



LSSBM
Padm. Dr. V. B. Kolte College of Engineering,
Malkapur

Muktainagar Nagar Road, Dist-Buldana, State-Maharashtra

NEWS LETTER
2020-2021

Department of Mechanical Engineering
(Polytechnic)

Vision

To impart quality education among students by enhancing their learning aptitude and gearing up them with intellectual, Physical, analytical & practical capabilities.

Mission

1. To provide high quality broad-based education and experience based learning in engineering.
2. To impart state of the art engineering education through strong theoretical foundations and practical training to students in their choice of specialization.
3. To imbibe in the students, basic human values in order to help them, develop individually.
4. To provide education at reasonable expenditure, especially for middle class population.

Departmental Advisory Board

Sr. No.	Name of Member	Designation
1	Mr. G. V. Gadge	Chairman
2	Mr. S. M. Bhole	Secretary
3	Mr. S.N. Khachane	Member
4	Mr. S. S. Patil	Member
5	Mr. P. B. Bhise	Member
6	Mr. A. P. Jaiswal	Other Institute Representative
7	Mr. D. B. Narkhede.	Industry Representative
8	Mr. A. N. Patil	Alumni Representative
9	Mr. Vilas Ingle	Parent Representative
10	Mr. Tenuram Baviskar	Student Representative

MESA

Sr. No	Name of Cordinator	Post
1	Mr. Ganesh V. Gadge	Staff Co-ordinator
2	Mr. Sachin M. Bhole	Staff Co-ordinator
3	Mr. Tenuram Bawiskar	Students Co-Ordinators
4	Ms. Achal Hiwrale	Members
5	Mr. Nilesh S. Rane	Members
6	Mr. Saurabh Bharambe	Members
7	Mr. Dhiraj. R. Ingle	Members

About Department

Mechanical Engineering Branch (Diploma) has been started since 2011-12. Six batches of the students have been passed out till summer 2019. Department had been started with two classrooms but at present condition there are sufficient classrooms and 13 well developed laboratories available at the Mechanical engineering department. The pillars of the department are well qualified and dedicated staff.

Mechanical Engineering

HOD'S Message








Mr . G. V. Gadge
ME (CAD/CAM)

Mechanical Engineering is the basic branch of Engineering in which study of design, development, manufacturing, analysis & maintenance of different systems are included.

Mechanical Engineering Department of VBKCOE is well equipped with state of the art laboratories & Facilities. Our well qualified and competent team provides both theoretical and practical education through industry-institute interaction, industrial visits; guest lectures, vocational in-plant training etc. I congratulate my students for being successful professionals and good human being an asset to the society.

Staff members:

				
Mr. S.M. Bhole BE, ME (CAD/CAM)	Mr. S.S. Patil BE, ME (CAD/CAM)	Mr. S.R. Mundale BE, ME (CAD/CAM)	Mr. P.B. Bhise BE, ME (CAD/CAM)	Mr. N.B. Firke BE (Mechanical)

	
<p align="center">Mr.R.S.Nhavkar. BE-Mechanical</p>	<p align="center">Mr .D.M.Naphade BE-Mechanical</p>

Program Educational Objectives (PEOs)

PEO1- Provide socially responsible, environment friendly solutions to Mechanical engineering related broad-based problems adapting professional ethics.

PEO 2- Adapt state-of-the-art Mechanical engineering broad-based technologies to work in multidisciplinary work environments.

PEO 3- Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Program Outcomes (POs)

PO1-Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

PO2- Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

PO3- Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO4- Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

PO5- Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

PO6- Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO7- Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes (PSOs)

PSO1: Modern Software Usage: Use latest mechanical related software for simple design, drafting manufacturing, maintenance and documentation of mechanical components and processes.

PSO2: Maintenance And Selection Of Machines, Equipment, And Instruments: Maintain and select appropriate machine, equipment and instrument in field of mechanical engineering.

PSO3: Manage Mechanical Processes: Manage the mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameter and software for a mechanical process or job for economy of operations.

Tech Tantra-2k21 National Level Quiz Competition

(Staff Co-ordinator for event- Mr. P. B. Bhise)

The National level quiz competition is held in Summer-2021 for the diploma Mechanical students where students participated in the technical quiz and have won prizes.

