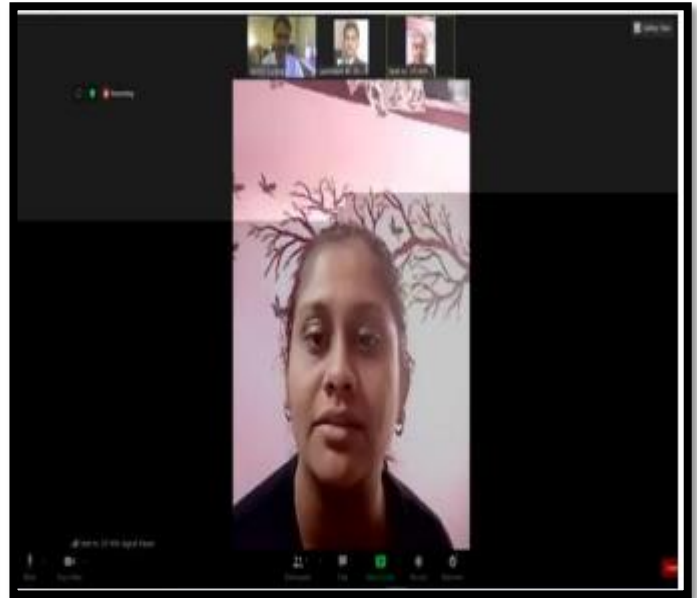2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

Statistical Data of A.Y2021-22

Activity	Class	Total Students
Project Presentation Competition	BBA and BMS	118
Project Development Workshop	BCA-III	66
	BBA-III and BMS-III	131
MiniProject	MCA	66
	MCA(Integrated)	61
	BCA	63
Poster Presentation Competition	IMCA-I	54
	BCA-I, BBA-I and BMS-I	322
Software Exhibition	IMCA-III	55
Hackathon 1.0 & 2.0 Competition on Website Design & Exhibition	BCA-I and SYBCA	220
Induction Activities	BCA, BBA and BMS	326
	MCA	126
	MCA(Integrated)	55
Online Courses(Spoken Tutorial)	MCA	248
	MCA(Integrated)	168
Online Teacher's Day Best Message Competition	BCA, BBA and BMS	47
State Level Online C++ Quiz Contest	MCA, IMCA, BSc, BCA students	625
Career Guidance Session for MCA/IMCA Final Year Students	MCA and IMCA final year students	80
Webinar on Full Stack Development	IMCA-2 and IMCA-4	90+
Two Days' Skill Development Sessions for BBA-III	BBA-III	38
12 Days Skill Development Training by Infosys, Bangalore	BCA, BBA and BMS Final Year	120
12 Days Skill Development Program	BCA-I	114
Workshop on Future of Startups in Tier-2 and Tier-3 Cities	All classes	116
Workshop on Gender Sensitization	All classes	600
Class Level Presentation Event on Small Sector Industries (SSI)	BBA-II	77
Nutrition Party	BCA-I (Div-A)	
Seminar on Awareness about Ragging, Social Media and Crime	All classes	148
Seminar on "Self-Defense Awareness"	All classes Girl students	194
GK Quiz Competition on Bhagat Singh	All Class Students	151
Virtual Power Point Presentation Competition	BBA-I	116

Pre-IT Workshop for MCA and I-MCA	MCA and Integrated MCA	117
Inauguration of Swayam siddha Abhiyan (8 Days Self-defense Training)	All classes Girl students	87
University Level Best Business Idea Competition	University Level	58 teams (134 students)
ANWESH- Field Work Power Point Presentation Competition	BCA-III	66
Motivational Talk	MCA-I	95
Online Rangoli Competition(World Organ Donation Day)	All classes	31

Project Presentation Competition:

Project Presentation Competition

The objectives were to enhance analytical skills of students, to depict thorough knowledge of the domain subject, to develop decision making abilities, to develop presentation and communication skills, to impart research knowledge, skills through project report presentation.

Project Development Workshop:

The main objective behind this workshop was to guide students about project development. The resource persons explained project planning and title finalization, SDLC, form designing, coding practices, database and relationships, project documentation etc. to the students. In this workshop a live website was also demonstrated which was based on E-commerce. In this demonstration, resource persons explained admin modules, user modules etc. This workshop was the best platform for students to understand the project development process, different modules, functionalities, reports and information structure.

