

CONNECTIONS

May to August 2020
Volume #6, Issue #2

DEPARTMENT OF INFORMATION TECHNOLOGY

In This Newsletter

Faculties' and Students Achivements

Students Development Activites

Departmental Activites

Extension Activites

Editorial Team

Dr. Radhika Kotecha, Head of Department

Prof. Nasim Shah, Assistant Professor

Dr. Vaishali Gaikwad, Assistant Professor

Ms. Snehal Mandavkar, Student - 4th Year

Vision of Department

To be recognized as a centre of excellence in the field of Information Technology where inquisitive minds of students are fostered, leading to skilled professionals and contributing citizens.

Mission of the Department

- To produce industry-ready engineers by imparting quality education and enhancing their proficiency with strong engineering foundation and in-depth knowledge of Information Technology.
- To encourage curiosity, creativity, innovative thinking, culture of continuous learning, and multidisciplinary activities for developing state-of-the-art solutions to real-world problems.
- To serve humanity by creating socially responsible citizens with high ethical values who can communicate effectively and work independently or in groups.

Program Educational Objectives (PEOs)

- Program Graduates will be able to apply knowledge of engineering fundamentals and cutting-edge Information Technology to identify and implement innovative solutions for engineering problems and issues in society.
- Graduates will be able to exhibit their employability skills and practice the ethics of their profession with a sense of social responsibility.
- Graduates will have strong interpersonal skills and will engage in life-long learning to enhance their career positions, both as team members and leaders.Objectives (PEOs).

Program Specific Outcomes (PSOs)

- Graduates will be able to apply standard software engineering practices in real-world project development to deliver efficient, secure and novel solutions.
- Graduates will be able to apply the contemporary trends in Information Technology like Internet of Things and Data Science in diverse application areas.

Departmental Activities

- Department of Information Technology organized “Training and Placement Practice Test Series” for TE students (entering Final Year) through Moodle during May 2020. The objective of the series was to sensitize students with the gamut of skills which facilitate them to enhance their employability quotient and do well in the professional space.

Training and Placement Practice Test Series

K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai
NAAC Accredited Institute with 'A' Grade
NBA Accredited 3 Programs (Computer Engineering, Electronics & Telecommunication Engineering and Electronics Engineering)
Permanently Affiliated to University of Mumbai,
Best College Award by University of Mumbai for A.Y. 2018-19, Urban Region
UGC Recognized Institute under Section 2(f) and 12(B) of the UGC Act, 1956

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2019-2020
Aptitude Practice Test Series – Batch 2021

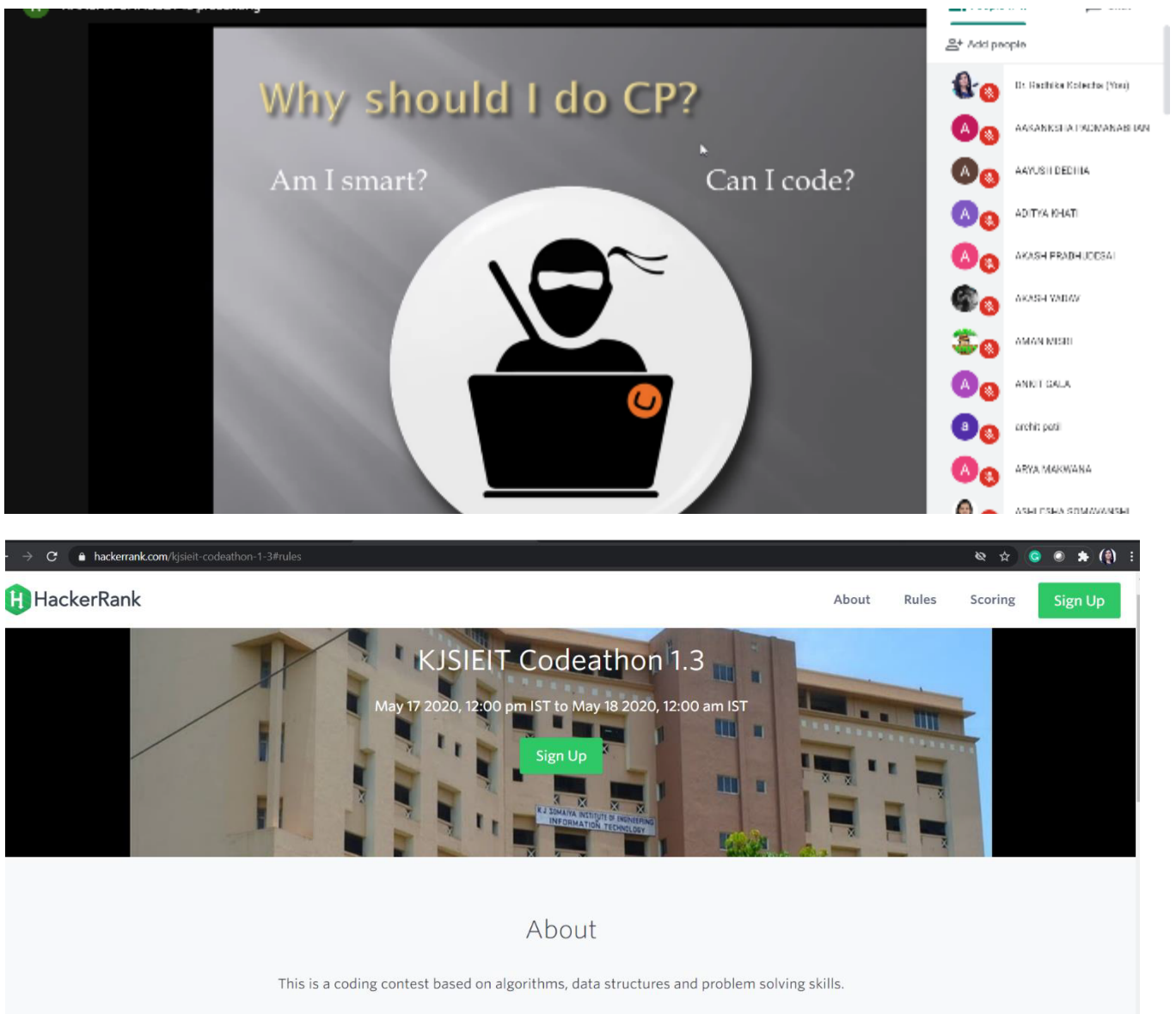
Topic: Arithmetic Aptitude (General Aptitude)

Sr. No.	Sub-Topics	Test Series	Date
1	Problems on Trains	Test 1	25/04/2020
2	Problems on Ages		
3	Height and Distance	Test 2	29/04/2020
4	Time and Distance		
5	Time and Work		
6	Simple Interest	Test 3	02/05/2020
7	Compound Interest		
8	Profit and Loss		
9	Compound Interest	Test 4	06/05/2020
10	Profit and Loss		
11	Profit and Loss		

Departmental Activities

- Department of Information Technology organized “Competitive Programming Practice Test Series” for SE and TE students during May-June 2020. Mr. Ranjan Chaubey from Tata Consultancy Services oriented the students for the series. The objective of this series is to make the students industry-ready and competent in solving competitive programming questions.

Competitive Programming Practice Test Series



The collage consists of three main parts:

- Top Image:** A presentation slide titled "Why should I do CP?". It features two questions: "Am I smart?" and "Can I code?". In the center is a circular icon of a hacker wearing a mask and holding a laptop.
- Middle Image:** A screenshot of a Zoom meeting interface showing a list of participants on the right side, including names like "Dr. Radhika Kotecha (You)", "AKANKSHA TRIVANANATHAN", "AAYUSHI DEBIIA", "ADITYA KHATI", "AKASH PRABHUJOSHI", "AKASH YADAV", "AMAN NISHI", "ANSHU GOLA", "archit potti", "ARIYA MAKHWANA", and "ARSHI PANKAJ SHIVKUMARSHI".
- Bottom Image:** A screenshot of the HackerRank website for "KJSIEIT Codeathon 1.3". The event dates are "May 17 2020, 12:00 pm IST to May 18 2020, 12:00 am IST". A prominent "Sign Up" button is visible. The background shows a building with the text "K.J. SOMAIYA INSTITUTE OF ENGINEERING INFORMATION TECHNOLOGY".

Departmental Activities

- Department of Information Technology in association with Institution's Innovation Council (IIC) organized a 1-Month Summer Internship on the theme "Towards Industry 4.0" for the students of KJSIEIT during June 2020. This Summer Internship was attended by 302 students studying First, Second, and Third Year of Engineering from KJSIEIT. The objectives of the internship were to:
 1. Create awareness among the students about the 4th industrial revolution Industry 4.0.
 2. Impart knowledge of components of Industry 4.0 and its realization using IT.
 3. Discuss upcoming trends and projects in industries with Industry 4.0.
 4. Offer mentoring to students by industrialists on various projects related to Industry 4.0.

The resource personage for the online internship were eminent Industrialists & Researchers from India and abroad, affiliated to: NVIDIA, Amazon Alexa Services, Qualcomm, Byju's - Think & Learn Pvt. Ltd., Zycus, Indoco Remedies Ltd., Blueshift, Oracle, Citi, BNP Paribas India Solutions Pvt. Ltd., L. D. Engineering College, Worcester Polytechnic Institute (Massachusetts, US), Riidl, etc. on Industry 4.0 components Artificial Intelligence, Blockchain, Big Data Analytics, Cloud Computing, 3D Printing, IoT and 5G, Robotics, Smart Manufacturing, Autonomous Machines, etc.

Departmental Activities

With a vast experience in respective fields, these experts provided insights into practical aspects and upcoming trends with regards to the components of Industry 4.0 along with mentoring on innovative problem statements using the respective components.

Summer Internship
2020 sessions



K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY, SION, MUMBAI



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DEPARTMENT OF INFORMATION TECHNOLOGY
ORGANIZES

SUMMER INTERNSHIP 2020

"TOWARDS INDUSTRY 4.0"

Duration: June 2020 (1 Month)
In association with



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



Departmental Activities

Search or type a command

SUPPLY CHAIN MANAGEMENT

Supply Chain and industry 4.0

00:43:09

People

Invite someone

Presenters (0)

- RK Radhika Kotecha
- A abhikshid (Guest)
- PM DARTH MANIAR
- PP NIAJALIBIA RAJE
- PS Pruthvi Sewart Organizer
- SAHL MORE
- SM SAJ MARIJ
- YD YSH DESHPANDE

Attendees (242)

- A AAKANKSHA
- AS AARUV SANGHVI
- AD AARUSH DIMBI
- AJ AASHUTOSH JASWANI

+242 KP NV M SP BS PS A

pruthi sewart, BHAVYA SHARMA, Pruthvi Sewart, abhikshid (Guest)

What opportunities does it hold?

Industry 4.0 - Technological pillars

01:23:01

Request control

People

Invite someone

Presenters (1)

- RK Radhika Kotecha

Attendees (237)

- A AAKANKSHA Call
- AS AARUV SANGHVI Call
- AD AARUSH DIMBI Call
- AJ AASHUTOSH JASWANI
- AE AWUSHI KOTARIA Call
- AI ABHISHEK LAHA Call
- AV ABHISHEK WASHI Call
- AK Aditi Manoj Kumar Guest Call
- AP aditi parab
- AR Aditi Singh Dahi Call
- AE ADITYA BIPINUSIYAL Call
- AE ADITYA KHATI Call
- AS ADITYA SINGH

AD Anshika Gupta

Departmental Activities

The screenshot displays a Microsoft Teams meeting interface. The main content area is split into two columns: "Virtual Machines" on the left and "Containers" on the right. The "Virtual Machines" column shows a stack of layers: "Infrastructure" (with icons for a laptop, database, and cloud), "Hypervisor", three "Guest OS" blocks, three "Bins/Lib" blocks, and three "App" blocks. The "Containers" column shows a stack of layers: "Infrastructure" (with icons for a laptop, database, and cloud), "Operating System", a "Container Engine", three "Bins/Lib" blocks, and three "App" blocks. A search bar at the top reads "Search or type a command". On the right, a "People" sidebar lists participants, including Radhika Kotecha, ankurasingh1805 (Guest), mamta borle (Guest), RAVIJI MANIAR, PRAGALSHA PATEL, Prashant Sawant Organizer, SAHIL MORE, SAJ MARU, YASH DESHPANDE, AAKANKSHA, AARUSH DIMRI, and AASHUTOSH JAWANI. At the bottom, a meeting bar shows several participant icons, with one icon highlighted.

