 10.00-11.00 AM***. In addition, the final year student of EXTC Department and Chairperson of CEOPS Cell Mr Hritik Maurya, interacted and motivated the students.

***Participants:*** 105 FE students

***Mode:*** MS Teams Online

### Objectives:

- The CEOPS Cell aims to provide exposure in the domain of Career Opportunity for engineering students in the Public Sector.
- To learn the importance of shaping the career and reaching out to progress in the working phase.

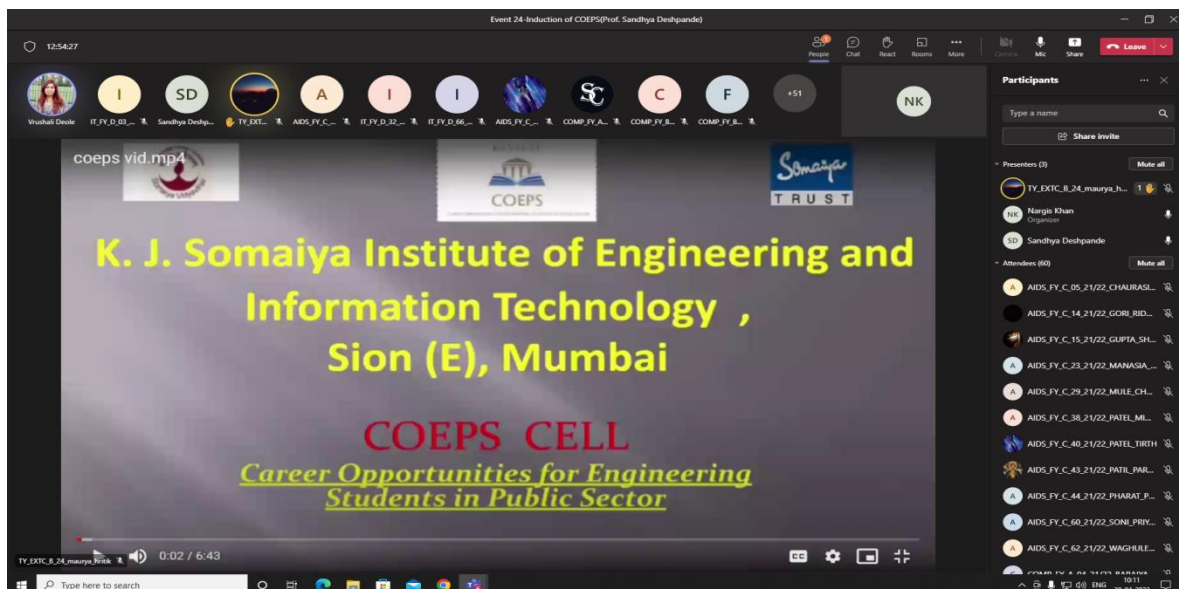
**Key Points:** Dr. Sandhya Deshpande provided an overview of the working of the CEOPS Cell through a video and then gave a brief about how it works for the welfare of the students. Mr.Hritik Maurya shared his experience as the chairperson of the Cell to the students. He stated that till date the committee has completed 57 internships in the public sector including Indian Railways, Nehru Science Center etc. Also, the presenter of the meeting Dr. Sandhya Deshpande cleared the queries of the students with a motivational thought. She concluded her presentation by calling out all the students to reach the CEOPS Cell which is located on the 4th floor. Other than this, students can also contact through somaiya mail.id.

### Outcomes:

- The CEOPS Cell provided a thorough direction in the domain of Career Opportunity in the Public Sector.
- The speaker equipped the learners with adequate knowledge on the various opportunities and how to contact them to get into the same.

### Feedback link:

[https://docs.google.com/forms/d/e/1FAIpQLSe9yse6ORqb0o7jES0G4HkisFwzBfwZxGluqvNr0c9vbCTV\\_Q/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSe9yse6ORqb0o7jES0G4HkisFwzBfwZxGluqvNr0c9vbCTV_Q/viewform?usp=sf_link)





**Event: 30: F Y. B Tech. Online Induction on Career Opportunity for Engineering Students in Public Sector (CEOPS) –by Prof. Sandhya Deshpande on 30<sup>th</sup> April, 2022**

**Event: 31: F Y. B Tech. Online Induction on “Dharma Studies”- An Overview –by Prof. Reshma Kamble on 07<sup>th</sup> May, 2022**

The Department of Basic Sciences & Humanities organized the **FE Online Induction on “Dharma Studies”- An Overview – by Prof Reshma Kamble from 10.00-11.00 AM.**

**Participants:** 94 FE students

**Mode:** MS Teams Online

**Objectives:**

- K.J Somaiya Institute of Dharma Studies (Vidyavihar) aims to provide exposure in the domain of **Religion, Culture and Philosophy.**
- To learn fundamental concepts of Sanskrit, Philosophy and History as it is available in the terms of Diploma or Certified courses.

**Key Points:** Prof. Reshma Kamble provided an overview of the ‘Dharma Studies’ which the studies can opt along with their current studies and also gave a brief about its establishment at their Institute, etc. Madam also showcased the horizontal exploration Institute at an International Level. The Institute also collaborated with the other Institute to present the aim in a better way and the registration was in number from student’s side as they participated enthusiastically.

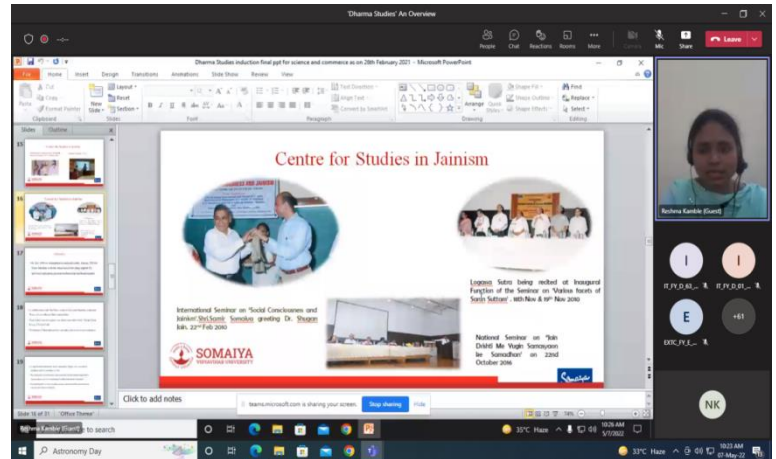
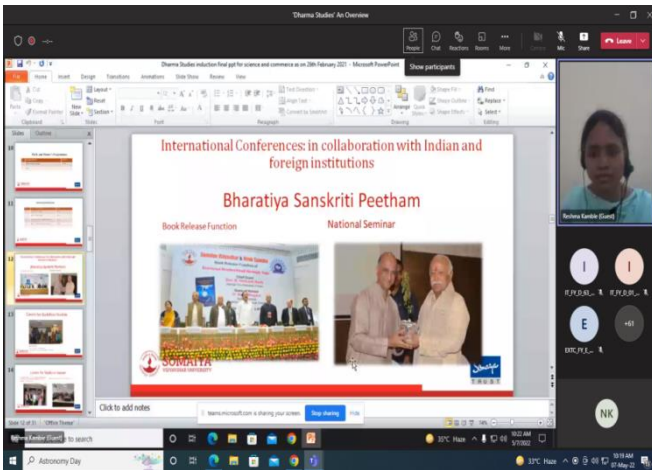
**Outcomes:**

- The Presenter gave a noteworthy information about the list of courses that is available at K.J. Somaiya Institute of Dharma Studies (Vidyavihar)

- The speaker equipped the students with adequate knowledge on the importance of Dharma Studies in today’s Technical and Modernized world.

