

# Department of Civil Engineering

## Cultural / Co-curricular/ Extra-curricular Activities

AY 2020-2021 (ODD Semester)

Departmental Activities Incharge: Prof. Satish Taji

### INDEX

Sr. No.	Activity Name	Activity Type (Workshop/ Conference/ Webinar etc.)	Start & End DD / MM / YY	Page Number
1	Webinar on Entrepreneurship	Webinar	14 <sup>th</sup> Sept. 2020	02 - 06
2	Start-ups Idea Competition for Atmanirbhar Bharat	Webinar	15 <sup>th</sup> Sept. 2020	07 - 11
3	Expert Talk on Competitive Exam Preparation	Expert Talk	10 <sup>th</sup> Oct. 2020	12 - 15
4	UPSC/MPSC Preparation	Expert Talk	19 <sup>th</sup> Oct. 2020	16 - 20



**Activity Report**  
**Of**  
**Webinar on Entrepreneurship**  
**on**  
**‘14<sup>th</sup> Sept 2020’**  
**Organized by,**  
**Shri Vile Parle Kelavani Mandal’s**  
**Institute of Technology,**  
**Dhule**

**In association with**  
**Civil Engineering Dept.**

## **Activity Report**

**Objective:** To inculcate students and faculties with advance tools of Entrepreneurship

**Name of Program:** Webinar on Entrepreneurship

**Date:** '14<sup>th</sup> Sept 2020'

**No of Student attended:** 120

**Event Conduction Duration** – 09.30 am to 11.30 am

**Event Venue** – MS Team live

**Convener:** Mr. Yogesh Bafna.

**Organizing Team:** 1. Ms. Sanchita Nawale.

2. Mr. Onkar Vaidya

### **Event Outline**

The Civil Engineering Students Association Shri Vile Parle Kelavani Mandal's IOT conducted a Programme "Civil Engineering: Entrepreneur & Entrepreneurship Basics" Sept 14 2020. The workshop was conducted by industry experts Prof. Rajendra Agarwal (Assistant Professor NMIMS SOC). The Programme began at 09:30 am on 14th Sept 2020 with the inauguration of the workshop. The dignitaries on the dias included the guests as well as the Principal SVKM IOT, Prof. Nilesh Salunke. The students were then taught the basics of: In this session experts from different domain had talk on their business ideas with students

**Outcomes:** Participants learned:

The main objectives of the event were:

- 1) The students should be able to put theoretical knowledge into practical.
- 2) To increase the ability of the students to work as a team
- 3) To bridge a gap between current market requirement and academics.

## Concept of Entrepreneurship

Entrepreneurship is the ability and readiness to develop, organize and run a business enterprise, along with any of its uncertainties in order to make a profit. The most prominent example of entrepreneurship is the starting of new businesses.



In economics, entrepreneurship connected with land, labor, natural resources and capital can generate a profit. The entrepreneurial vision is defined by discovery and risk-taking and is an indispensable part of a nation's capacity to succeed in an ever-changing and more competitive global marketplace.

## Meaning of Entrepreneur

The entrepreneur is defined as someone who has the ability and desire to establish, administer and succeed in a startup venture along with risk entitled to it, to make profits. The best example of entrepreneurship is the starting of a new business venture. The entrepreneurs are often known as a source of new ideas or innovators, and bring new ideas in the market by replacing old with a new invention.

It can be classified into small or home business to multinational companies. In economics, the profits that an entrepreneur makes is with a combination of land, natural resources, labor and capital.

## What are the 4 Types of Entrepreneurship?

It is classified into the following types:

### ***Small Business Entrepreneurship-***

These businesses are a hairdresser, grocery store, travel agent, consultant, carpenter, plumber, electrician, etc. These people run or own their own business and hire family members or local employee. For them, the profit would be able

to feed their family and not making 100 million business or taking over an industry. They fund their business by taking small business loans or loans from friends and family.

### ***Scalable Startup Entrepreneurship-***

This start-up entrepreneur starts a business knowing that their vision can change the world. They attract investors who think and encourage people who think out of the box. The research focuses on a scalable business and experimental models, so, they hire the best and the brightest employees. They require more venture capital to fuel and back their project or business.

### ***Large Company Entrepreneurship-***

These huge companies have defined life cycle. Most of these companies grow and sustain by offering new and innovative products that revolve around their main products. The change in technology, customer preferences, new competition, etc., build pressure for large companies to create an innovative product and sell it to the new set of customers in the new market. To cope with the rapid technological changes, the existing organizations either buy innovation enterprises or attempt to construct the product internally.