Mechanical Engineering Department organizes the Event “Tech Tantra” Every year. The main goal of this event is to enhance communication skill, team work and technical knowledge of students and also it develops the confidence in student to express their knowledge. In this 2021 year Quiz competitions is organized under “Tech Tantra 2K21”. Maximum students of Diploma Mechanical participated in this event. On this occasion, Dr. A. W. Kharche, (Principal) motivated students to participate in such activities and congratulated the organizing committee. The event of Technical Quiz Competition organized on 18 April 2021 and the Judge invited for this event was Mr..P.R.Dabhade ME(CAD/CAM) from Mechanical Department of Siddhivinayak Technical Campus,Shegaon. The student’s participated in this National Level technical event from our Institute as well as from different institutes.The total number of student participated was 164.

Technical Quiz 2K21(Online)			
18 April 2021			
Sr.No	Name of Participant	Institute Name	Position
01	SrikrishnaSudharshanMuraliIyengar	Pimpri Chinchwad Polytechnic, Pune	Winner
02	UtkarshNileshAwasthi	Govt. Polytechnic Nagpur	First Runner Up
03	Varadraj Mahesh Umardand	Karmaveer BhauraoPatil Polytechnic, Satara	Second Runner Up

National Level Seminar Competitions

(Staff Co-ordinator for event- Mr. S.M. Bhole)

Mechanical department organizes the Event“**Tech Tantra2k21(Online)**”. The main goal of this event is to enhance managing and administration quality of students and also it develops the knowledge and presentation skills of students.

In this 2020-21-year Seminar Presentation competition is organized under “**Tech Tantra2k21(Online)**” on ZOOM Platform. The students are participated in this event with maximum quantity. On this occasion, Dr. A. W. Kharche, (Principal) motivated students to participate in such activities and congratulated the organizing committee.

The event of National Level Seminar Presentation held on 18 April 2021 and the Judge invited for this event was Prof.S.S.Patil from Mechanical Department of Padm. Dr. V. B. Kolte College of Engineering Malkapur.

The student's participated in this National Level technical event from our Institute as well as from different institutes. The total number of student participated was 45.

Winner Notification

Name OfParticipant	Name OfInstitute	Position
Tejas Nitin Kamble	Thakur Polytechnic, Mumbai	Winner
Sahil Dhananjay Datir	Government Polytechnic, Aurangabad	First Runner UP
Rashmi Verma & Aditya Sahu	V.E.S. Polytechnic, Mumbai	
Sakshi Joshi & Pranav Kulkarni	Guru Gobind Singh Polytechnic, Nashik	Second Runner Up

Seminar Presentation Photos



KAPILA Activities (Ministry of Education-2020-21)

Mr. Abhay Jere sir gives a brief introduction about IIC and their role & responsibility how we can improve the rating of institutes regarding problem solving, innovations by taking workshops and talks. From last 2 years IIC performed near about 25000 such programs in the sense of innovation. Also focus on IP clinic & IP literacy in brief.

Also discussion about ATAL course and association with schools for technical innovations to make the new students fear free from these new things which is also helpful to raise their curiosity level for more detailing.

Dr. Anil Sahstrabudhe sir stats this event with welcome address. Today is 98th birth anniversary of our president Dr. Abdul Kalam which we have decided to celebrate as a “Innovation Day” and on this occasion we are going to inaugurate this program as well as the inauguration of new website of IIC cell third phase with target 10000 patents throughout the India which we are providing funding for AICTE approved institutes.

Dr. Abhay Jere sir & Mohit sir introduces about KAPILA with basics needs and its necessity. Sir aware about the patents registered by different counties and also aware about the real numbers of its. This program KAPILA helps to improve this numbers of patents and knowledge about innovation in our country. IIC made up for to bring all higher education institutes and educationalist to bind them in one chain all together in the sense of effective innovation.

Shri O. P. Gupta sir clarify why patents filing numbers are less in India due to our culture of sharing and lack of knowledge about IP. So it is important to aware our peoples about IP & their process. Sir also focused on national IPR policy with their objectives.

Finally Hon. State Minister Shri. Sanjay Dhotre & Education Minister Hon. Ramesh Pokhariwal guided and motivate to all IIC members, AICTE chairman, IP Cell members and all the faculty members in the direction to raise the number of patents with effective innovation ideas throughout the country.