The screenshot displays a Microsoft Teams meeting interface. The main content area shows a video feed of a man with a beard and a striped shirt, looking slightly to the left. A search bar at the top reads "Search or type a command". On the right, a "People" sidebar lists participants, including Radhika Kotecha, RAVIJI MANIAR, parthjt (Guest), PRAGALSHA PATEL, Prashant Sawant Organizer, SAHIL MORE, SAJ MARU, YASH DESHPANDE, AAKANKSHA, AARUSH DIMRI, and AASHUTOSH JAWANI. At the bottom, a meeting bar shows several participant icons, with one icon highlighted.

Departmental Activities

- Department of Information Technology in association with Computer Society of India (CSI) organized three webinars for FE, SE & TE students of all branches:
 1. Webinar on “Enhancing Career Opportunities with Abroad Studies” by Mr. Abhishek Mitra, Country Head for Study & Alumni, Stanford School of Business, India on June 12, 2020
 2. Webinar on “From Dreams to Reality with Brainheaters” by Mr. Harsh Patel, Founder, Brainheaters, Mumbai on June 27, 2020
 3. Webinar on “From Dreams to Reality with Helpnow” by Mr. Aditya Makkar, Founder, Helpnow, Mumbai on June 30, 2020

The objective of these webinars was to motivate the students to work on their innovative ideas and believe in turning their dreams into a reality.

·Department of Information Technology in association with Institution’s Innovation Council (IIC) organized an International Webinar on “Blockchain Technology” on June 27, 2020 through Zoom and YouTube Live with total 450+ of participants. The resource personage for the webinar was an international industry expert Mr. Vikas Kundalpady, Project Engineering Leader, Distributed Ledger Technologies Pte. Ltd., Singapore.

Webinar on Blockchain Technology

IN ASSOCIATION WITH



INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

ORGANIZES

**INTERNATIONAL WEBINAR ON
BLOCKCHAIN TECHNOLOGY**

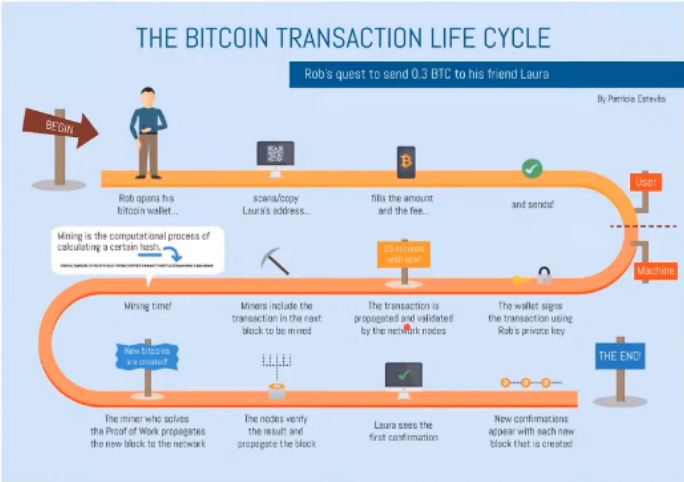


Mr. Vikas Kundalpady
Project Engineering Leader,
Distributed Ledger Technologies Pte. Ltd.,
Singapore

Date: June 27, 2020 | Saturday
Time: 11:15 AM IST

YouTube™ webinar on blockchain Kjsiet

How bitcoin works?



THE BITCOIN TRANSACTION LIFE CYCLE
Rob's quest to send 0.3 BTC to his friend Laura

By Perroce Estevo

Rob opens his bitcoin wallet... scans/copy Laura's address... fills the amount and the fee... and sends!

Mining is the computational process of calculating a certain hash.

Miners include the transaction in the next block to be mined

The transaction is propagated and validated by the network nodes

The wallet signs the transaction using Rob's private key

Miner time!

The miner who solves the Proof of Work propagates the new block to the network

The nodes verify the result and propagate the block

Laura sees the first confirmation

New confirmations appear with each new block that is created

<https://en.bitcoinwiki.org/index.php?curid=271214>

Webinar on Blockchain Technology - KJSIET - Mr. Vikas Kundalpady

240 views • Streamed live on Jun 27, 2020

15 0 SHARE SAVE ...

KJSIET - IIC

SUBSCRIBE

Up next

AUTOPLAY

Top chat replay

- Kavita Bathe Kavita Devanand Bathe K. J. Somaiya Institute of Engineering and Information Technology
- Divya Reddy Sannapu Divya Jayaprekash Reddy (S.F. -EXTC) KJ Somaiya Institute of Engineering and Information Technology
- N Shah Nasim B. Shah, Assistant Professor, Information Technology Department, K. J. Somaiya Institute of Engineering and Information Technology, Mumbai
- Sumit Dube Sumit Dube- VIT,Pune(last year)
- Vaishali Mohite Dr. Vaishali Gaikwad, KJSIET, Mumbai
- PRUTHIL GANDHI PRUTHIL GANDHI TE_IT_12
- Sarita Rathod Sarita Rathod, Assistant professor, KJSIET, Mumbai
- Srinath Nanduri Srinath Nanduri se-it
- Vedant Kokate Vedant Kokate SE IT 22
- siva santosh siva santosh
- usha jain Usha Jain TE_Comps_31
- hardik varjya TE_IT_B2_HARDIK VARIYA
- RUIN the Extinct Arghyadeep Kamakar SE-IT
- Mithil Modi TE ETRX 22 MITHIL MODI
- ROHIT JUJARAY Chhatrapati Shivaji Maharaj Institute of Technology, Pimpri
- Jay Dalbanjan Sir, can you please zoom a bit
- radha sawant radha sawant it kjpiet te
- Pratiksha Rathod Pratiksha Ganeshrao Rathod college name : Babar ... a naik college of engineering Pusaad (... ar computer science

Departmental Activities

- Department of Information Technology in association with Institution's Innovation Council (IIC) organized a webinar on "Cloud Computing" on July 04, 2020 through Zoom and YouTube Live with total 600+ of participants. The resource personage for the webinar was an industry expert Mr. Suketu Nayak, Cloud Technology Evangelist, Chief Executive Officer, GetWings Technologies Pvt. Ltd., Ahmedabad, India

Webinar on Cloud Computing

Webinar on Cloud Computing: Mr. Suketu Nayak

The banner is for a webinar titled "Webinar on Cloud Computing". It features a purple and blue background with a grid pattern. At the top, it mentions "K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY, SION, MUMBAI" and "SOMAIYA TRUST". Below this, it states "Accredited by NAAC with 'A' Grade" and "Three Programs Accredited by NATIONAL BOARD OF ACCREDITATION". The main text reads "DEPARTMENT OF INFORMATION TECHNOLOGY IN ASSOCIATION WITH INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative) ORGANIZES WEBINAR ON CLOUD COMPUTING". A central image shows Mr. Suketu Nayak, with his title "Mr. Suketu Nayak, Cloud Technology Evangelist, Chief Executive Officer, GetWings Technologies Pvt. Ltd., Ahmedabad, India". The date and time are listed as "Date: July 04, 2020 | Saturday" and "Time: 01:15 PM". A small video inset in the top right shows Dr. Suresh Uka...

The screenshot shows the Microsoft Azure portal dashboard. The top navigation bar includes "Microsoft Azure" and a search bar. The main content area is titled "Dashboard" and features a "New dashboard" button. Below this, there are options for "Auto refresh: Every 30 minutes" and "UTC Time: Past 24 hours". The central part of the dashboard displays a list of "All resources" under "All subscriptions". The resources listed include:

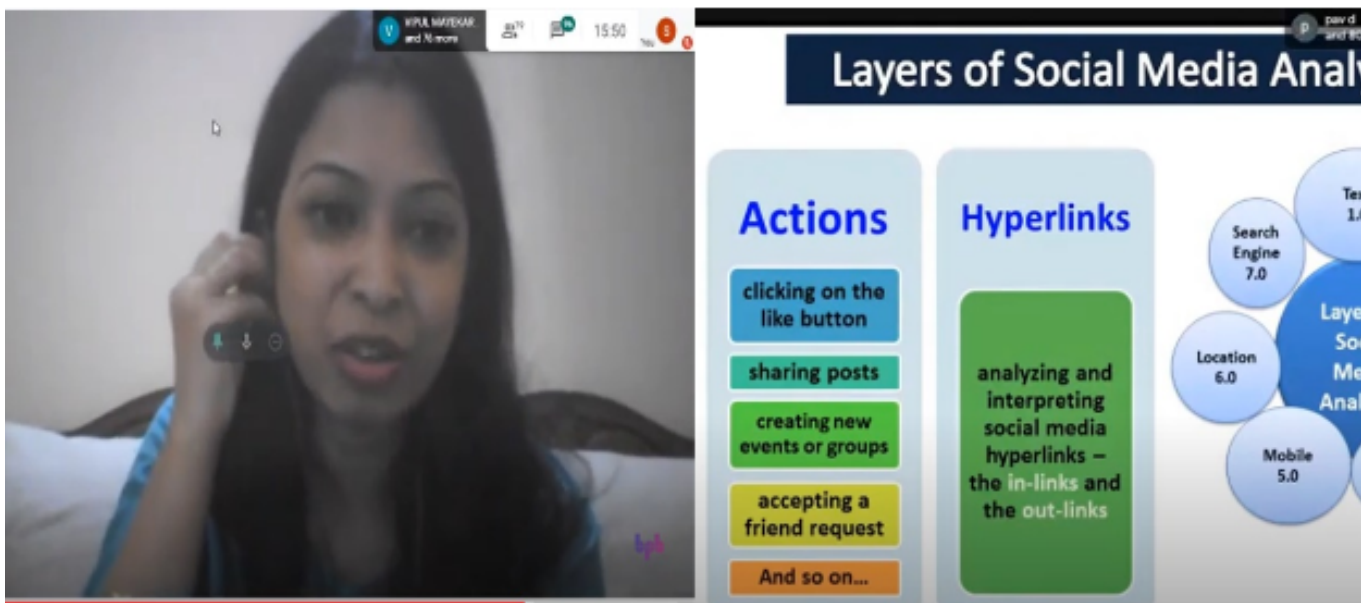
Resource Name	Resource Type
demonewinarapp01	App Service
wproblr2011	Storage account
suketuv2017vm	Virtual machine
suketuowipc	Virtual machine
suketuowipc178	Network interface
suketuowpcp113	Public IP address
suketuv2017vm_OsDisk_1_74a68014a...	Disk
LABVM2-vnet	Virtual network
suketuowipc_disk1_dk5f44a80fa44b7...	Disk
LABVMRG-vnet	Virtual network
suketuowpcrsq781	Network security group
suketuv2017vm-ip	Public IP address

On the right side of the dashboard, there is a section for "azurecourseml" with a "Machine Learning workspace" and a refresh button. The left sidebar contains navigation options like "Create a resource", "Home", "Dashboard", "All services", "FAVORITES", "Resource groups", "Virtual machines", "Storage accounts", "All resources", "Virtual networks", "SQL databases", "App Services", "Azure Cosmos DB", "Load balancers", "Security Center", and "Help + support".

Departmental Activities

- Department of Information Technology in association with BPB Publications organized a webinar on “Data Science-Social Media Analytics” on July 6, 2020. The resource personage for the webinar was Dr. Gypsy Nandi, Assistant Professor (Sr.) from Don Bosco University, Guwahati, India.

Webinar on Data Science



The image shows a screenshot of a webinar presentation. On the left, there is a video feed of a woman with long dark hair, wearing a blue top, holding a mobile phone to her ear. The video feed is part of a Zoom meeting interface, with a status bar at the top showing 'RIPAL BAYENAR and 11 more', '15:50', and a red 'X' icon. On the right, there is a presentation slide titled 'Layers of Social Media Analytics'. The slide features two main columns: 'Actions' and 'Hyperlinks'. The 'Actions' column lists: 'clicking on the like button', 'sharing posts', 'creating new events or groups', 'accepting a friend request', and 'And so on...'. The 'Hyperlinks' column contains a green box with the text: 'analyzing and interpreting social media hyperlinks – the in-links and the out-links'. To the right of these columns is a circular diagram with several nodes: 'Search Engine 7.0', 'Location 6.0', 'Mobile 5.0', and 'Layers of Social Media Analytics'. The slide also has a top bar with the title 'Layers of Social Media Analytics' and a small 'p' icon in the top right corner.