***“An entrepreneur is a person who functions as an innovator, manager and co-coordinator.”***

The term “entrepreneur” was applied to business initially by the French economists can till on, in the 18th century to designate a dealer who purchases the means production for combining them into marketable products. The emergence of the entrepreneurial society may be major turning point in history. Only the entrepreneurs create capital, wealth and resources in a country there inventive and risk-taking behavior. They are the prime movers of industrial development in a country. Fact entrepreneurs are the builders of a nation and erectors of humanity their innovative vision, dynamic eider ship and creative decision behavior.



## EVOLUTION OF THE WORD ENTREPRENEUR



**Activity Report**  
of  
**Start-ups Idea Competition**  
for  
**Atmanirbhar Bharat**

on  
**‘15<sup>th</sup> September 2020’**

**Organized by,**  
**Start-ups, Innovation and Enterprise Cell,**  
**Shri Vile Parle Kelavani Mandal’s**  
**Institute of Technology,**  
**Dhule**

# **Activity Report**

**Aim:** To foster the innovative ideas from mind of students.

**Objective:** To provide a platform to present ideas related start-ups and encourage the idea of Intellectual property rights.

**Name of Program:** Start-ups Idea Competition for Atmanirbhar Bharat

**Date:** 15<sup>th</sup> September 2020

**Convener:** Dr. Shrikant Randhavane

**FDP Coordinator:** Mr. Sandeep Ushkewar

**Organizing Team:** All members of SIE Cell

**Participants:** Students from different disciplines.

Engineering is one of the key influences that shapes our society. Engineers don't just work with machines, designs and electronics, they use maths and science to provide innovation and inventions that shape our society and improve the way we live and work. On account of this 53<sup>rd</sup> Engineers Day which is celebrated as birth anniversary of Sir M. Visvesvaraya; a Start-up ideas competition for Atmanirbhar Bharat is being organized.

As we are all aware that Startup India is a flagship initiative of the Government of India, intended to build a strong eco-system for nurturing innovation and Startups in the country that will drive sustainable economic growth and generate large scale employment opportunities. The Government through this initiative aims to empower Startups to grow through innovation and design. Atmanirbhar Bharat (English: Self-reliant India and self-sufficient India) is the vision of the honorable Prime Minister of India Narendra Modi of making India a self-reliant and self-sufficient nation. Therefore, with moto to inculcate, motivate and ignite the spark in young minds; a competition with blend of both Startup India and Atmanirbhar Bharat is organized by Start-ups, Innovation & Enterprise (SIE) Cell of SVKM's Institute of Technology, Dhule.

Honorable principal Dr. N. P. Salunke carried out the inauguration on online platform. Dr. S. B. Randhavane, CEO, SIE cell, introduced with the format of competition and conveyed the necessary information for participants.



Total 14 entries from 24 participants has received from various colleges in nearby region of Dhule. Students from class 12<sup>th</sup> to graduation level have participated in competition.

**SVKM** | **आत्मनिर्भर भारत**

## “Start-ups ideas competition for Atmanirbhar Bharat”

On the occasion of **Engineer's Day** Start-ups, Innovation & Enterprise cell of SVKM'S IOT Dhule invites the start-up ideas from innovative minds on the theme of "Atmanirbhar Bharat".

**Prizes**  
1<sup>st</sup>: ₹ 2500/-  
2<sup>nd</sup>: ₹ 1100/-

Register here: <https://forms.gle/D4ZaLEKxcAfeTLvk7>  
Find proposal format: <http://www.svkm-iot.ac.in/sie-cell/>

Last Date of Submission of softcopy of proposals  
**15<sup>th</sup> September 2020**  
All participants will get E-certificate on their registered email address  
**Best & eligible proposal will be assisted for IPR & copyright filling.**

Eligibility:- **Students from any School, Junior colleges, Polytechnic, Engineering Institutes.**

Submit proposal to:  
**Prof. Sandeep Ushkewar**  
(Mob no. 9970045518)  
Email - [Sandeep.Ushkewar@svkm.ac.in](mailto:Sandeep.Ushkewar@svkm.ac.in)  
**Dr. Shrikant Randhavane**  
(Mob no. 9665564566)  
Email - [Shrikant.Randhavane@svkm.ac.in](mailto:Shrikant.Randhavane@svkm.ac.in)

**Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule**

Inaugural Ceremony for Start-ups Ideas Competition for Atmanirbhar Bharat.

