

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following :

1. Soft skills, 2. Language and communication skills, 3. Life skills, 4. ICT/computing skills

NAAC Metrics No.	Year	Sr. No	Details of Documents
5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following : 1. Soft skills, 2. Language and communication skills, 3. Life skills, 4. ICT/computing skills			
5.1.3	2020-21	1.Soft Skills	1.1 Communication and Personality Development Activity Date wise Data Student Count
			1.2 Special Session Communication Skill Date wise Data Student Count
			1.3 Enhancement Sessions for Employability Skills. Date wise Data Student Count
		2. Language and communication skills	2.1 Developing communication skills for a successful career. Date wise Data Student Count
		3. Life skills	3.1 Yoga Day Celebration Date wise Data Student Count
			3.2 Meditation by students during the exam Date wise Data Student Count
		4. ICT/computing skills	4.1 Python Problem Solving Webinar Date wise Data Student Count
			4.2 Webinar on Parallel Computing Date wise Data Student Count
			4.3 Online Webinar on Current IT Trends Date wise Data Student Count
			4.4 Webinar cum Workshop on Cyber Security with hands-on Practical Date wise Data Student Count

			4.5 Webinar on Mobile Communication Components and Context Date wise Data Student Count
			4.6 Online Webinar Series on Project Development (MMS) Date wise Data Student Count
			4.7 Webinar on Wireless Sensor Networks Date wise Data Student Count
			4.8 Project Development Workshop for UG Date wise Data Student Count
			4.9 Webinar on Recent Trends in IoT using Raspberry Pi Date wise Data Student Count
			4.10 Six Days Online Python Training Program by Global Talent Track, Pune Date wise Data Student Count
			4.11 Project Development Workshop Date wise Data Student Count
			4.12 Pre-IT Workshop for MCA and IMCA Date wise Data Student Count
			4.13 Webinar on Digital Marketing: Future of online business Date wise Data Student Count
			4.14 IT Development Technical Webinar by Internmeet Date wise Data Student Count
			4.15 Online E-Resources Awareness Program (UG) Date wise Data Student Count

1. SOFT SKILLS

1.1. Communication and Personality Development Activity:



This Communication and Personality Development Activity was organized by Mr. AmulTamboli. For the BCA 3rd, BBA 3rd, BMS 3rd. Total **456 students** benefited from this program through various activities.

This Program helps students to improve their interview skills and also how to face interviews and developing a specific skill or behavior, or increasing your knowledge in a particular area.

How to answer the Questions which are asked by the interviewer? Students this activity helps students to build up their self-confidence.

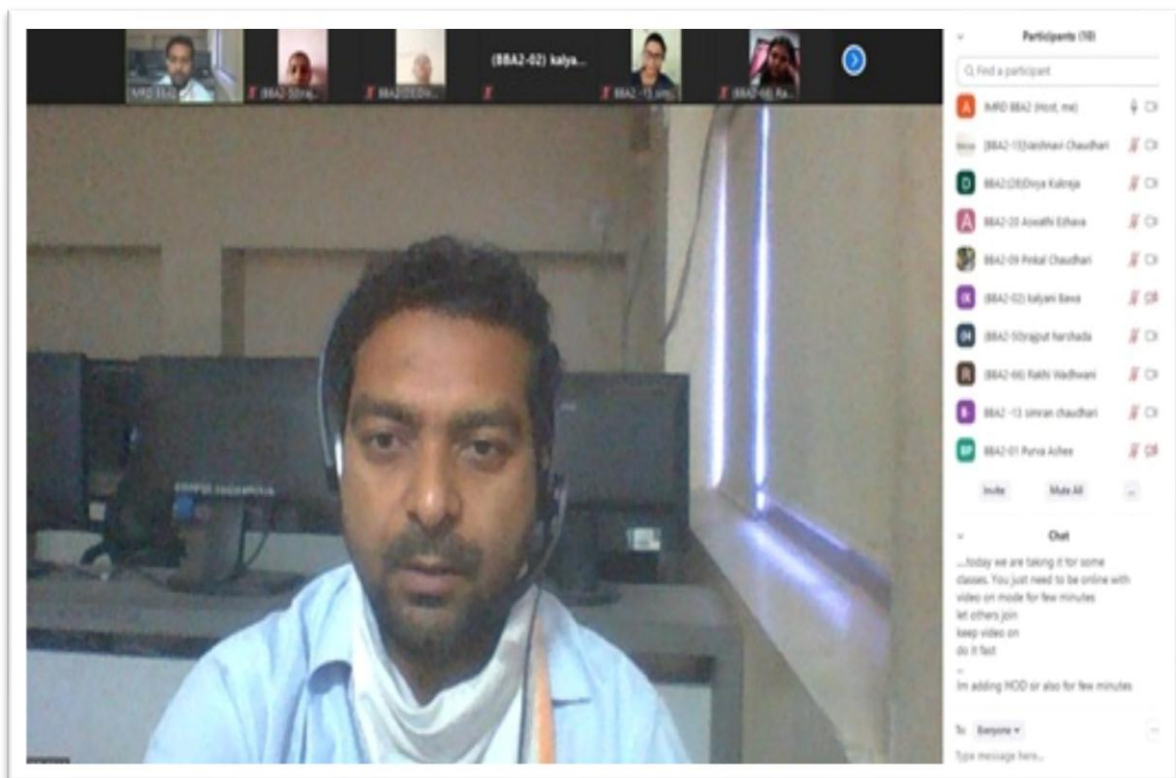
Personal development goals are objectives you set to improve your character, skills and capabilities. Setting these goals involves assessing yourself and identifying the areas in which you can improve to maximize your potential. To get started with personal development, you should create a plan with actionable steps. These steps will help you measure your improvement and keep you focused on your target.

Reading more is a great personal development goal because it has many benefits, including that it is a means of education. There are books on all subjects, including areas related to professional fields. Invest in them and create a reading schedule for yourself. Furthermore, reading is a means

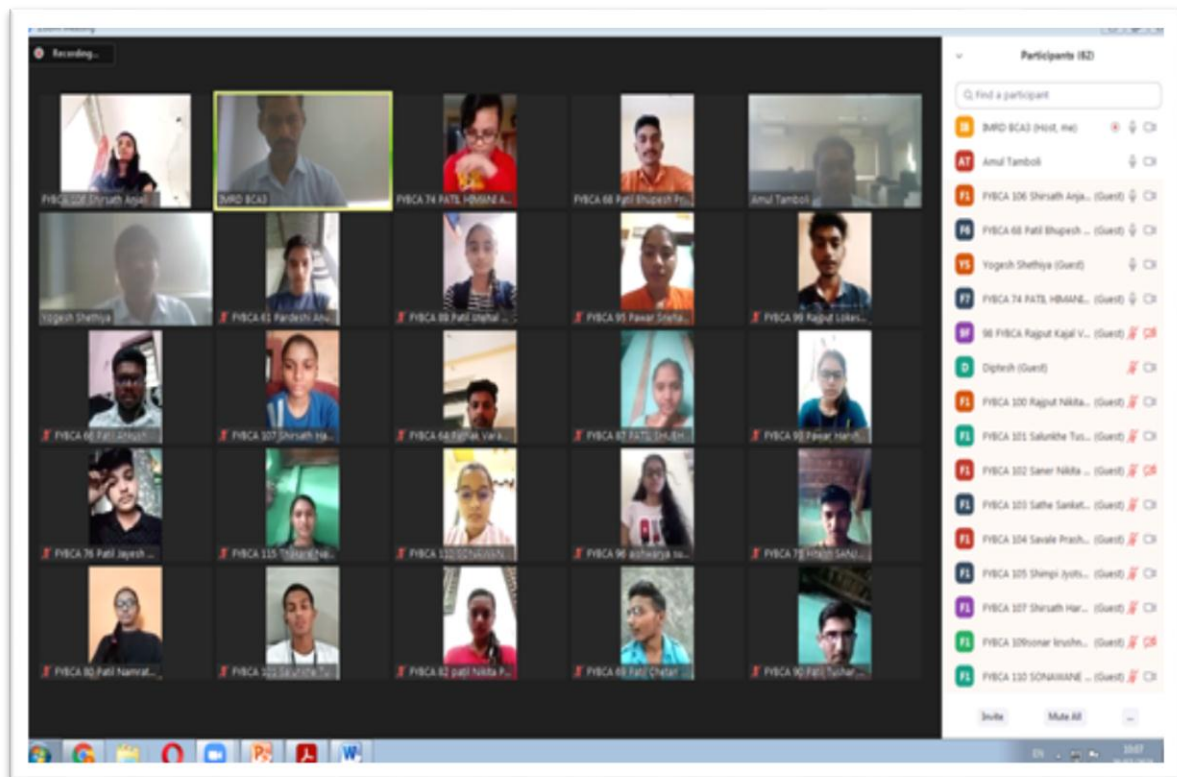
of opening yourself to the experiences of others. This gives you multiple perspectives on the world and informs the decisions you make. Altogether, this improves your competence in the workplace. Personality Development should start early in a student's life which is a true reflection of their inner being. It can be defined as a set of traits that shape the inner and outer being in a person with organized pattern of behavior that makes a person distinctive.

There are many goals you could set to begin a personal development plan. Consider choosing one of these common personal development goals:

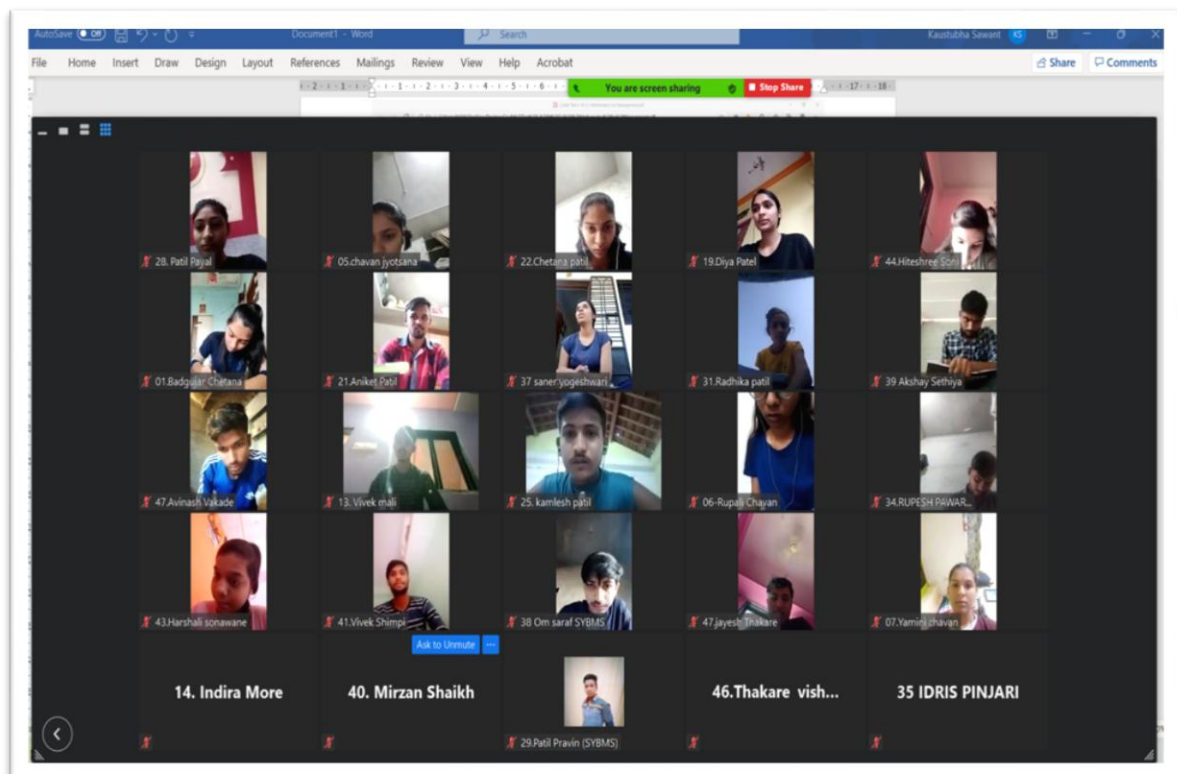
- Improve your time management.
- Develop emotional intelligence.
- Cultivate resilience.
- Listen actively.
- Develop a growth mindset.
- Develop a reading habit.
- Learn new things.
- Improve your public speaking skills.
- Meet new people.



**Communication and Personality Development Activity was organized by
Mr. Amul Tamboli**



Students Participated in activity.



Students perform activity which is taken by Mr. Amul Tamboli.

1.2. Special Sessions on Communication Skill.

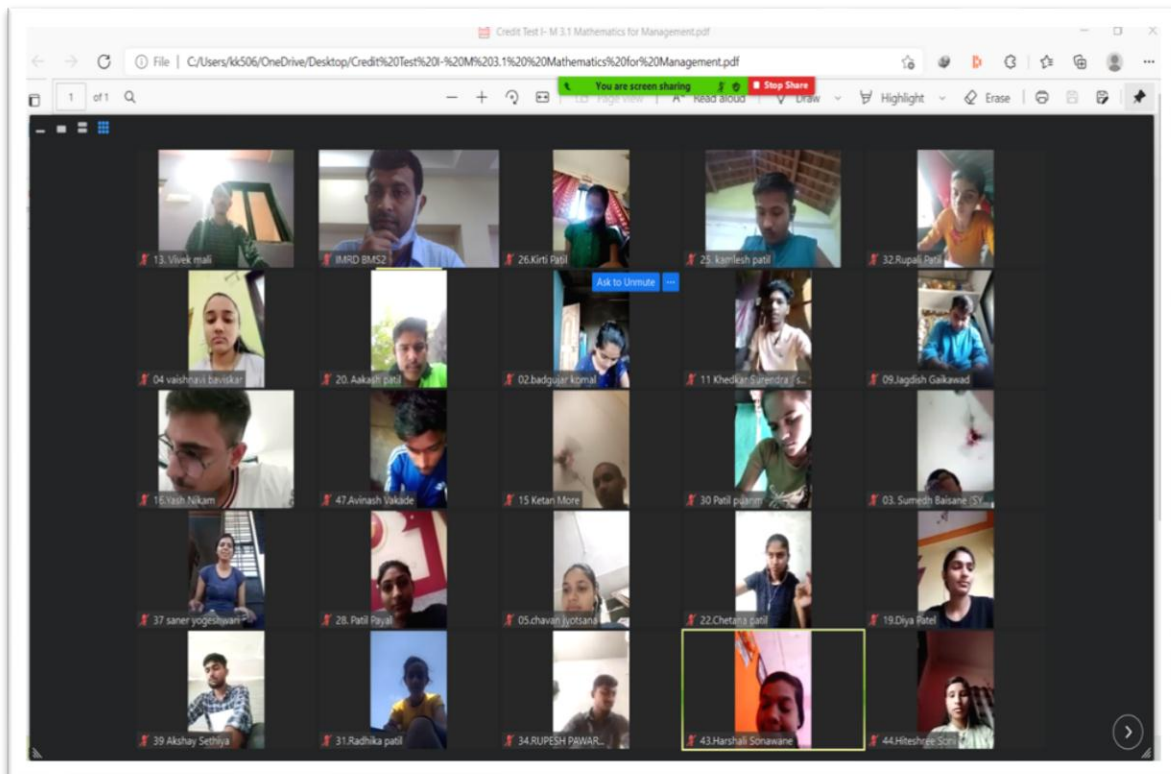


This “Special Session Communication Skill” program was organized by Mr. Kaustubha Sawant for the BMS^{1st} year total **49 students** were benefited. The best communicators listen actively, inspire people, help them to take effective action, and remove obstacles to their understanding. Communication skills refer to their abilities to give and receive information effectively.