Departmental Activities

- Department of Information Technology organized a webinar on “Artificial Intelligence” Under National-Level Webinar Series on “Emerging Areas of Technology” on July 13, 2020 with total number of participants 2053. The resource personage for the webinar was Dr. G. P. Sahu, Professor, School of Management Studies, NIT – Allahabad.

National-level Webinar on Artificial Intelligence

The screenshot shows a Zoom meeting interface. The main content is a news article from BT (Business Today) titled "Budget 2020: Government to use AI to crackdown on GST frauds". The article mentions that machine learning and AI will be used for delivering the Ayushman Bharat scheme. The Zoom interface includes a list of participants on the right, such as Dr. Radhika Kotecha, Nitin Urankar, Prof G P Sahu, and others. The meeting is recorded and live-streamed.

The screenshot shows a YouTube video titled "Agriculture" featuring Prof. G.P. Sahu. The video content includes a list of bullet points:

- Driving a food revolution and meeting the increased demand for food
 - **Crop Selection** – can take complex parameters like soil type, monsoon dates, availability and affordability of seeds, etc. along with historical data.
 - **Crop Monitoring** – Using technologies like IoT, drones, satellite imaging, etc. authentic data can be collected from the fields, monitored and analyzed by AI-based applications to identify the right solutions.

The video also features a live chat on the right side with messages from participants like Tanuja Salvi, Professor B.S. Rathore, and Dr. Radhika Kotecha. The video is part of a series titled "Day1- Artificial Intelligence - National-Level Webinar Series on 'Emerging Areas of Technology'".

Departmental Activities

- Department of Information Technology organized a webinar on “Cyber Security” under National-Level Webinar Series on “Emerging Areas of Technology” through Zoom and YouTube Live on July 14, 2020 with total number of participants 1623. Mr. Amey Tambe, Director, SoftTech Data Securities, Pune

National-level Webinar on Cyber Security

Elements of Information Security



Departmental Activities

- Department of Information Technology organized Let's Talk Series for the students on various contemporary topics with an objective to create a forum for providing students with precise guidance regarding their pursuits. Following discourses were organized under the series:
- Discourse on "Preparing for Higher Studies Abroad" in association with Alumni Committee under "Let's Talk Series" on July 25, 2020. To create a forum for providing students with precise guidance regarding different universities abroad, choosing the right institute and various job opportunities after completion of MS. The resource personage for this session were Mr. Sujit Singh, Software Engineer, Wayfair, US / Alumnus, KJSIEIT and University at Buffalo, New York, US) and Mr. Raunaq Porwal, Alumnus, KJSIEIT and PG student - University of Southern California, US

Departmental Activities

Speakers Interacting with Audience during Let's Talk Series – Session 1

Meeting

Participants (49)

- VRUSHALI DEOLE (Me)
- VIRAJ VORA (Host)
- Raunaq Ramesh Porwal
- Reena Lokare
- Shreya Shetty
- sujitsingh
- Adii
- Aditi Parab
- Arjun Pitroda
- Bhavya Shah
- Delzeen Machhi
- DHARITA DESAI
- Dhaval Mehta

Zoom Meeting

Participants (50)

- VRUSHALI DEOLE (Me)
- VIRAJ VORA (Host)
- Raunaq Ramesh Porwal
- Reena Lokare
- Shreya Shetty
- sujitsingh
- Shashank
- Adii
- Aditi Parab
- Arjun Pitroda
- Bhavya Shah
- Delzeen Machhi
- DHARITA DESAI

Departmental Activities

- Discourse on “Work Culture in IT Industries” in association with Training and Placement Committee under “Let’s Talk Series” on July 26, 2020. To create a forum for providing students with precise guidance regarding working culture of IT industries and preparations required while transforming from engineering studies to jobs. The resource personage for this session were Mr. Meet Desai, Software Engineer, Majesco Pvt. Ltd., Mumbai, India and Mr. Kunal Dawda, Assistant Manager, Department of IP-MPLS & Automation, Reliance Jio Pvt. Ltd., Mumbai, India (Alumnus – KJSIEIT)

Speakers Interacting with Audience during Let’s Talk Series – Session 2

DEPARTMENT OF INFORMATION TECHNOLOGY
Under
LET'S TALK SERIES

Resource Personages:

 **Mr. Meet Desai**
(KJSIEIT Alumnus)
Software Engineer, Majesco Pvt. Ltd., Mumbai, India

 **Mr. Kunal Dawda**
(KJSIEIT Alumnus)
Assistant Manager,
Department of IP-MPLS & Automation, Reliance Jio Pvt. Ltd., Mumbai, India

- Only Questions & Answers
- Registration Link: <https://tinyurl.com/LetsTalkPart2>
- No Fees, E-Certificate to All Registered Attendees

July 26, 2020

4:00 PM IST

Online Mode

In Association with:
Training & Placement Committee

For Queries, contact Student Coordinator:
Mr. Ritesh Sandbhor - 91677 03475
Mr. Yash Deshpande-9029878778

kjsieit.somaiya.edu/en

ISIEIT:  kjsieit_22  kjsieitofficial  kjsieitofficial **IT Dept:**  it_kjsieit  kjsieitITDept

Participant List:

- d Disha Gha
- DM DIVYA MAI
- GP Ghanashya
- H HARDIK VA
- HP Harshil Pa
- H HITAISHI J
- HB hrshikesh
- INZIYA DO
- A IT_01_AAK
- IT_06_D K
- ID IT_08_Aay
- ID IT_10_Ridd



Invite

Departmental Activities

- Discourse on “How Big is Big Data” under “Let’s Talk Series” on August 26, 2020. To create a forum for providing students technical guidance and insights on the big scope & opportunities of research as well as jobs in Big Data. The resource personage for this session was Mr. Jimish Kadakia, Business Intelligence Developer Maryland, USA (Alumnus – KJSIEIT).


Speaker Interacting with Audience during Let’s Talk Series – Session 3



 **K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai** 
ACCREDITED BY NAAC WITH 'A' GRADE (3.21 CGPA)
THREE PROGRAMS ACCREDITED BY NATIONAL BOARD OF ACCREDITATION
BEST COLLEGE AWARD BY UNIVERSITY OF MUMBAI, ISTE (MH) AND CSI (MUMBAI)

Discourse on
“How Big is Big Data?”
Organized By
DEPARTMENT OF INFORMATION TECHNOLOGY
Under
LET’S TALK SERIES

Resource Personage:

 **Mr. Jimish Kadakia**
KJSIEIT Alumnus,
Business Intelligence Developer, Maryland, USA
Past: Morgan Stanley, USA

Departmental Activities

- Department of Information Technology organized “Parents’-Teachers’ Meeting” on July 11, 2020 for SE (to TE) and TE (to BE) students’ parents to convey the activities conducted by the Department for students during the lockdown period from March 17 2020, the plan of Online Teaching-Learning for the upcoming semester and interact with parents to address their concerns. The parents were very satisfied with the execution and appreciated the growth of their children even during the pandemic due to the efforts of the institute and the department.

Glimpse of Parents’ – Teachers’ Meeting

Curricular Activities:
Online Lectures, Virtual Labs,
Certification Courses (Institutional Subscription) & 50+ Webinars



K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY

You are screen sharing Stop Share

Departmental Activities



K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY, MUMBAI
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DEPARTMENT OF INFORMATION TECHNOLOGY
ORGANIZES

SUMMER INTERNSHIP 2020

"TOWARDS INDUSTRY"

Duration: June 2020 (1 Month)
In association with

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY

Participants (64)

Name	Joined	Audio	Video	Chat
Dr. Radhika Kotecha (I lost, me)		On	Off	Off
MJ Manshree Jhawar		Off	Off	Off
Uday Rote		Off	Off	Off
VU Vijaya Umesh Pinjarkar		Off	Off	Off
V Vishal Khundekar		Off	Off	Off
AB ANYUSHI BHIMANI		Off	Off	Off
AS Abrar Shaikh		Off	Off	Off
AV Akash Yadav		Off	Off	Off
Amant Saha		Off	Off	Off
A Anand Prabhusai		Off	Off	Off
A Aneesh		Off	Off	Off

You are screen sharing | Stop Share

Invite | Mute All | Unmute All

- Department of Information Technology organized "Orientation Session" on July 18, 2020 for FE I.T. students entering into SE I.T. with an objective to orient them towards the faculties and practices of the department. The plan for upcoming semester was also conveyed to the students. The session witnessed enthusiastic participation of the students.

Second Year – Information Technology Students' Orientation



**K. J. SOMAIYA INSTITUTE OF ENGINEERING AND
INFORMATION TECHNOLOGY, SION, MUMBAI**

DEPARTMENT OF INFORMATION TECHNOLOGY

Orientation for F.E. to S.E. Students

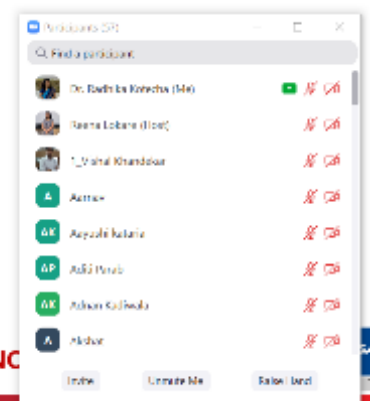


Outline

- **Quality Education**
- **Project Based Learning**
- **Co-curricular Activities**
- **Extra-Curricular Activities**
- **Training and Placement Activities**
- **Interact with Us**
- **Know Your Seniors**



K. J. SOMAIYA INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY



Departmental Activities

- Department of Information Technology organized “Peer-Learning Series” during July 27-31, 2020 to learn best practices for Online Teaching from peer faculties of the department. The series enhanced preparedness and quality of Online Teaching to students in upcoming semester.

Peer-Learning Series for and by Faculties

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "Introduction Know your Data". The slide is divided into four numbered sections, each with a lightbulb icon at the bottom:

- 1 Data**: Raw facts
- 2 Information**: Processed Data
- 3 Database**: Collection of interrelated data
- 4 DBMS**: Database + Set of control routines

The slide also includes a vertical bar on the left with the words "Conclusion", "Methods", "Analytics", and "Data", and another vertical bar on the right with "Introduction" and "Know your Data". The Zoom interface shows a "People" list on the right with 13 participants, including presenters and attendees. The bottom of the screen shows a "Request control" button and a time display of 53:20.

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "ISSUE WITH USING ARRAY AS DATA STRUCTURE FOR SOME APPLICATIONS". The slide features handwritten diagrams and code snippets illustrating memory reorganization:

- Albert**: `int x;`
`x = 8;`
`int A[4];`
- Memory**: A diagram showing a memory array with values 6, 5, 4, 2, 8. The address 206 is marked at the start, and 217 is marked at the end. The array is labeled "A".
- Memory Manager**: A diagram showing a memory array with values 8, 6, 5, 4, 2, 3. The address 206 is marked at the start, and 224 is marked at the end. The array is labeled "A".
- Waste of**: A diagram showing a memory array with values 8, 6, 5, 4, 2, 3. The address 206 is marked at the start, and 224 is marked at the end. The array is labeled "A".

The Zoom interface shows a "People" list on the right with 13 participants, including presenters and attendees. The bottom of the screen shows a "Request control" button and a time display of 01:12:24.

Departmental Activities

The screenshot shows a Zoom meeting in progress. The main content is a slide titled "Quality Assurance" with a central graphic. The graphic features a yellow banner with "QUALITY ASSURANCE" written on it. Surrounding the banner are various icons and text: "CUSTOMER" with a person icon, "SERVICE" with a thumbs-up icon, "SATISFACTION STRANDARD" (sic) at the bottom, "BUSINESS" with a briefcase icon, "IMPROVEMENT" with a person icon, and "GUARANTEE" with a circular seal icon. A smartphone icon is also present. The Zoom interface includes a "People" list on the right with 11 participants, a "General" chat window, and a bottom toolbar with icons for mute, video, and chat.

The screenshot shows a Zoom meeting in progress. The main content is a slide titled "Design Process" with the subtitle "Phase 1. Collect Data Needs : User Requirements". The slide features an illustration of three people: a man in a suit, a woman in an orange dress, and a man in a blue shirt. The logo for "SOMAIYA VIDYAPITH" is visible at the bottom left, and the "Somaiya TRUST" logo is at the bottom right. The Zoom interface includes a "Meeting chat" window on the right with two messages, a "Request control" button, and a bottom toolbar with icons for mute, video, and chat.