**Feedback link:**

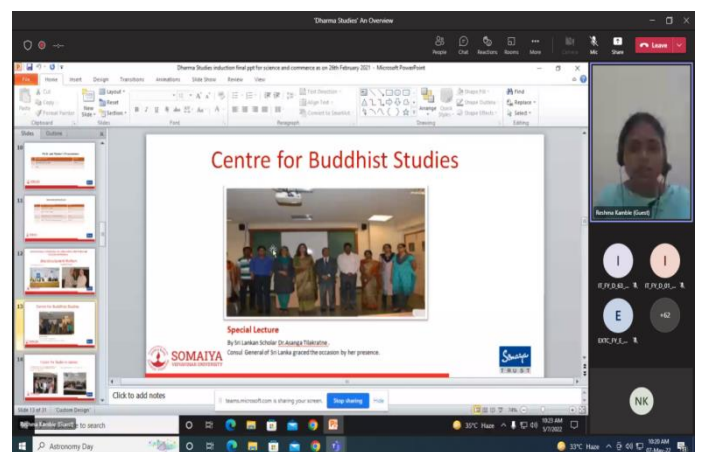
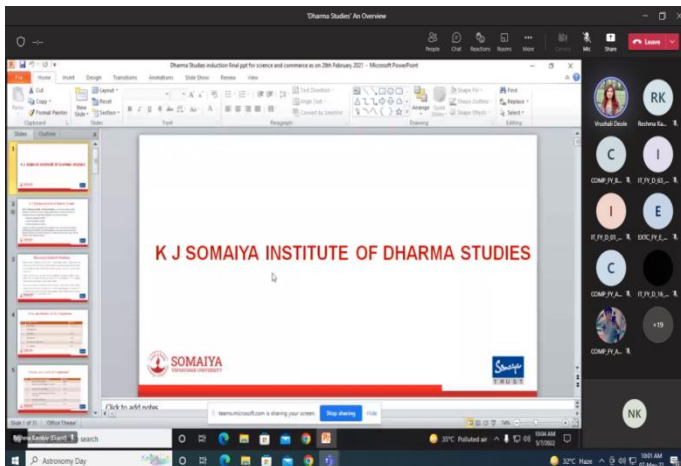
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**Event: 31: F Y. B Tech. Online Induction on “Dharma Studies”- An Overview –by Prof. Reshma Kamble on 07<sup>th</sup> May, 2022**

**Event 32: F Y. B Tech. Online Induction: "Foreign Languages offered at SVV-An Overview" on 14<sup>th</sup> May, 2022**

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on “Foreign Languages offered at SVV-An Overview” (Event 26) on 14<sup>th</sup> May, 2022 from 10.00 AM-11.00 AM. The invited resource speaker for the session was Prof. Pranali Mehta from Department of Foreign Languages (Aurobindo Building), Somaiya Vidyavihar University.





## AICTE Induction Objective Mapped: Guest Lectures /Workshops by Eminent People

**Mode;** MS Teams (Online)

**Participants:** 75 FE Students.

### **Objectives:**

- To apprise students on the extensive ‘Foreign Languages’ & courses offered at SVV
- To increase awareness on the potential benefits of holistic development via foreign languages.

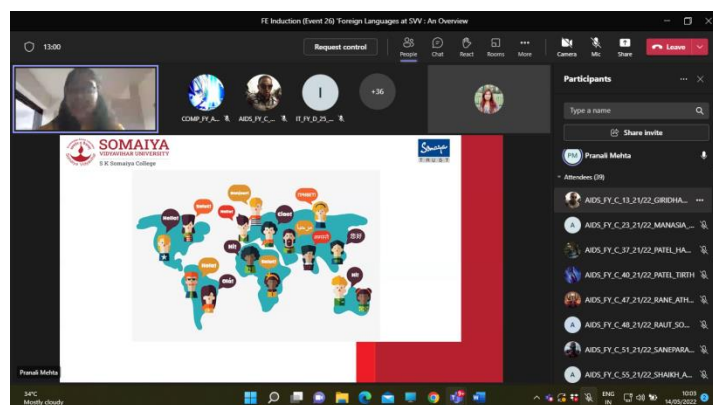
**Key Points:** *Prof. Pranali Mehta* presented a brief overview of the various languages—Chinese, Japanese, French, German, Spanish, Italian in addition to the ancient Indian languages offered at the SVV Campus. She emphasized on the crucial role of knowledge of foreign languages for educational as well as job purposes. Her presentation encompassed the importance of taking up foreign language courses, the additional benefits in developing one’s persona in addition to providing meticulous insights into the registration formalities. The USP of the Department of Foreign Languages were highlighted—tie-ups with world renowned universities, trending researches, experts from the globe, international collaborators who interact with the students on regular basis.

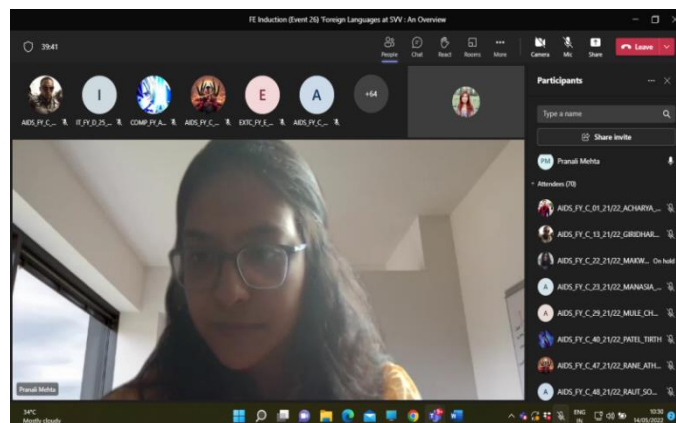
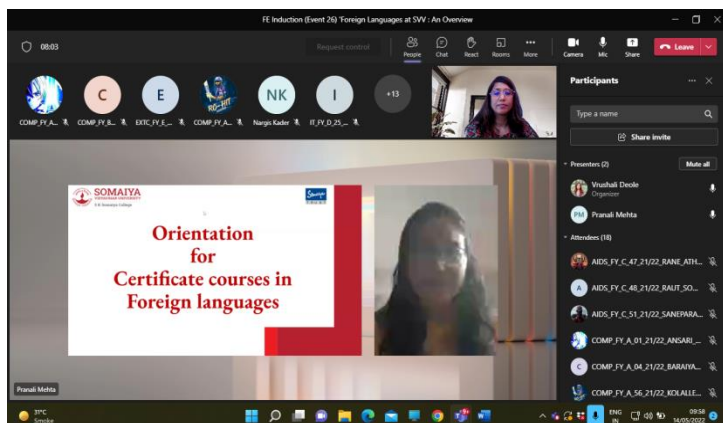
### **Outcomes:**

- The students gained a succinct overview on the courses and its significance offered at Dept. of Foreign Languages at Somaiya Vidyavihar campus.
- The event resulted in an enriched understanding on the significant role of learning foreign languages for gaining a sound global citizenry.

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/iHv7nefzxFPyPDDf7>





***Event 32: F Y. B Tech. Online Induction: "Foreign Languages offered at SVV-An Overview" on 14<sup>th</sup> May, 2022***

***Event 33: F Y. B Tech. Online Induction: "Somaiya Sports Academy at SVV-An Overview" on 21<sup>st</sup> May, 2022***

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on ***"Somaiya Sports Academy at SVV-An Overview" on 21<sup>st</sup> May, 2022***, (Event 27) from 2.00 PM-3.00 PM. ***The invited resource speaker for the session was Mr. Sushilkumar Gupta—Sports Management Executive, Somaiya Vidyavihar University.***

AICTE Induction Objective Mapped: Guest Lectures /Workshops by Eminent People

***Mode***; MS Teams (Online)

***Participants***: 100 FE Students.

***Objectives***:

- To apprise students on the sports facilities available at SVV
- To increase awareness on the benefits of holistic development via sports activities.