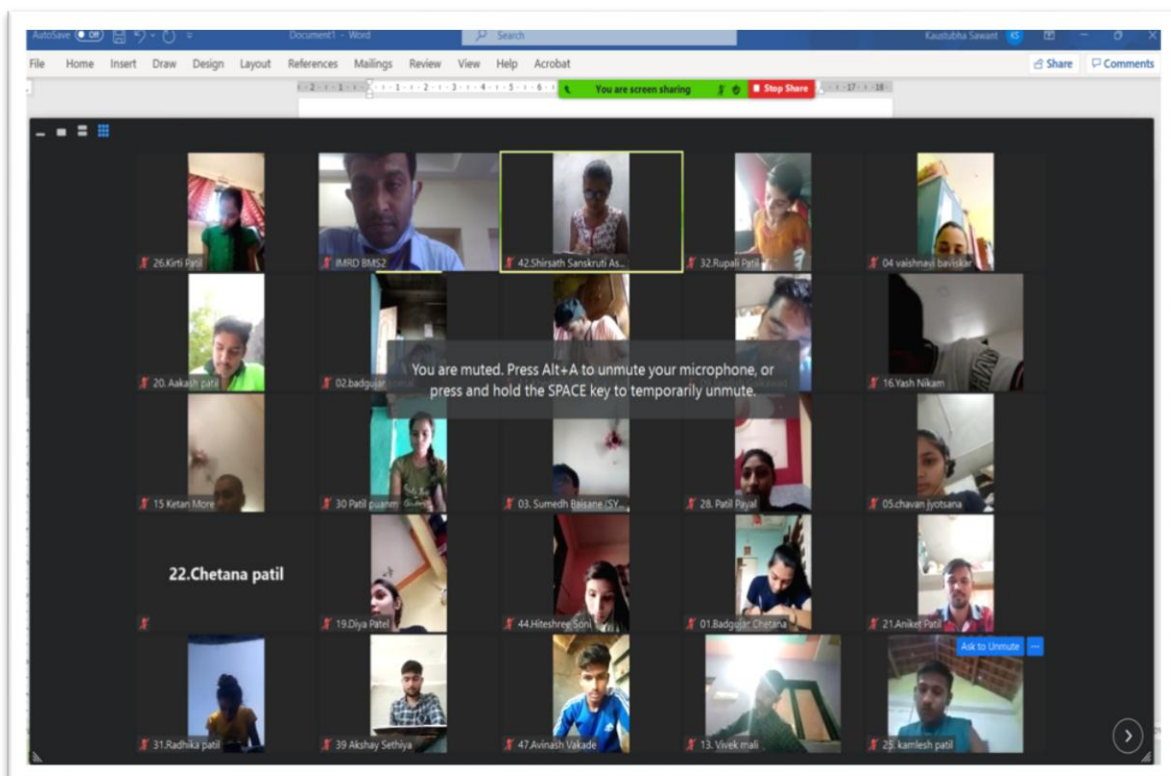
A good public speaker is clear, confident and engaging. Public speaking is important to the workplace because you may have to address your team in a briefing, deliver a presentation to the board or pitch to prospective clients. You can join an organization or take a class to advance your public speaking skills.

Being a good communicator involves a number of different skills, but there’s a unifying theme between them all they make working with others much easier and more streamlined.

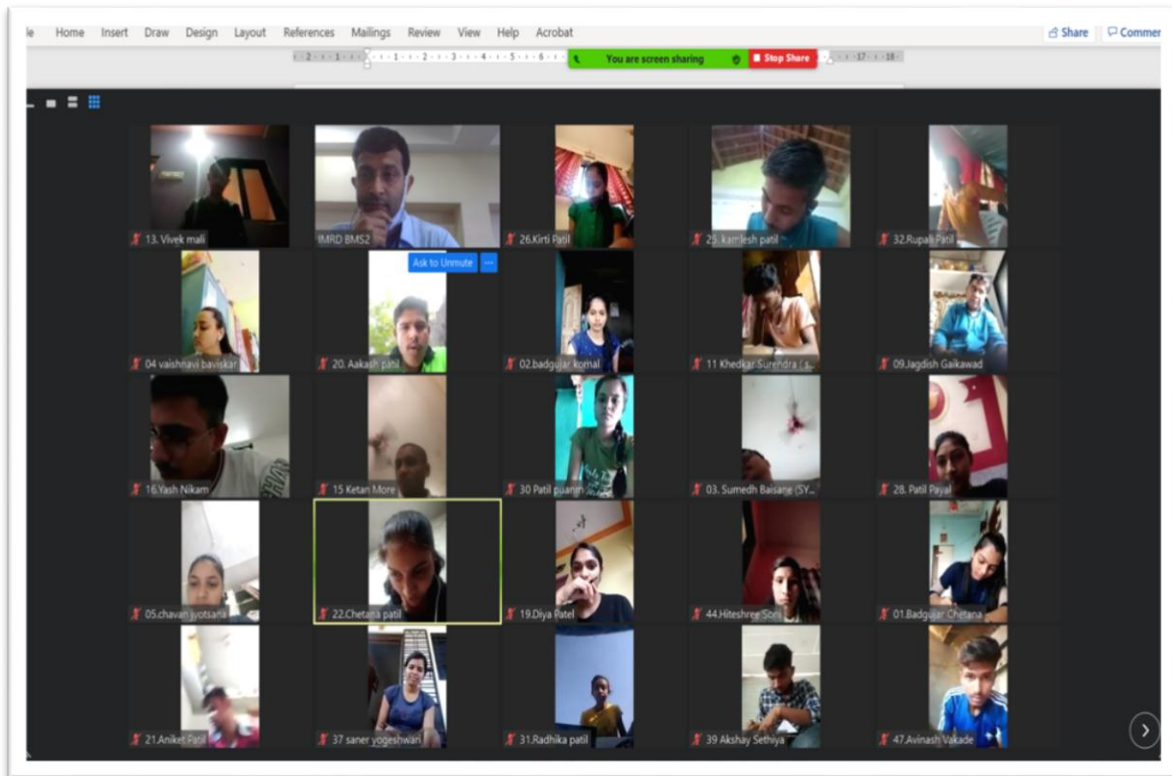
- Improve time management.
- Develop emotional intelligence.
- Cultivate resilience.
- Listen actively.
- Group Discussion.
- Resume Writing.
- Develop a growth mindset.
- Develop a reading habit.
- Learn new things.



**Special Session Communication Skill conducted by
Mr. Kaustubha Sawant.**



Mr. Kaustubha Sawant observes students when they perform activity.



Students actively participated in soft skill sessions.

1.3. Enhancement Sessions for Employability Skills.



Training and Placement Cell of Institute organized the Enhancement Sessions for Employability Skills for MCA and IMCA final year students. Total **1286 students** were participated in the various sessions. This session conducted by Mrs. Archana M. Jade.

The Placement Cell plays a crucial role in locating job opportunities for Under Graduates and Post Graduates passing out from the college by keeping in touch with reputed firms and industrial establishments. The Placement Cell operates round the year to facilitate contacts between companies and graduates.

Following are various activities where students are actively involved:

- Design and Printing of Placement Brochure – Soft copy as well as Hard copy
- Developing and Executing the Placement strategy
- Conducting Recruiting Survey (s)
- Interacting with the Past Recruiters
- Interacting with the Potential Recruiters
- Recruiters of other E-Schools/Benchmarking
- Placement Presentation at various companies
- Organizing the Career Counseling session by experts
- Organizing Resume Writing, GD and Interview(s) skills development sessions
- Maintaining student Resume Bank
- Developing and maintaining Corporate Database
- Allocation of companies to student groups for image building
- Coordinating all the activities related to Placement

Placement has become the foremost necessity in today's money-oriented world. The students expect good placement opportunities from the institutions they choose. Meanwhile, the colleges ensure job opportunity to almost every student by conducting training programs to sharpen the skills of the students when they attend interviews. Such programs are meant to help the students in different ways. In such programs providing education along with the skills required for placement.

1. Creates an Exposure

The students are brought up in such a way from their school days that they are trained to face only examinations successfully. Once they go out, they will be facing the real world for the first time and they will be asked to work with that world. In the training programs, the students are taught how to face the external world practically through internships.

2. Skill Development

To attend an interview and become successful, the students must have certain skills like aptitude, presentation and so on.

3. Building the Confidence

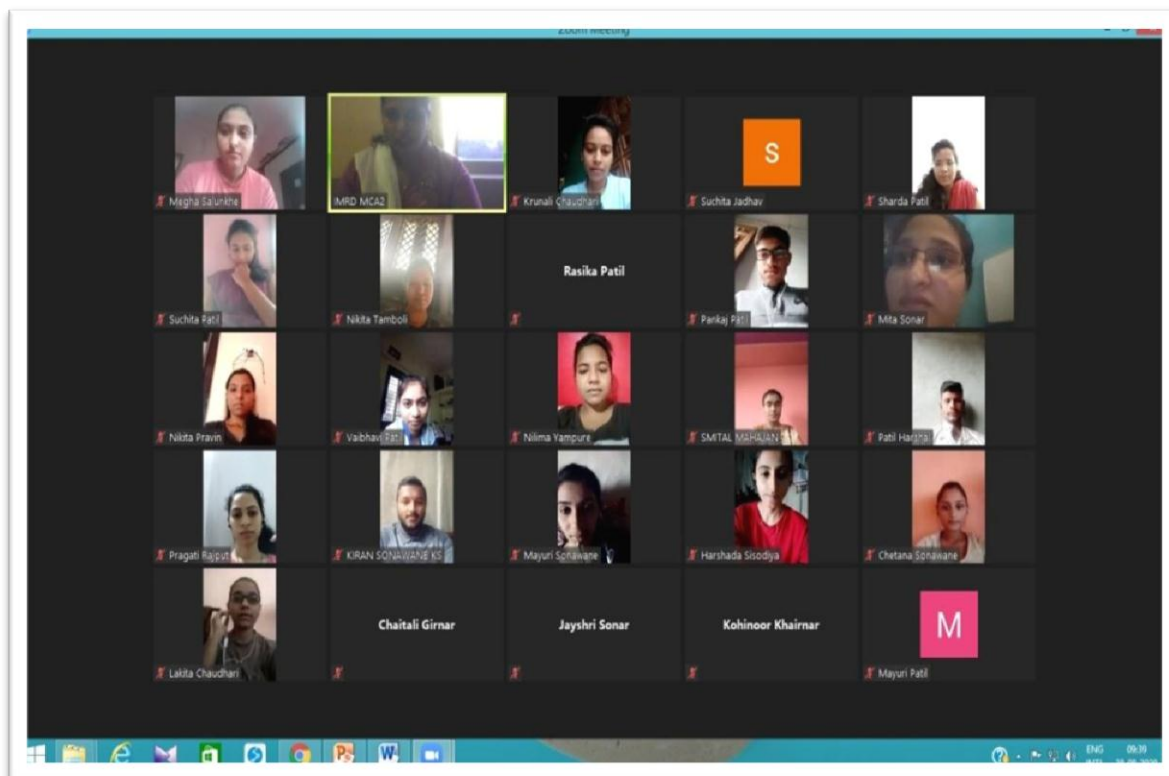
The most essential element to face an interview is to nurture the confidence of proceeding till the end. Many students lose opportunities due to their lack of confidence. The training programs are designed in such a way to eliminate fear and insecurity among the students and boost their morale. Once they are provided with the much-needed confidence, they are all set to go.

4. Speak With Power

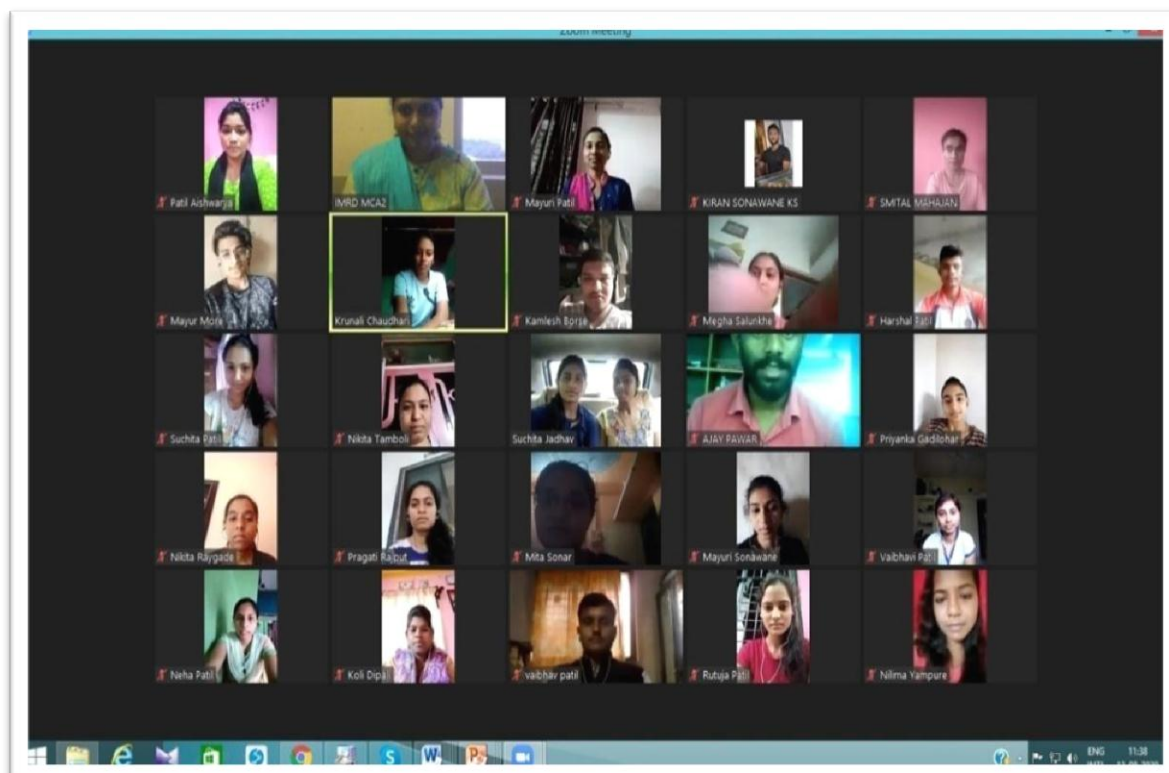
The younger generation mostly avoids stage talks and a popular term associated with this preference is called 'stage fear'. With proper training given in the college, fear is eliminated and students begin to understand that it is a pleasure to convey their feelings to the audience and this practice helps the students to face the interviewer with utmost confidence.