18:33

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#)

Request control

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Participants

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Presenters (4)

- Shrikant Randhavane (Dr.) Organizer
- GP Gaurav Patil
- Nilesh Salunke (Dr.)
- Sandeep Ushkewar

Attendees (43)

- AKSHAY PATIL3 - 14003185...
- Baoweshwar Jirwankar
- BHOJRAJ JADHAV - 140051...
- Bhushan Behede
- Bhushan Chaudhari (Dr.)
- Bhushan Nandwa
- Chandu Koli

WELCOME TO INAUGURAL CEREMONY OF "Start Ups Ideas Competition For Atmanirbhar Bharat" SVKM'S IOT, DHULE SIE CELL

Sandeep Ushkewar

+37

TS NJ SP GP MJ

Sandeep Ushkewar Gaurav Patil Mohammed Junedud... Nilesh Salunke (Dr.)

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ENG 10:56 15-09-2020

Inaugural Function on MS Teams

### Conduction of competition:

For publicity of competition, above poster and registration link are circulated through various online platforms like WhatsApp groups, WhatsApp status, website, social media platforms, etc. The entries are called up to 15 September 2020, Engineer's day.

Received proposals have circulated to juries for scrutiny of stage I. The scrutiny process of stage I has done by masking the front pages of proposal containing the personal information of participants, to maintain confidential and unbiased evaluation. The top five proposals have selected for stage II evaluation in which participants had represented their ideas through presentation. After stage I and stage II evaluation, following participants are announced as winner for competitions and are eligible for said prizes;

Prize	Name of participants	Name of institute	Title of start-up idea
<b>First prize</b> (Cash ₹ 2500/-)	Bhojraj Pravin Jadhav	SVKM's Institute of Technology, Dhule	EVERS ECOMMERCE PRIVATE LIMITED
	Umesh Pratap Patil		
	Sarang Pundalik Chaudhari		
<b>Second prize</b> (Cash ₹ 1100/-)	Deepak Yogesh Patil	SVKM's Institute of Technology, Dhule	SMART COVER FOR SMARTPHONE PROTECTION
<b>Eligible for Copyright/IPR</b> (Cash ₹ 500/-)	Shubham Kashinath Pawar	SVKM's Institute of Technology, Dhule	FAST CHARGER FOR ELECTRIC VEHICLES

E-certificates has distributed to all participants via email.



Shri Vile Parle Kelavani Mandal's  
**Institute of Technology, Dhule**  
**Start-ups, Innovation & Enterprise Cell**

**CERTIFICATE OF PARTICIPATION**

This certificate is presented to

**Mr./Ms. Gauri Prashant Morankar**

Of SVKM's Institute of Technology, Dhule

for participation in "Start-ups ideas competition for Atmanirbhar Bharat" organized by  
Start-ups, Innovation & Enterprise Cell of Shri Vile Parle Kelavani Mandal's Institute of  
Technology, Dhule on the occasion of "Engineer's Day "  
15<sup>th</sup> September 2020



( Prof. Sandeep Ushkewar )  
SIE Cell, Coordinator

( Dr. Shrikant Randhavane )  
CEO, SIE Cell

( Dr. Nilesh Salunke )  
Principal, SVKM IOT Dhule



**Activity Report**  
of  
**Expert Talk on Competitive Exam  
Preparation**  
on  
**“October 10<sup>th</sup>, 2020”**

**Organized by,  
Civil Engineering Department  
Shri Vile Parle Kelavani Mandal's  
Institute of Technology,  
Dhule**

**In Collaboration with  
Civil Engineering Students Association  
(CESA)**

# **Activity Report**

**Objective:** To motivate students for the preparation of competitive examinations

**Name of Program:** Competitive Exam Preparation

**Date:** “October 10<sup>th</sup>, 2020”

**Event Conduction Duration** – 02.10 Pm to 3.30 Pm

**Event Venue** – MS Team live

**No of Attendees:** 90

**Convener/ Organizing Team:** Civil Engineering Dept.

## **Event Outline**

The Civil Engineering Students Association Shri Vile Parle Kelavani Mandal’s IOT conducted a Program on “Civil Engineering: Competitive Exam Preparation” “October 10<sup>th</sup>, 2020”. The workshop was Deliver by IIT experts Mr. Vishvesh Kodihal (MTech. Geoinformatics IIT Bombay 71.22/100 AIR 740). The Programme began at 2:10 pm on “October 10<sup>th</sup>, 2020” The students were then taught the basics of Competitive Exam: In this session, experts from different domain had talk on their Questions ideas with students.