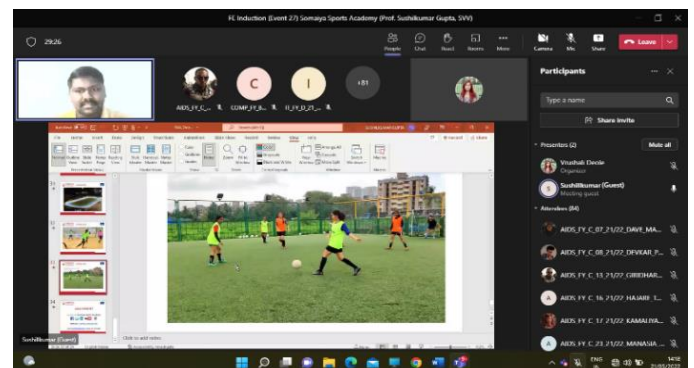
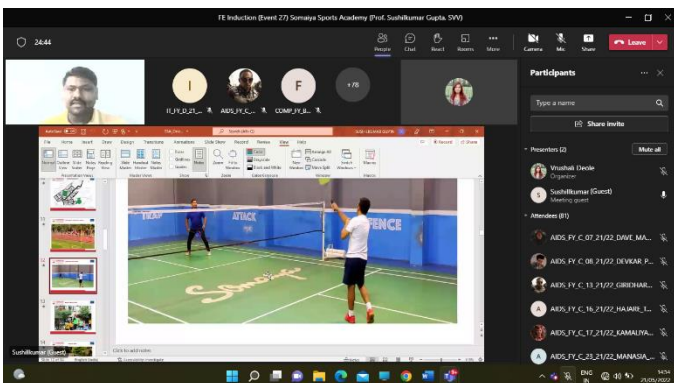
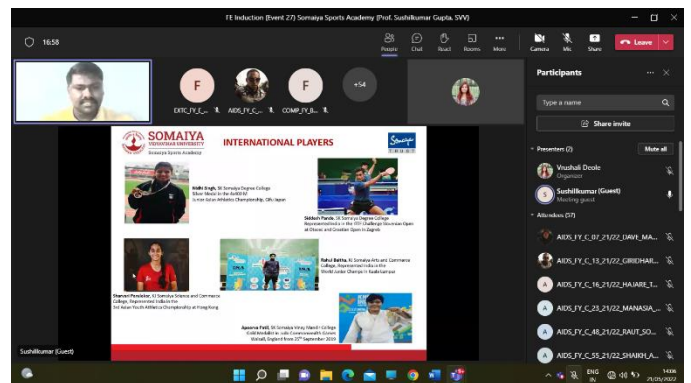
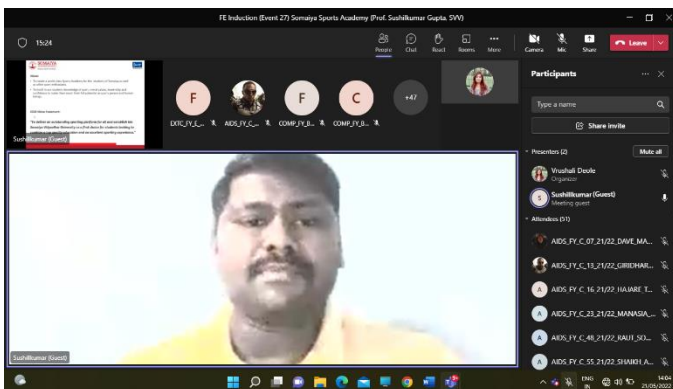
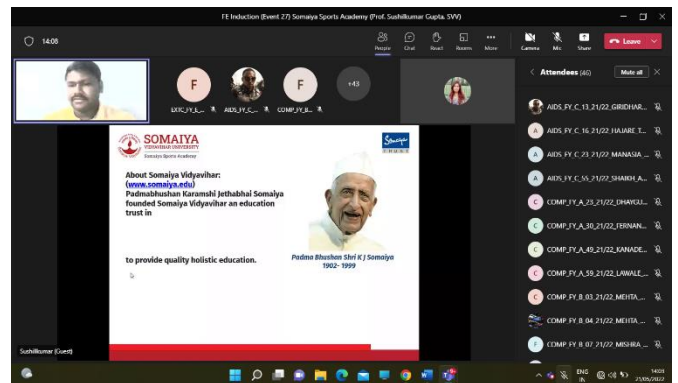
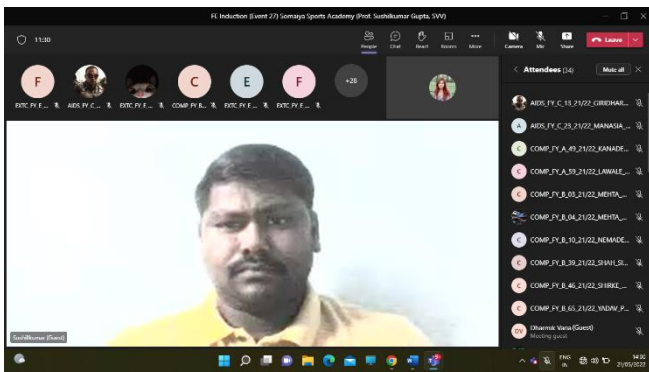
***Key Points***: ***Mr. Sushilkumar Gupta*** presented a brief overview of the diversified sports facilities available at the Somaiya Vidyavihar (SVV) & Somaiya Ayurvihar campuses. The presentation was based on the exclusive sports amenities that are made available for the staff and students of the Somaiya fraternity.

The SVV as an established brand has 34 Institutions & 40000 students on campus who have been aware of the different sports facilities. The resource speaker acknowledged the internationally acclaimed Alumni who have glorified the SVV as a sport-promoting Institute. He also emphasized on the crucial role of sports for developing one's personality. 'Eklavya'—the developing sports annexe with a professional swimming pool will be the USP of SVV. The speaker also specified the upcoming sports amenities at the Somaya Ayurvihar Campus. Mr. Sushilkumar Gupta clarified the queries and sought suggestions for the enhancement of sports career by answering the same in a positive manner session followed by a 'thank you' note by Dr. Vrushali Deole. The participants completed the feedback formalities of the session.

***Outcomes***:

- The students gained a succinct overview on the amenities and courses and its significance offered at Somaiya Sports Academy at the at Somaiya Vidyavihar & Ayurvihar campus.
- The event resulted in an enriched understanding on the significant role of sports or gaining a healthy personality.

Feedback Link: <https://forms.gle/d5jzVs8NmtPJLCT7>



**Event 33: F Y. B Tech. Online Induction: "Somaiya Sports Academy at SVV-An Overview" on 21<sup>st</sup> May, 2022**

**Event 34: F Y. B Tech. Online Parent Teacher Meet on 12<sup>th</sup> February, 2022 Organized by BS&H Department**

The Department of Basic Sciences and Humanities (BS&H) organized its first online Parent-Teacher Meet-I (PTM) on **12<sup>th</sup> February, 2022 at 9.30 AM**. The BS&H Head, **Dr. Harsha Mishra** conducted an interactive session to discuss the academic and allied topics with regards to the first-year academic session.

**Participants:** 300 parents/guardians of the first-year students.

**Mode:** Online Zoom

**Objectives:**

- The objective of the PTM session was to apprise parents about the crucial aspects of academics & cocurricular to the parents & guardians of the first-year students.
- The agenda of the PTM was to provide a brief review of academics & co curricular activities of First Year Engineering by HOD Basic Sciences & Humanities. In addition, discussion of parents with faculties related to academic progress of their wards.

**POINTS DISCUSSED BY DR. HARSHA MISHRA & TEAM:**

1. An overview of academic gradation / assessment criteria as per the ‘autonomous’ rules.
2. First Year, Semester I Timeline: Including the second term test, viva conduction, submission etc
3. Information on various govt scholarships, queries related to the ‘Students Information Management System” (SIMS) software were resolved.
4. The student team —Mr. Ritesh Sandbhor (Alumni IT Dept) provided a guided demonstration on the usage of SIMS to FE Parents. Miss Hiral Shah, Master Dhruv Parikh-Technical Secretary apprised on the various sports/cultural events of the Institute.
5. The query session at the end of the meeting was answered successfully.

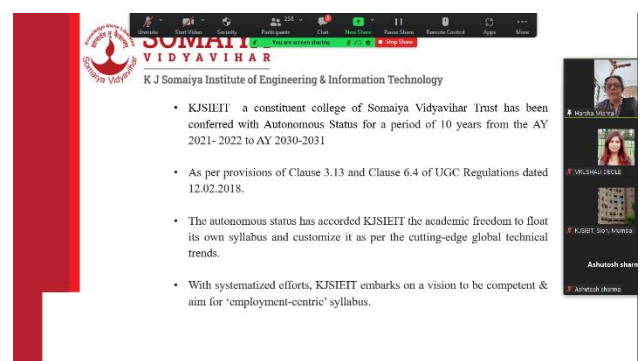
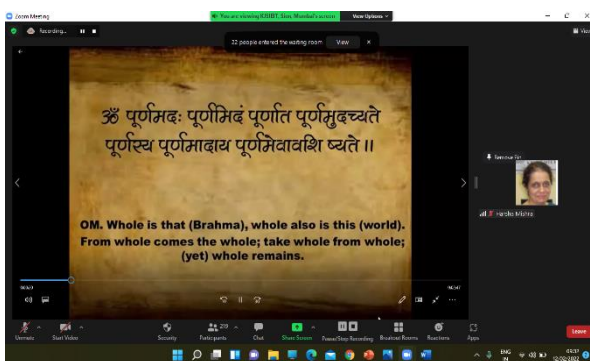
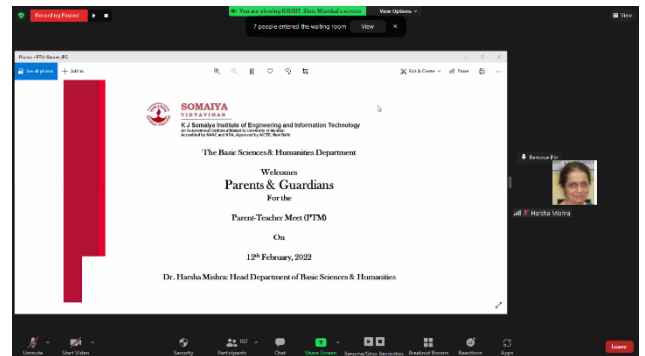
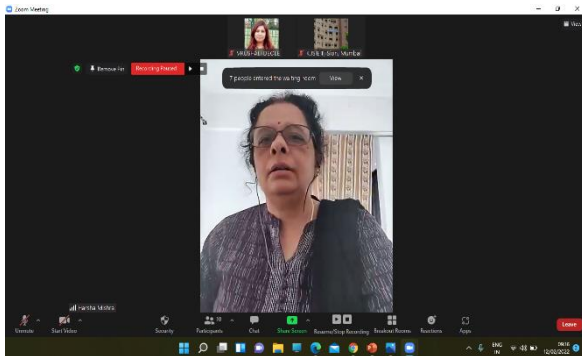
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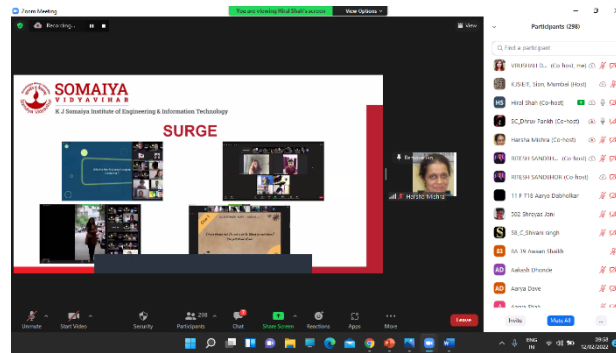
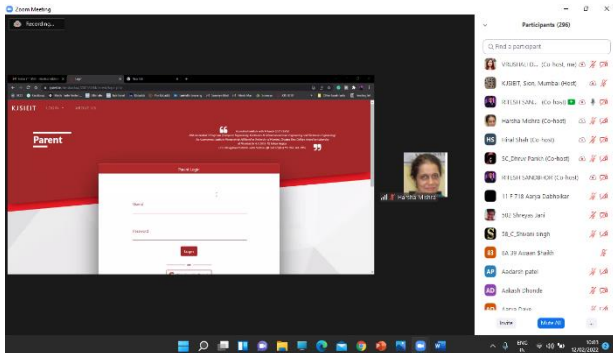
**SUGGESTIONS BY PARENTS:**