5. Choose Your Career

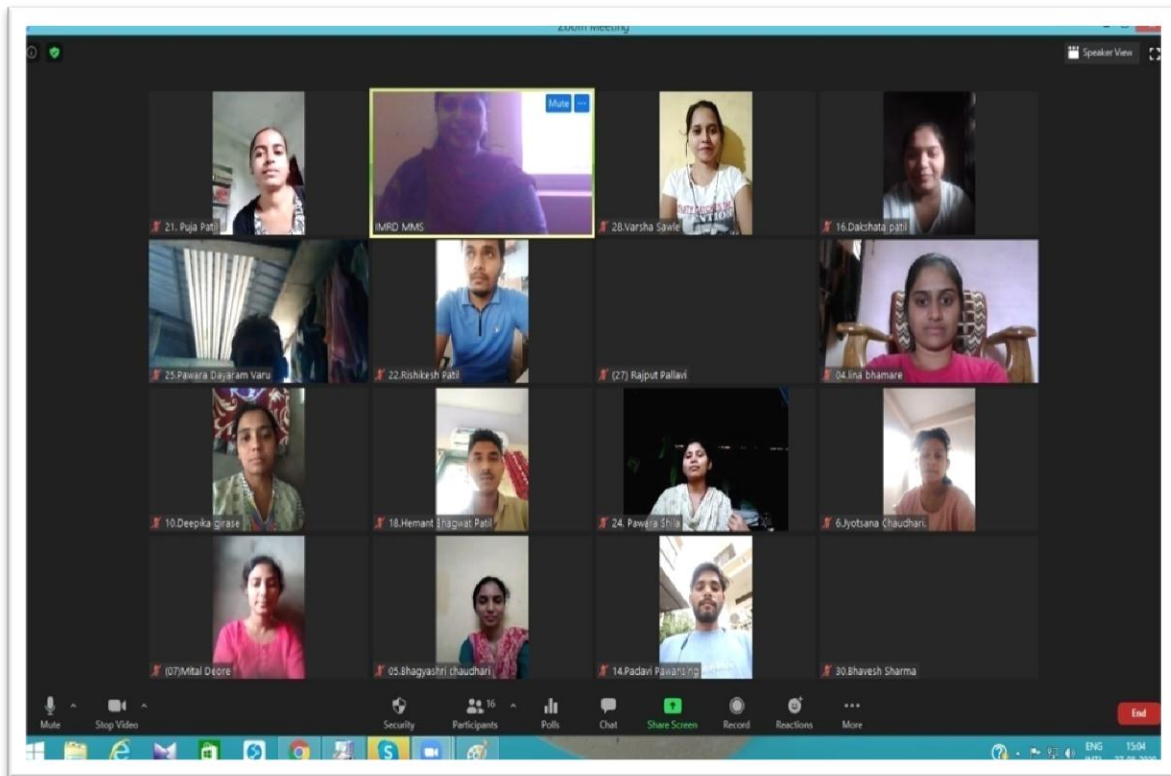
In training programs, the students are provided with information about various fields and it enables them to choose the one they are passionate about. The lack of information is a serious issue and the placement programs never fails to present even the minute details on what's happening in the world and which domain has a good future and more career options.



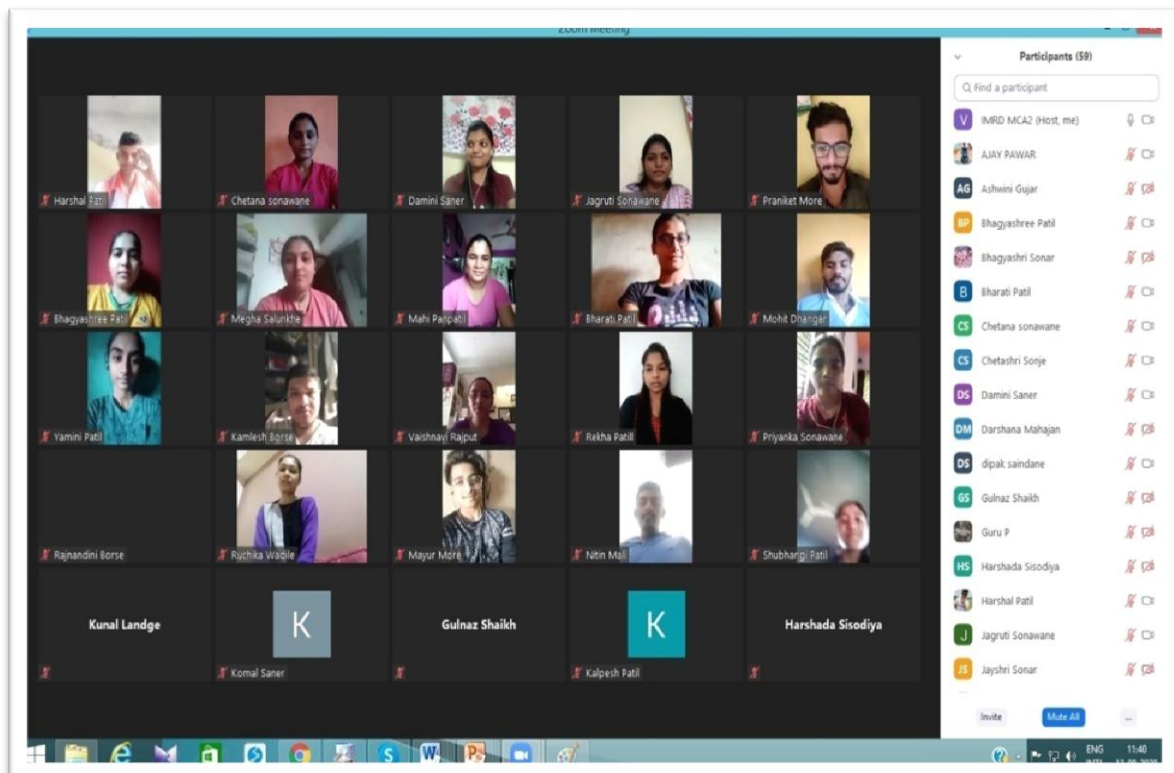
Skill Development sessions delivered by Mrs. Archana M. Jade



Students present their presentations in Skill Development sessions.



Virtual participation students in various activities.



Students participated in Skill Development sessions.

2. Language and communication skills

2.1. Developing communication skills for a successful career:



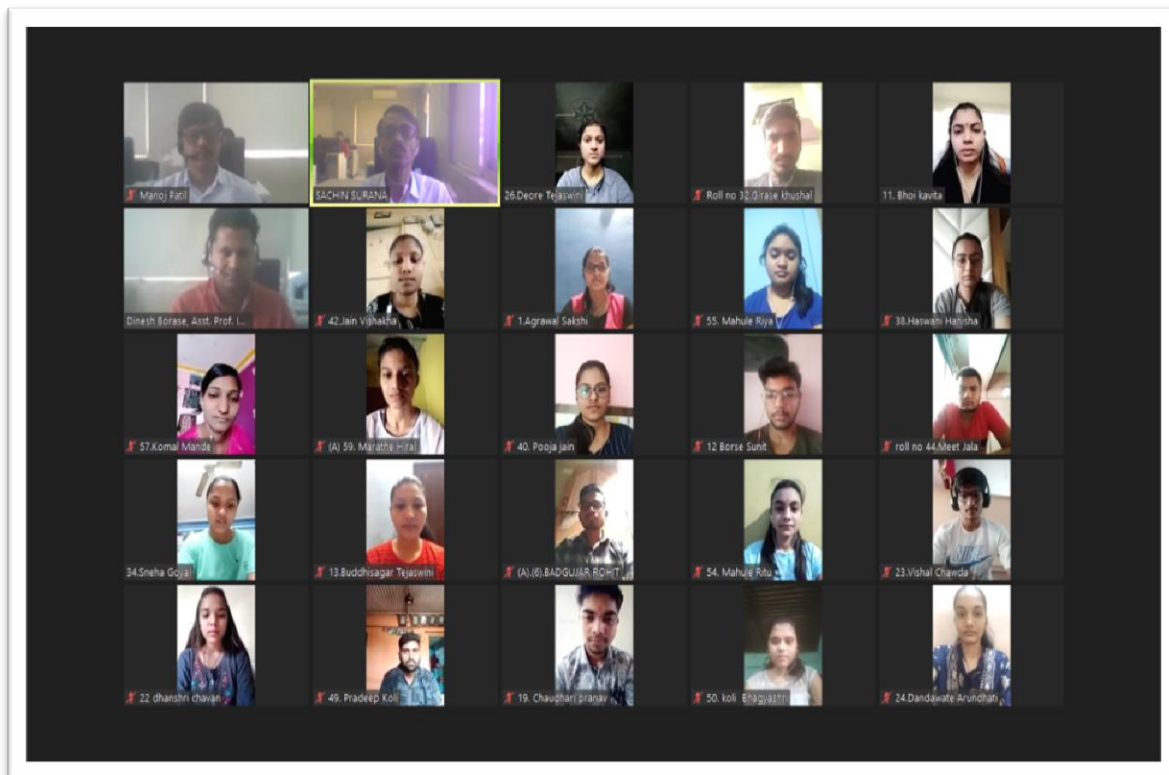
“Developing communication skills for a successful career” program was organized by Mr. Dinesh Borse for the BMS 3rd, BBA 3rd, BCA 3rd, BBA 1st, BCA 1st, BMS 1st year students. Total **4948 students** benefited from this training program through various activities. This training program helped students to develop their communication skills.

The objectives of the competition were to enhance the soft skills amongst students, to develop the art of public speaking, to develop the art of public speaking, to encourage self-learning among students, to enable the participants to organize their thoughts and present them in a systematic manner, to promote asynchronous learning amidst the global pandemic and familiarize participants with information technology and use these tools effectively in the self-learning process etc.

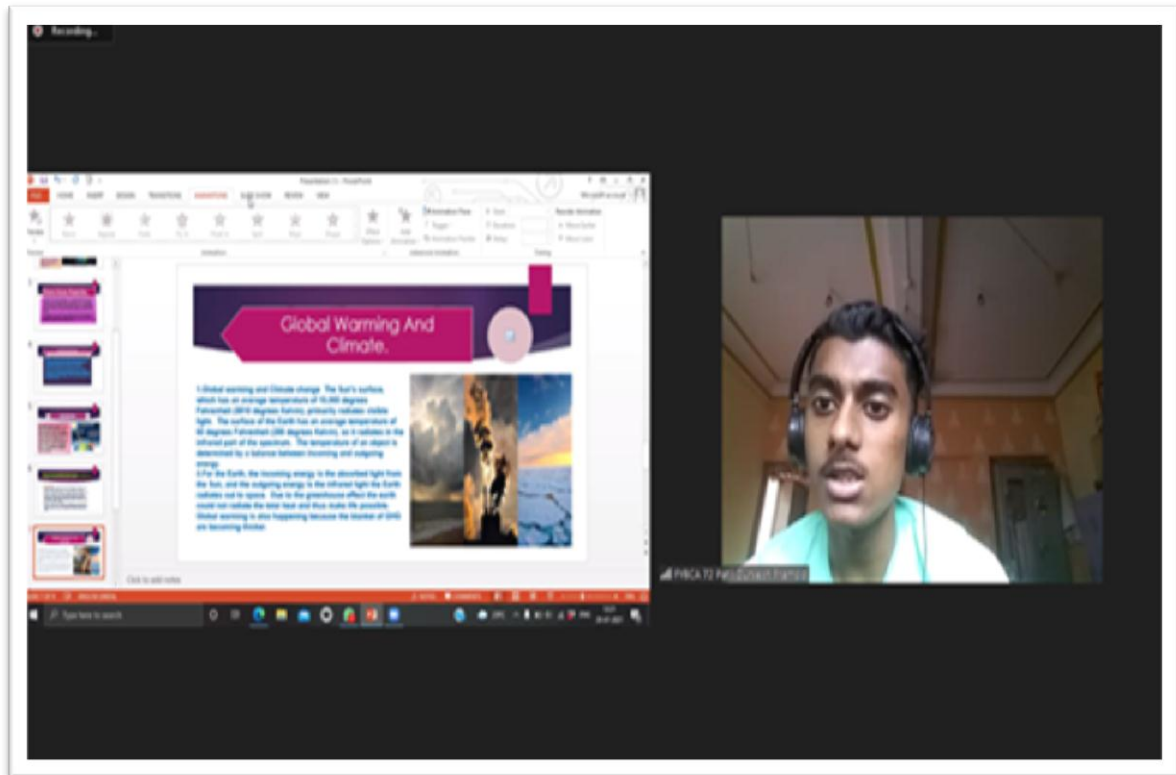
Developing strong communication skills is essential when it comes to building a successful career. This program was helped students:

- Listening. One of the most important aspects of effective communication is being a good listener
- Non-Verbal Communication.
- Be Clear and Be Concise.

- Be Personable.
- Be Confident.
- Empathy.
- Always Have An Open Mind.
- Convey Respect.



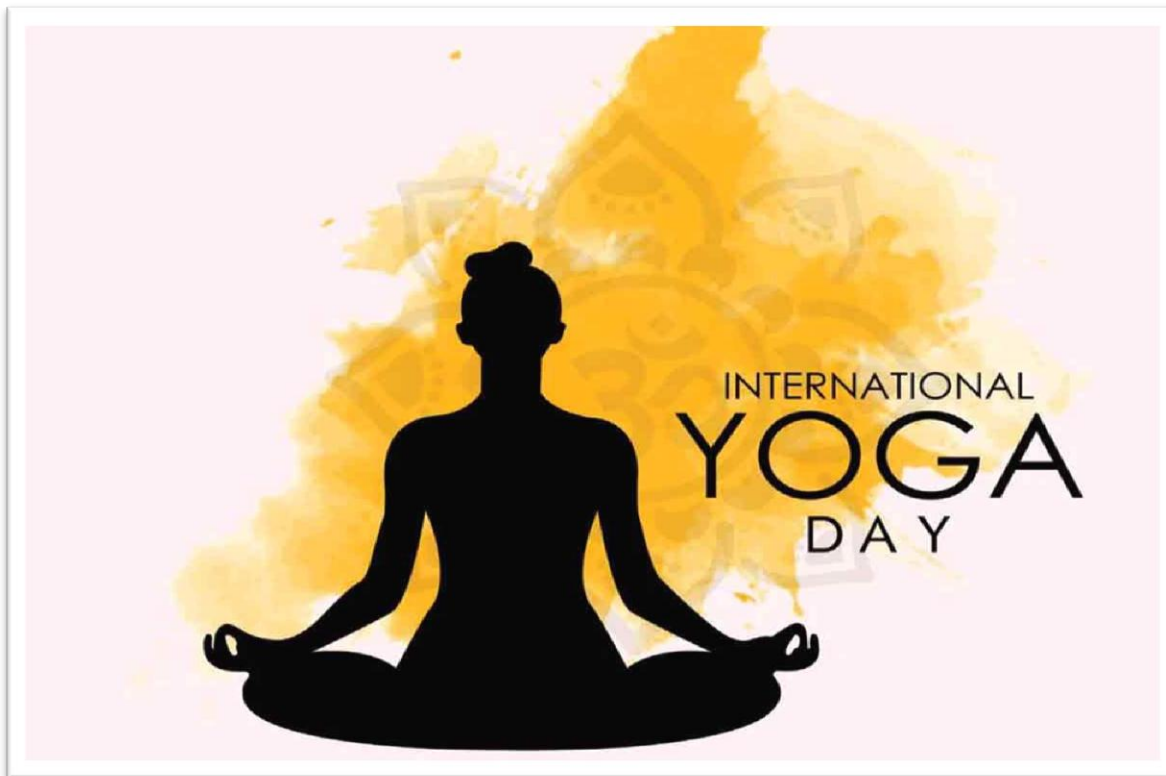
“Developing communication skills for a successful career” conducted by Mr. Dinesh Borse.