Faculties Achievements

- Dr. Radhika Kotecha received a grant of INR 2.53 Lakh from AICTE for organization of Short-Term Training Program (STTP) on “Leveraging Artificial Intelligence and Data Analytics for Healthcare”, under AQIS 2019-20.
- Dr. Radhika Kotecha joined and contributing as a Reviewer of Manuscripts for International Journal: Expert Systems with Applications, Elsevier Publications with Thomson Reuters Impact Factor 4.292 and indexed in Scopus, etc.
- Dr. Hariram Chavan delivered a talk on “Subjective Answer Assessment” on May 29, 2020 in an online Research Seminar organized by Somaiya Institute for Research and Consultancy in collaboration with K. J. Somaiya College of Engineering and K. J. Somaiya Institute of Engineering and Information Technology.
- Dr. Hariram Chavan contributed as a Reviewer in the 1st International Conference on Automation, Computing and Communication (ICACC-2020) conducted virtually on June 27-28, 2020.
- Prof. Vijaya Pinjarkar published a paper “Classification Algorithm based Mental Health Prediction using Data Mining” in 5th International Conference on Electronics and Communication Systems, Coimbatore, India available on IEEE Xplore.

Achievements of Faculties and Students

- Papers of students & faculties of Department of Information Technology were published in proceedings of 3rd International Conference on "Advanced in Science and Technology (ICAST 2020), organized by the institute on May 28, 2020 published in SSRN-Elsevier.

Faculty Name :

Dr. Radhika
Kotecha

- Strengthening e-Education in India using Machine Learning.

- Quadruped Robot Gait Planning for Enhanced Locomotion and Stability.

- Enhancing Attainment of Graduate Attributes through Data Mining.

- Indian Counterfeit Banknote Detection using Support Vector Machine.

- Early Prediction of Pre-Diabetes Using Machine Learning.

Achievements of Faculties and Students

Faculty Name :

Prof. Uday

Rote

- Tourism Application using Augmented Reality
-

- Real-Time Stock-Market Forecasting using Ensemble Deep Learning

Faculty Name :

Dr. Mansing

Rathod

- Canteen Automation System with Payment Gateway

Achievements of Faculties and Students

Faculty Name :

Prof. Vijaya
Pinjarkar

- Mental Health Prediction using Data Mining: A Systematic Review

Faculty Name :

Prof. Nasim
Shah

- Image Compression using DWT & Optimization using Evolutionary Algorithm
-
- Detection of Malaria using Machine Learning (direct in SSRN)

Achievements of Faculties and Students

Faculty Name :

Prof. Harsh
Bhor

- Predicting Rainfall from Historical data Trends
-

- Development of an Arduino based PicoSatellite-OBC

Faculty Name :

Dr. Vaishali
Gaikwad

- Project Carbon
-

- Machine Learning in Refrigerator to Keep Inventory

Achievements of Faculties and Students

Faculty Name :

Prof. Reena
Lokare

- Machine Learning approach for Predicting Breast Cancer using Genomic Data

- Private Data Classification Using Deep Learning

- Breast Cancer Prediction Using Deep Learning and ML Techniques

Faculty Name :

Dr. Vaishali
Gaikwad

- DigiXpense: Handling Expense Compilation

- Resource Optimization based Cloud Gaming

Achievements of Faculties and Students

- Faculties and staff members of Department of Information Technology participated in various Online Faculty Development Program, Webinars, orientation programmes, Workshops & competitions (120+ development programmes) during May to August 2020.
- All the students in SE (to TE) and TE (to BE) of Department of Information Technology have pursued internship during the month of May to July 2020. With multiple internships done, 180+ internships have been attended in renowned companies.
- All the students in SE (to TE) and TE (to BE) of Department of Information Technology have pursued online certification courses from NPTEL, Coursera Spoken Tutorial – IIT Bombay, etc., 370+ certification courses are done from May-August 2020
- All the students in SE (to TE) and TE (to BE) of Department of Information Technology participated in several online workshops, webinars, and Student Development Programmes during May-August 2020.

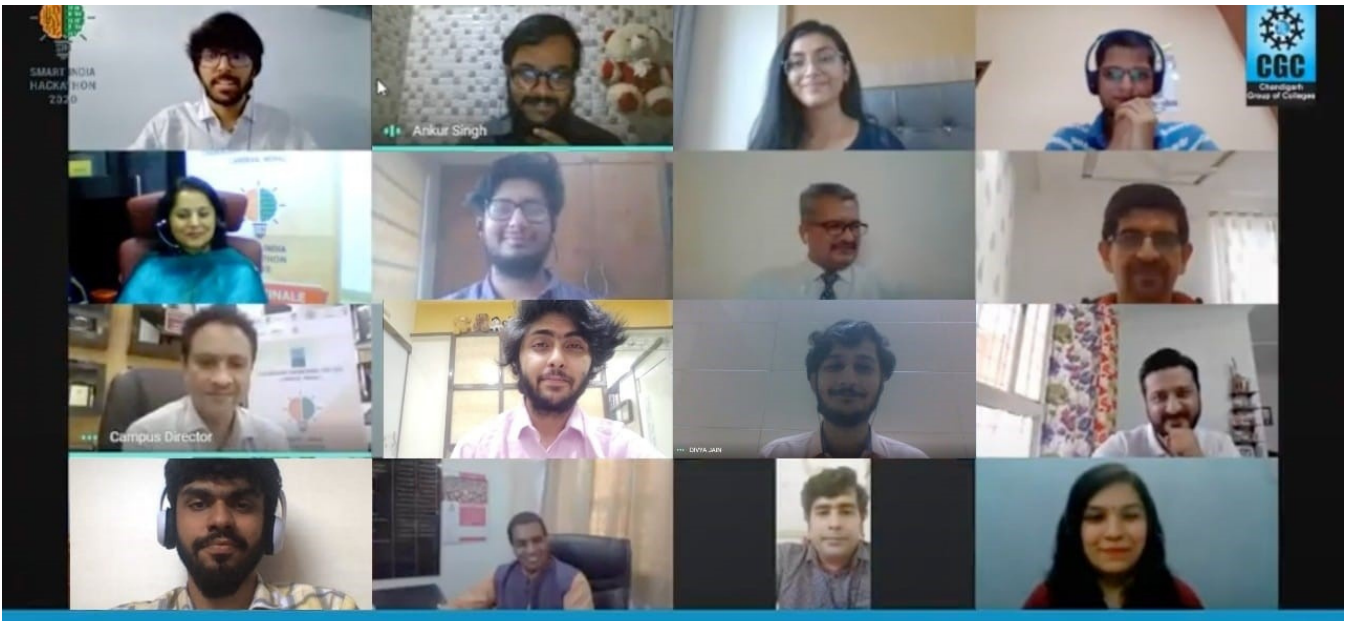
Achievements of Faculties and Students

- Students from TE (to BE) Parth Maniar, Saj Maru, Shreya Singh and Meet Kotak of Department of Information Technology with students Divya Jain and Vinayak Malviya of Department of Computer Engineering mentored by faculty Dr. Radhika Kotecha (Head, Department of Information Technology) and industry expert Mr. Ankur Singh (DevOps System Engineer – Zycus, Mumbai) won First Prize INR 1 Lakh in National-level event Smart India Hackathon 2020 organized by AICTE and MHRD for the problem statement Unified System for Agricultural Prediction using Artificial Intelligence (USAPA) given by Cognizant Technology Solutions India Pvt. Ltd.

Because of the COVID-19 pandemic, SIH 2020 Software Edition was conducted in ONLINE mode. Approx. 4.5 lakh students across the nation participated for SIH 2020, out of which 10,000 students were shortlisted for the Finale under different 200+ problem statements given by Central Govt. Departments, State Govt. Departments, and Industries.

Achievements of Faculties and Students

Valedictory Session by SIH Nodal Centre felicitating the team



Projects by Faculties and Students

- Students under the guidance of Dr. Hariram Chavan and Prof. Reena Lokare are working on a project “Artificial Intelligence and Deep Learning for Prediction of COVID-19” for K. J. Somaiya Hospital:
 - Yash Deshpande (BE IT)
 - Sahil More (BE IT)
 - Yash Nagda (BE IT)
 - Aman Misri (BE IT)
 - Manan Kotak (BE IT)
 - Jaideep More (TE IT)
 - Keshav Mishra (TE IT)
- Students under the guidance of Dr. Radhika Kotecha are working on a project “Weather-Based Short-Term Load Forecasting using Artificial Intelligence” for Tata Power and India Meteorological Department (IMD). Version 1 of the project is deployed at Tata Power:
 - Parth Maniar (BE IT)
 - Saj Maru (BE IT)
- Students under the guidance of Dr. Hariram Chavan and Prof. Reena Lokare are working on a project “SARI Survey Mobile Application for ASHA Workers” for Solapur Municipal Corporation. Project is deployed.
 - Sahil More (BEIT)
 - Yash Deshpande (BEIT)
 - Ritesh Sandbhor (BEIT)
 - Shatayu Thakur (BEIT)

Projects by Faculties and Students

- Students under the guidance of Prof. Vijaya Pinjarkar are working on a project “Receiver Design for Radiosonde” in association with Databyte Services and Systems:
 - o Shrinath Nanduri (TE IT)
 - o Saloni Pitadia (TE IT)
 - o Jaydeep More (TE IT)
 - o Keshav Misha (TE IT)
 - o Akash Prabhudesai (TE IT)
- Students under the guidance of Prof. Harsh Bhor developed a project “Student Information Management System & Parents’ Portal” for Automation of Departmental Activities:
 - o Ritesh Sandbhor (BE IT)
 - o Yash Deshpande (BE IT)
 - o Shatayu Thakur (BE IT)
 - o Sahil More (BE IT)
 - o Nagraj Vallakati (BE IT)

Projects by Faculties and Students

- Students under the guidance of Dr. Radhika Kotecha, Dr. Vaishali Gaikwad, Prof. Sarita Rathod developed a project “Event Management System: (A) Automated Event Planner, (B) Automated Event Report Generation, (C) Automated Certificate Design and Distribution” for Automation of Departmental Activities:
 - o Omkar Manchekar (BE IT)
 - o Payal Gidwani (BE IT)
 - o Shreya Singh (BE IT)
 - o Pankaj Sharma (BE IT)
 - o Tomal Ghosh (BE IT)
 - o Krutik Bajriya (BE IT)
 - o Parth Maniar (BE IT)
 - o Rahul Singh (BE IT)
- Students under the guidance of Lab Staff Mrs. Kavita Chimankare, Mrs. Pallavi Chavda, Mr. Raza Ansari, Mr. Vishal Khandekarare developed a project “Inventory Management System: (A) Stationery Management System, (B) Equipment Management System” for Automation of Departmental Activities:
 - o Akash Yadav (TE IT)
 - o Keshav Mishra (TE IT)
 - o Het Parekh (TE IT)
 - o Vedant Manelkar (TE IT)
 - o Dakshit Vaviya (TE IT)
 - o Dhruv Panchal (TE IT)
 - o Harsh Vador (TE IT)
 - o Tirth Shah (TE IT)
 - o Jaydeep More (TE IT)

Projects by Faculties and Students

- Students under the guidance of Prof. Prashant Sawant developed a project “E-Notice Board” for Automation of Departmental Activities:
 - o Neel Shah (TE IT)
 - o Hardi Patel (TE IT)
 - o Jaydeep Patel (TE IT)
 - o Jay Shah (TE IT)
- Students under the guidance of Prof. Vijaya Pinjarkar are working a project “Training and Placement Portal” for Automation of Departmental Activities:
 - o Parth Kanani (BEIT)
 - o Manan Kotak (BEIT)
 - o Pradeep Ramola (BEIT)
 - o Swapnil Joshi (BEIT)

Student Development Program

- KJSIEIT – IIC coordinated following webinars organized by MHRD’s Innovation Cell (MIC) and telecasted live on Twitter with an objective to imbibe contributing and leadership skills:
- Leadership Talk with Dr. Madhuri Kanitkar, Lieutenant General on May 02, 2020

Leadership Talk with Dr. Madhuri Kanitkar



Student Development Program

- Leadership Talk with Prof. DP Singh, Chairman, UGC on May 09, 2020

Leadership Talk with Prof. DP Singh



Student Development Program

- Leadership Talk with Dr. Pramod Chaudhari, Founder & Chairman, Praj Industries on May 16, 2020

Leadership Talk with Dr. Pramod Chaudhari

1:00 PM · 16 May 20 · Periscope

205 Retweets 390 Likes



Radhika Kotecha @Radhika_... · Now

Replying to @abhayjere

Faculties and Students of K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai are attending the live session.