1. Most of the feedback received was in the ‘positive’ way—especially the conduction of academics & events in online mode during the pandemic situation. The parents

commented that the departments are good, teachers are also very competent, informative & helpful faculties and learning facilities.

2. Most of the parents showed awareness of their ward's willingness to participate in Sports, Cultural, Project Competitions & other co-curricular activities including research work.
3. Suggestion to commence 'offline' lectures
4. Status of submission of assignments, practicals and IA should be intimated by concerned staff and faculty. Otherwise, if they will come to know at the time of term end, it will be difficult to submit all stuff at the same time. In short, they want to know if their submission has been done or not.
5. There should be direct contact of proctors with parents either by WhatsApp group or any other possible mode of communication.
6. There should be regular updates of attendance, marks (test, assignments etc) , notices etc. in SIMS. Parents can check the academic record of their wards any time.





***Image Clip: Online Parent Teacher Meet on 12<sup>th</sup> February, 2022 Organized by BS&H Department***

***Event 35: FY. B Tech Online Induction: "Introduction to Climate Modelling --its Application & International Career Opportunities in Climate Sciences" on 28th May, 2022***

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on ***"Introduction to Climate Modelling --its Application & International Career Opportunities in Climate Sciences" on 28th May, 2022***, (Event 30) from 10.00 AM-11.00AM. ***The invited resource speaker for the session Dr. Mahesh Shinde*** (M.Tech, PhD, Designation: Senior Technical Leader / Assistant Manager, Willis Towers Watson, Lodha i-Think Business Techno Campus, Thane(W), Maharashtra, India.) who is also an esteemed Board of Studies Member in BS&H Department.

AICTE Induction Objective Mapped: Guest Lectures /Workshops by Eminent People

***Mode***; MS Teams (Online)

***Participants***: 125 Students.

***Objectives***:

- To improve awareness and understanding of climate processes
- To create plausible scenarios reflecting the current state of scientific understanding
- To apprise on the its Application & International Career Opportunities in Climate Sciences

***Key Points***: ***Dr. Mahesh Shinde*** provided a detailed presentation on basics of climate modelling, applications & career opportunities. The pointed to the difference between climate and weather, types of climate model, ocean currents, process of cloud formation & classification, development climatic model. In addition, the evolution –timeline of climate models was briefed. The present-day components such as the atmospheric, oceans, the regional and international climate models. Hierarchy of climate model from simple to complex, how to validate a climate model with statistical presentation was offered to the students. Job opportunities—crop insurance, airlines flights dependent ion weather conditions, army – climate model outputs, marine ocean, --biodiversity, wind energy, road transport, landscape development, reinsurance catastrophic modelling. Atmospheric sciences, Institutions offering

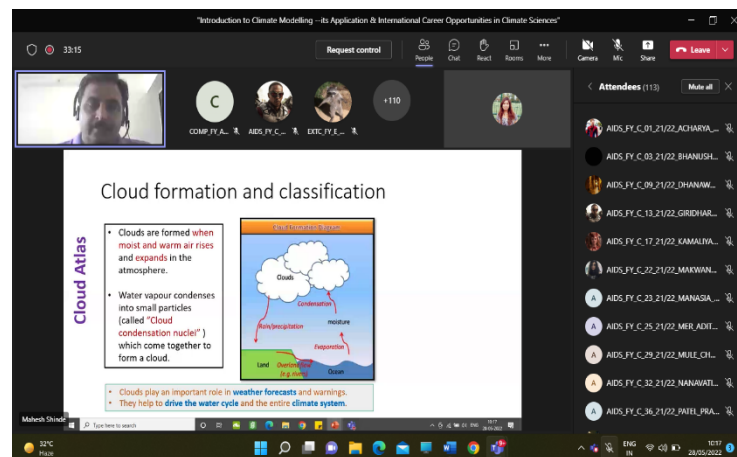
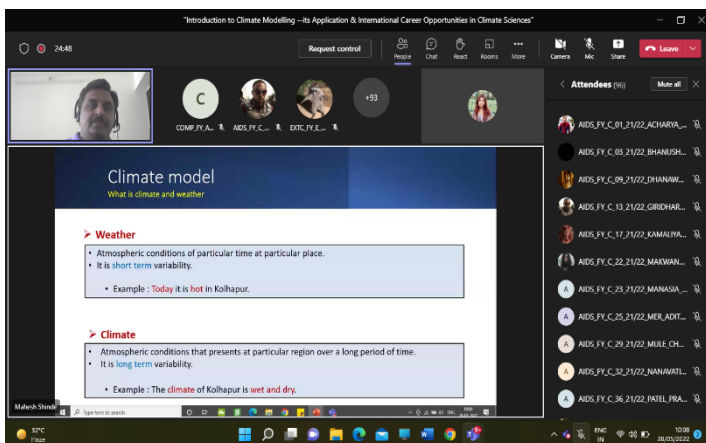
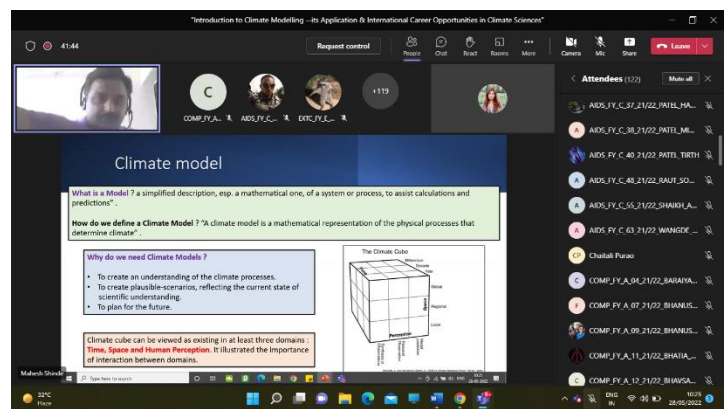
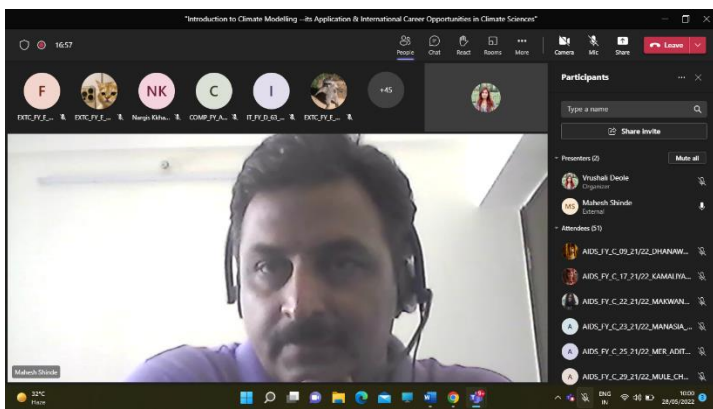
PhD program in Climate Studies. Dr. Shinde highlighted the skill-sets—basic knowledge, technical skills—python, lanex, ML, AI & plotting software that are prerequisites for seeking a career in climate sciences.