**Students Actively Participated in
“Developing communication skills for Successful career Program.”**

3. Life skills

3.1. Yoga Day Celebration

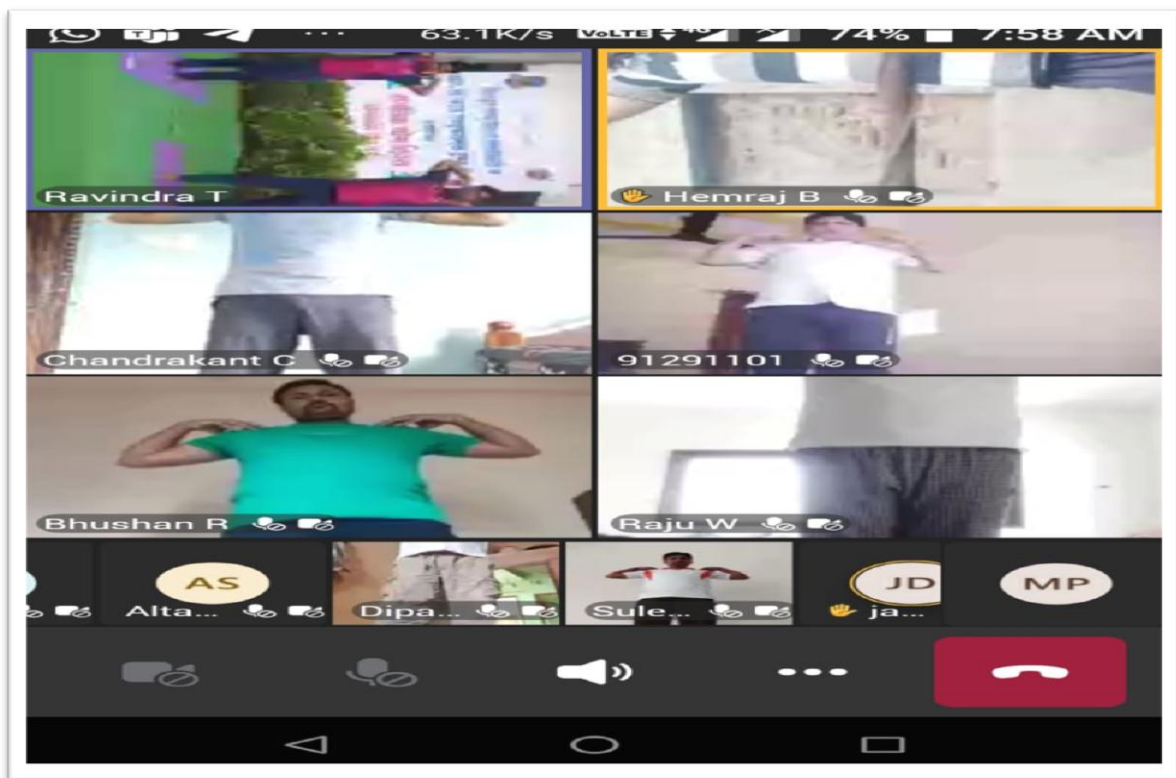


The Covid-19 plight was not just a physical crisis; it also left lasting impacts on mental health, with many left in psychological suffering, depression, and anxiety dealing with the pandemic-necessitated restrictions and loss. Yoga can come to the help of people dealing with such crises, the United Nations explained on its website since the message of the practice is to promote both physical and mental health.

Institute's NSS Unit celebrated International Yoga Day on the theme "Yoga at Home and Yoga with Family" on 21st June 2021. The main objective of celebrating International Yoga Day was to pursue the legacy of yoga and its practices. Students, Teaching staff and Administrative staff attended yoga session through online platform organized by R. C. Patel Educational Trust. Demonstration of various yoga postures and their importance were excellently demonstrated by Mr. Anil Patil sir and Mr. Milind Songade sir of R. C. Patel Educational Trust. It was a grand success with total 85 participants joined International Yoga Day including NSS volunteers and students of different courses of Institute. Mr. Manoj Patil, Mrs. Chhaya Patil, Mr. Vijay Garge, Mr. Vivek Chavan, Mr. Suraj Nikam have taken great efforts to make this activity effect



Yoga Celebration by the Students



Online Yoga by the Students on Zoom meeting

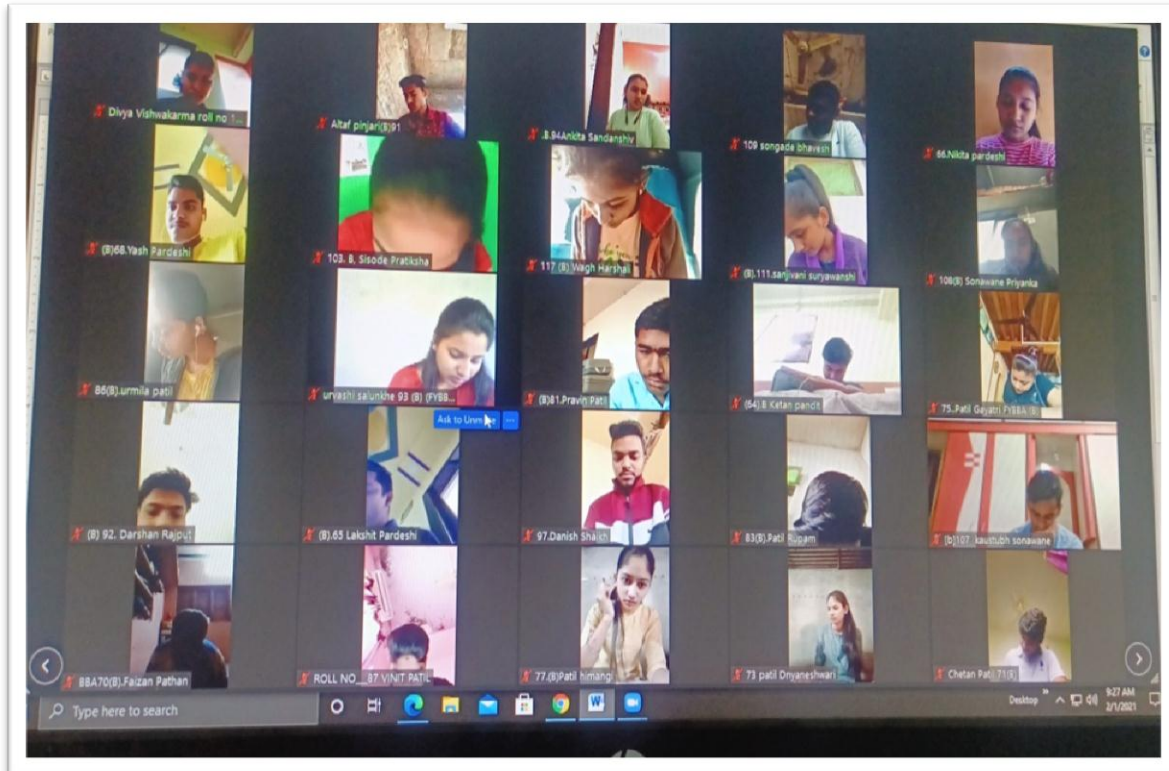
3.2. Meditation by students during the exam



Meditation isn't all immediate breathing in and out you know! Nowadays studies show that meditating before you study can improve your reading comprehension, memory, concentration, stress and anxiety.

Meditation performs are attractive more widespread in societies because of their positive impact on the brain and mind. Meditation is also associated with mindfulness, which is a current secular adaptation of traditional meditation follows with the goal of improving perceptive focus. Our study is concerned with the contemporary variation of meditation as a relaxation technique to aid students.

Post-meditation, your mind is less likely to wander and you're more likely to stay focused for longer periods of time. Plus it always helps after a stressful day at work to take some time to you and just breathe. For the better concentration Institute takes the mediation during the every exam. Institute takes the efforts for the students during the online examination. Total 1360 Students from BCA/BBA/BMS perform the mediation during the exams to stress free the mind and for the better concentration for studies.



Meditation by the Students during exam

4. ICT/computing skills

1. Python Problem Solving Webinar

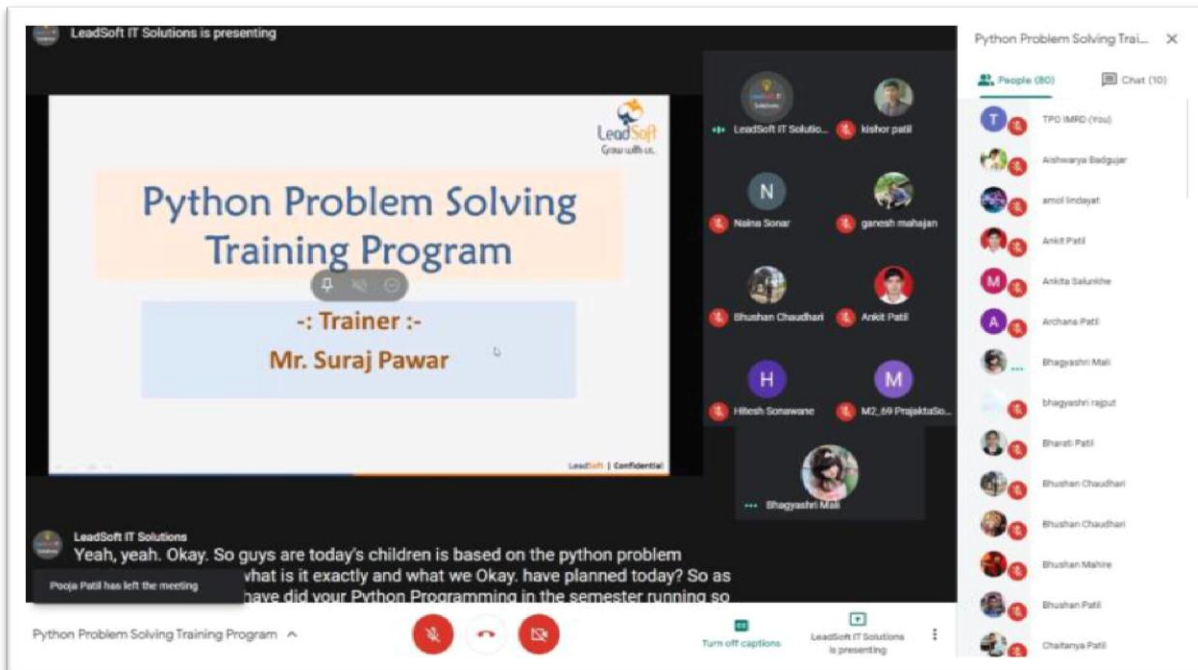
Training and Placement Cell of IMRD organized “Two Days Python Problem Solving Webinar” in association with Mr. Suraj Pawar, Leadsoft IT Solutions, Osmanabad on 30th and 31st July 2020 using Google Meet application for MCA/IMCA final year students. Total 80 students were participated in this event.

The session was planned to aware students with the Python technical skills and how to solve different problem statements using python programming.

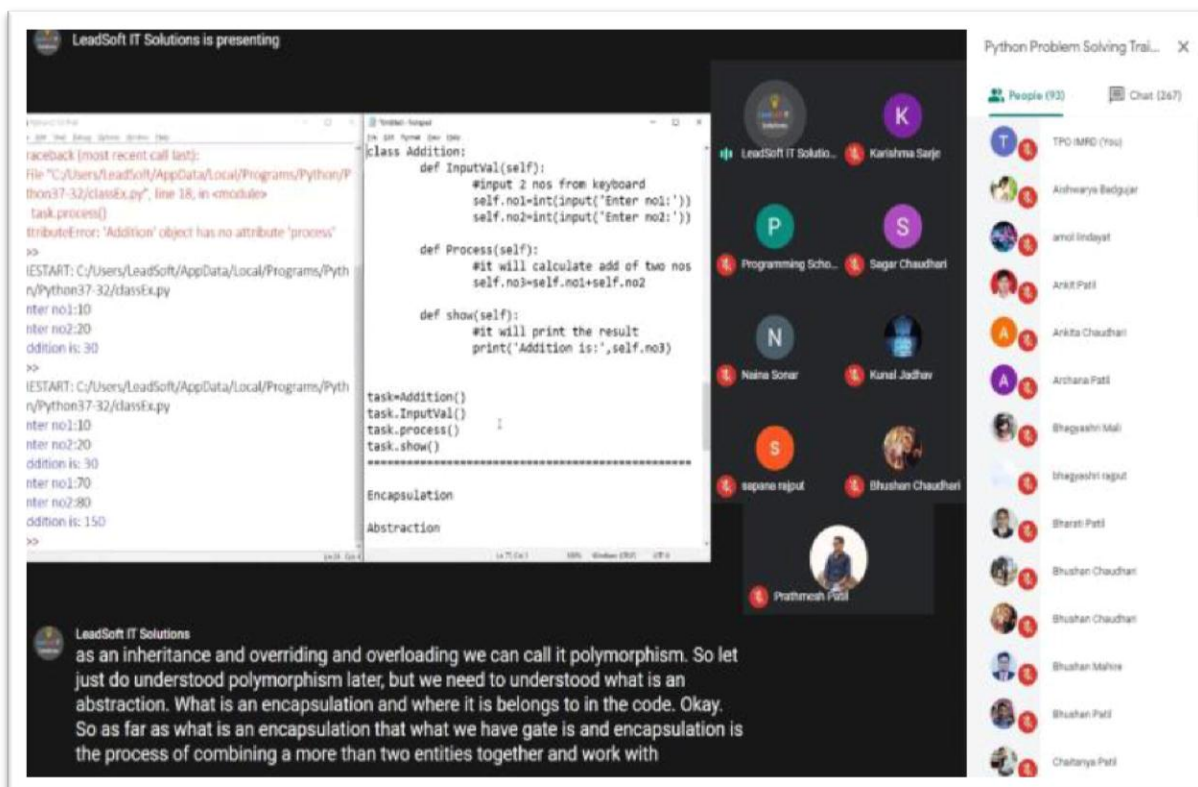
In this session, Mr. Suraj Pawar guided students on following points:

- Introduction to programming concept with different case studies in Python programming.
- Object oriented programming structure
- Class, Objects
- Data types
- Inheritances, Abstraction
- Stack, Queues
- Examples of technical python programming case studies and interview questions on the same.

This was very fruitful session for MCA/IMCA students through which they came to know the technology which is mostly used by IT industries and how they can upgrade their skills for the same.