**Outcomes:** Participants learned:

The main objectives of the event were:

- 4) The ability to analyze a problem and to identify the appropriate computing requirement.
- 5) The ability to face the test and interview conducted by different companies and succeed.
- 6) The ability to succeed in competitive exams (GATE / GRE / PSU’s).

## Concept of GATE

The GATE score of a candidate reflects the relative performance level of a candidate. The score is used for admissions to various post-graduate education programs (e.g. Master of Engineering, Master of Technology, Master of Architecture, Doctor of Philosophy) in Indian higher education institutes, with financial assistance provided by MHRD and other government agencies. Recently, GATE scores are also being used by several Indian public sector undertakings for recruiting graduate engineers in entry-level positions. It is one of the most competitive examinations in India.

**Civil engineering** is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewerage systems, pipelines, structural components of buildings, and railways.

Civil engineering is traditionally broken into a number of sub-disciplines. It is considered the second-oldest engineering discipline after military engineering, and it is defined to distinguish non-military engineering from military engineering.<sup>[4]</sup> Civil engineering can take place in the public sector from municipal public works departments through to federal government agencies, and in the private sector from locally based firms to global Fortune 500 companies

### **Step 1: Make a Study Schedule to Track Your GATE Preparation**

- Enables you to keep a consistent track of daily, weekly and monthly activities.
- Helps you monitor your progress.
- Keeps you focused and well organized.
- Gives you a sense of direction to achieve your set goals and targets.

### **Step 2: Find Your Strengths and Weakness to Boost GATE Preparation**

After making a GATE study plan, the second step is crucial for GATE preparation in order to understand your strengths and weaknesses. Being good in one subject might not necessarily mean that you may be good in other subjects too. In such a scenario, you must focus on how you can maximize the probability of increasing your GATE score. Building on your strengths and sailing through the weaknesses can be the best GATE exam strategy you can follow.

### **Is it Possible for an Average Student to Crack GATE?**

Yes. Every exam is different, and it is not advisable to estimate your capabilities based on previous experiences. Over the years, there have been a number of students who have secured AIR 50 – 100 ranks in GATE, and these students were just average learners at the graduate level. Therefore, do not underestimate your capabilities, and go ahead with the exam preparation. In order to improve your concentration level, practicing yoga/meditation is recommended.

### **Is it Easy for Toppers to Crack GATE?**

Every person has his/her own set of abilities and intelligence, and it is not advisable to compare yourself with others. You have your own capabilities depending on your caliber. How much you have learnt or studied does not matter with regard to GATE preparation. It depends on the quality time you have spent on the exam preparation. The success of a person in GATE depends on the quality time he/she has spent on the exam preparation and revision.