**Outcomes:**

- Gain in understanding of how Climate models can be used to make projections about future climate and the knowledge gained can contribute to policy decisions regarding climate change.
- Diversified job avenues available via study of climate modelling

Dr. Mahesh Shinde clarified the queries in the direction of career guidance by answering the same in a positive manner 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/kdDbYedJHGoB4DPk8>



***FY.BTech Online Induction: "Introduction to Climate Modelling --its Application & International Career Opportunities in Climate Sciences" on 28th May, 2022***

**Event 36: FY.BTech Online Induction: “Workshop on Virtual Lab for the Experiment on Instrumentation and Working Principles of Infra-Red (IR) Spectroscopy Using Salt Plates & on Nuclear Magnetic Resonance Spectroscopy & Evaluation Of Simple <sup>1</sup>HNMR Spectra of Select Organic Compounds” on 28<sup>th</sup> May, 2022**

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on “*Workshop on Virtual Lab for the Experiment on Instrumentation and Working Principles of Infra-Red (IR) Spectroscopy Using Salt Plates & on Nuclear Magnetic Resonance Spectroscopy & Evaluation of Simple <sup>1</sup>HNMR Spectra of Select Organic Compounds*” on 28<sup>th</sup> May, 2022. The initiative has been by the **Ministry of Education Under the National Mission on Education through ICT**. The workshops were conducted by Dr. Harsha Mishra (HoD, BS&H Dept) & Dr. Shaheen Pathan (Faculty in BS&H Dept).

AICTE Induction Objective Mapped: Proficiency Development

**Mode;** MS Teams (Online)

**Participants:** 300 Students.

**Objectives:**

- Aim of Virtual Lab- Virtual lab refers to a virtual teaching and learning environment aimed at **developing students' laboratory skills**.
- As one of the most important ‘eLearning tools’, they allow the student to conduct various experiments without any constraints to place or time, in contrast to the constraints of real labs.

**Key Points:**

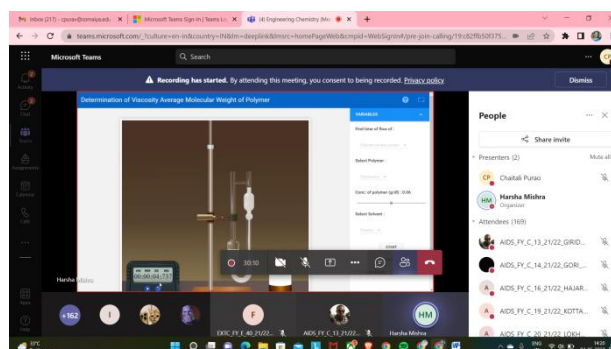
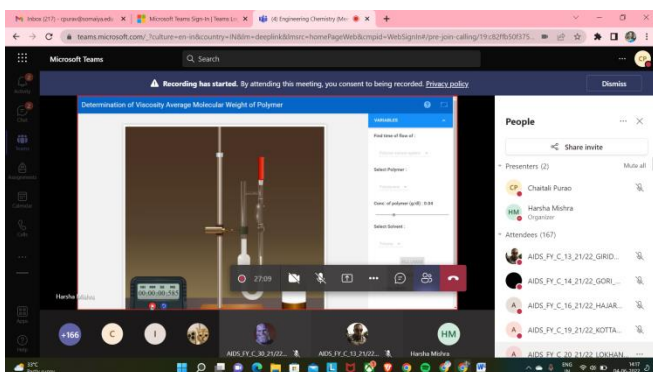
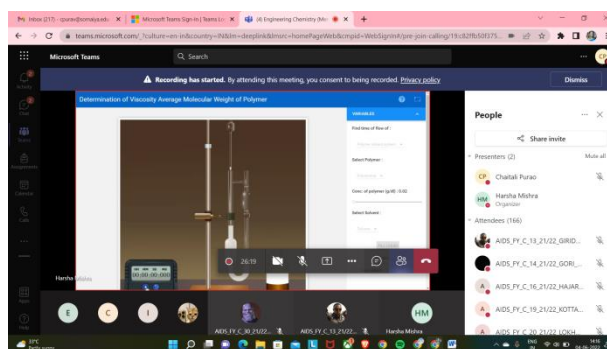
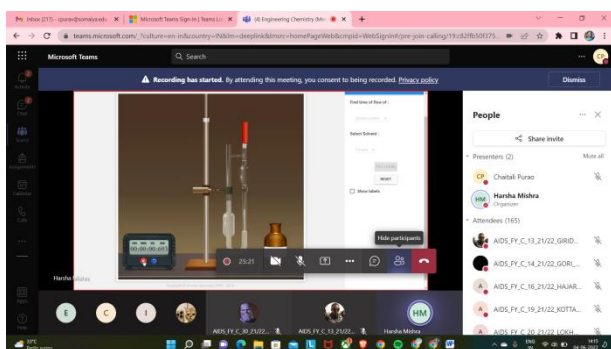
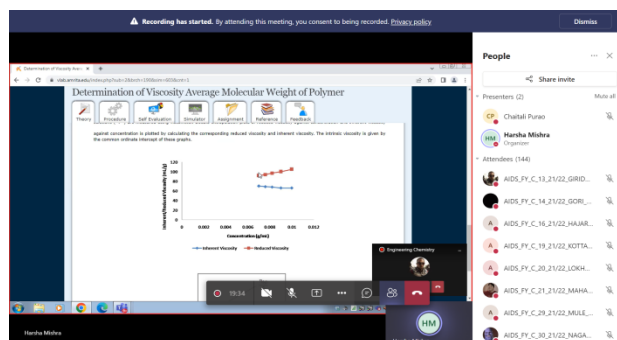
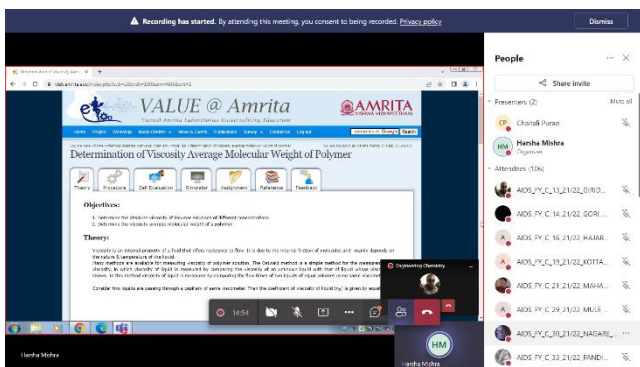
Dr. Harsha Mishra & Dr. Shaheen Pathan provided an enhanced experience via describing the learners to the chemistry virtual laboratory. The process facilitated a remote-access to simulation-based experiments in the domain of Chemistry. The endeavour inculcated a spirit of enquiry in the first-year students via conduction of experiments by arousing their curiosity in the expansive field of chemical engineering with common areas to the allied-core fields of engineering. Also, it resulted in grasping the basic and advanced concepts through remote experimentation process in Chemistry.

As an enhanced feature, the virtual laboratory also offered a complete Learning Management & the students availed the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.

**Outcomes:**

- More than 300 students performed Chemistry experiments from their own places with add-on virtual simulation features.
- Instruments which are not accessible for undergraduate students –NMR & IR spectrometer, were made available for the experiments via the virtual lab





***FY.BTech Online Induction: “Workshop on Virtual Lab for the Experiment on Instrumentation and Working Principles of Infra-Red (IR) Spectroscopy Using Salt Plates & on Nuclear Magnetic Resonance Spectroscopy & Evaluation Of Simple <sup>1</sup>HNMR Spectra of Select Organic Compounds” on 28<sup>th</sup> May, 2022***

***Event 37: Slogan Making Competition Organized by Department of Basic Sciences & Humanities from 23<sup>rd</sup> May-27<sup>th</sup> May, 2022***

The Department of Basic Sciences & Humanities Organized the “**Slogan Making Competition**” from 23<sup>rd</sup> May-27<sup>th</sup> May, 2022. In the milieu of FY Induction aimed to hone– Creative Arts, Cultural and Literary Skills, the event was organized with the view of creating an awareness on several complex trending issues with relevant themes. The event was coordinated by Dr. Vrushali D, Dr. Vaishali Ghadyalji & Dr. Anita Padhye.

**AICTE Induction Objective Mapped:** Creative Arts, Cultural and Literary Activity

**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:** 114 FY. B Tech Students






**Mode:** Offline

**Key Points:** In the context of imbibing national awareness on the issues affecting our society, the students were provided with ‘visuals’ of themes based on --*Smart City, Curb Corruption, Green Technology, Students & Social Service, Ethical Culture, Patriotism (Role of Indian Army), Importance of Sports, Clean India (Swachh Bharat Abhiyan), Great Indian Heritage, Reading Habit, Technology Addiction, Make in India, Destress Yourself, Give Back to Society, India’s Progress & Respect Farmers.* The activity resulted in bringing out the creativity skills as the students provided feasible solutions towards trending problems via catchy slogans.