Dr. Abhay Jere @abhayjere · May 16
LeadershipTalk with Dr. Pramod Chaudhari, Founder & Chairman, Praj Industries Ltd. pscp.tv/w/cY48gDFIVFZ...

Student Development Program

- Leadership Talk with Shri Mahesh Babu, CEO, Mahindra Electric Mobility Ltd. on May 23, 2020

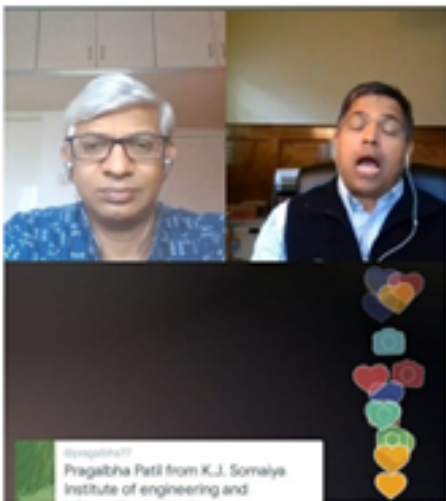
Leadership Talk with Shri Mahesh Babu



Student Development Program

- Leadership Talk with Mr. Nilesh Oak, Specialist, Indian History and Civilization on May 30, 2020

Leadership Talk with Mr. Nilesh Oak



Student Development Program

- Leadership Talk with Ms. Ashwini Deshpande, Co-Founder and Director, Elephant Design on June 06, 2020

Leadership Talk with Ms. Ashwini Deshpande

The collage features several social media posts and video thumbnails. The central focus is a Twitter post by Dr. Abhay Jere (@abhayjere) from June 6, 2020, titled "Leadership Talk with Ms. Ashwini Deshpande Co-Founder and Director, Elephant Design". The post includes a video player showing a live session with Dr. Jere and Ms. Deshpande. Below the main post, there are several replies from students of K. J. Somaiya Institute of Engineering and Information Technology, including Viraj Vora, Kinjal Majithia, Anamika, Shreya Shetty, and Radhika Kotecha. A banner for the "Leadership talk with Ms. Ashwini Deshpande" is also visible, featuring logos for MHRD, MIC, and the institute, along with the text "JOIN US ON TWITTER LIVE" and "Saturday 6th June 2020 at 01.00 PM". Another video thumbnail shows a "Leadership" talk with a play button and a duration of 0:39 / 24:52.

Student Development Program

- Leadership Talk with Shri R Subrahmanyam, Secretary, Ministry of Social Justice and Empowerment on June 13, 2020

Leadership Talk with Shri R Subrahmanyam

Leadership talk with Shri R Subrahmanyam, IAS

JOIN US ON @abhayjere

Saturday 13th June 2020 at 01.00 PM

Dr. Abhay Jere
Secretary, Ministry of Social Justice & Empowerment

Dr. Abhay Jere
Chief Innovation Officer, MHRD Innovation Cell

Tweet by Dr. Abhay Jere (@abhayjere) - Jun 13
Leadership Talk with Shri R Subrahmanyam, Secretary, Ministry of Social Justice and Empowerment

Replies:
Viraj Vora @virajvora · 4m
Replying to @abhayjere
Viraj Vora Student of K J Somaiya Institute Of Engineering And Information Technology

Replies:
Kinjal Majithia @kinjalmajithia · 8m
Replying to @abhayjere
Kinjal Majithia Student of K J Somaiya Institute Of Engineering And Information Technology

Replies:
Shreya Shetty @shreyashetty · 8m
Replying to @abhayjere
Shreya Shetty Student of K J Somaiya Institute Of Engineering And Information Technology

Student Development Program

- Leadership talk with Shri Shridhar Venkat, CEO Akshaya Patra Foundation on June 20, 2020

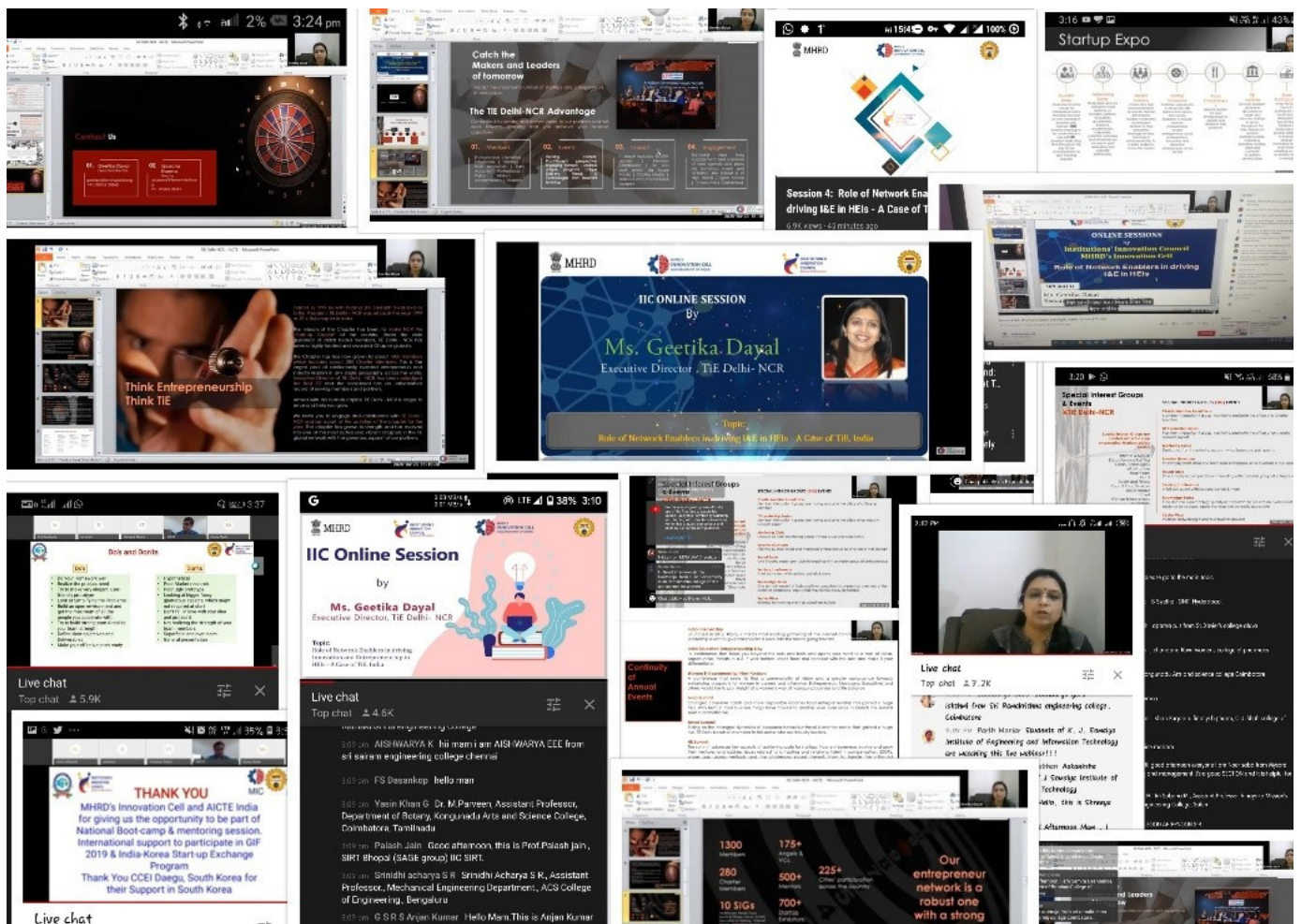
Leadership Talk with Shri Shridhar Venkat

The image displays a collection of social media content related to a leadership talk. At the top, there are three tweets from Dr. Abhay Jere (@abhayjere) dated June 20, 2020. Each tweet includes a video player for the talk, with titles such as "Leadership Talk with Shri Shridhar Venkat, CEO Akshaya Patra Foundation". The tweets show engagement metrics like replies, retweets, and likes. Below these are several replies from students and faculty members at K. J. Somaiya Institute of Engineering and Information Technology, expressing interest and participation in the session. The replies include names like Viraj Vora, Radhika Kotecha, Shreya Shetty, and Kinjal Majithia. There are also screenshots of a Twitter thread and a tweet with a "Leadership" graphic. The bottom right corner shows a video player interface for the talk, with a play button and a progress bar.

Student Development Program

- **MHRD's Innovation Cell organized 17 IIC Online Sessions on "Innovation, IPR, Entrepreneurship, and Start-ups" during April – May 2020:**
- **IIC Online Session on Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India by MHRD's Innovation Cell on May 01, 2020**

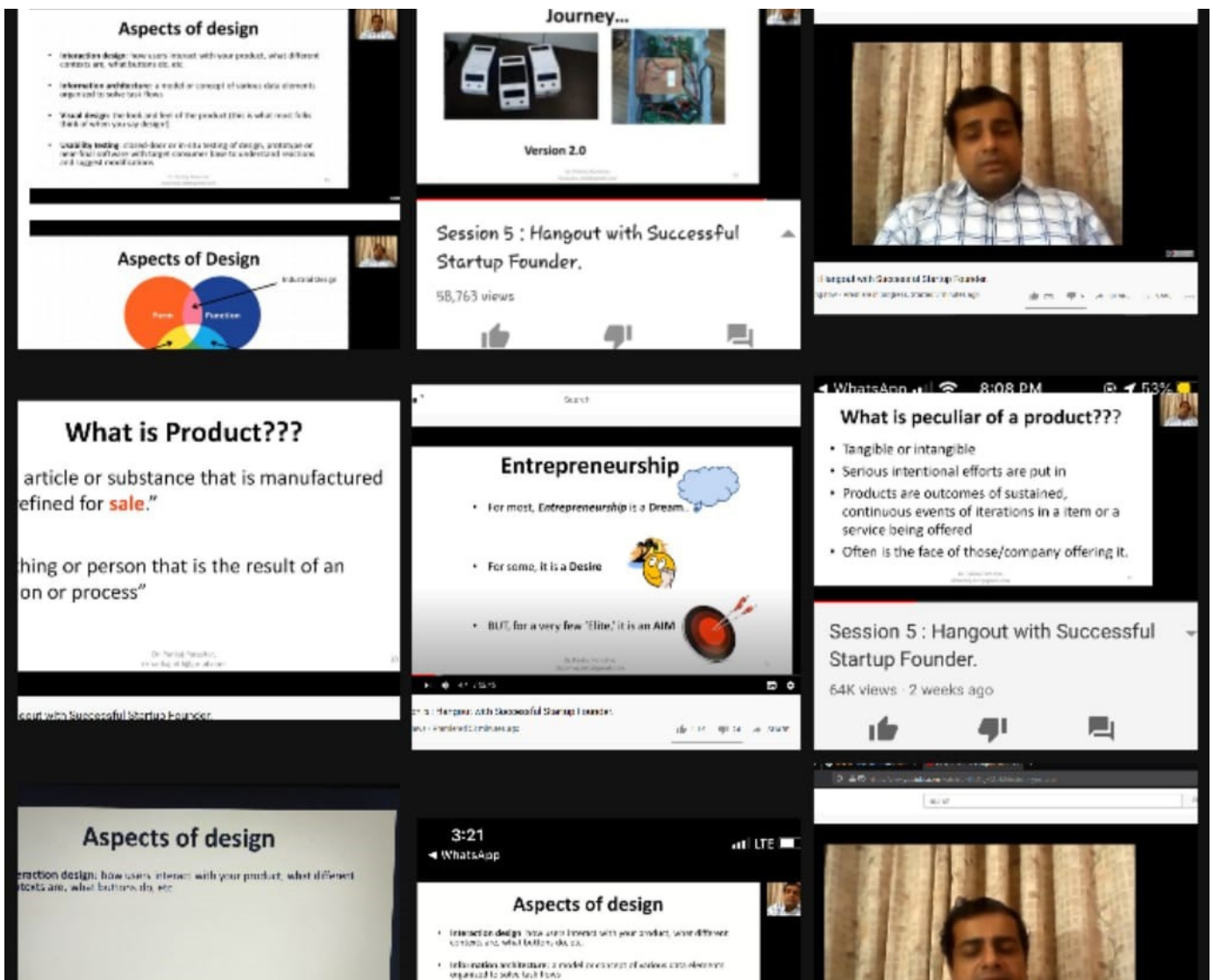
IIC Online Session - 4



Student Development Program

- IIC Online Session on Hangout with Successful Startup Founder and Learn on Design thinking Approach for Hardware Innovation by MHRD's Innovation Cell on May 04, 2020