Photographs of the Event



01. Inauguration of Intellectual Property Literacy Week & Launch of Kapila



02. Building IP, Innovation Ecosystem in Academic Institutions & IP Clinic Session

Two Days Workshop on World of Automation

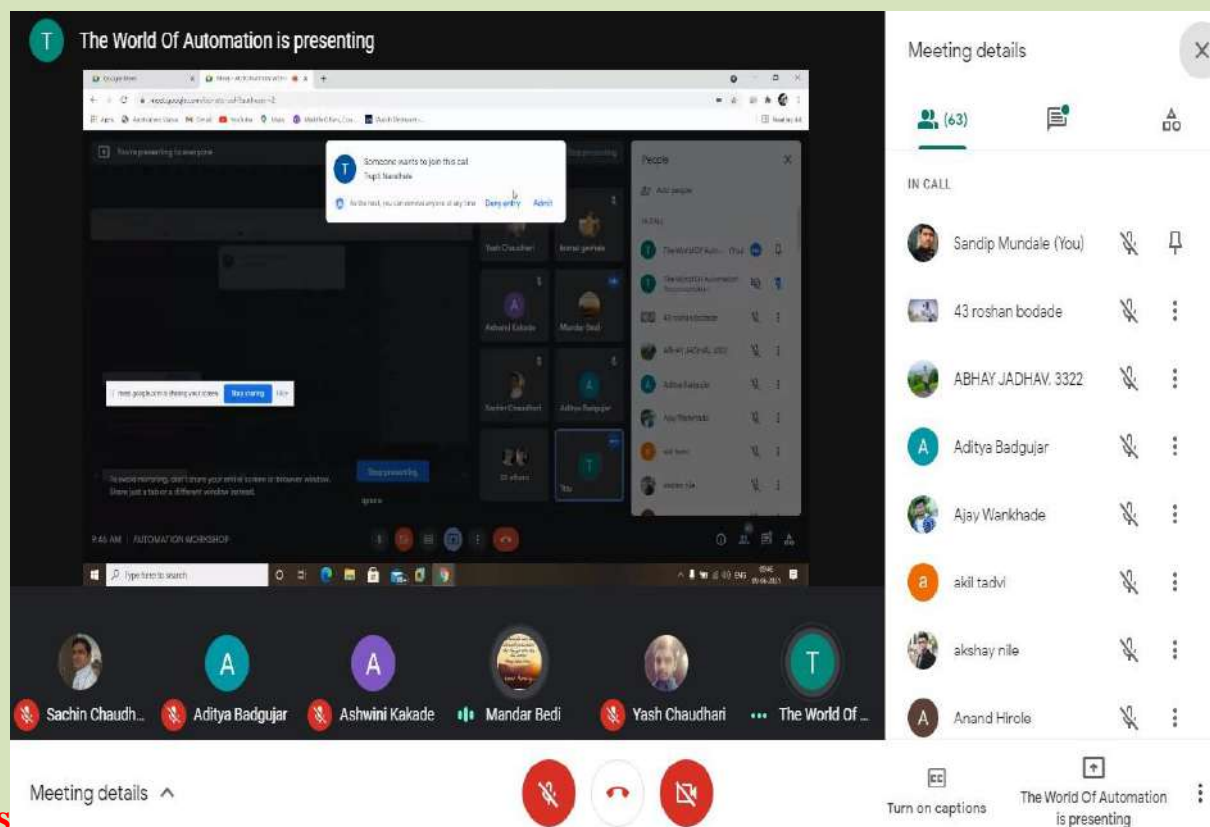
08/06/2021 to 09/06/2021

Two Days Workshop course on Worlds of Automation was successfully conducted by department of Mechanical Engineering, Padm. Dr. V. B. Kolte College of Engineering (Polytechnic 2nd Shift) Malkapur between **08/06/2021 to 09/06/2021**.

This Workshop conducted by Worlds of Automation team. This workshop is started by the HOD Mr.G.V.Gadgewho shares their knowledge.Mr.S.R.Mundale was the program in charge that organised Two Days Workshop program and conducted very smoothly.

The Workshop was organised for second and third year students of Mechanical Engineering department. The expert deliver the theoretical and practical knowledge among the students that's not involved in MSBTE curriculum.

The Expert shared their knowledge related to the Automation in industry was classify the different types of software's use in mechanical industries and its importance, Application, Advantages, Disadvantages, future application, innovation in industry. By this program 29 students benefited.