Mr. Suraj Pawar solves the students problem which is based on Python



Mr. Suraj Pawar delivering a session on Python Problem Solving

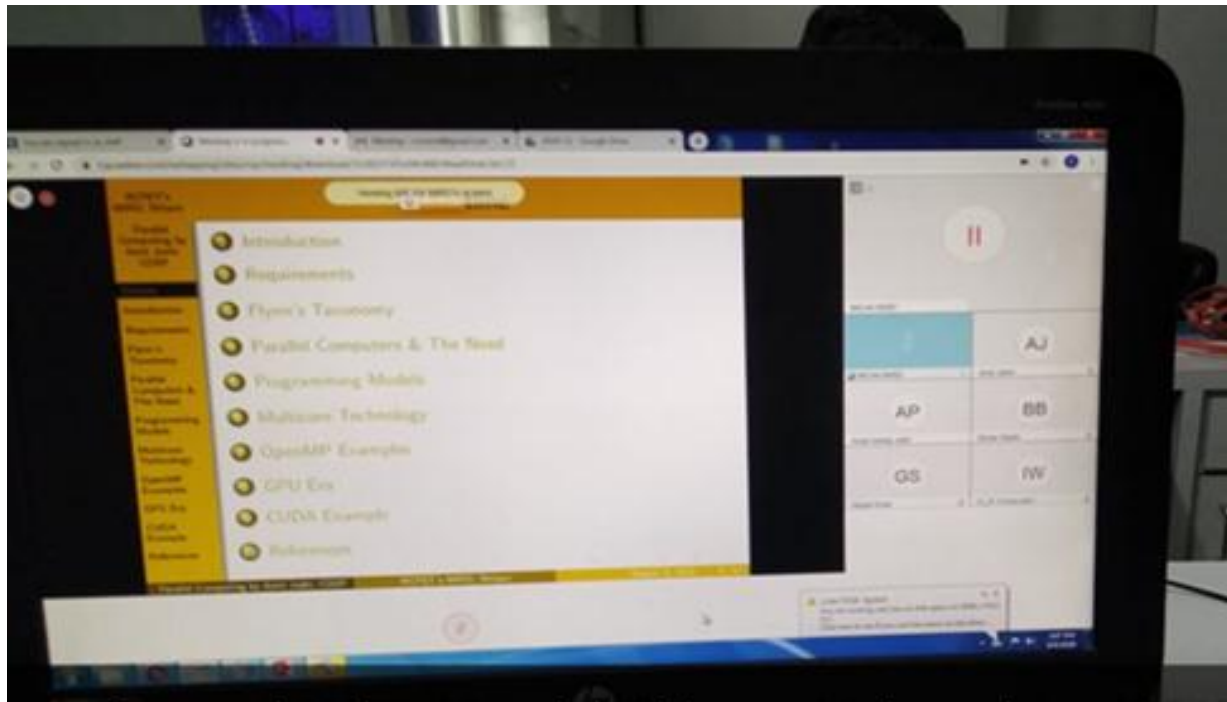
2. Webinar on Parallel Computing

The CSI Student branch of R. C. Patel Institute of Management Research and Development, Shirpur organized a webinar on "Parallel Computing" for all MCA-2nd & IMCA-3rd year students on 08th August 2020. Total 60 students were present for this webinar. For this webinar cum expert talk we invited resource person Mr. Amit Joshi, Assistant Professor, Department of Computer Engineering & Information Technology, College of Engineering, Pune (COEP).

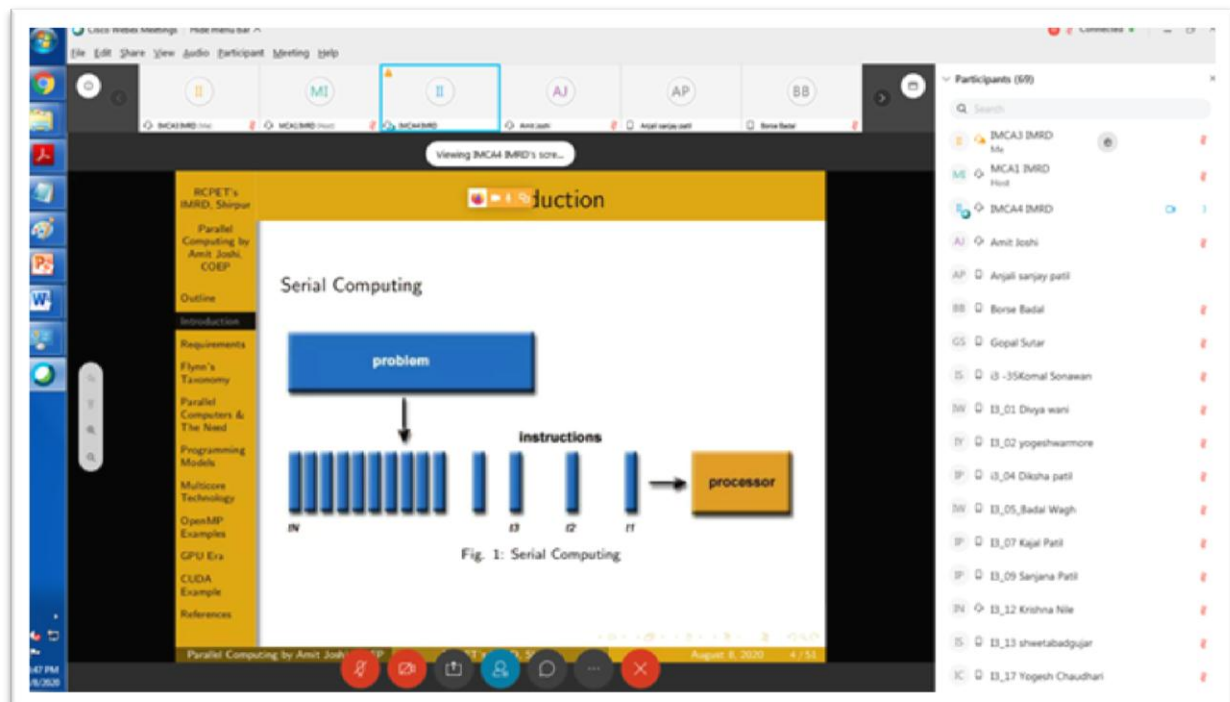
In this webinar session sir focused on:

- Flynn's Taxonomy
- Parallel Computing & it's need
- GPU Era
- Programming Models
- OpenMP examples
- GPU
- CUDA Examples

Sir gave a hands-on demo on OpenMP & CUDA. Students enjoyed this webinar .All the students thanked the CSI student branch and MCA department for organizing such a great webinar.



Mr. Amit Joshi focused on Parallel Computing & it's need

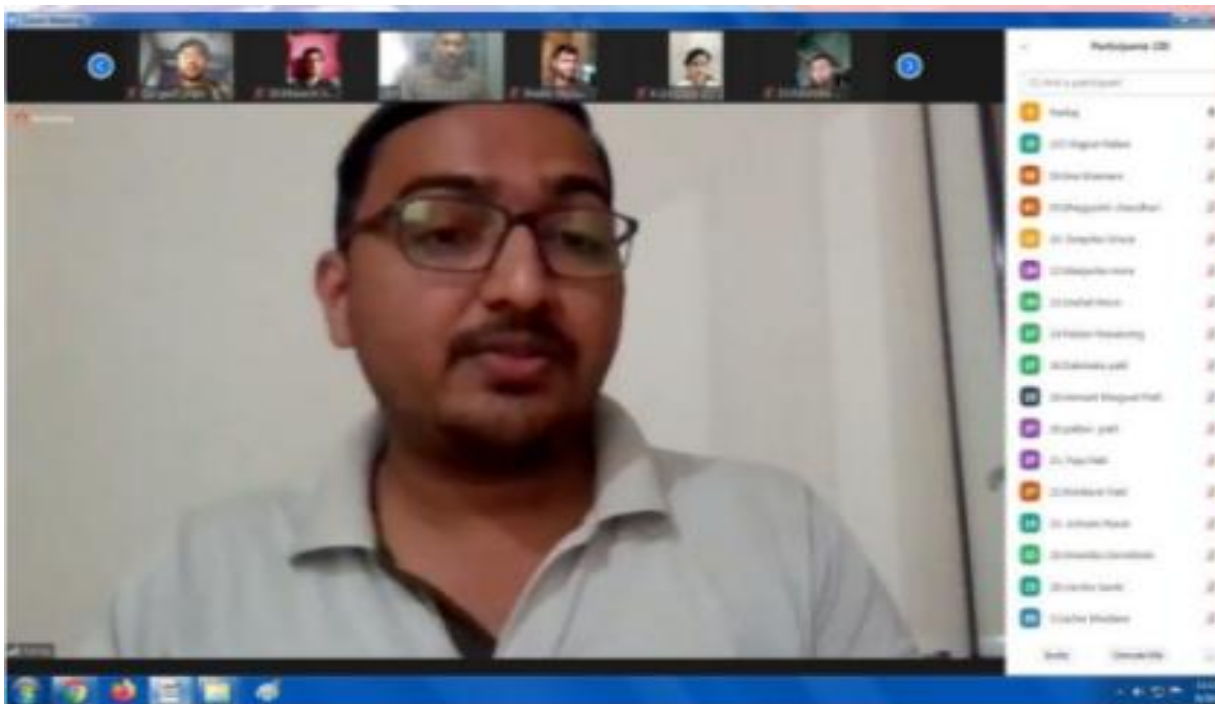


Mr. Amit Joshi explains Serial Computing

3. Online Webinar on Current IT Trends

MMS Department organized a webinar on the topic “Current IT Trends” by Mr. Pankaj Bhandarkar for final year batch of MMS 2020 and MMS 2021 batch students on 29th August 2020. Mr. Pankaj Bhandarkar is a Senior Software Developer and Reporting Manager, Facile Service Pvt. Ltd., Pune. He has got more than 8 years of experience in the Industry.

Mr. Pankaj Bhandarkar began the session by sharing and memorizing his college days’ preparation, told his current profile and IT industry structure and departments. In his talk he focused on Information Technology, IT sector and various parts of IT, elaborated concept of Database, listed out different IT Companies, their working. Further he explained common departmental activities in IT companies like General Management, Marketing, Operations, Finance, Sales, HR, and Admin etc. He also talked about the Tech Stack like The Mean Stack, LAMP Stack, MERN Stack, MEVN Stack for Development, preparation for hand ready software for user, career options available within the IT and non-IT domain. In this session, 32 students actively participated and cleared different doubts and queries regarding IT, job profile and job preparation etc.



Mr Pankaj Badgujar focused on, IT sector and various parts of IT

What is a Tech Stack?

A technology stack, also called a solutions stack, technology infrastructure, or a data ecosystem, is a list of all the technology services used to build and run one single application. The social site Facebook, for example, is composed of a combination of coding frameworks and languages including JavaScript, HTML, CSS, PHP and ReactJS. This is Facebook's 'tech stack.'

1. The MEAN Stack
2. The LAMP Stack
3. MERN Stack
4. MEVN Stack

The diagram illustrates the architecture of a web application. On the left, the 'SERVER SIDE' is represented by a stack of layers: 'DATABASE' (blue), 'PROGRAMMING LANGUAGE' (blue), 'API FRAME' (blue), 'WEB SERVER' (blue), and 'WEB EXTERNAL SYSTEM' (blue). Below this stack is a black box labeled 'YOUR SERVER'. On the right, the 'CLIENT SIDE' is shown with a stack of layers: 'JavaScript' (blue), 'CSS' (blue), and 'HTML' (blue), followed by a box labeled 'Web Application'. Below this stack are two black boxes labeled 'SMARTPHONE' and 'LAPTOP'. A double-headed arrow labeled 'THE INTERNET' connects the 'API FRAME' layer on the server side to the 'JavaScript' layer on the client side.

Mr. Pankaj Bhandarkar explained Tech Stack to the students

4. Webinar cum Workshop on Cyber Security with hands-on Practical

The CSI's student branch of Institute organized a Webinar cum Workshop on "Cyber Security with hands-on Practical" for all IMCA-3rd year students on 31st August 2020. Total 37 students were present for this webinar. For this webinar, we invited a resource person Ms. Sweta Dargad, Assistant Professor, U. V. Patel College of Engineering, Ganpat University, Gujarat. The objectives of session were to introduce students with the major concepts and ideas in cyber security with hands-on practical, to aware about risk of cyber-attacks and to protect from these attacks and malware.

In this webinar madam focused on:

- Introduction of Cyber Security
- Security Principle
- Types of Attacks
- Masquerade
- Replay Attack
- Deliberate Software Attacks.

Madam gave a hands-on practical of IP configuration command, how to check certified hackers, ping command, Traceroute, Zenmap, HT Track, Archive online tool etc.

Security Principles

- Authentication: determining the identity of a person, computer, or service on a computer
- Authorization: determining whether an entity (person, program, computer) has access to object – Can be implicit (email account access) or explicit (attributes specifying users/groups who can read/write/execute file)
- Non-Repudiation: is the assurance that someone cannot deny the validity of something. Non-repudiation is a legal concept that is widely used in information security and refers to a service, which provides proof of the origin of data and the integrity of the data.

The screenshot shows a Zoom meeting interface with a presentation slide titled "Security Principles". The slide lists three principles: Authentication, Authorization, and Non-Repudiation. The Zoom window also shows a list of participants on the right and a toolbar at the bottom.

Ms. Sweta Dargad, describes the security principles (cyber security)

2. Emulate Tracert

Tracert --

A traceroute is a network tool used to trace the path of an IP packet across an IP network.

The Traceroute tool will show the path of the packet. For each hop, it will show the hop number, IP address, TTL, and round trip time (ms).

```

C:\Windows\system32\cmd.exe - tracert www.google.com
C:\Users\ADMIN~1>ping http://www.certifiedhacker.com
Pinging www.certifiedhacker.com [162.241.216.111] with 32 bytes of data:
Reply from 162.241.216.111: bytes=32 time=304ms TTL=41
Reply from 162.241.216.111: bytes=32 time=305ms TTL=41
Reply from 162.241.216.111: bytes=32 time=305ms TTL=41
Reply from 162.241.216.111: bytes=32 time=310ms TTL=41
Ping statistics for 162.241.216.111:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milliseconds:
        Minimum = 304ms, Maximum = 310ms, Average = 306ms
C:\Users\ADMIN~1>tracert www.google.com
Tracing route to www.google.com [142.250.47.164]
over a maximum of 30 hops:
  0  2 ms  1 ms  1 ms  jiofi.local.html [192.168.15.1]
  1  2 ms  1 ms  1 ms  192.168.15.1
  2  2 ms  1 ms  1 ms  192.168.15.1
  
```

The screenshot shows a Zoom meeting interface with a presentation slide titled "2. Emulate Tracert". The slide explains the Tracert command and shows a terminal window with the output of the command. The Zoom window also shows a list of participants on the right and a toolbar at the bottom.