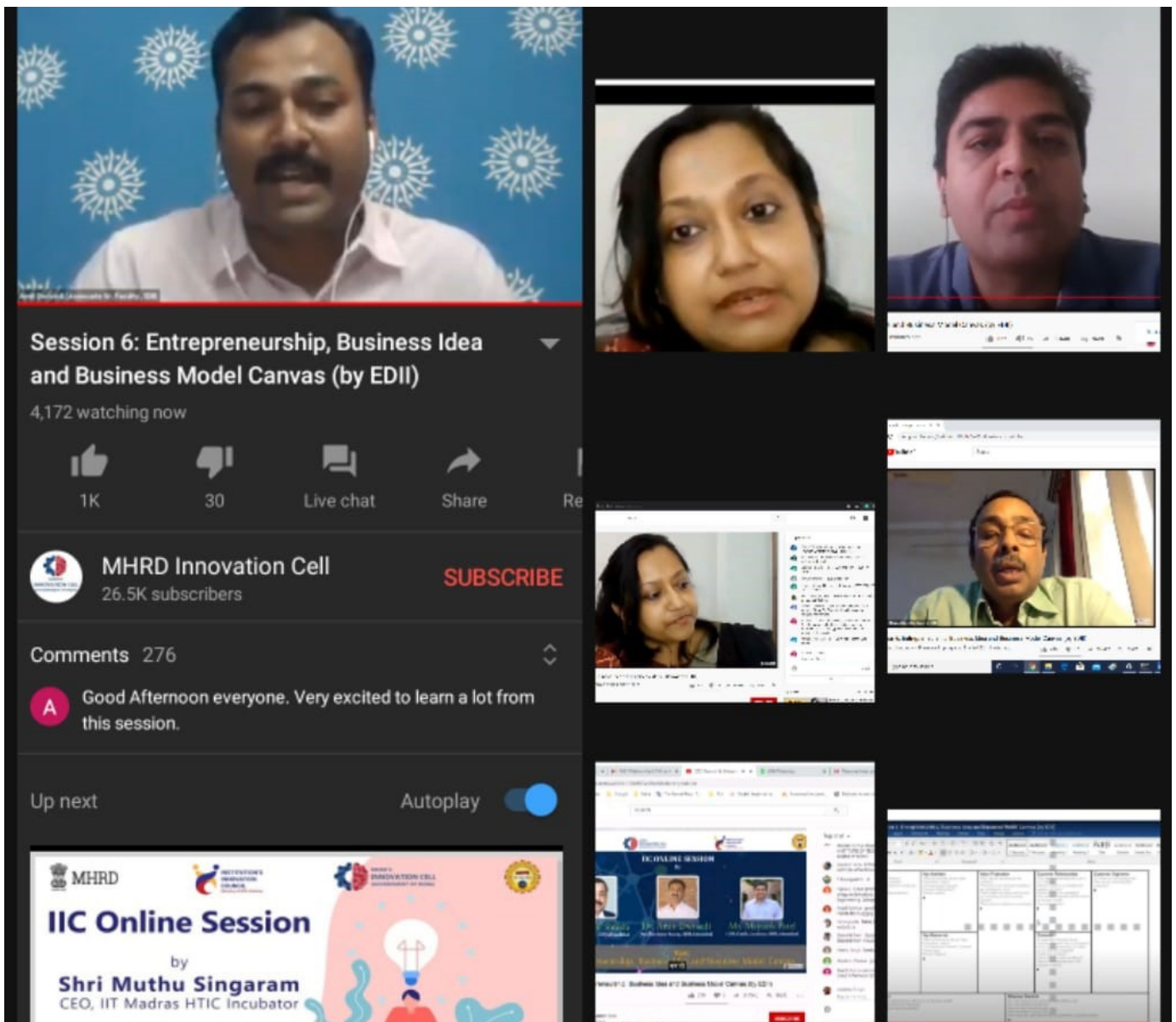
IIC Online Session - 5



Student Development Program

- IIC Online Session on Entrepreneurship, Business Idea and Business Model Canvas by MHRD's Innovation Cell on May 05, 2020

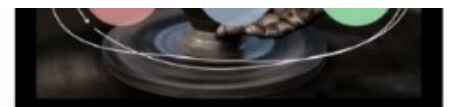
IIC Online Session - 6



Student Development Program

- IIC Online Session on How to Identify Right Problem and Solution using the Double Diamond Approach in Design by MHRD's Innovation Cell on May 06, 2020

IIC Online Session - 7

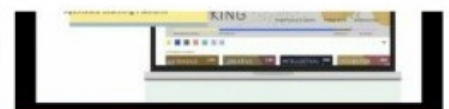


Session 7 :How to Identify Right Problem and Solution using the Double Diamond Approach in Design

57K views

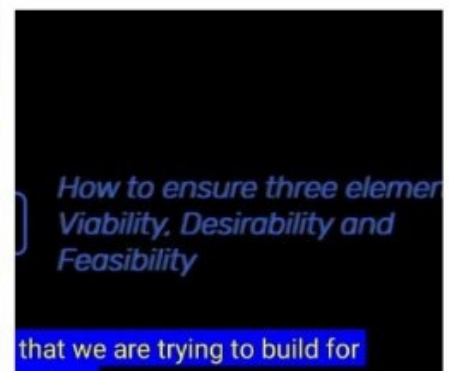
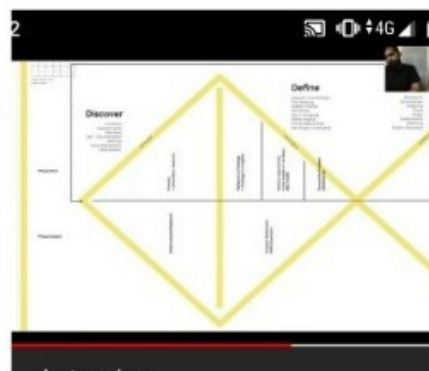
1.4K 38 Share Save Report

MHRD Innovation Cell 39.3K subscribers SUBSCRIBE



Live chat Top chat 2.4K

N. G. P arts and science collage
3:02 PM KaruppuSamy Surya hi
3:02 PM Rags Melodies I'm VeeraRaghavaRao Abukuri , Associate Professor from NKR & KSR Institute of Technology & Sciences, Guntur.
3:02 PM Aakanksha Padmanabhan Aakanksha Padmanabhan, Student of K.J Somaiya Institute of Engineering and Information Technology



Student Development Program

- IIC Online Session on Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups by MHRD's Innovation Cell on May 07, 2020

IIC Online Session - 8



Session 8: Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups

58K views



MHRD Innovation Cell
39.3K subscribers

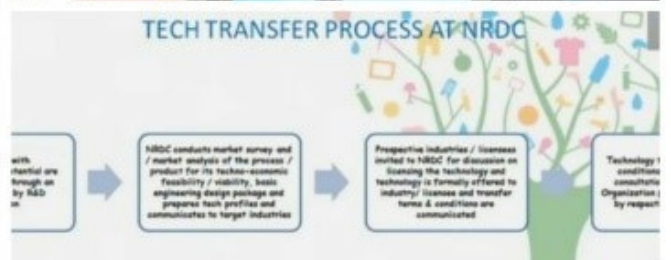
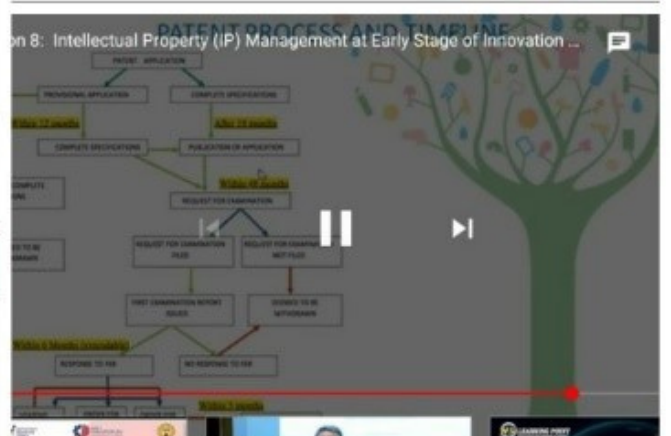
SUBSCRIBE

- Inventor
- Assignee
- Legal Representative of any deceased person

Session 8: Intellectual Property (IP) Management at Early Stage of Inn...

DOCUMENTS REQUIRED FOR FILING A PATENT APPLICATION

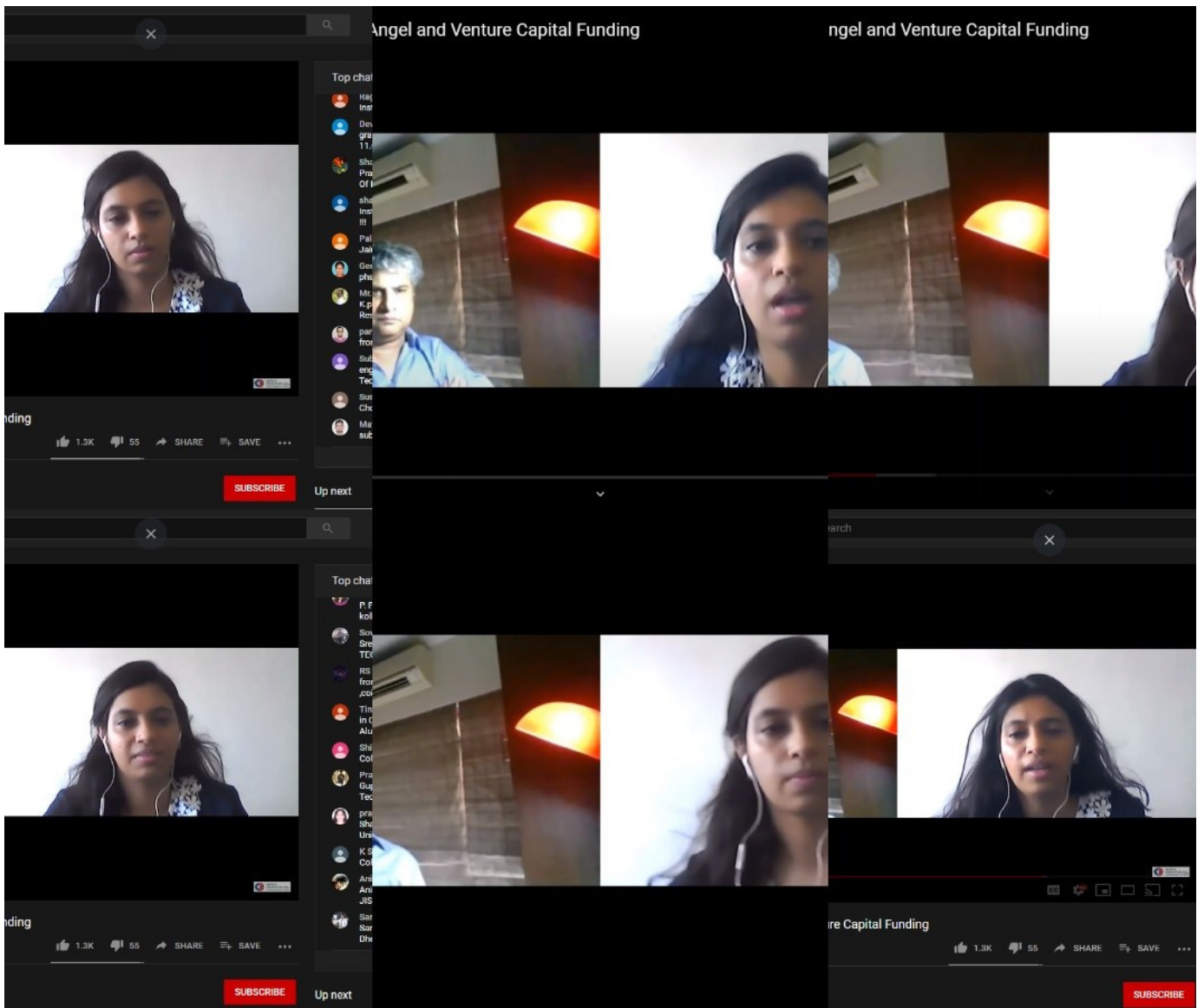
- Covering letter indicating the list of the documents
- Application form (Form-1)
- Provisional or Complete Specification in duplicate (Form-2)
- Drawing
- Abstract of the invention