03. Session Photographs

Extra-curricular Activities



Covid19 Awareness By Making Posters



Blood Donation Camp.



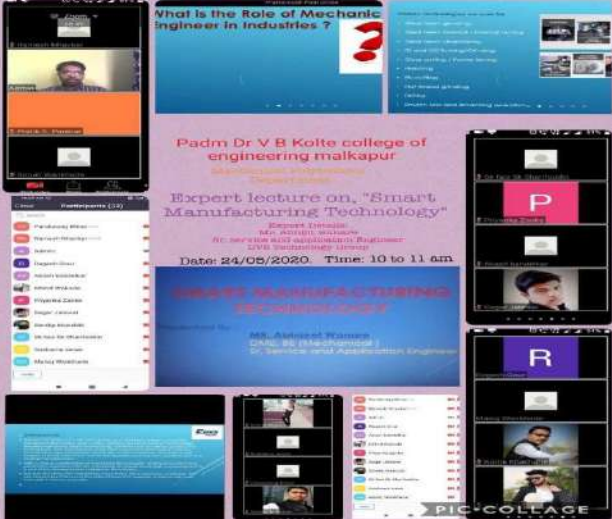
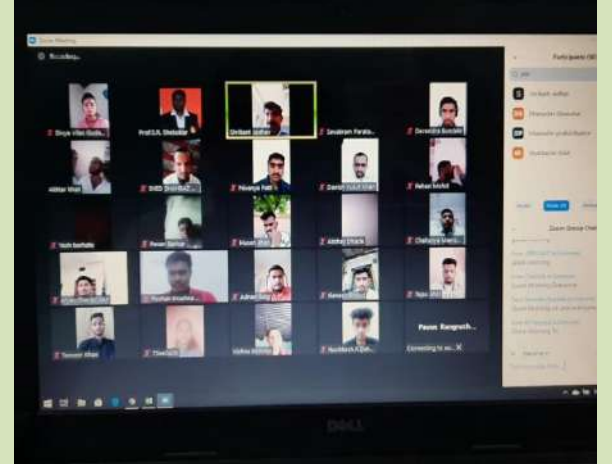
National Yoga Day

Industrial Visits in Session 2020-21

Sr. No.	Industry Name	Photograph	Beneficiaries
1	Online Demonstration of NTC Model Room and Technical Museum. Eklahare (Nashik).		20
2	Brembo Brake India Pvt Limited, Chakan, Dist:-Pune		40

These industrial visits give the information related to the theoretical knowledge and practical knowledge. So the students can relate their basic knowledge during the industrial visit.

Personality Development in Session 2020-2021

Sr. No.	Personality Development Session	Photograph	Beneficiaries
1	Mr. Abhijeet Wanare Sr. Service and Application Engineer	 <p>The photograph shows a Zoom meeting interface. The main window displays a presentation slide with the title "What is the Role of Mechanical Engineer in Industries?". Below the title, it lists "Padm Dr V B Kolte college of engineering malkapur" and "Expert lecture on, 'Smart Manufacturing Technology'". The slide also mentions the speaker, Mr. Abhijeet Wanare, and the date and time of the session: "Date: 24/05/2020, Time: 10 to 11 am". A list of participants is visible on the right side of the screen.</p>	34
2	Mr. Gunvant K. Nhavkar Sr. Manager Sales and services. FS Compressor India Pvt Ltd.	 <p>The photograph shows a Zoom meeting grid with multiple participants. The grid is arranged in a 4x5 layout, with some participants' names visible, such as "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...", "Pratik...". The meeting interface includes a chat window on the right and a list of participants at the bottom.</p>	46

These personality development sessions are taken in the department by which student's self-esteem is boosted up and they can improvise themselves in lifelong learning.

Industrial Expert Lectures in Session 2020-21

Sr. No.	Resource Details	Photograph	Beneficiaries
1	Mr.Sanjay Chaudhary Electronics study center Nashik.		26
2	Mr .Suresh Naphade Retd.Chief Manager HAL ,Nashik.		22
3	Ms. Vaishali Patil S.T.C COE Khamgaon.		26

The industrial expert lectures are taken in every semester by Mechanical department for teaching the content beyond syllabus topic to students. This increases the versatility of the student during his diploma course.