Hands on Practical experience of cyber security concept

5. Webinar on Mobile Communication Components and Context

CSI's students branch of Institute organized a webinar on "Mobile Communication Components and Context" for MCA 3rd year and IMCA 5th year students on 10th October 2020. Total 83 students were present for this webinar. For this webinar cum expert talk we invited resource person Mr. Parth Gautam, Lecturer, Department of Computer Science, Dev Sanskriti Vishwavidyalaya, Haridwar.

The objectives of this webinar were to introduce overview of mobile computing systems, to know about fundamental concepts like wireless system architectures, mobility management, handoff, detail study of mobile computing system, cellular system, satellite system, WLAN etc.

In this session he focused on mobile computing, communication, ways of communication, mobile and wireless, cellular telephone systems, GSM architecture, radio subsystem, network and switching subsystem, mobile services switching center, HLR, Operation System, Operation and Maintenance Center (OMC), Authentication Centre (AuC) etc.

Zoom Meeting

Recording...

Communication

Participants (68)

Find a participant

- IMRO MCA3 (Co-host, me)
- IMRO MCA3 (Host)
- Parth Gautam (Co-host)
- IMRO MCA3 (Co-host)
- Ashwini Rajput
- IS_01 Pujapardeshi
- IS_03 Runval borse
- IS_04 Prathameshpatil
- IS_06 Bharatpatil
- IS_08 Vrushali Jadhav
- IS_09 BhushanMahire
- IS_12 Poojapatil
- IS_16 Ganesh Mahajan
- IS_17 Dipali Nhalde
- IS_18 Pallavi Patil
- IS_21 Gayatri Dorik

11:30 AM

Mr. Parth Gautam: introduce overview of mobile computing systems

Zoom Meeting

Recording...

Satellite System

Mobile user link (MUL)

Inter satellite link (ISL)

Gateway link (GWL)

Small cells (spotbeams)

Base station or gateway

Footprint

ISDN

PSTN

GSM

User data

*Mobile Communications - Jochen H. Schiller, Second Edition

Participants (34)

Find a participant

- IS_21 Gayatri Dorik
- IS_22 Paresht patil
- IS_23 Sanketpatil
- IS_26 Rohit Borse
- IS_29 Anika thekar
- IS_36 Mohit Chaudhari
- IS_37 Sakrut Pawar
- IS_40Vijay Dhangar
- IS_41 malirahul
- IS_43 charushila patil Charushila...
- Kalyani Patil
- M3_01 Pooja Patil
- M3_02 Rajani Salunkhe
- M3_03 KarishmaSarge
- M3_04 Bhagyashree Rajput
- M3_05 Madhuri Patil

11:42 AM

Mr. Parth Gautam describes the satellite system to the student

6. Online Webinar Series on Project Development (MMS)

To fight against COVID-19, enabling learning from home and practices of e-learning with social distancing, MMS Department of IMRD organized 4 days webinar series from 15th December 2020 to 18th December 2020 for enrichment and professional development of students. Total 18 students participated in this webinar series.

Mr. Pankaj Bhandarkar, Tech Lead, Facile Service Pvt. Ltd., Pune was a resource person for this webinar series. The webinar began daily at 10.00 am in the presence of all the members of the MMS Department and last up to 12.00 pm.

The webinar series was structured in a PPT with visual impact and practical demonstration which will help to understand easily and related implementation of learning at home by students.

On 15th December 2020, day first the basic ethics of project development were explained to the participants by the resource person. The webinar series started with an introduction to web development. The resource person then explained about the principles of web development and project guidelines. He highlighted on various aspect of web development like technology requirements for web development, introduction to client side scripting and implementation, introduction to database technology during this webinar series.

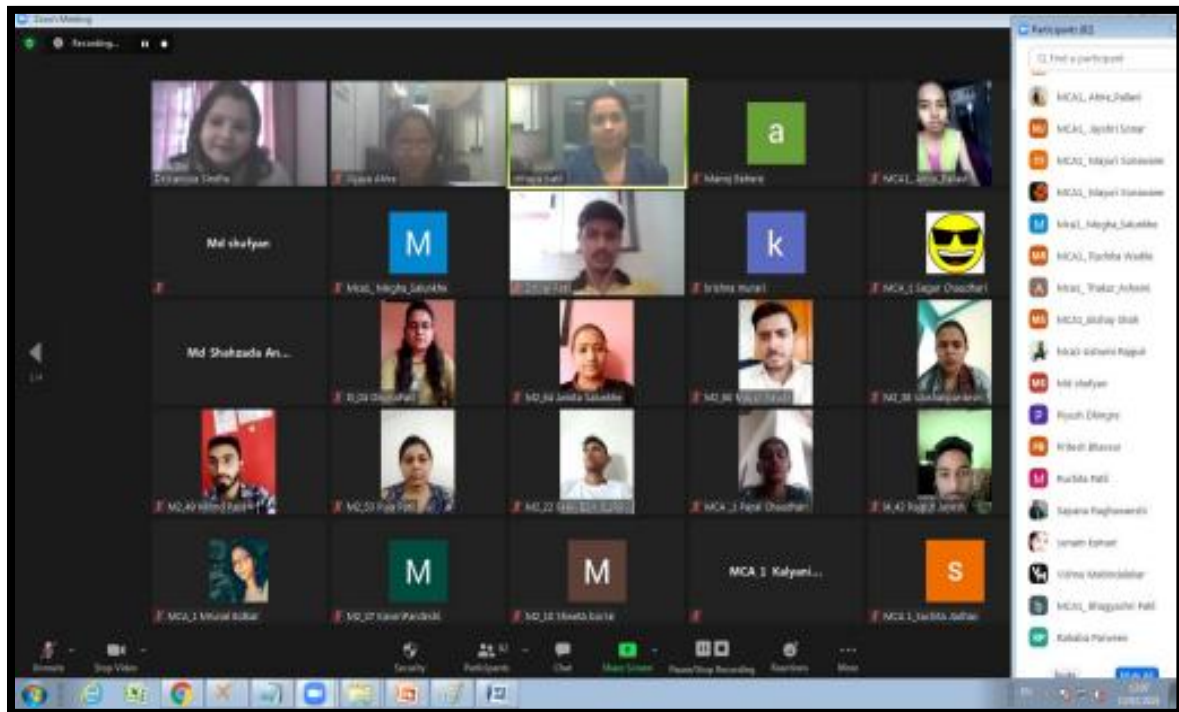


Mr. Pankaj Bhandarkar explains the difference between HTML and CSS

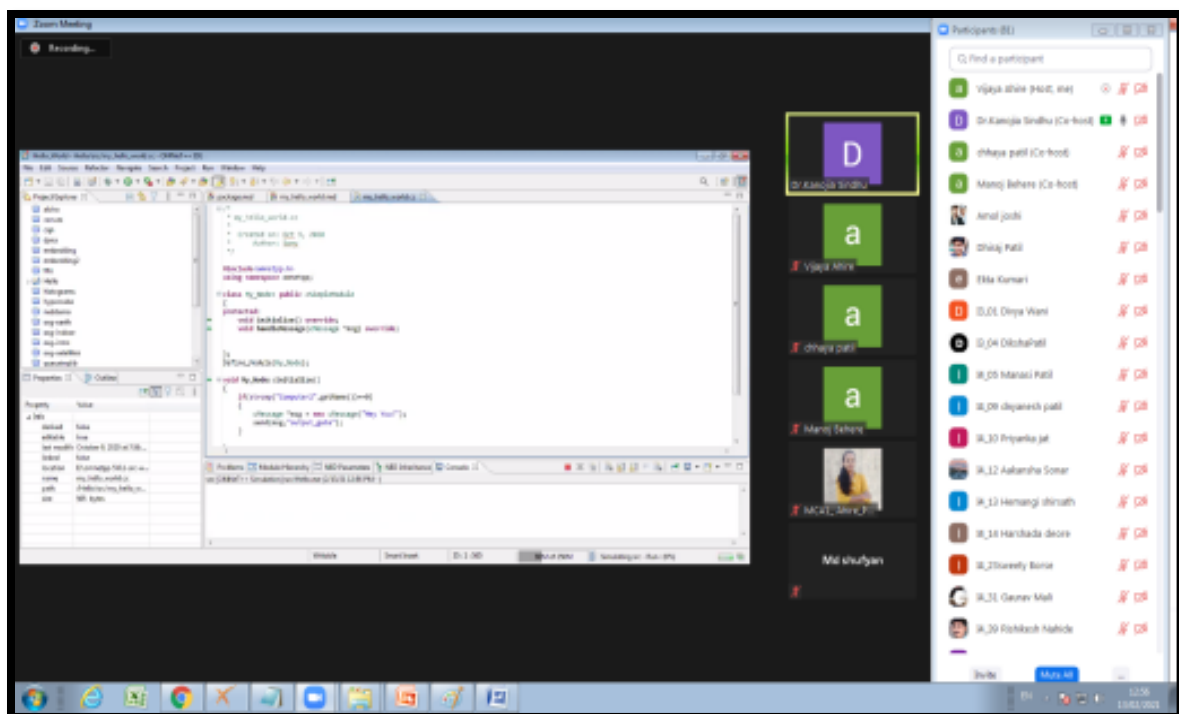
7. Webinar on Wireless Sensor Networks

The CSI's student branch of Institute organized a webinar on "Wireless Sensor Networks: An Introduction" on 13th February 2021. Total 103 students were present for this webinar from IMRD and Central University of Jharkhand. For this webinar cum expert talk we invited Dr. Kanojia Sindhuben Babulal, Assistant Professor, Department of Computer Science and Technology, Central University of Jharkhand, Ranchi, India as a resource person. The objectives of this webinar were to introduce students with overview of wireless sensor networks, to describe wireless sensor networks and its specifications, study of different wireless modules, study of different topologies and network etc.

In this webinar, Dr. Kanojia focused on challenges and hurdles in WSN, broad categories of sensor networks, applications of wireless sensor, Remotely Operated Vehicle (ROV), commercial generations of sensor networks, energy conversion scheme, factors responsible for power consumption, summary of WSN, routing strategies, operating system in WSN, installation process etc.



Dr. Kanojia Sindhuben Babulal describe wireless sensor networks



Dr. Kanojia focused on challenges and hurdles in WSN

8. Project Development Workshop for UG

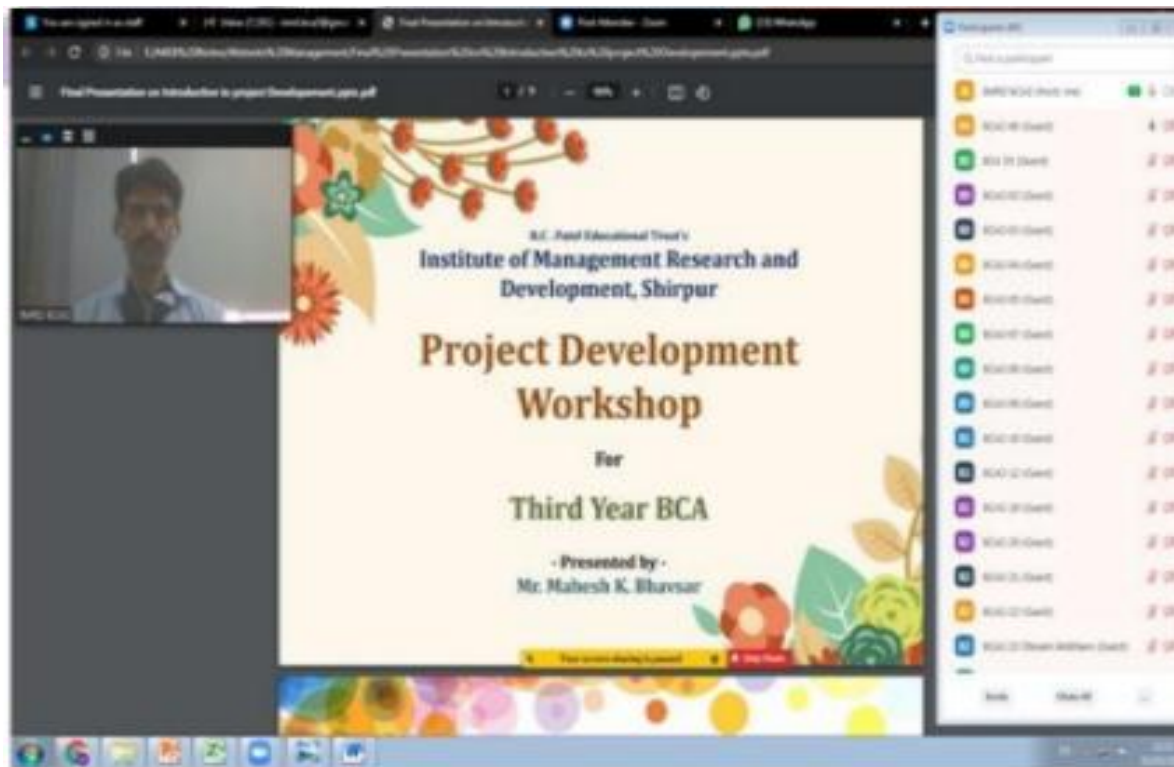
The UG department carried out a 4 days Web Development project Workshop for TYBCA students, In this workshop a total of 61 Students participated. The basic objective for taking this workshop TYBCA students was to clear the basic and various concepts about the project. The session starts from 01st- 4th March, 2021

In this webinar session he focused on First Day of the project workshop conducted by Mr. Mahesh Bhavsar Sir, he introduced students with a project he cleared all the basic things about the project and its purpose, goal, target and content.

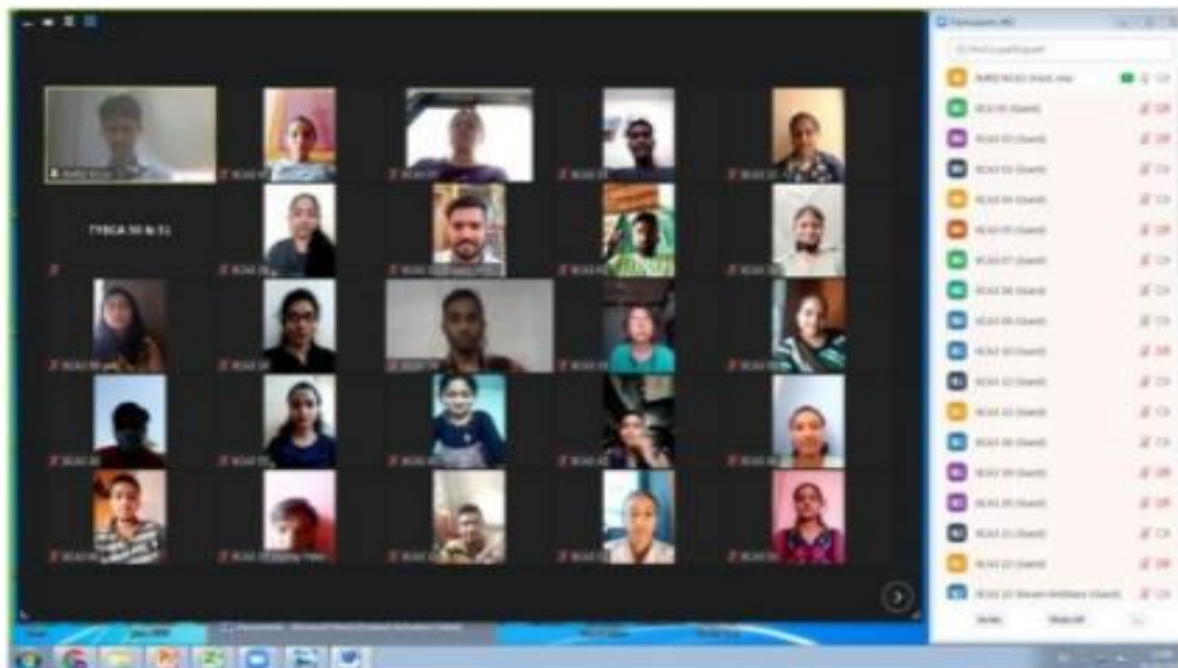
On Second Day workshop conducted by Mrs. Priyanka Saindane Madam, She explains the planning and design concepts of the project. Which tools are useful for designing the project as well as she explained about the approval cycle of the project.