Student Development Program

- IIC Online Session on Understanding Angel and Venture Capital Funding - by MHRD's Innovation Cell on May 08, 2020

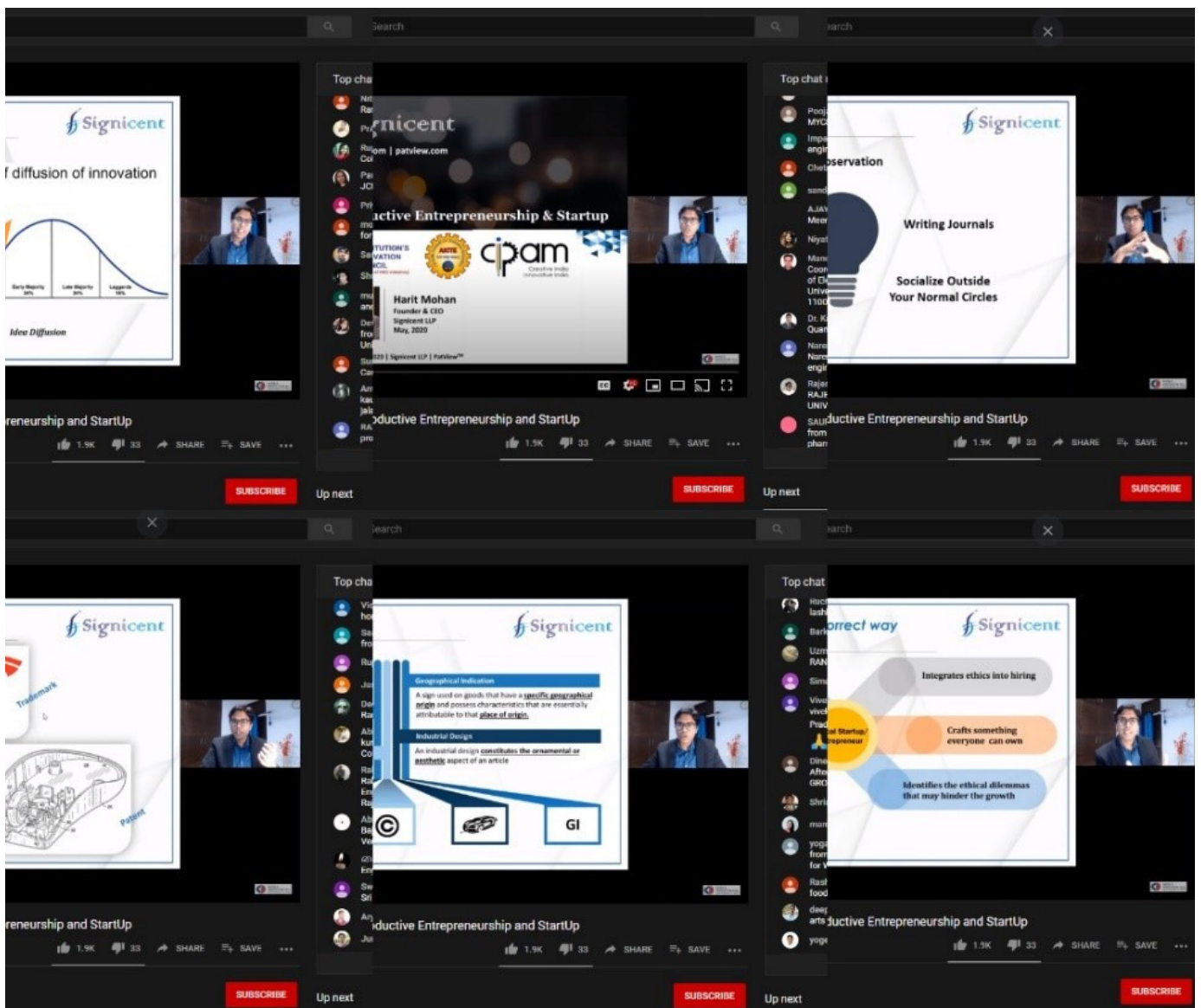
IIC Online Session - 9



Student Development Program

- IIC Online Session on How to plan for Start-up and legal and Ethical Steps by MHRD's Innovation Cell on May 12, 2020

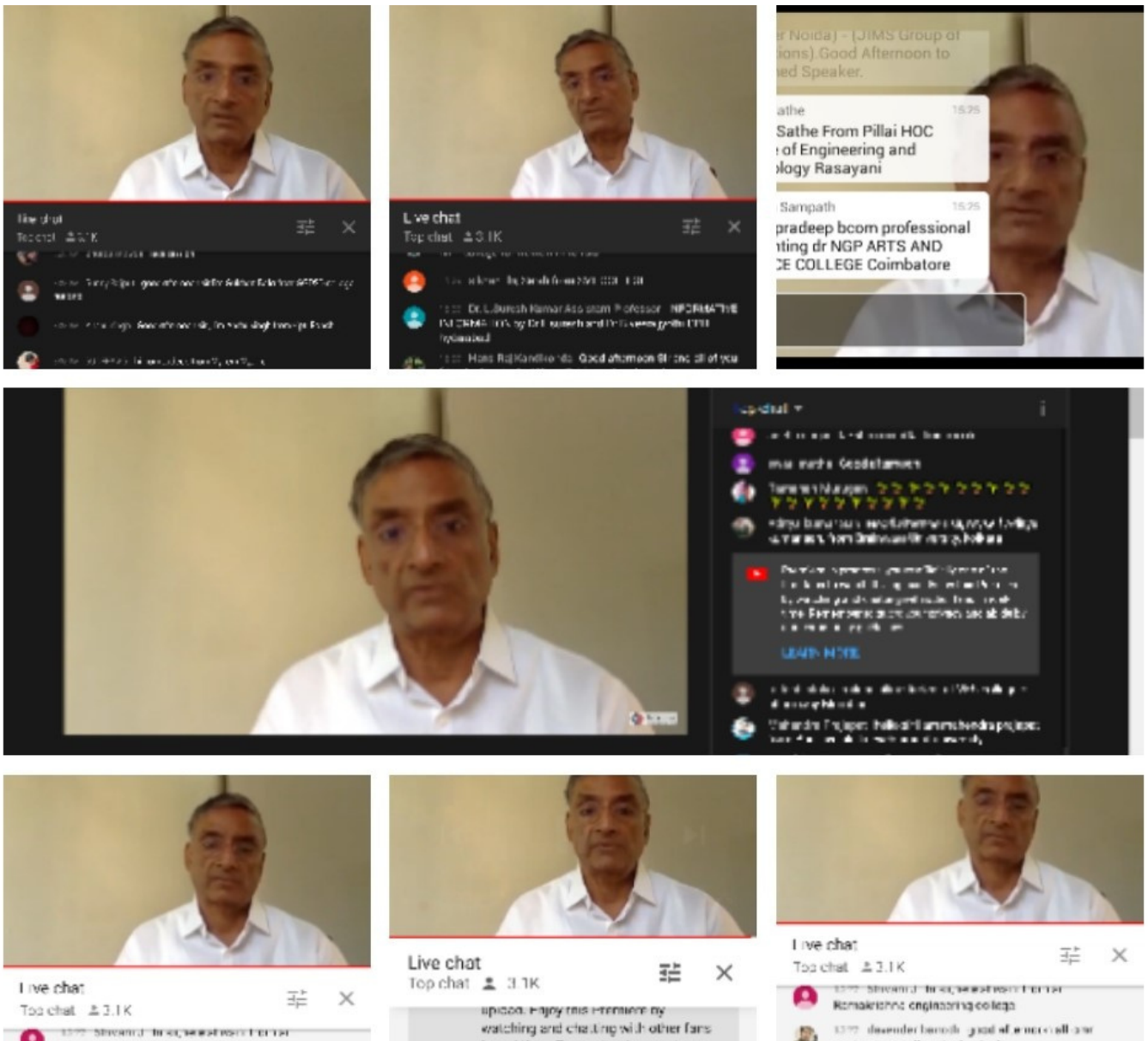
IIC Online Session - 10



Student Development Program

- IIC Online Session on Innovating Self- Screen and Identify right opportunities by MHRD's Innovation Cell on May 13, 2020

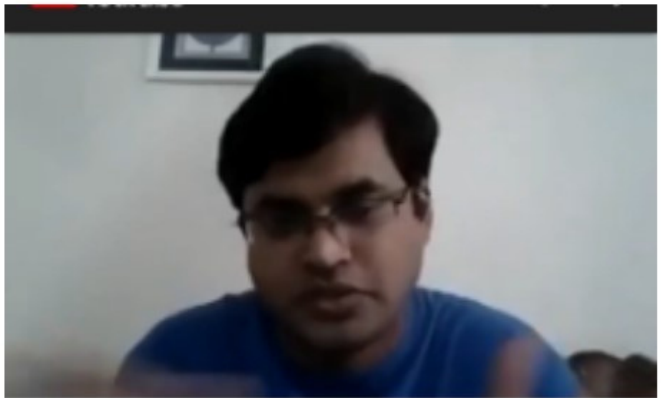
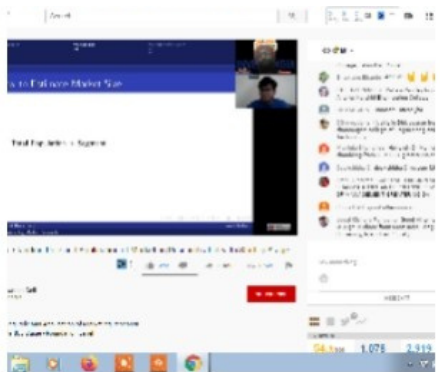
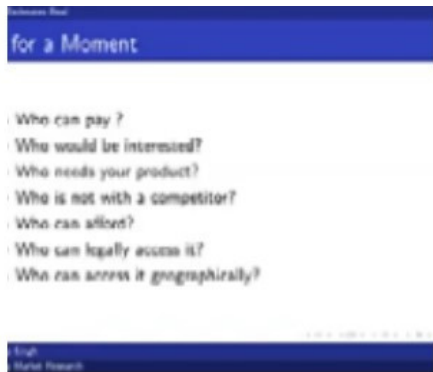
IIC Online Session - 11



Student Development Program

- IIC Online Session on Understanding Role and Application of Marketing Research at Idea to Start-up Stage - Foundation Level by MHRD's Innovation Cell on May 14, 2020

IIC Online Session - 12



Session 12 : Understanding Role and Application of Marketing Research at I



Student Development Program

- IIC Online Session on Innovation Risk Diagnostic: Product Innovation Rubric (PIR) by MHRD's Innovation Cell on May 15, 2020

IIC Online Session - 13

The collage consists of several overlapping screenshots:

- Zoom Meeting:** Two screenshots showing a woman with dark hair, wearing a white shirt and a patterned vest, speaking in a Zoom meeting. The background is a plain wall.
- YouTube Live Stream:** A central screenshot shows a video player with a black background and the word "STARTUP" in orange. Below the video is a "Live chat" window with a "Top chat" section showing 3.1K participants. Comments include: "Hi im from ksr Polytechnic College, tiruchengode....", "Good afternoon.Rajwinder kaur from Devki Devi Jain college for women Ludhiana Punjab.", and "A.Lavanya from Kg college of Arts and Science".
- YouTube Video:** A screenshot of a video player showing a thumbnail for a video titled "WHAT PRICE WILL THE PRODUCT SELL IN THE MARKET FOR?". The video has 501 comments. A comment from Raj Bhosale, a student of K.J Somaiya Institute of Engineering and Information Technology, is visible.
- YouTube Live Stream (Bottom):** Another screenshot of a YouTube live stream with a "Live chat" window showing 1.9K participants. Comments include: "good afternoon MGM I from gaya college of engineering, gaya", "Dr. Pratibha Pant, Department of Botany, Hansraj College, University Delhi", and "Aakanksha Padmanabhan Aakanksha Padmanabhan, Student of K.J Somaiya Institute of Engineering and Information Technology".

Student Development Program

- IIC Online Session on Launching a Business Plan and Launching Business by MHRD's Innovation Cell on May 19, 2020

IIC Online Session - 14

The collage consists of several overlapping screenshots from a live chat session. The central focus is a presentation slide titled "Idea, Entrepreneurship Opportunities, Business Model and Business Plan" by Dr. Satya Ranjan Acharya and Dr. Amit Kumar Dwivedi. The slide includes a table with the following content:

Model	Need of support	Complex
Innovation	Not necessary	Complex
Commercial	Partial - who internal	Commercial and legal external
Rate of growth	Linear	Exponential

Below the table, it says "Rate of growth: Linear Exponential".