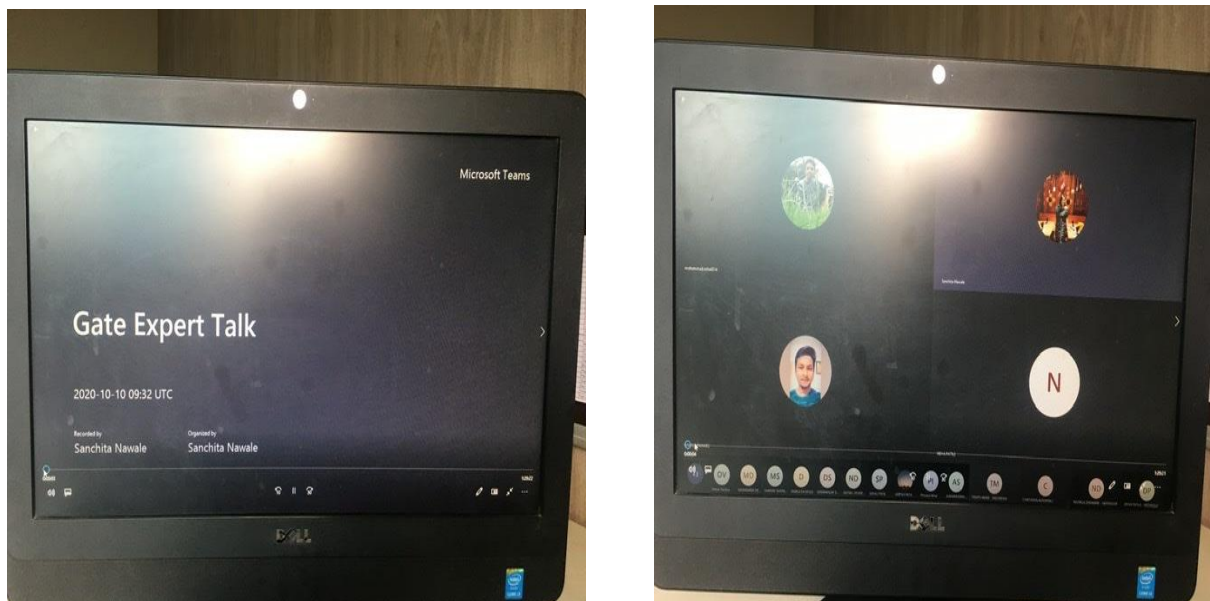


Photo Proof of the program



# **Activity Report**

of

## **Expert Talk on UPSC/MPSC**

on

**“October 19<sup>th</sup>, 2020”**

**Organized by,**

**Civil Engineering Department  
Shri Vile Parle Kelavani Mandal’s  
Institute of Technology,  
Dhule**

**In Collaboration with**

**Civil Engineering Students Association  
(CESA)**



# **Activity Report**

**Objective:** To Inculcate students For UPSC/MPSC Preparation

**Name of Program:** UPSC/MPSC Preparation

**Date:** “October 19<sup>th</sup>, 2020”

**Event Conduction Duration** – 03.30 pm to 4.45 pm

**Event Venue** – MS Team live

**No of Attendees:** 120

**Convener/ Organizing Team:** Civil Engineering Dept.

## **Event Outline**

The Civil Engineering Students Association Shri Vile Parle Kelavani Mandal’s IOT conducted a Programme “Civil Engineering: “UPSC/MPSC Preparation” October 19<sup>th</sup>, 2020. The workshop was Deliver by experts Mr. Saurabh Sonawane (**Educator chief Unacademy**). The Programme began at 3:30 pm on “October 19<sup>th</sup>, 2020” with the inauguration of the workshop. The students were then taught the basics of UPSC/MPSC: In this session, experts from different domain had talk on their Questions ideas with students.

**Outcomes:** Participants learned:

The main objectives of the event were:

- 7) The knowledge of computing appropriate to the discipline.
- 8) The ability to analyze a problem and to identify the appropriate computing requirement.
- 9) To motivate students towards higher studies in Technology or Management

depending on their inclination & aptitude.

## What is IAS, IPS, IFS?

First part is that whatever you want to prepare, for example IAS, IPS or IFS the system of exam is same. You have to appear for exam that is called the Civil Services Examination or now a days it is called CSAT (Civil Services Aptitude Test). So if you want to appear for IAS, IPS or IFS that means you have to appear for CSAT exam. This exam is conducted by a Board or Commission that is UPSC (Union Public Service Commission), So frequently it is called as UPSC exam also. But not only this exam conducted by UPSC, variety of other exams also conducted by UPSC like CDS (Combined Defence Service), NDA (National Defense Academy) etc.

## In what way a person can become IAS officer?

There are two ways to become an IAS officer. If a persona already working as Civil Servant and by promotion he/she can become IAS officer. Another way is to directly appointed as IAS officer through this type of examination.

The Maharashtra Public Service Commission (MPSC) sets the eligibility criteria for the various exams conducted by it. In this article, we will give the MPSC age limit, educational qualification, physical fitness criteria for the MPSC State Service Exam 2020, and eligibility related information for other exams.

### Information related to **MPSC Exam 2020**:

1. The MPSC conducts several exams such as
  1. Maharashtra Subordinate Services Exam (Prelims and Mains)
  2. Maharashtra Agriculture Services Examination
  3. Maharashtra Group C Services Exam (Prelims and Mains)
2. For MPSC exams, the candidates have to apply online via their official website – <https://mpsc.gov.in/>
3. **MPSC State Service Exam** (or MPSC Rajyaseva Exam) is held on a yearly basis to recruit for Group A and Group B vacancies in the Maharashtra administration.
4. The MPSC State Service Exam Pattern is:
  1. Prelims – 2 papers – 400 marks
  2. Mains – 6 papers – 800 marks
  3. Interview – 100 marks

## MPSC Exam Age Limit

The MPSC age limit for the State Service Exam 2020 is:

- **Minimum Age** (as on April 1, 2020): 19 years
- **Maximum Age** (as on April 1, 2020): 38 years (General Category)

As per the rules governing the conduct of the examination, there are different relaxations in age criteria as per the category.