Campus Placement in Session 2020-21

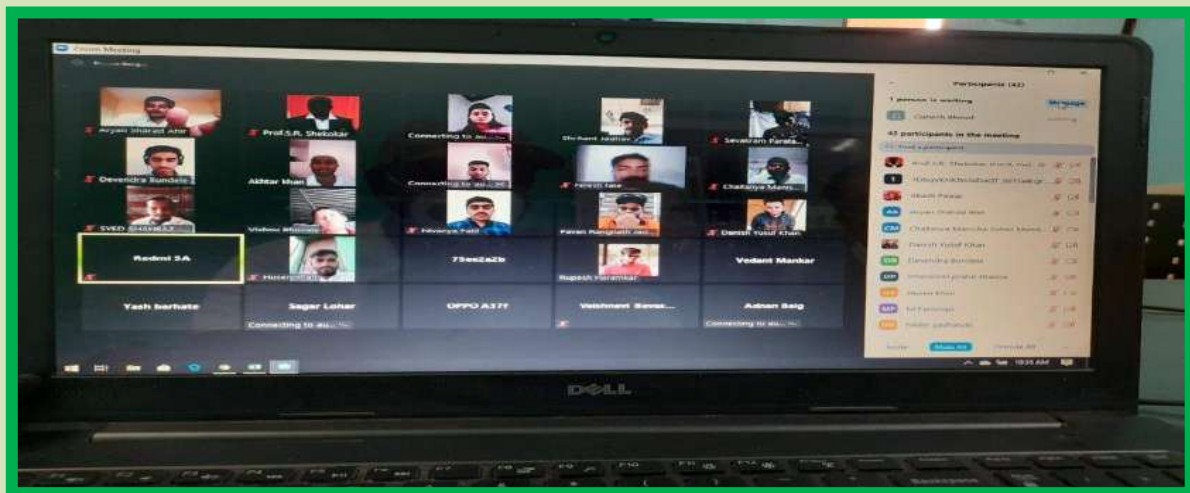
Padm. Dr V. B. Kolte College of Engineering Malkapur always takes active participation for development of students. To develop the career of students, our institute organized Open Campus Drive for all I.T.I streams, all engineering braches, diploma holders, graduate, and post graduates under IQAC cell of the institute. The aim is to provide opportunities to students to develop their career in the field of industry and related technologies.

Number of company visited (2020-2021)

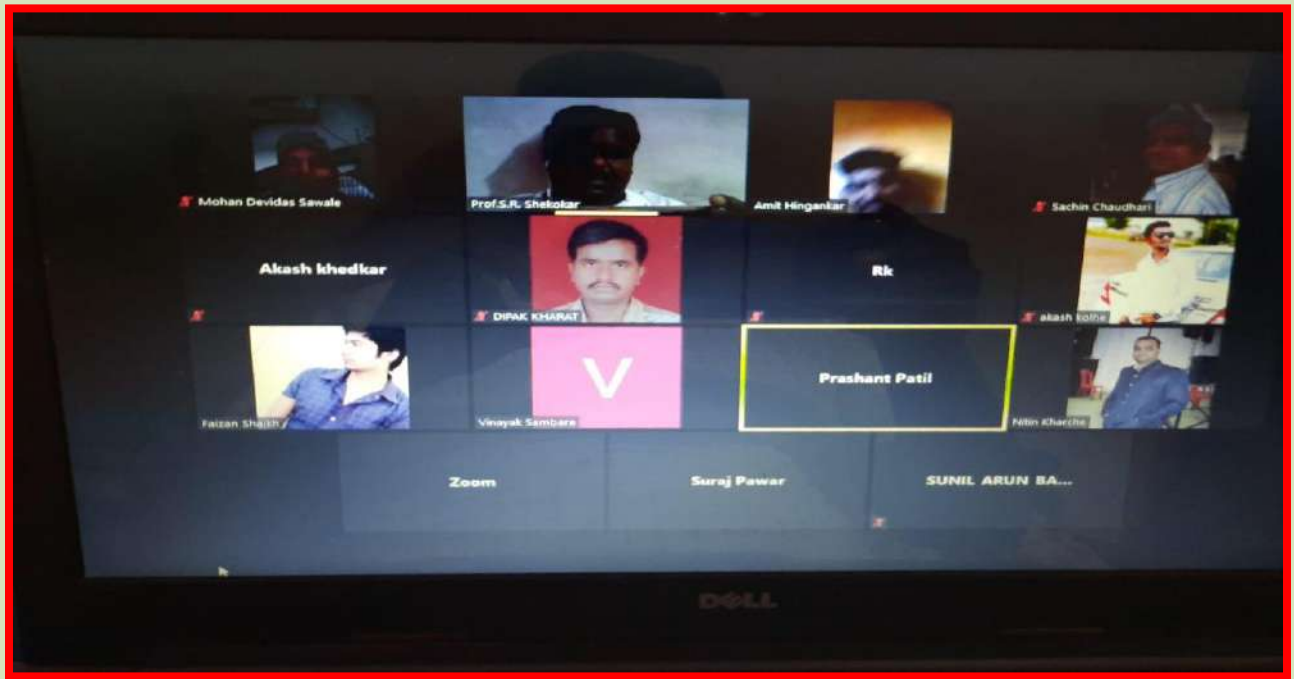
Sr No	Name Of Company
01	John Deer Pvt Ltd. Pune
02	Sigma Electric Manufacturing Pvt.Ltd. Pune.
03	Motherson Automotive Technologies , Pune
04	Trinity Engineers Pvt.Ltd Nashik
05	MSS India. Pvt.Ltd Pune.
06	RIJ Engineering Pvt Ltd. Pune.