Other screenshots show a video player with a play button and a progress bar at 0:02 / 57:18. There are also several chat windows with the following content:

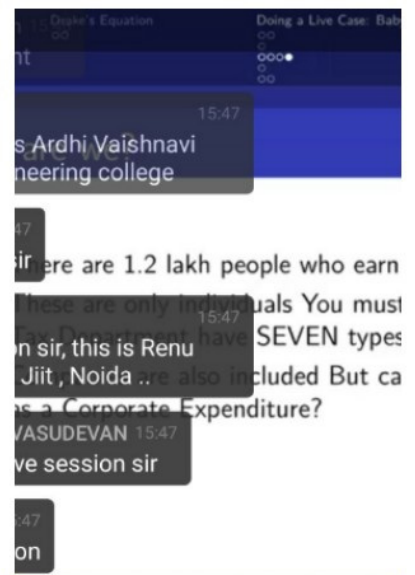
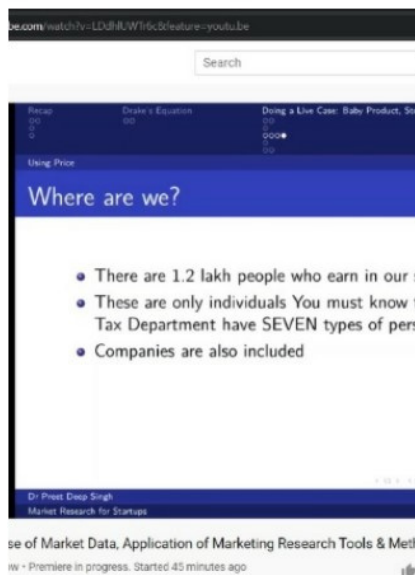
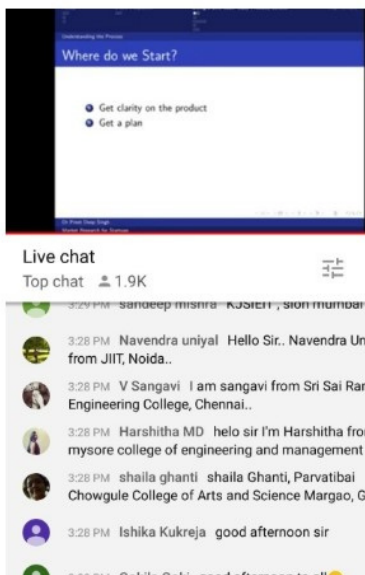
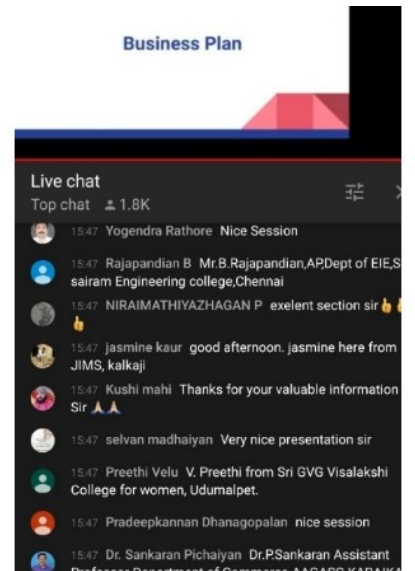
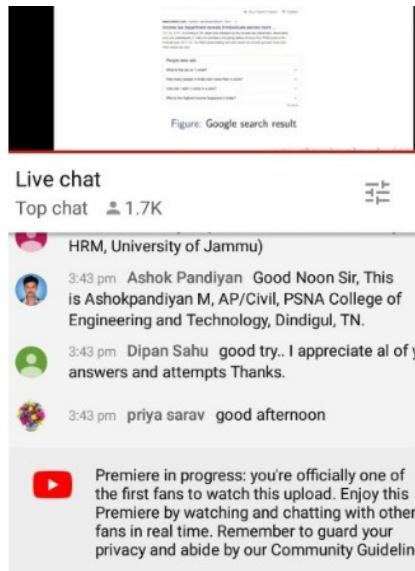
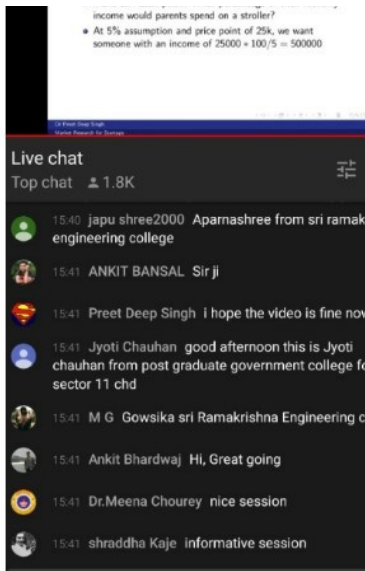
- Chat 1:** "Live chat Top chat 1.6K" with messages from Bina Lucas, ramesh kanagavel, SAI KALPANA, revaa naik, MEDHA P, Dr. Suresh Chandra Jangid, Amrapali Mhaigawali, Dr. Sarumathi S, and Vaanga Padikalam.
- Chat 2:** "Live chat Top chat 1.4K" with messages from Shubham Mishra, Vijay Pandey, Kannan G R, gambala kiran, Vaibhav Bhandari, Uma Mageswari, Sachin Kavathe, and Reshma RS.
- Chat 3:** "Live chat Top chat 1.7K" with messages from papiya chandra, Loveneet Kaur, Pritish Shubham, Dr GVT Gopala Krishna, and Shalini Sahay.
- Chat 4:** "Live chat Top chat 1.4K" with messages from RANGA RAJ R, M D MEGHARIMA DATTA, Rutvipatel_2027, Shreya Shetty, Prashant Dehankar, Indira Mukherjee, kathiravan k, AJAY CHAUDHARY, and D Aleeswari.

There are also screenshots of a video player showing a presentation slide with a logo and the text "MHRD".

Student Development Program

- IIC Online Session on Use of Market Data and Application of Marketing Research Tools and Methodology by MHRD's Innovation Cell on May 20, 2020

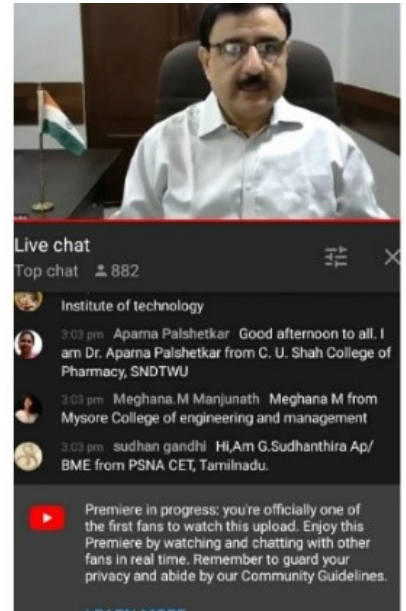
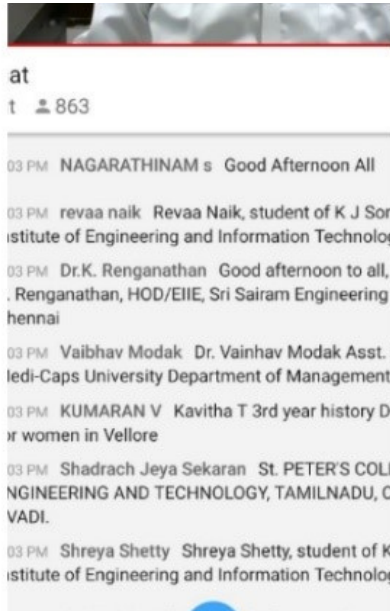
IIC Online Session - 15



Student Development Program

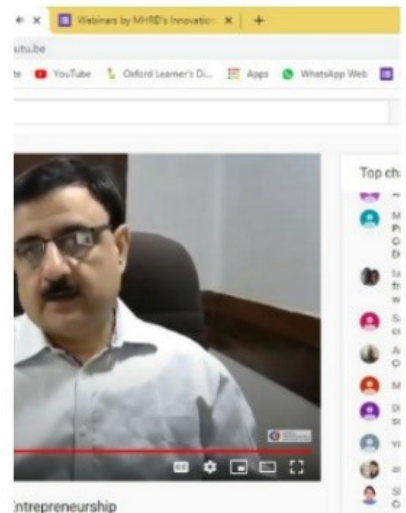
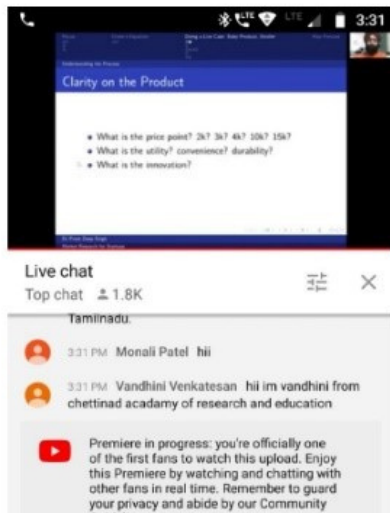
- IIC Online Session on Frugal Innovation and Social Entrepreneurship by MHRD's Innovation Cell on May 21, 2020

IIC Online Session - 16



of Options

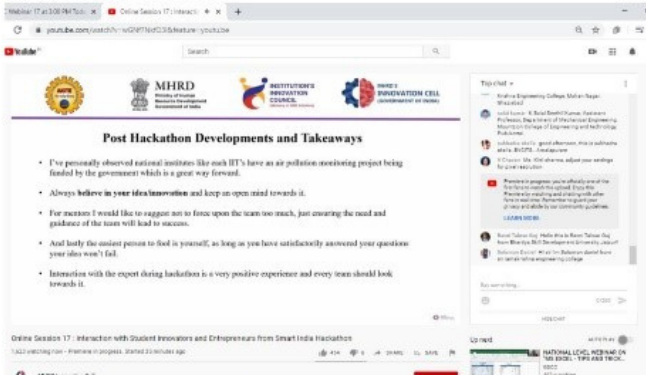
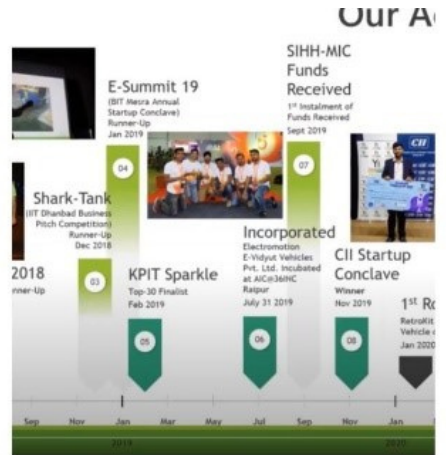
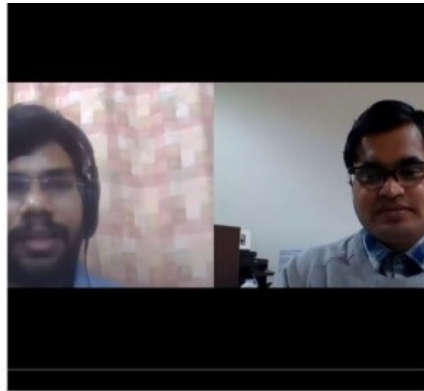
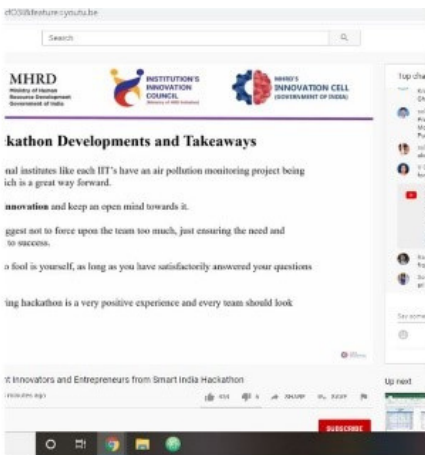
Price Point	High	Med
Positioning	Reliability / Convenience	Avail Free etc.
Utility	Flexibility, Brand	Quic tribu
Innovation	Needs Brand, little innovation	Need Inno
Durability	Complete for 1 kid or longer	2 kid
Segment	Rich with kids	Midc



Student Development Program

- IIC Online Session on Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH) by MHRD's Innovation Cell on May 22, 2020

IIC Online Session - 17



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