**Registration Link:** <https://forms.gle/5OcRPpJHRzfJKJvn6>

Sr. No	Batch	Theme	Image
1	A1	Smart City	 A colorful illustration of a smart city. It features a skyline of buildings in various colors (blue, green, orange, purple). Above the buildings are several icons representing smart city concepts: a cloud with a gear, a car, a house, a person, a dollar sign, a shopping cart, a Wi-Fi symbol, and a person with a heart. Arrows point upwards from the buildings towards these icons, suggesting growth and connectivity.
2	A2	Curb Corruption	 An illustration depicting the theme of curbing corruption. It shows a hand in a suit sleeve offering a stack of money to another hand. In the background, there is a man in a suit, a document, a person with a dollar sign, a person with a green checkmark, a person with a red 'X', a person with a car, and a person with a hand holding a phone. A pair of handcuffs is shown in the center, symbolizing the consequences of corruption.

3	A3	Green Technology	
4	B1	Students & Social Service	
5	B2	Ethical Culture	
6	B3	Patriotism (Role of Indian Army)	
7	C1	Importance of Sports	

8	C2	Clean India (Swachh Bharat Abhiyan)	
9	C3	Great Indian Heritage	
10	D1	Reading Habit	
11	D2	Technology Addiction	
12	D3	Make in India	

13	E1	Destress Yourself	
14	E2	Give Back to Society	
15	E3	India's Progress	
16	E4	Respect Farmers	

*\*The faculty was expected not to reveal the theme to the students & instead show the image clip*

**Outcomes:**

- The **Slogan Competition** provided an impetus for showcasing the creative literary abilities in students
- As a fundamental pre-requisite for placements, the event honed multiple

skillsets on the employability parameter.

**The following shortlisted 'Slogans 'will feature in the 'Aura Magazine'**

Sr. No	Names of the Students	Class	Date	Theme	Slogan
1.	Yash Chauhan	COMP(A)	25/05/2022	Smart city	With Smart technologies & Smart minds, we will make our city Super Smart!
2.	Bhatia Kapil Sunil	COMP(A)	25/05/2022	Smart city	Drop by drop, makes an ocean, bandwidth by bandwidth will make it a smart city!
3.	Shivam Gupta	AI&DS	26/05/2022	Importance of Outdoor Games	Powerful people come from powerful place, coz they believe in transforming their outdoor space.....
4.	Saahil Barve	AI&DS	26/05/2022	Importance of Outdoor games	Why pay for the gym to be fit and healthy, just go out and play with your buddies to be happy and wealthy.
5.	Aarya Dave	AI&DS	26/05/2022	Importance of outdoor sports	Flabbergast the field until you quit!!!
6.	Rishikesh	AI&DS	26/05/2022	Outdoor Games	Create a perfect plan to score that fitness goal, if you wanna create 10 workloads to execute a professional goal!
7.	Patil Niyati Pramod	AI&DS	26/05/2022	Clean Indian Green India	Go Clean. Go Green. Go Win! Clean India. Win India!
8.	Pranav Atul Patel	AI&DS	26/05/2022	Greater India, Cleaner India.	Over with dirtiness and rivers of gray hue, Let us pledge 'cleanliness' as India's great virtue.
9.	Iliyan Momin	AI&DS	26/05/2022	Clean India	A clean person is not who runs away from dirt, but on who invests his time to clean the dirt. Be clean and healthy; let us make our India wealthy!
10.	Rajnandini Naik	AI&DS	26/05/2022	Clean India	Whether the sun rises or the storm comes or it rains, cleaning India should be our prime aim!
11.	Piyush Pandit	AI&DS	26/05/2022	Clean India - Swachh Bharat Abhiyan	Garbage everywhere it's so sad, looking at India its state is bad. Let's make our India Clean, by making it Green!
12.	Devang Mestry	AI&DS	26/05/2022	Cleanliness Or Swachh Bharat Abhiyan	Cleanliness matters when it comes down to India's survivals, So let's get together for nature's revival.
13.	Yukta Makwana	AI&DS	26/05/2022	Clean India	As student we work in cleaning from our side, to make our India feel as world's pride!

14.	Chaitanya Mule	AI&DS	26/05/2022	Clean India	Let's pledge India as our home, as the cleanest nation- India as its epitome!
15.	Jay Nanavati	AI&DS	26/05/2022	Clean India	Do not litter anywhere, let's save our nation, lets save India for the next generation!
16.	Abhiram Acharya	AI&DS	26/05/2022	Outdoor Games	Let's set our phones aside, and start playing sports wide. Sports create unity among us, Come! Let's have a moment that binds us!
17.	Shrikant Bhosle	IT	27/05/2022	Love For Books	"In life, the farther you want to look; You must increase your love for books."
18.	Chirayu Agrawal	IT	27/05/2022	Love For Books	Give your heart to books; it will give you a lifetime!
19.	Uchit Deepak Chavda	IT	27/05/2022	Love For Reading	Make reading a habit and succeed like a rabbit!!
20.	Harshal Lad	IT	25/05/2022	Love For Reading	Love in the form of reading a book is the healthiest way to love yourself!
21.	Ayush Hariya	IT	27/05/2022	Love For Reading Books	Fall in love with smoking, it will dry you out. Fall in love with reading; it will flood you with knowledge.
22.	Bhumika Baria	IT	27/05/2022	Love For Book	Every word portrays emotion; Every line takes us places, Every page full of surprises, Book-a magical world it comprises.
23.	Harsh Dalal	IT	27/05/2022	Love For Reading	Book is like best friend the more you spend time the more you love it.
24.	Akash Mishra	COMP (B)	27/05/2022	Youth And Social Services	We should no longer accept the things we cannot change. We should be changing the things we cannot accept.
25.	Dev Mewada	COMP (B)	27/05/2022	Youth And Social Service	We, the youth are the 'change' agents of our society. Give us a chance and see the positive change with social dignity.
26.	Mulani Mohammad Jaan Abdulrauf	COMP (B)	27/05/2022	Youth And Social Services	If you light a lamp for somebody, it will also brighten your path.
27.	Riddhi Darshan Gori	AI&DS	26/05/2022	Importance Of Outdoor Sports	"Padhoge likhoge toh hoge nawab, kheloge kudoge toh hoge kharab " change this old school thought coz sports will have u a great career caught!!!
28.	Harshit Gala	AI&DS	26/05/2022	Importance Of Outdoor Games	If in life you are lazy and stealthy... playing outdoor will make u and your mind healthy and wealthy!
29.	Bhanushali Oam Valji	AI&DS	26/05/2022	Importance Of Outdoor Sports	If you want to walk tall and proud in life! Sweat, burn the fat to enjoy a happy life!
30.	Parth Shrikant Pulkundwar	COMP (B)	01/06/2022	Values And Ethics	Values for finding life's destination; Ethics for guiding us to the final destination; Together they regulate our life's moral navigation.

31.	Sagar Salvi	COMP (B)	01/06/2022	Values And Ethics	It's not the result what matters the path taken to achieve it is what matters!
32.	Simoni Savani	COMP (B)	01/06/2022	Values And Ethics	If you have confidence enough on your morals and values, the wrong path will surely guide you with ethical clues!
33.	Aarya Shah	COMP (B)	01/06/2022	Moral And Values	"The morals and values I've learned in my life, I've learned through my experience, Let them be the light house, in the journey full of moral experiences.
34.	Harsh Ashwin Shah	COMP (B)	01/06/2022	Values And Ethics	Trust the moral process then the moral and values will surely define you!
35.	Esmail H Salakar	COMP (B)	01/06/2022	Ethics And Values	Mirror Mirror on the wall Tell me who is ethical of the all! "Values that are instilled by teachers & parents!" Said the mirror - Ethics is the basis of All!
36.	Omkar Rane	COMP (B)	01/06/2022	Value And Ethics	A man without ethics is man without values
37.	Siddhant Shah	COMP (B)	01/06/2022	Ethics And Values	There are always two sides of a coin -Right or Wrong. It depends upon your choice to be a failure or show ethics so strong!!
38.	Sharma Nikunj Nirmal	COMP (B)	01/06/2022	Values And Ethics	Money doesn't make you rich, the values and ethics do.
39.	Aayush Chetan Salian	COMP (B)	01/06/2022	Values And Ethics	Values and ethics are two sides of the same coin; both complement each other like yang and yin.
40.	Diptee Sable	COMP (B)	01/06/2022	Values And Ethics	Learn from the past and decide right path for the future, ethics and values will help you to nurture your nature!
41.	Dhyey Kunjay Shah	COMP (B)	01/06/2022	Values & Ethics	There are always two doors open, all that matters is the path you have chosen!
42.	Shaikh Abdul Hamid	AI&DS	03/06/2022	The Great Indian Heritage	Colors of different cultures at one place called India. Majestic monuments make it an incredible India!
43.	Parth Kishor Patil	AI&DS	03/06/2022	Great Indian Heritage	Conserve & preserve the great Indian History to resolve its mystery with great majesty!
44.	Vinay Sanepara	AI&DS	03/06/2022	The Great Indian Heritage	The great Indian heritage that we leave behind will help our children rewind.
45.	Atharva Uday Sawant	AI&DS	03/06/2022	The Great Indian Heritage	India's cultural heritage is our inheritance, preserve, rejoices with pride and prudence!
46.	Atharv Rane	AI&DS	03/06/2022	Indian Heritage	Our heritage sites are our history yet most of them are still a mystery, so we have to preserve it in order to deserve it. Every region has its story every religion has its glory & it's