1. John Deer Pvt Ltd. , Pune



2. Sigma Electric Manufacturing Pvt.Ltd. Pune.



3. Motherson Automotive Technologies, Pune.

Participated Students in Online Open Campus Drive.

Our Recruiters









STUDENT'S ACHIEVEMENTS:-

- ❖ Mr.Saurabh N.Koli selected as a Indian National Corporate League (INCL) ICC Indore.
- ❖ Mr.Priyanka Zanke got first prize in seminar presentation held at Mauli college of engineering & Polytechnic, Shegaon.
- ❖ Mr. Nikhil Chopade, Tenuram Koli & Jitendra Jaiswal successfully completed the online Swayam Courses.
- ❖ Mr.Saurabh N.Koli was selected for INCL Goa Camp.



Mr.Saurabh N.Koli selected as a Indian National Corporate League (INCL) ICC Indore.

TOPPERS:-

Year	Name Of Student	Percentage	Photographs
Third	Ms.Priyanka Vilas Zanke	94.51 %	
Third	Mr.Jitendra vinod Jaiswal	93.00 %	
Second	Ms.Anjali Vilas Ingle	82.25%	
Second	Mr.Saurabh Vishnu Bharambe	80.14%	
First	Mr.Yash Vishnu Ahir	77.20%	
First	Ms.Vaishnavi Rana	75.60%	

ONLINE ACTIVITY:-NPTEL, MHRD WEBINAR
Academic Year 2020-21

Sr. No	Activity	Date	Resource Person	No of students	PO/ PSO Relevance
1	Entrepreneurship-What you should know before you take the plunge	20/04/2020	Mr.Sudararajan Krishnan (PK)	30	PO5,PO7
2	Popularization of Science	21/04/2020	Prof.Srinivas Chakravathy	32	PO1,PO5
3	Toward Explainable AI	22/04/2020	Prof.Vineeth N. Baiasubramanian	33	PO2,PO3
4	Overview of 5G technology & 5G tested work at IIT Madras	23/04/2020	Prof.Radhakrishna Ganti	26	PO2,PO3
5	Bharati Script	24/04/2020	Prof.Srinivas Chakravarthy	24	PO5
6	ADM- Application Development & Maintenance services	24/04/2020	Mr.Rakesh Goel	28	PO1,PO2,PS O1
7	Civil Service as career	25/04/2020	Mrs.Yogitha	30	PO5,PO6,PO 7
8	Civil Services in India as a Career	05/05/2020	Madhukant Kumar Area Officer, Tughlakabad Indian Railways (Indian Railway Traffic Service)	25	PO5,PO6,PO 7
9	Employability A Startup Perspective	08/05/2020	Bharat Joshi Director VuNet Systems Private Limited	16	PO7
10	Augmented Reality Fundamentals And Development	18/05/2020	Mr.Arjun Dube (Software Architect AR/VR, VMware)	35	PO2,PO3,PO 7



Leadership Talk- 1) Shri Dipendra Manocha (Motivational Speaker)

2) Dr.Abhay Jere(Chief Innovation Officer MHRD Innovation Cell)



IIC- Entrepreneurship, Business Idea and Business Model Canvas.