MPSC age limits for backward classes, ex-servicemen, qualified players and persons with disabilities are mentioned below:

1. Backward Classes Minimum Age Limit for MPSC – 19; Maximum – 43
2. Ex-Servicemen Minimum Age Limit for MPSC – 19; Maximum Age Limit for Ex-Servicemen (General Category) – 43; Maximum Age Limit for Ex-Servicemen (Backward Classes) – 48
3. Qualified players Minimum Age Limit for MPSC is 19; Maximum Age Limit for them as General Category candidates and as Backward Class candidates is 43
4. Persons with disability Minimum Age Limit for MPSC – 19; Maximum Age Limit – 45

Candidates must satisfy the following conditions to be eligible for the UPSC IAS Exam:

**Nationality for IAS exam:** Must be a citizen of India, a person of Indian origin or a subject of Nepal, Bhutan or Tibet settled in India before 1st January 1962.

**Education Qualification for IAS exam:** Candidate must hold a Graduate Degree from a recognized University.

**UPSC Age limit for IAS exam:** Candidate must be a minimum of 21 years of age and must not be more than 32 years of age.

#### **Category wise UPSC age limit, relaxation and maximum attempts-**

1. General Category & EWS: 32 years; 6 attempts.
2. OBC (with certificate): 32 years + 3 years; 9 attempts.
3. SC/ST: 32 years + 5 years; unlimited attempts.
4. Physically Disabled: 32 years + 10 years; Gen/OBC/Person with Benchmark Disability (EWS category)- 9 attempts & SC/ST unlimited attempts.
5. Jammu & Kashmir Domicile: 32 years + 5 years + (3 years, if OBC OR 5 Years, if SC/ST); Number of attempts depends on the reserved category.
6. Disabled and discharged Defence service personnel: 32 years + 3 years + (3 years, if Gen/OBC OR 5 years, if SC/ST)

7. Ex-Servicemen Commission Officer: 32 years + 5 years + (3 years, if OBC OR 5 Years, if SC/ST)

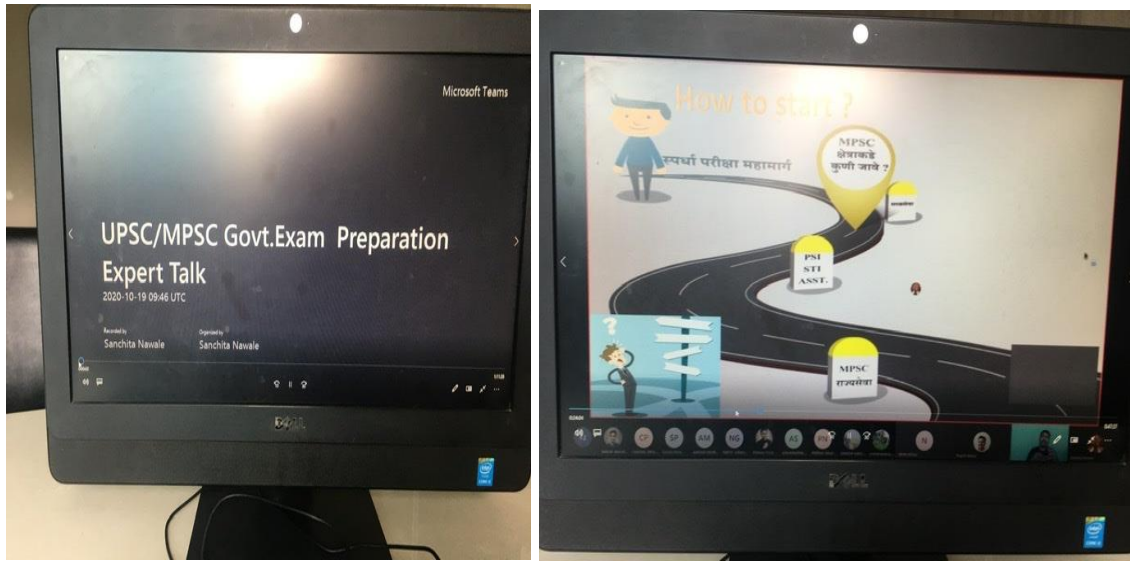


Photo Proof of UPSC/MPSC Expert Talk