Mini Project Report:

A

Project Report

on

"Jivanseva Group"

At

Jijai Technologies Pvt Ltd, Pune

Submitted By:

Harshada Dnyaneshwar Deore

To

RCPET

R C Patel Educational Trust

Institute of Management Research &
Development, Shirpur

North Maharashtra University, Jalgaon

Guided By:

Prof. Rahul Badgujar

In the partial fulfillment of the requirement for the award of
the degree of Master of Computer Application

2021-22

Mini Project Report

The objective of this mini project is to make students aware about software development life cycle along with project knowledge. This activity helps students to boost skills, grow the whole programming knowledge which can be utilized in interviews or placements. The organization awards Best mini projects by some prize. Mini projects help students to boost skills. Each student has one project guide which is assigned by mini project coordinators. The project guide keeps track of project development activities along with solving theoretical queries of students about software projects. The main object behind this activity is to let the BCA, MCA and MCA (Integrated) students apply the technical knowledge into a real- world problem and exposed the students how programming kills supports in developing software projects.

Poster Presentation Competition:

Student's creative posters

The objective of this kind of competition is to provide an opportunity to learn by doing, identify their talent and to improve their communication, demonstration skills. Institute organizes many poster competitions like Srujan.
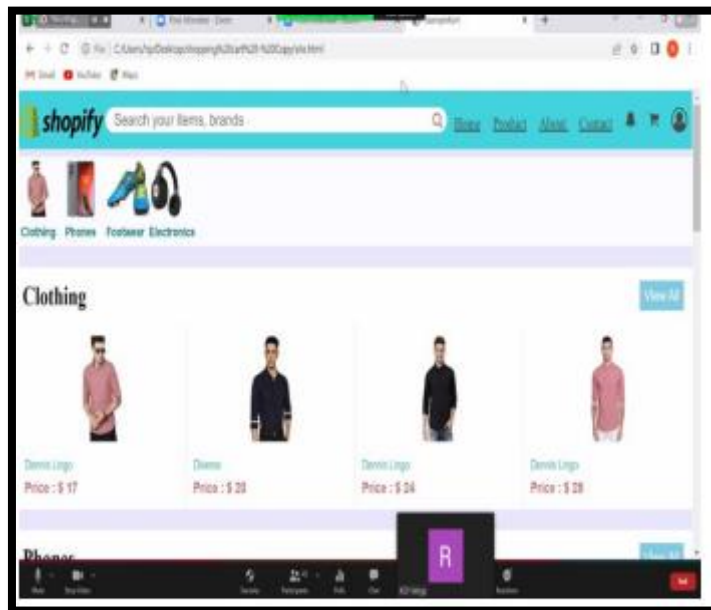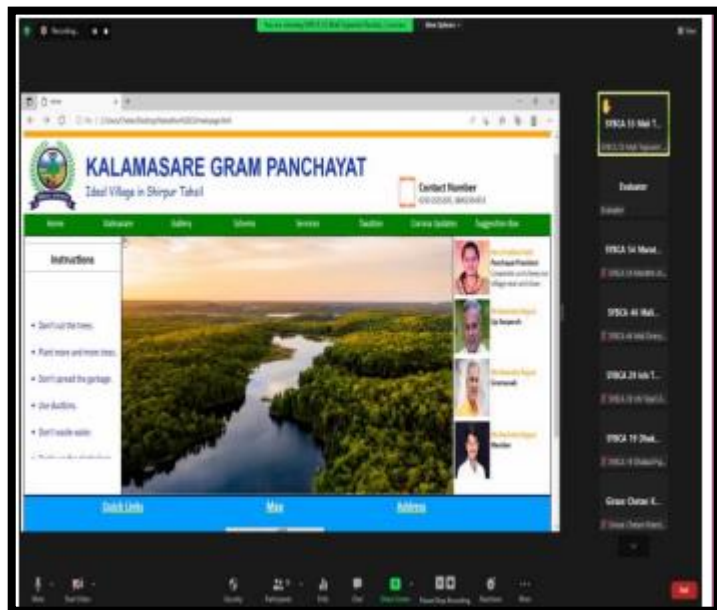
Software Exhibition:

Students Demonstrating Project

The main objective of this activity is to understand all the phases of software development, Data Gathering, Data Analysis, Design, Coding, Testing etc. The main objective of this activity is to improve the practical abilities of students and also to expand their confidence level. By this competition student got knowledge about all stages of software development which will be very advantageous for the future.
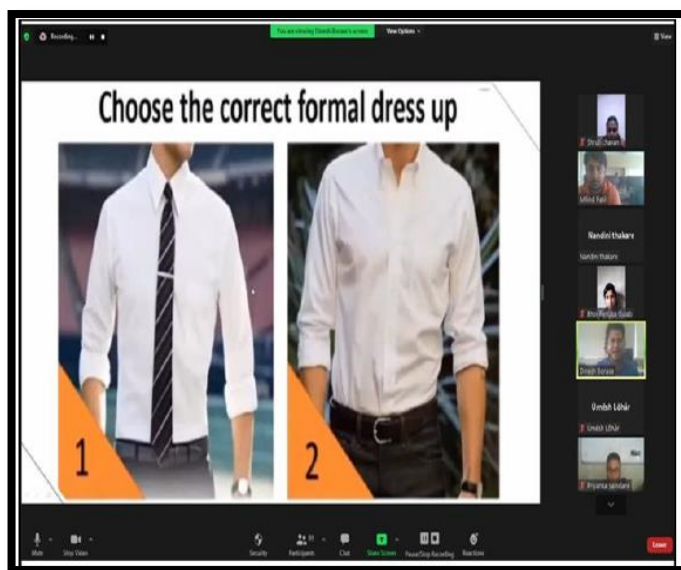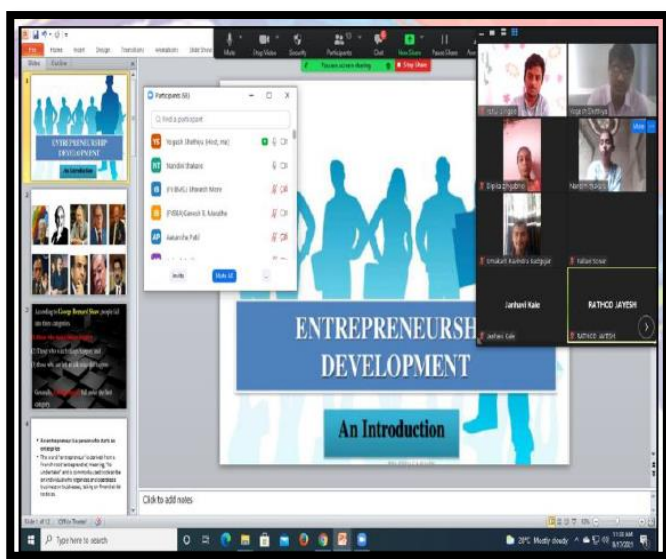
Hackathon 1.0 & 2.0 Competition on Website Design & Exhibition:

Active Participation of students in Hackathon 1.0 & 2.0 Competition

The competition was based on different themes such as Nationality, E-Commerce, Education and Environment. The objectives of competition were to improve student's ability to work and collaborate in a group, to develop effective, creative and innovative website design solutions. The competition was divided into three phases: - Website design and development in a given one month time; Presentation of a developed website and the website exhibition.

Induction Activities:

Active Participation of students in Induction Activities

Induction Program was organized in IMRD for First year UG & PG students. The objective of this program was to acclimatize the students to the new environment and get them acquainted with the institution culture. The induction program comprised of activities such as Welcome and Academic Orientation to the Discipline of Study, Introduction of Faculties, Presentation on Etiquettes and dressing sense for students, session on introduction of cultural events, sports activities and NSS cell, session on examination system, session on Career Enhancement, innovative quiz, session on creative arts, introduction of career oriented certification courses, vocational courses etc.

Online Courses(Spoken Tutorial):

Students Certificate of Online Course

The main objective to run this activity in our institute, to make students aware about the online certifications which were provided by Coursera, SWAYAM, Spoken tutorials etc. Here students can select from hundreds of courses, almost every course that is taught at the university or college level and these shall be offered by best of the teachers in India and elsewhere. Institute provides various facilities to students like Lab availability, Headphones, Mic etc.