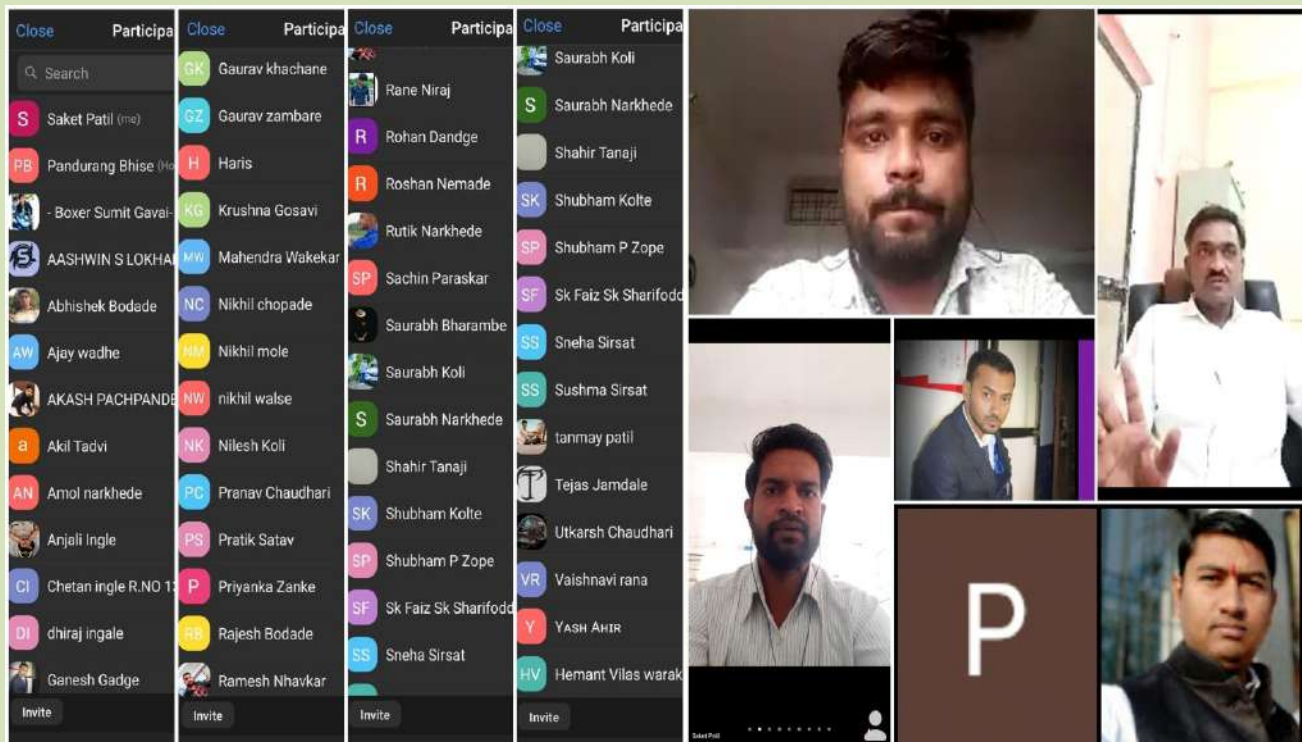
1)Dr.Sunil Shukla (Director General,EDII, Ahmedabad)

2)Dr.Amit Dwivedi(Associate Seniouren Faculty EDII)

3)Mr.Mayank Patel(CEO,Cradle,Incubator EDII,Ahmedabad)



Parent Meet



Student Meet

EDITORIAL BOARD



MR . GANESH.V.GADGE –HEAD OF DEPARTMENT

MR .S.R.MUNDALE- FACULTY MEMBER

MR .R.S.NHAVKAR - FACULTY MEMBER

MR. R.K.CHANDANSHIV – ALUMNI REPRESENTATIVE

MR.SK FAIZ SK SHARIFODDIN- STUDENT REPRESENTATIVE

MR.VILAS INGLE- PARENT REPRESENTATIVE



LSSBM'S

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