On Third Day session taken by Mr. Kedar Apte Sir he explains all the coding and validation concepts. He also explained about the report and its types.

On Fourth Day session conducted by Mr. Manoj Patil Sir explains to students how to test their project, how to implement and maintain their project as well as to keep documentation of their project. He explains to students all the basic things about the project.



Mr. Mahesh Bhavsar cleared all the basic things about the project.

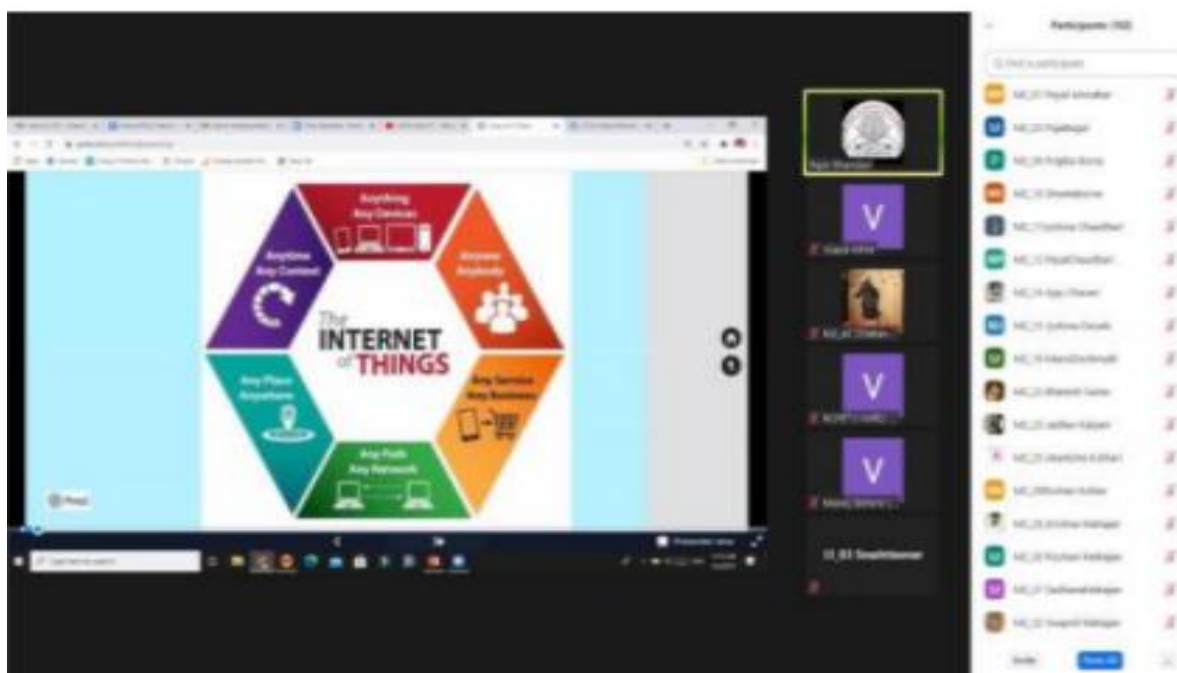


Participant while attending Workshop

9. Webinar on Recent Trends in IoT using Raspberry Pi

The CSI Student branch of R. C. Patel Institute of Management Research and Development, Shirpur organized a Webinar on “Recent Trends in IoT using Raspberry Pi ”on 6th March 2021. Total 102 students were present for this webinar from IMRD College. For this webinar cum expert talk we invited resource person Mr. Rajiv Bhandari, Assistant Professor, Department of Computer Science and Technology, SNJB’s College of Engineering, Chandwad, Nasik, Maharashtra, India.

In this webinar session he focused Which recent things of internet? , What is IoT?, Security, Smart city, Transportation Block chain technology IoT , Connectivity - Wi-Fi and Li-Fi IoT, Big Data Analytics, What makes IoT Analytics Different?, Authentication in IoT, Interoperability (Phone charge), Introduction of Raspberry Pi?, Adriano mode Raspberry Pi 3, Operating Systems of Raspberry MagPi, Practical Implementation Sensors and Actuators using RPi, Common Sensors- Motion, Gas Sensor, GPIO Pins (General Purpose Input Output Pins), GPIO –have two parts – BOARD(internal mode) & BCM(outer mode) Bread Board and Jumper Wires IR Sensors.



Mr. Rajiv Bhandari introduce the Internet of Things

10. Six Days Online Python Training Program by Global Talent Track, Pune

Training and Placement Cell of IMRD organized “Six Days Online Python Technical Training program” in association with Global Talent Track Pune. This training was organized for MCA 2nd and IMCA4th year students. Total 80 students participated in Training program.

Training was started from 9th March 2021 to 15th March 2021. Mr. Somiron Mitra from GTT was the Resource person available from GTT, Pune. This training program was conducted online through zoom meetings every day for 4 hours. Students gave wonderful response to the program. The session was planned to aware students with the Python technical skills and to improve employability skills. In this session, Mr. Somiron Mitra guided students on following points:

- Introduction to concept Python programming.
- Object oriented programming structure
- Class , Objects
- Data types
- Stack , Queues
- Examples of technical python programming and interview questions on the same.
- Along with the technical training Mr. Somiron guided students on Softskills. He shared importance of communication skills, Presence of Mind.

This was very fruitful session for MCA/IMCA students through which they came to know the technology which is mostly used by IT industries and how they can upgrade their skills for the same.

The screenshot shows a Zoom meeting window. The main content is a presentation slide from R. C. Patel Educational Trust's Institute of Management Research and Development, Shirpur. The slide is titled "Training and Placement Cell Organizing 6day's Python Technical Training in association with Global Talent Track, Pune". It lists the Resource Person as Mr. Somiron Mitra and provides the date (9th March to 14th March 2021) and time (12pm to 4pm) for MCA 2nd and IMCA4th Year students. A diagram on the right shows a career path from "THIS WAY" through "CAREER" to "EMPLOYMENT" and "Jobs". A participants list on the right shows 44 participants, including M2_66 Pooja Shinde, M2_69 Prajaktasawane, M2_71 Ashwinthakare, M2_72 Manothakare, and Navmit Kumar.

Mr. Somiron Mitra introduced with the concept of Python programming.

The screenshot shows a Zoom meeting window with a grid of 20 participants. The participants are arranged in a grid, with some names visible like Neelanjana Sarkar, Archana Jade, Manoj Behere, SomironMitra_Trainer_G, and M2_69 Prajaktasawane. A chat window on the right shows a message from Adishree to everyone with a Zoom link and a meeting ID (973 8257 7446) and passcode (611361). The chat also includes a link to a Google Form for attendance.

Mr. Somiron Mitra explains the examples of technical python programming and interview questions on the same.

11. Project Development Workshop

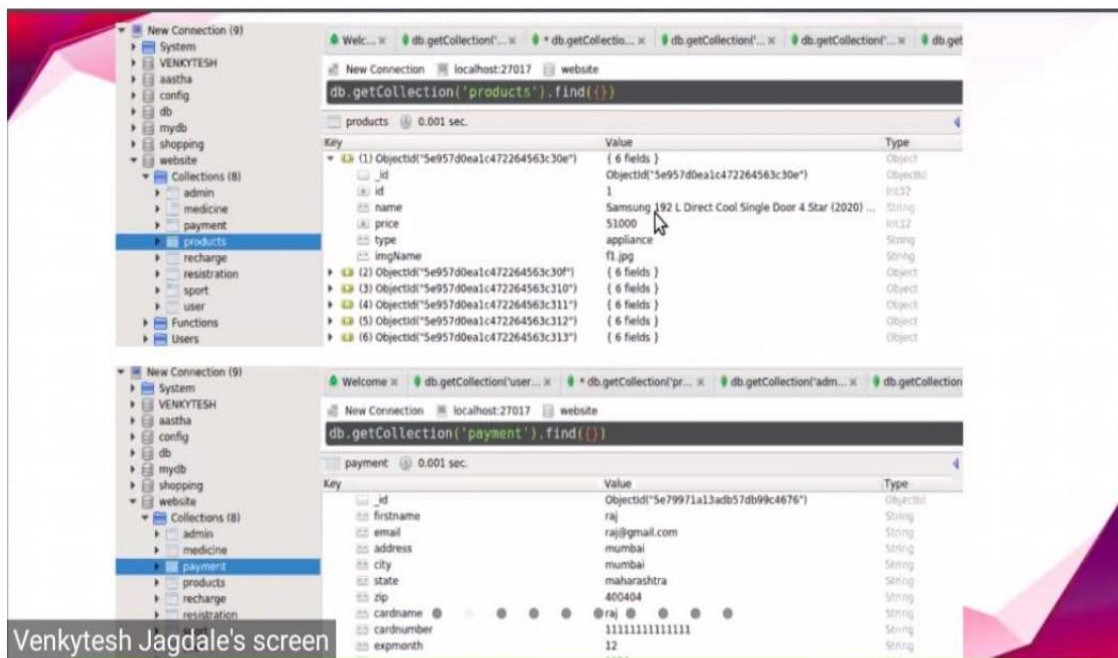
The CSI's student branch of Institute organized a "Project Development Workshop" on 13th March 2021 for IMCA-3 year students. Total 50 students were present in this workshop. For this workshop cum expert talk, we invited resource person Mr. Venktesh Jagdale, Web Developer, AccionLabs Mumbai.

Mr. Venktesh in his session focused on what is project, how to develop project? life cycle of project development, front end, back end, project title selection etc. He also demonstrated some hands-on things.

Students enjoyed this workshop. All the students thanked the CSI's student branch, MCA and IMCA Department for organizing such a useful workshop for them.



Mr. Venktesh Jagdale explains the life cycle of project development



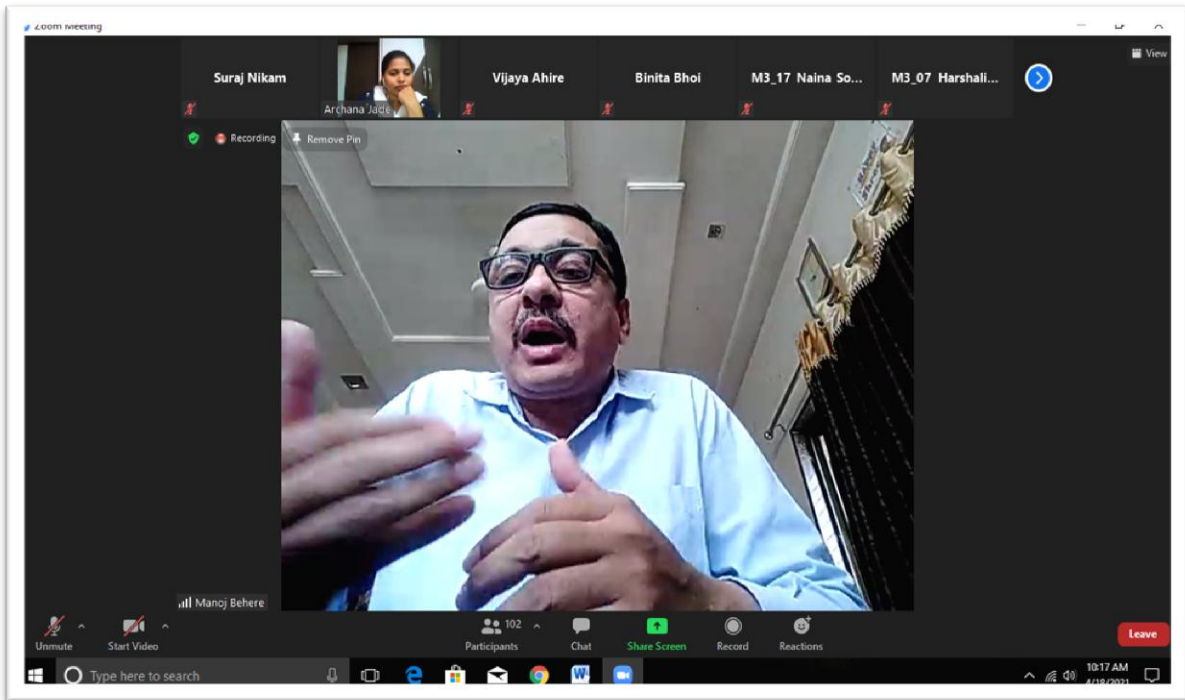
Mr. Venktesh Jagdale provides practical session on Project development

12. Pre-IT Workshop for MCA and IMCA

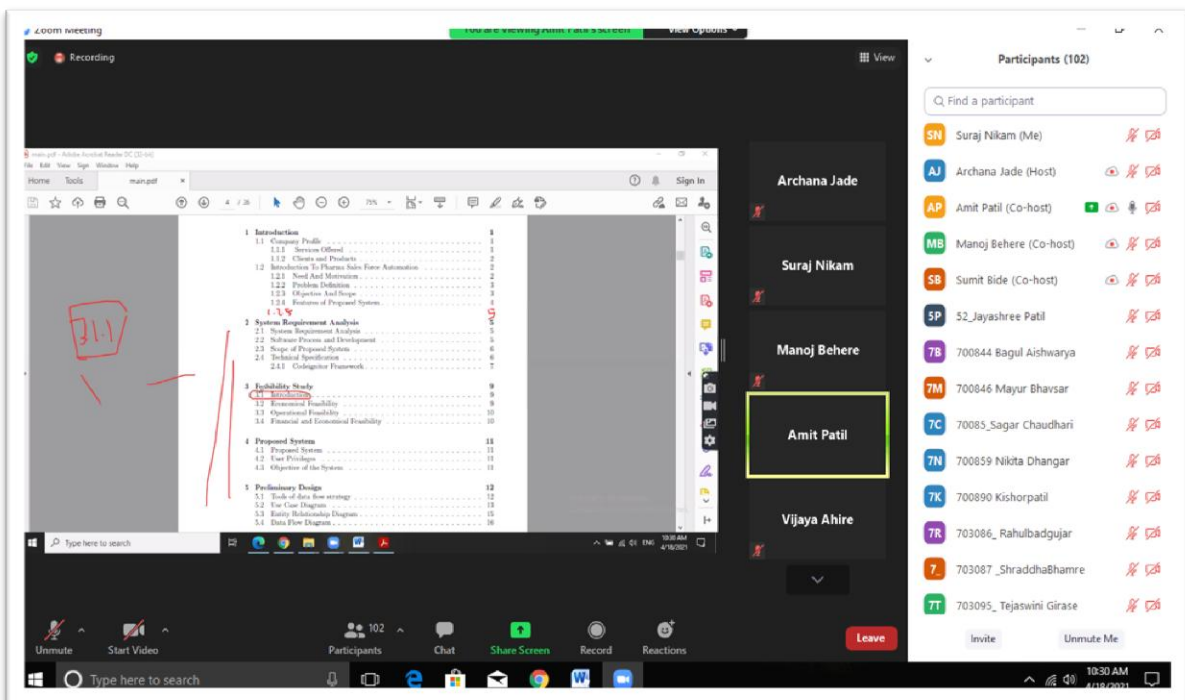
Pre-IT workshop was organized by IMRD for MCA and IMCA final year students on 18th April 2021. Total 107 participants attended this workshop. The main objective of this workshop was to give an idea to MCA and IMCA students about their sixth semester of project development which they need to complete in IT industry. Pre-IT workshop for final year students conducted regularly in IMRD to make students ready and aware them about the overall understanding of Industrial Training.