Online Teacher's Day Best Message Competition:

Sr. No.	Name	College Name
1	Yashodip Vijay Patil	Jay Yogeshwar Art's and Science College, Amalner
2	Snehal Ishwar Dusane	Shri. Shivaji High School and Junior College, Navapur
3	Gopal Prafulla Behere	Abhay College, Dhule
4	Vrushali Pralhad Alhat	Kamla Nehru Jr. College, Nandurbar
5	Harshvardhan Atul Wagh	R.D.M.P High School and Jr. College, Dondaicha

Winners of the Competition

This activity is conducted on every teacher's day to reach out to the various remote schools & express the gratitude of students towards their beloved teachers in the manner of written messages. Top messages are given prizes & certificates by respective schools which are sponsored by our institute.

State Level Online C++ Quiz Contest:

State Level Online C++ Quiz Contest

This contest helped students to improve their C++ programming skills and assisted to exhibit their talent in the field of IT. The main objective of this contest was to help the students to develop their C++ programming language skill.
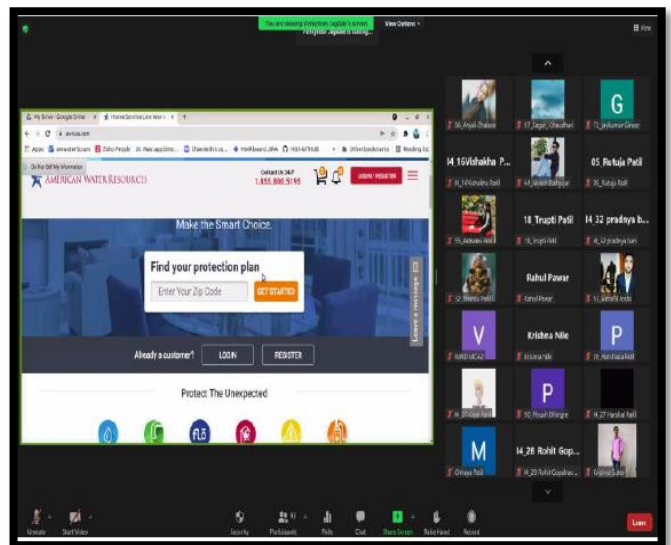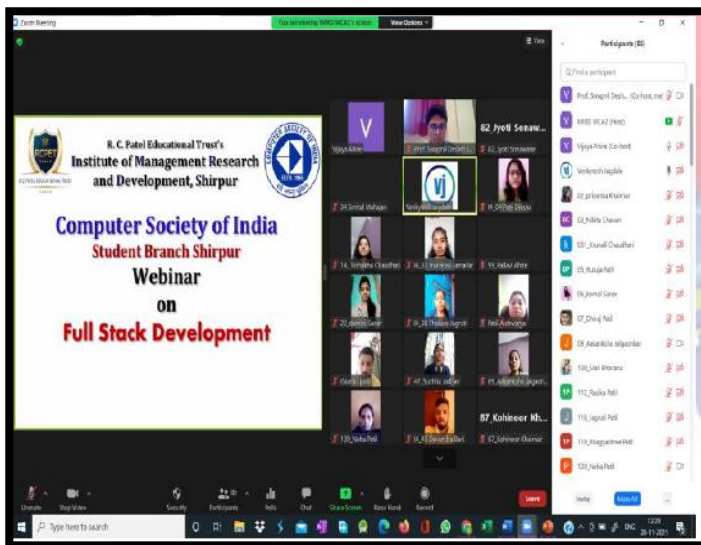
Career Guidance Session for MCA/IMCA Final Year Students:

Career Guidance Session for MCA/IMCA Final Year Students

Mr. Rajiv spoke with students about different topics like challenges for MCA/IMCA last year students, skills and right-skills for successful career in IT industry, skills of updated technology in IT world, importance of communication skills, IT market and pandemic situation, digital movement, current opportunities, fresher's deployment, huge demand in cloud computing, full stack, AWS, Azure, work from home structure, diversity initiatives across India etc.