					hoary, so spread it around the world like a whirled wind eventful story!!!
47.	Ashish Waghule	AI&DS	03/06/2022	Great Indian Heritage	Heritage is the Pride of our nation; let's preserve its unique identification!
48.	Stuti Raichada	AI&DS	03/06/2022	Great Indian Heritage	Prevent the great Indian heritage from anti human activities to protect our country's diverse identities.
49.	Soham M. Raut	AI&DS	03/06/2022	Great Indian Heritage	Someone calls it Heritage, some call it <i>विरसा</i> , some call it <i>विरासत</i> , While some call it <i>धरोहर</i> . At the end, it's our country's legacy, as we all are proud fellows of our India's ancestry.
50.	Priyansh Ghanshyam Soni	AI&DS	03/06/2022	The Great Indian Heritage.	India: A home to the statue of unity which represents the history of great Indian heritage is unity in diversity as it symbolizes the national stability.
51.	Harivansh Ramesh Parmeshwar	EXTC	06/06/2022	Growth Of Indian	<i>Gandhiji noto pe chaye, Vajpayee Ji hoto pe chaye, modiji voto pe chaye chalo aatmnirbhar ban hum dilo pe chaye!</i>
52.	Pawar Arnav Uddhav	EXTC	06/06/2022	Growth Of India	A boy with javelin sparked with gold, inspired million Indians to outshine in growth so bold!
53.	Radhika Sanjay Pawar	COMP (B)	01/06/2022	Values And Ethics	Your worth's describe you as a person; Your ethics shows the society how real you are as a person!

**Event 38: FY. B Tech Online Induction Training on “Universal Human Values” from 1<sup>st</sup> May-31<sup>st</sup> May, 2022**

The Department of Basic Sciences & Humanities organized the First Year Online Induction Training on “**Universal Human Values**” from 1<sup>st</sup> May-31<sup>st</sup> May, 2022 Dr. Vaishali K Ghadyalji & Dr. Vrushali Deole, Dr. Anita Padhye & Mrs. Nargis Khan —BS&H Faculties were In-charges of the activities.

***AICTE Induction Objective Mapped: Universal Human Values***

***Objectives:***

- The activities were curated to impart the “Universal Human Values—to get the student to explore oneself and experience the joy of learning, to prepare one to stand up to peer pressure and take decisions with courage as well as be aware of relationships and be sensitive to others.
- The activities encompassed the ethical role 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 endeavor 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, morals, values etc) during tutorial batches of Professional Communication Skills (PCS, Sem II) subject.

**Participants:** FE students

**Outcomes:**

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





**Event 38: FY. B Tech Online Induction Training on “Universal Human Values” from 1<sup>st</sup> May-31<sup>st</sup> May, 2022**

**Event 39: FY.BTech Online Induction: “Maya Somaiya School of Music and Performing Arts ( MSSMPA) . -An Overview” on 4<sup>th</sup> June, 2022**

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on “*Maya Somaiya School of Music and Performing Arts (MSSMPA). -An Overview*” on 4<sup>th</sup> June, 2022 from 10.00 AM-11.00AM. *The invited resource speaker for the session Prof. Sunita Gangrade –Faculty, MSSPA, Somaiya Vidyavihar University.*

**AICTE Induction Objective Mapped: Cultural Activities by Eminent People**

**Mode:** MS Teams (Online)

**Participants:** 102 Students.

**Objectives:**

- To create the therapeutic awareness on the vital role of music as well as courses offered at MSSPA
- To create plausible opportunities linked to one’s aptitude for music as well as a career in music with commercial openings

**Key Points:** *Prof. Sunita Gangrade* provided a detailed presentation on the courses and levels of music offered at MSSPA. The courses offered at the campus are—*Visharad*, PhD, courses commenced at Somaiya Management college, Credit & Audit Courses, Exposure courses at Somaiya College of Engineering etc.

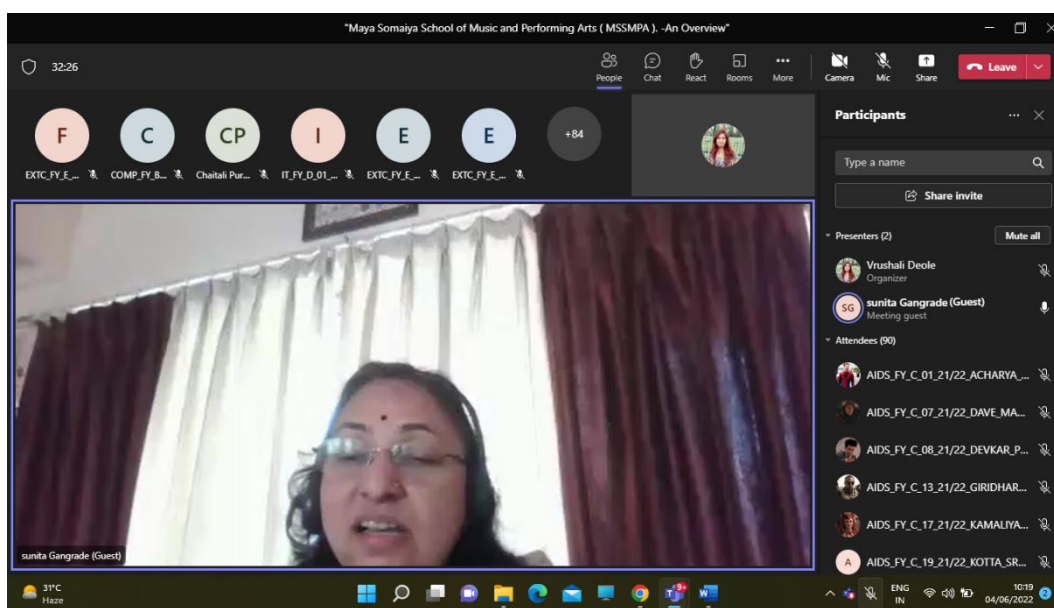
While briefing on the significance of music, especially the classical India music, Prof. Sunita demonstrated the various range of emotions, types of *Raag* with various songs. With over 80 videos on YouTube that elaborates on the various musical genres, she presented a musical feat to the students.

### Outcomes:

- Students found the session to be very refreshing & gained understanding of different ragas, Indian classical musical genres etc
- Reflection upon taking up musical courses as one's passion or an alternative career

Prof. Sunita Gangrade clarified the queries in the direction of music-related courses by answering the same in a positive manner 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/42g12DJma2unUHRz7>



***FY.BTech Online Induction: “Maya Somaiya School of Music and Performing Arts (MSSMPA) . -An Overview” on 4<sup>th</sup> June, 2022***

***Event 40: FY.BTech Online Induction: “Workshop on Virtual Lab for the experiment Viscosity Average Molecular Weight of Polyme” on 4<sup>th</sup> June, 2022***

The Department of Basic Sciences & Humanities (BS&H) of K J Somaiya Institute of Engineering and Information Technology (KJSIEIT) organized the First Year Induction on ***“Workshop on Virtual Lab for the experiment Viscosity Average Molecular Weight of Polyme” on 4th June, 2022.*** The initiative has been by the **Ministry of Education Under the National Mission on Education through ICT.** The workshops were conducted by Dr. Harsha Mishra (HoD, BS&H Dept) & Dr. Shaheen Pathan (Faculty in BS&H Dept).

AICTE Induction Objective Mapped: Proficiency Development

**Mode;** MS Teams (Online)

**Participants:** 300 Students.

### Objectives:

- Aim of Virtual Lab- Virtual lab refers to a virtual teaching and learning environment aimed at **developing students' laboratory skills**.
- As one of the most important ‘eLearning tools’, they allow the student to conduct various experiments without any constraints to place or time, in contrast to the constraints of real labs.

