



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

Muktainagar Nagar Road, Dist-Buldana, State-Maharashtra

NEWS LETTER 2019-2020

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. Shripad Khuprao	Parent Representative
10	Mr. Tenuram Baviskar	Student Representative

MESA

Sr. No	Name of Coordinator	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. Priyanka zanke	Members
5	Mr. Saurabh koli	Members
6	Mr. Saurabh Bharambe	Members
7	Mr. Akash Vite	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 M.E. (CAD/CAM)	Mr. S.S. Patil M.E. (CAD/CAM)	Mr. S.R. Mundale M.E. (CAD/CAM)	Mr. P. B. Bhise M.E. (CAD/CAM)	Mr. N.B. Firke B.E. (Mechanical)



Mr. R. S. Nhavkar
B.E.
(Mechanical)



Mr.D.M.Naphade
B.E.
(Mechanical)

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 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.

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.

Tech Tantra-2k20

National Level Quiz Competition

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

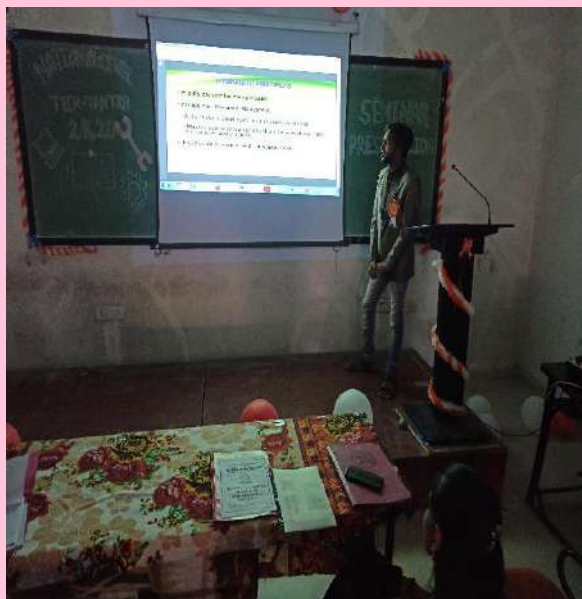
The national level quiz competition is held in Summer-2020 for the diploma Mechanical students where students participated in the technical quiz and have won prizes.



National Level Seminar Competition

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

The national level seminar competition is held in Summer-2020 for the diploma Mechanical students where students presented their topics and have won prizes.



Regular Sport Activities (IEDSSA2019-20)

The regular sports lecture is plan in each week to growth student's physical fitness and also it is helpful for them to make them play at state level or national or international level in future.



The Inter Engineering Diploma Students Sports Association State of Maharashtra (IEDSSA) Conduct State level sports Event for diploma students. This Event organized in different zones, each zone has number of sports conducted at different colleges.

Extra-curricular Activities



Yoga day celebration.



Tree Plantation



Covid19 awareness by making posters







Blood donation camp.






Railway Swachchata

Industrial Visits in Session 2019-20

Sr. No.	Industry Name	Photograph	Beneficiaries
1	Sant Muktabai Sakhar Karkhana, Muktainagar		38
2	Laxmi Engineering Works, N.H.6 Bypass, KundBk, Malkapur, Dist:- Buldana		16
3	M. K. Sancheti Seva Samiti Milk Processing Plant, Dasarkhed		46
4	Maharashtra Engineering Works, Malkapur		42




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 2019-2020

Sr. No.	Personality Development Session	Photograph	Beneficiaries
1	Mr.K.S.Kharate District Coordinator Mitcon,Buldana		34
2	Dr.A.K.Gupta Sharda Group of Institute, Agra,U.P		16
3	Dr .Pravin Pande Properiator Orange flag consultancy Buldhana		42

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 2019-20

Sr. No.	Resource Details	Photograph	Beneficiaries
1	Mr Tushar Patil H.R MSS India Pvt LtdNashik		13
2	Mr .Shubham P. Gurchal BOLT - IOT Banglore		42
3	Mr Abhijit Jadhao Technical Engineer R K Education Thane		16

4	Mr. Abhijeet wanare Sr. Service and Application Engineer		32
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5	Er. Ashok M. Ambade Ret. Executive Engineer MSPGCL		35
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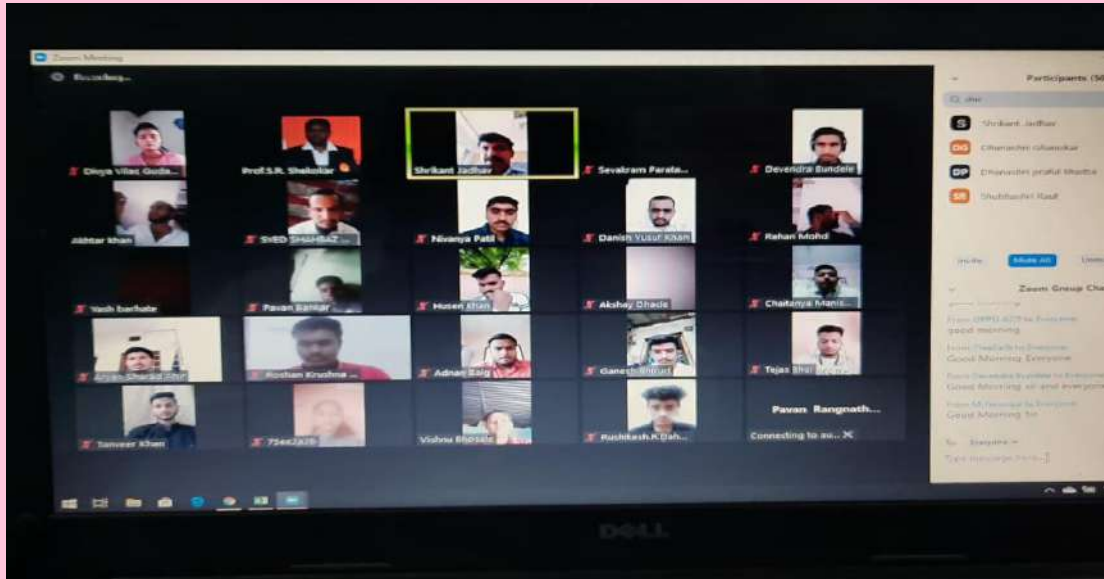
The industrial expert lectures are taken in every semester by Mechanical department for teaching the content beyond syllabus topic to students. This increases the versatility of the student during his diploma course.