Initially, Training and Placement Officer Mrs. Archana M. Jade welcomed all participants. Assistant Director and HOD of MCA/IMCA Department Mr. Manoj N. Behere sir gave the forewords. Mr. Amit P. Patil told about Latex benefits, different templates, installation etc. He also gave live demonstration of Latex to students. Mr. Sumit K. Bide explained importance of various diagrams, standard tools for drawing diagrams. He also told about MS-Visio software with demonstration.

Mr. Behere sir conducted session on IT awareness in which he spoke about importance of industrial training, its objectives, project myths, internal and external project examinations, assessment etc.



Asst. Director, Manoj Behere explains importance of industrial training



Amit Patil explaining about the Feasibility Study of the Project

13. Webinar on Digital Marketing: Future of online business

Webinar on "Digital Marketing: Future of online business." under Institutional chapter of AIMS International at RCPET's IMRD on 31st August 2021. This webinar was organized for Second and Third Year Students. There were 254 students present for the webinar.

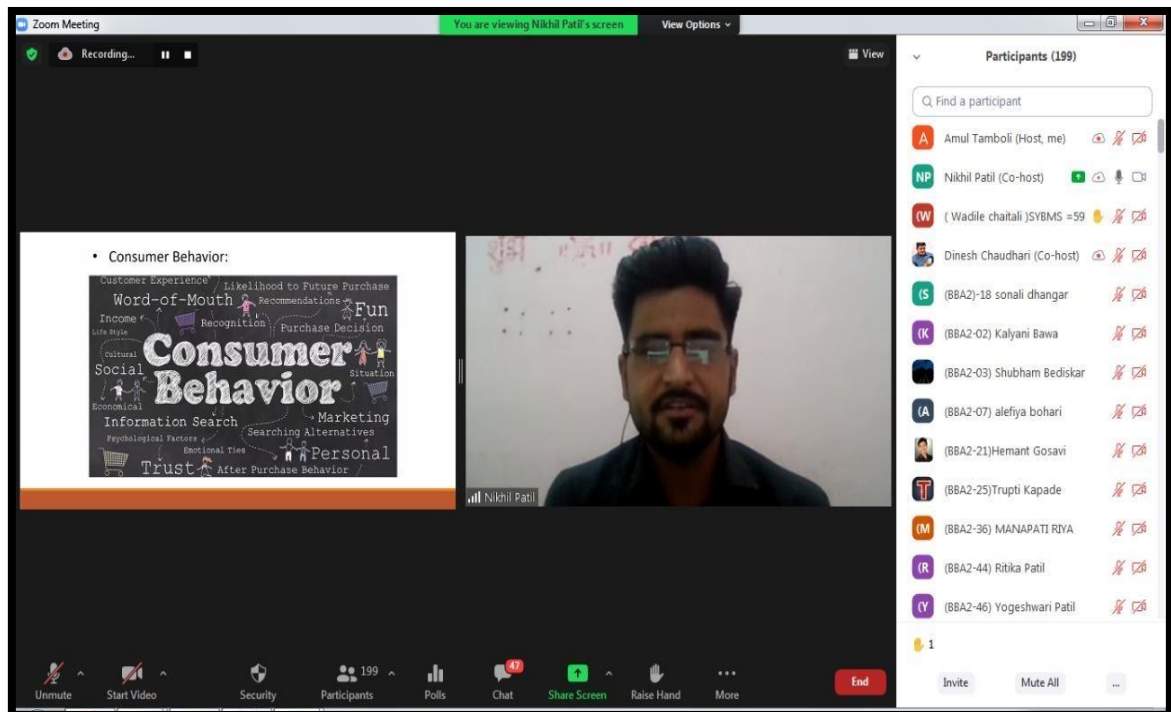
The main objectives of the webinar was:

- To introduce students to the terms in Digital Marketing.
- To know the process & current technologies in online businesses.

Mr. Amul Tamboli introduced the Resource Person Mr. Nikhil Patil. Patil Sir began with the explanation of basic concepts in digital marketing to the students. He explained the scope for the online businesses and current application of Digital Marketing. The agenda of the webinar was discussed that contained few discussions like comparison of digital vs traditional marketing, types of digital marketing, Google analytics, Website Marketing, Pay Per Click Marketing, Content Marketing, Social Media Marketing, Email Marketing, Video Marketing & finally the scope of the online marketing was explained with lots of examples and interactions to the students.



Mr Nikhil Patil introduced the concept of Digital Marketing



Mr. Nikhil Patil explained the Consumer Behaviour in reference with Digital Marketing

14. IT Development Technical Webinar by Internmeet

Training and Placement cell organized Technical IT Development one week webinar from 31st Aug to 7th Sept 2020 for MCA/IMCA and MMS final year students. Total 101 students participated in this webinar. Mr. Shankar Khachare CEO and Director of Internmeet, Pune conducted these all session for students.

During this webinar many threads were covered by Mr. Shashank sir. He spoke with students on different IT domains and how to prepare for the same. :

- **Website Development**
- **App Development**
- **Software Development**
 - Front-End Technology
 - Back-End Technology
 - Technology Selection
 - Job Opportunity
 - Required Technology
 - Our Skill set
 - Future Scope
 - Career
 - Placements
- **Development Types:** Static Development and Dynamic Development.
- **Trending Technology**
 - Full Stack Development
 - MEAN Stack Development
 - MERN stack Development etc.

It was great knowledge shared by Mr. Shashank to all students which will be helpful to upgrade their skills and select right career opportunity.

shankar kachare is presenting

puja patil and 81 more

11:20 AM

WELCOME WEBINAR

DAY-2 TECHNOLOGY SELECTION

- Technology selection
- Development Types

Pruthvising Rajput has left the meeting

Training & Place...pptx

Show all

Mr. Shankar Khachare explains the development types

shankar kachare is presenting

C-12- Ankita and 76 more

12:29 PM

FRONT-END TECHNOLOGY
BACK END TECHNOLOGY
FULL STACK TECHNOLOGY
MEAN STACK TECHNOLOGY
MERN STACK TECHNOLOGY

FULL STACK = FRONT END + BACK END + DATABASE.

MEAN STACK= MANGO DB+ EXPRESS JS + ANGULAR+ NODE JS.

MERN STACK= MANGO DB + EXPRESS JS + REACT JS + NODE JS.

Jaswant Rajput harsh borase

C-03-Karishma Sarje C-58 Gitanjali

shila pawara Dr. Marathe Sir

M3_48 BhushanChaudhari IS_43Charushila Patil

shankar kachare

Mr. Shankar Khachare provides deep knowledge in different Technology

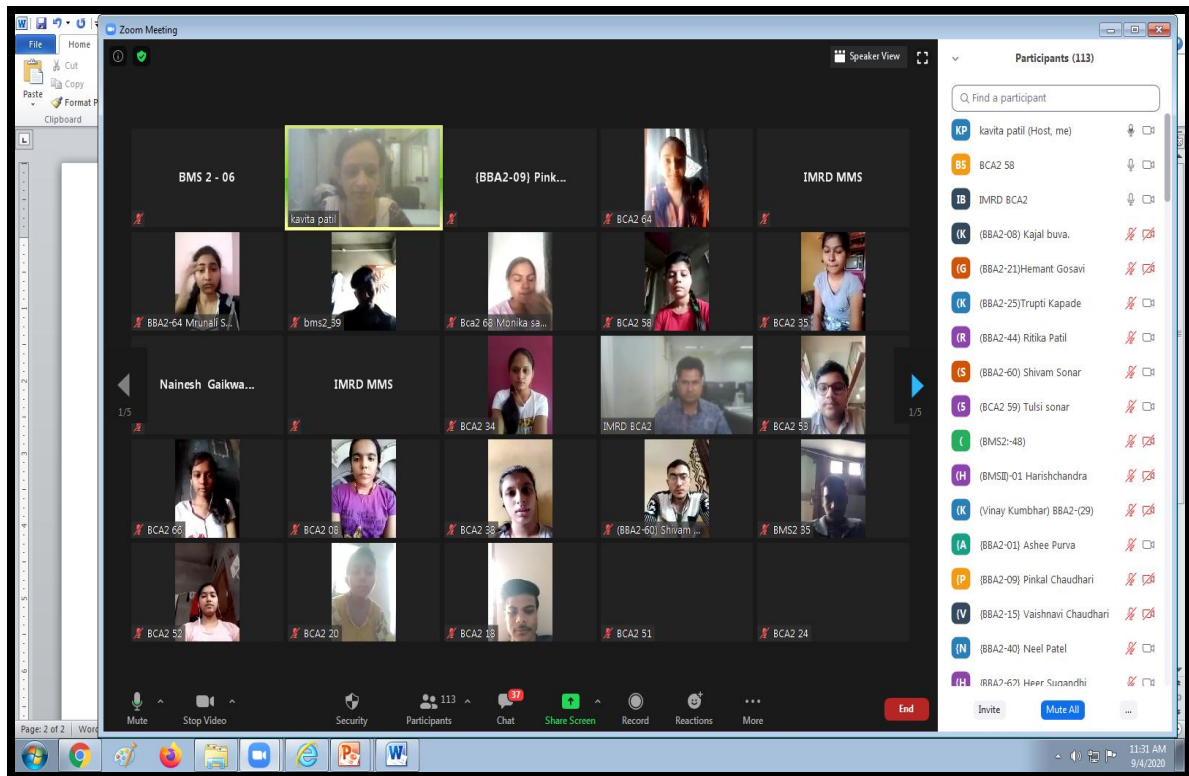
15. Online E-Resources Awareness Program (UG)

Library Department organized online sessions on “**Online E-resource Awareness Program**” for UG Department - BCA-IInd, BBA-IInd and BMS-IInd year students and BCA-IIIrd, BBA- IIIrd and BMS-IIIrd and also for PG dept- MCA- IInd, MCA- IIIrd, IMCA-IInd IMCA-IIIrd, IMCA-IVth & IMCA-Vth and MMS-IInd year students. The total 529 students were present for the E- Resources Awareness Program. The Online session was conducted from 09th -11th September, 2020. Resource Person for this program is Ms. Kavita Patil madam

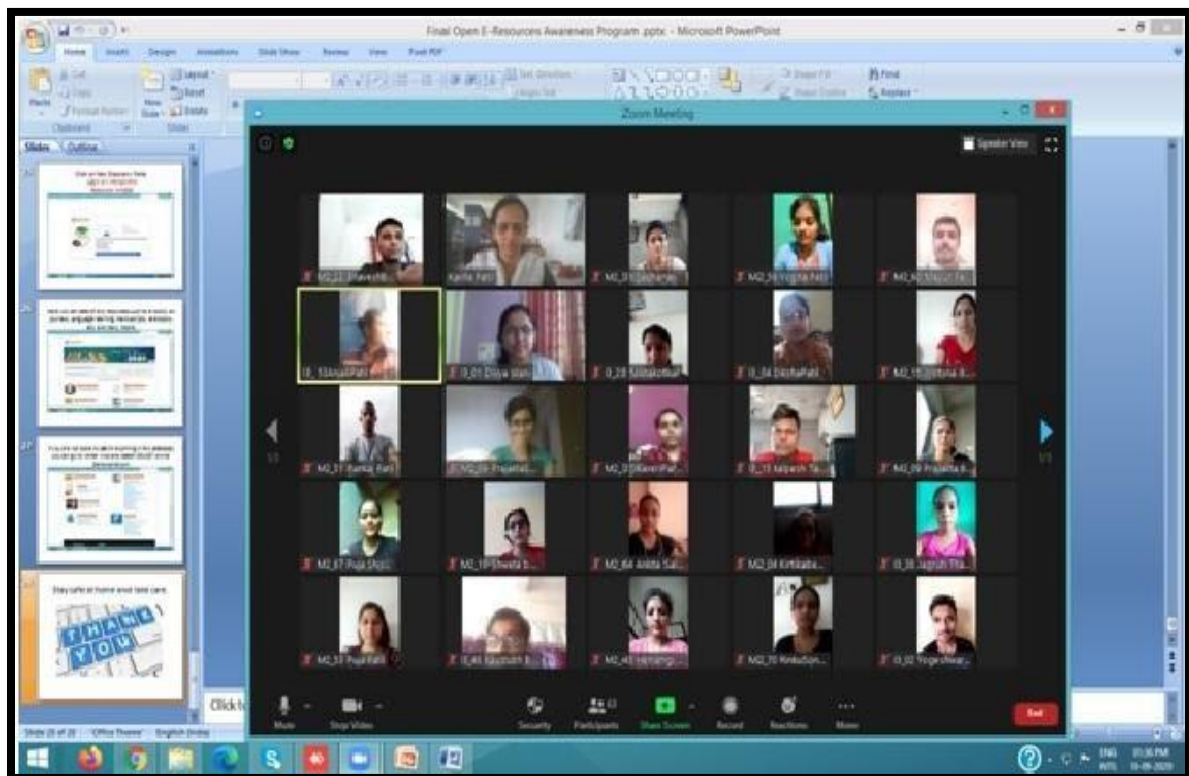
The main objective behind arranging this program was to make the students aware about free E-Resources and subscribed E-Resources by our institute. During this COVID-19 Pandemic, information outbreak is enormous; this was the right time to remind the students about the importance of libraries and its resources.

Electronic resources (E-resources) are materials in digital format accessible electronically. Examples of e-resources are electronic journals (e-journal), electronic books (e-book) online databases in varied digital formats, Adobe Acrobat documents. By using these e-resources, student can fulfil their need of knowledge and information can be accessed anywhere at any time.

Main advantages of using these E-resources are 1. Rapid dissemination of information 2. Expanded access to learning. The different types of e-resources that can be accessed by students are E-books, E-journals, Databases, CDs/DVDs, E-conference proceeding, E-Theses, E-Newspaper, Internet/Websites, Newsgroups, Subject Gateways etc. All this information was given to the students so that they will be able to search and can find right information at the right time.



Kavita Patil madam gives information to E- Database to the students



Kavita Patil Madam solving the query of student regarding digital library