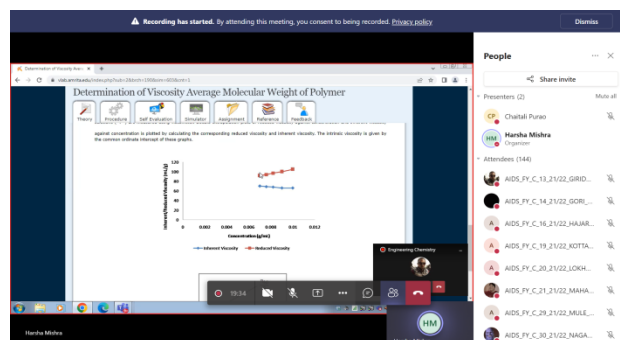
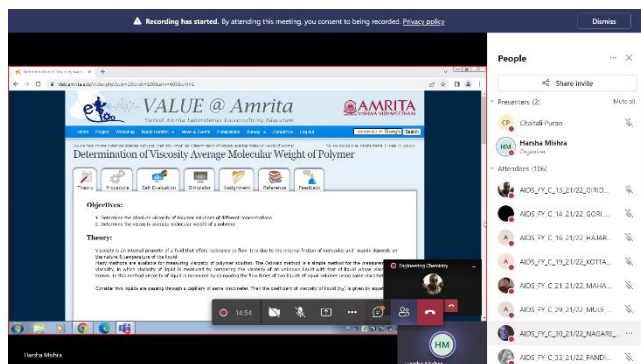
### Key Points:

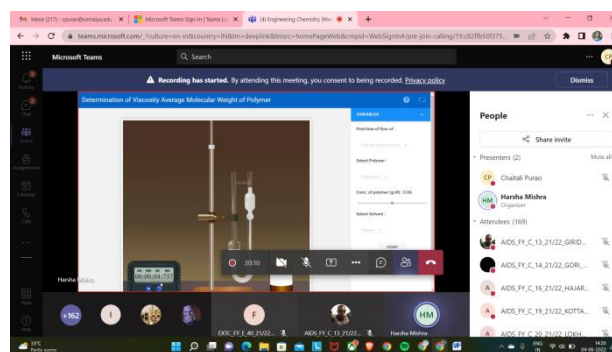
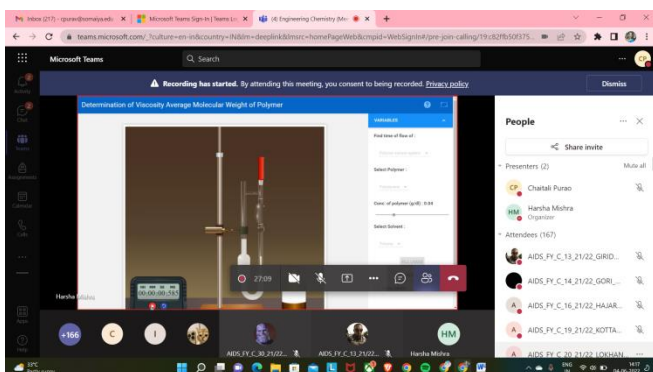
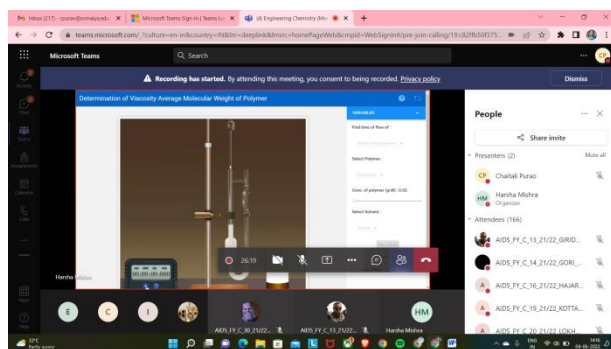
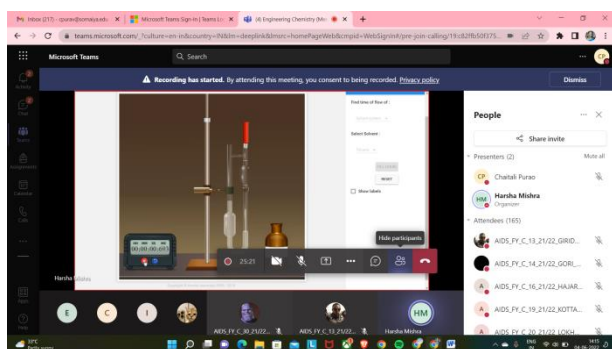
Dr. Harsha Mishra & Dr. Shaheen Pathan provided an enhanced experience via describing the learners to the chemistry virtual laboratory. The process facilitated a remote-access to simulation-based experiments in the domain of Chemistry. The endeavour inculcated a spirit of enquiry in the first year students via conduction of experiments by arousing their curiosity in the expansive field of chemical engineering with common areas to the allied-core fields of engineering. Also, it resulted in grasping the basic and advanced concepts through remote experimentation process in Chemistry.

As an enhanced feature, the virtual laboratory also offered a complete Learning Management & the students availed the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation.

### Outcomes:

- More than 300 students performed Chemistry experiments from their own places with add-on virtual simulation features.
- Instruments which are not accessible for undergraduate students –NMR & IR spectrometer, were made available for the experiments via the virtual lab





***FY.B Tech Online Induction: “Workshop on Virtual Lab for the experiment Viscosity Average Molecular Weight of Polyme” on 4<sup>th</sup> June, 2022***

***Event 41: “IIC-Organized Exposure Visit to Incubation Laboratory” on 21<sup>st</sup> June, 2022***

Institution's Innovation Council of K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai organized an **“Exposure Visit to Incubation Laboratory”** on **21<sup>st</sup> June, 2022** from 10.30 AM-11.00AM for the FY. B Tech students. The invited resource speaker for the session was **Mr. Nikhil Srivastava (Alumnus of IT Dept. AY 2021-2022 Pass out) & CEO of Connectclub**. The event was executed under the guidance of Dr. Radhika Kotecha –Head - Dept. of Information Technology and Convener - IIC.

AICTE Induction Objective Mapped: Field exposure & proficiency module

**Venue:** Riturang Building (Seminar Hall), KJSIEIT.

**Participants:** 45 Students.

**Objectives:**

- To generate awareness on the ‘Incubation Lab’ & to provide ideas with necessary guidance, tech support, infrastructure, access to investors, networking, and facilitating resources
- To enhance the students understanding on the importance of being job-providers & to venture into the entrepreneurial abilities resulting in wealth creation in new markets.

**Key Points:** Mr. Nikhil conversed on the various levels involved to become an entrepreneur. He briefed the audience on the skill-sets—idea, innovation, networking skills, exposure etc as the vital pre-requisites for establishing a start-up venture. While sharing his entrepreneurial journey, he presented the success stories behind The RiiD incubation labs.

The speaker motivated the students to achieve dynamism for their ideas to propel into tangible commercial ventures. There was a field visit to the ‘Incubation Laboratory’ where the students were guided through the innovative breakthroughs developed by KJSIEIT students.

**Outcomes:**

- The exposure visit to the incubation laboratory equipped the first-year students to grasp the multiplicity of options offered for the start-ups.
- The visit resulted in an awareness to acquire entrepreneurial skill-sets required to venture into the innovation paradigm for the start-up process.

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

**Feedback Link:** <https://forms.gle/yBtjqTuLWSN77u9D8>





**SOMAIYA  
VIDYAVIHAR**

**K J Somaiya Institute of Engineering and Information Technology**  
An Autonomous Institute Permanently Affiliated to the University of Mumbai



**CERTIFICATE OF PARTICIPATION**

**<<name>>**

has actively participated in the  
**"Exposure Visit to Incubation Laboratory"**  
 held on **June 21, 2022**  
 organized by



**Dr. Vrushali Deole**  
Member - KJSIEIT IIC  
Asst. Prof. - Basic Sciences &  
Humanities Dept.

**Dr. Radhika Kotecha**  
Convener - KJSIEIT IIC  
Head - Information  
Technology Dept.

**Dr. Sunita Patil**  
Vice-President - KJSIEIT IIC  
Vice-Principal

**Dr. Suresh Ukarande**  
President - KJSIEIT IIC  
Principal

**Event 41: "IIC-Organized Exposure Visit to Incubation Laboratory for FY. B. Tech Students" on 21st June, 2022**



**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	Prof.Jitendra Shelar	Seminar on Startup Success Story by Alumni Mr. Ravi Jaiswal	National Innovation and Startup policy cell	Online	22/01/2022

**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.Umesh Shinde	3 days National Workshop om “Climate Smart Precision Farming for Sustainable Development & Augmenting Farmer’s Income	K J Somaiya Institute of Applied Agricultural Research, Sameerwadi	K J Somaiya Institute of Applied Agricultural Research, Sameerwadi	08/03/2022 to 10/03/2022

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

Sr. No.	Name of	Name of Programme/Activity/Event	Prize Details	Date	Venue
1	Dr.Umesh Shinde	Voluntary Blood Donation	Participation	11/03/2022	KJSIEIT
2	Dr.Vrushali Deole	Half Marathon of 21 Kms at Torrent JITO Thane Half Marathon 2022 for #Run for Cancer (social cause) in 02:42:36 (provisional timing)	Participation	20/03/2022	Torrent JITO Thane Half Marathon

**Details of Students participation in co-curriculum /Prize Winning activities:**

Sr. No	Name of Programme /Activity/Event	Name of the Students	Name of coordinator	Prize Details	Date
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1	All India Inter University Squash Tournament.	Mr. Aakash Gupta (FY EXTC student)	University of Mumbai	Runner up	31/03/2022
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