Campus Placement in Session 2019-20

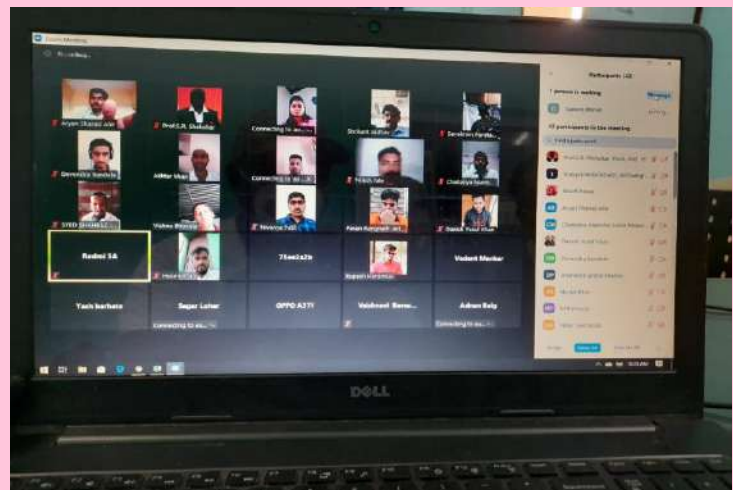
Padm. Dr V. B. Kolte College of Engineering Malkapur always takes active participation for development of students. To develop the career of students, our institute organized Open Campus Drive for all I.T.I streams, all engineering braches, diploma holders, graduate, and post graduates under IQAC cell 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 (2019-20)

Sr No	Name Of Company
01	John Deer Pvt Ltd. , Pune
02	Varrac Engineering Pvt.Ltd. Aurangabad
03	Sharda Moters, Pune
04	Motherson Pvt.Ltd Pune
05	Sanjeev Auto parts Mfg. Pvt.Ltd Aurangabad.



1. John Deer Pvt Ltd. , Pune



2. Varrac Engineering Pvt.Ltd. Aurangabad



3. Sanjeev Auto parts Mfg. Pvt.Ltd Aurangabad.

Participated Students in Online Open Campus Drive

Our Recruiters



STUDENT'S ACHIEVEMENTS:-

- ❖ Mr.Saurabh N.Koli selected as a National Level referee of Drop Roball.
- ❖ Mr.Swapnil Patil & Kartik Khachane got first prize in lathe war held at Mauli college of engineering & Polytechnic, Shegaon.
- ❖ Mr. Roshan Chandanshiv, Tenuram Koli & Sumit Sapkal successfully completed the online Swayam Courses.
- ❖ Mr.Saurabh N.Koli second winner in National Level Drop Roball Competition.
- ❖ Ms.Priyanka Zanke had score 100 out of 100 marks in mathematics of semester first.



Mr.Saurabh Koli selected as a National Level referee of Drop Roball



Mr.Swapnil Patil & Kartik Khachane got first prize in lathe war









Mr.Saurabh Koli second winner of national Level Drop Roball



Ms.Priyanka Zanke had score 100 out of 100 marks in mathematics

TOPPERS:-

Year	Name Of Student	Percentage	Photograph
Third	Ms.Shubhangi Siddhodhan Wagh.	90.51 %	
Third	Mr.Pratik Santosh Parekar	89.79 %	
Second	Ms.Priyanka Vilas Zanke	86.75 %	
Second	Mr.Jitendra vinod Jaiswal	81.16 %	
First	Mr.Pratik Sudhakar Medhe	81.10	
First	Ms.Anjali Vilas Ingle	80.14%	

ONLINE ACTIVITY:-NPTEL, MHRD WEBINAR**Academic Year 2019-20**

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)

Glimps of Mechanical Engineering Department



Teacher's Day Celebration



Students Mentoring



Department Advisory Board Meet



Felicitation for Scoring 100 out 100 Marks

EDITORIAL BOARD



MR . GANESH.V.GADGE –HEAD OF DEPARTMENT

MR .S.R.MUNDALE- FACULTY MEMBER

MR .SAKET S. PATIL - FACULTY MEMBER

MR.KARTIK R.KHACHANE – ALUMNI REPRESENTATIVE

MR. NIKHIL L.CHOPADE – STUDENT REPRESENTATIVE

MR.VILAS INGLE- PARENT REPRESENTATIVE



LSSBM'S

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