Webinar on Full Stack Development:

Active Participation of students in Webinar on Full Stack Development

The objective behind this webinar was to give basic knowledge of full stack development with its future job opportunities. Mr. Venktesh Jagdale, Web Developer, Accion Labs, Mumbai was invited as a resource person for this webinar. In this webinar, Mr. Venktesh covered various topics like full stack development, JavaScript, HTML, CSS, how github used in company, how to develop project in company etc.

Two Days' Skill Development Sessions for BBA-III:

Two Days' Skill Development Sessions

The objective was to teach the leadership skills and business skills to the students through simple management activities of team work and coordination. The trainers used specific management games to warm up the students. They tried various ice breakers to make students talkative. They encouraged students to come up and speak to the crowd.
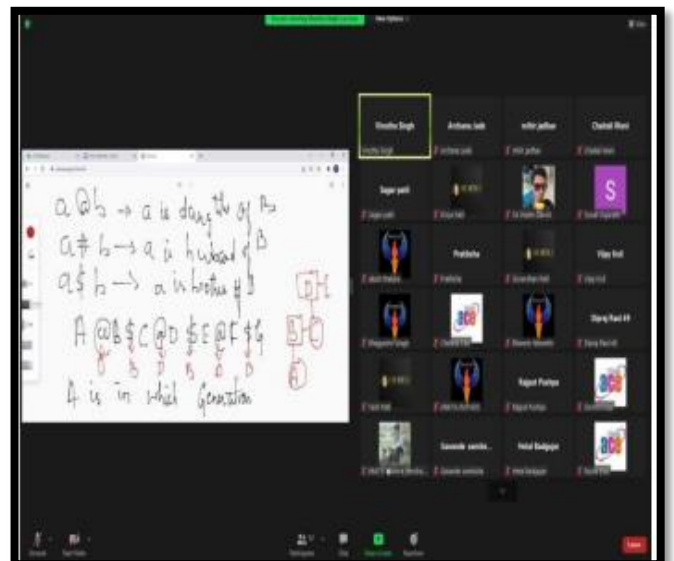
12 Days Skill Development Program:

12 Days Skill Development Program

During these 12 days students were trained on following skills: • Aptitude Skills • Logical Reasoning • Communications Skills • Soft Skills and Personality Development. For this training program we had invited Mr. Vishwajit Dhupe, Mr. Mushraf Hasan and Mr. Rakesh Palkhe from Mumbai, who trained students on the aptitude, logical reasoning, communication and soft skills. Technical training was also conducted in online mode using zoom meetings where students were trained on basic concepts of C and C++, Database, Data structure.

12 Days Skill Development Training by Infosys, Bangalore:

12 Days Skill Development Training by Infosys, Bangalore

In this training program Ms. Keerthi Chalakaran and Ms. Seroja Manoj trained all students on different topics like communication skills, business writing, essay writing, email writing, grammar, interview skills, resume writing, analytical problem solving, group discussion, telephone etiquettes and customer service details via different activities.

Workshop on Future of Startups in Tier-2 and Tier-3 Cities:

Workshop on Future of Startups in Tier-2 and Tier-3 Cities

In this workshop, we invited Mr. Harshal Vibhandik, founder member of Udyog Prabhodini, Dhule and Mr. Shriram Deshpande, CA, founder member of Udyog Prabhodini, Dhule. Total 116 participants were there. The main objective of this workshop was to introduce opportunities of startups in small cities to students.
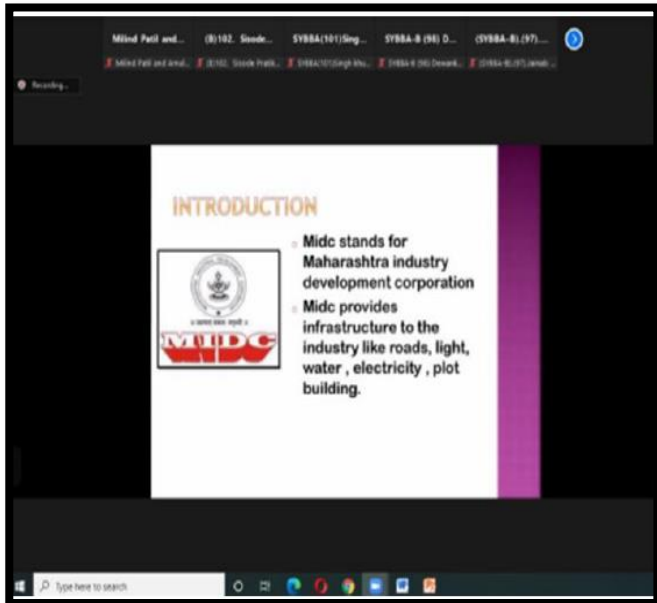
Workshop on Gender Sensitization:

One day Workshop on Disaster Management

The objective behind organizing this workshop was to motivate students to establish an unbiased environment and sensitize them to have equal rights for girls and boys in the society. The resource persons gave an exercise on how gender operates as a system. Short film clips on gender sensitization and masculinity were presented by both of them. He gave knowledge about what is sexuality, gender based violence, the nature and forms of violence through short film clip on violence. They also discussed a few topics related to violence with students.

Class Level Presentation Event on Small Sector Industries (SSI):

Student while giving presentation

The objectives behind this competition were to motivate students to improve their presentation skills and to make students aware about the SSI sector in India. Students prepared power point presentations on various topics of the subject. The various parameters for judging the students were communication skill, body language, content coverage, confidence level etc.

Nutrition Party:

Glimpses of Nutrition Party

The party was aimed at, who snack by grabbing burgers, fries, potato chips, or chocolates. At the first students formed committees to handle the program and assigned specific tasks to each committee. Students were divided into groups and a specific name and color was given to each group. The students did floral art on the floor and decorated the blackboard. They also decorate the class with air balloons to make it look attractive.

Seminar on Awareness about Ragging, Social Media and Crime:

Mr. Bharat Chavan, Constable, Shirpur Police Station while guiding to students

PSI - Mrs. Chhaya Patil, explained about various forms of ragging, domestic violence, misuse of social media etc., and the laws available against it. She also explained about the process of appealing, complaints, emergency help by dialing a number 112 etc. She also interacted with the students and explained their duties towards society.

Seminar on "Self-Defense Awareness"

Mrs. ChhayaPatil, PSI, Shirpur Police Station while addressing to students

The objectives of this program were to aware girl students about self-defense, laws for women's safety and rights, ragging, cyber safety. Mrs. Chhaya Patil madam during her talk told the issues of girl students, how to be safe and gave awareness of self-protection to girl students. Mrs. Chhaya Patil threw a light on issues of ragging, domestic violence, misuse of social media etc. She also explained the process of appealing complaints and showed some practical demonstrations of self-defense.

Online GK Quiz Competition on Bhagat Singh:

Every year 23rd March is observed and celebrated as a "Shaheed Diwas" with great passion and unity across India. It is celebrated in remembrance of the three revolutionaries of India who were hanged to death by the British namely Bhagat Singh, Shivaram Rajguru and Sukhdev Thapar. The NSS Unit of Institute also organized a GK Quiz Competition on Bhagat Singh in which total 151 students participated.
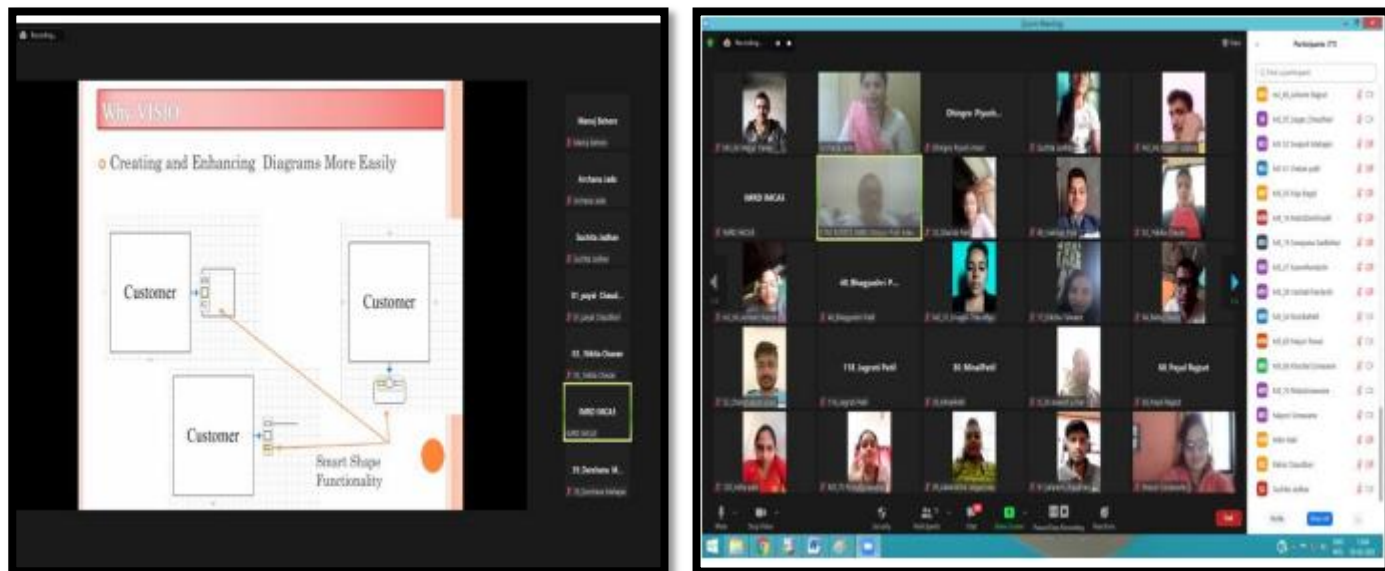
Virtual Power Point Presentation Competition:

Virtual Power Point Presentation Competition

The objectives of the competition were to enhance the soft skills among students, to develop the art of public speaking and to encourage self-learning among students. The competition created a positive environment amongst the students wherein they were high on spirits and enthusiasm, that urged them to showcase their creativity to their optimum level.

Pre-IT Workshop for MCA and I-MCA:

Pre-IT Workshop for MCA and IMCA

The main objective of this workshop was to give an idea to MCA and Integrated MCA students about their sixth semester of project development which they need to complete in the IT industry. Pre-IT workshop for final year students to make students ready and aware them about the overall understanding of Industrial Training

Inauguration of Swayamsiddha Abhiyan (8 Days Self-defense Training)

Inauguration of Swayamsiddha Abhiyan (8 Days Self-defense Training) Program

The main objective behind this training program was to prepare girl students to face unexpected situations and also to increase mental and physical health.

University Level Best Business Idea Competition:

Students Demonstrating Business Idea

The Entrepreneurship Development Cell of the Institute organized a University Level Best Business Idea Competition (BI to BI:-Business Idea leads to Business Intelligence) in three phases. The main objective of the competition was to provide a platform for the students to present their entrepreneurial ideas

ANWESH- Field Work Power Point Presentation Competition:

The winners are as follows;

Rank	Student Name
1	Borase Gaurav Nilkanth
2	Kulkarni Shubham Rajendra
3	Patel Darshana Sumanchandra
4	Patil Vaishnavi Rajesh
5	Rathod Ankita Yogesh
6	Thakre Madhuri Rajendra

Students presenting field work presentation

The objectives of this competition were to create awareness among students about different websites, applications, to develop student's presentation skills, to understand the meaning and importance of research, data collection, data interpretation etc. through field work study

Motivational Talk:

Motivational Talk

The objective of this session was to motivate and aware students about top in-demand soft skills that organizations desire in fresher. In this session, Mr. Nitin focused on essential soft skills that are required in IT. He explained the importance of soft skills, communication, time management, creative abilities and more. He also said that soft skills are becoming more necessary than ever, it also helps working professionals to perform effectively on assigned projects without compromising productivity and quality of work. He focused on emotional intelligence, ability to work under pressure, communication and interpersonal skills, positive attitude, teamwork, strong work ethics etc.

Online Rangoli Competition (World Organ Donation Day):

Student's Creative Rangoli

On the Organ Donation Day, the entire world together focuses on organ donation so those who don't have any information about organ donation or are running of lack of information can have proper information about it and can go for it too. On the Occasion of World Organ Donation Day NSS Unit of Institute conducted Institute level Online Rangoli Competition on the Theme "Importance of Organ Donation" through the Google form.