

## Faculty Profile

- **Faculty Profile Name:- Vijay V. Doijad**
- **Designation- Assistant Professor**
- **Department:- Mechanical Engineering**
- **Mobile No. 9970788131**
- **Email Id- vijudoijad@gmail.com**
- **Educational Qualification:**

Sr. No.	Degree	University	% Marks	Class
1	B.E.	Shivaji University, Kolhapur	66.73	First class with distinction
2	M.E.	Shivaji University, Kolhapur	65.09	First class

- **Professional experience:-** Total experience in years: 11 years

**Teaching:** - 09 Years

**Industrial:-** 02 Years

Sr. No.	Organization	Post	Period
1	Cipla Ltd. , Goa	Maintenance Engineer	1 Year
2	Menon Alkop, five star MIDC, Kagal, Kolhapur	Junior Engineer	1 Year
3	Ashokrao Mane polytechnic, Vathar	Lecturer	3 Years
4	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	6 Years

- **Subject Taught:-**

Sr.No.	Under Graduate	Post Graduate
1	Strength of Materials	Advance manufacturing Engineering
2	Machine Design I	
3	Machine Design II	
4	Fluid Mechanics	
5	Automobile Engineering	
6	Machine Drawing	
7	Engineering Graphics	
8	CAD/CAM	
9	Autocad	

- **Project Work at U.G.:-** Thermopress tyre repairing machine
- **Project Work at P.G.:-** Design, Development and Testing of Bent Axis Piston Pump
- **Research Area of Interest:-** FEA, Nanofluid, Composite materials

➤ **Paper Presented and published:-**

1. Design, Development and Testing of Bent Axis Piston Pump”, International Journal of Application or Innovation in Engineering & Management (IJAEM) .ISSN 2319 - 4847 Volume 2, Issue 12, December 2013.

2. “Design and Development of SPM for Face Milling & Two Hole Boring of a CR-22 Block” in International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753 (An ISO 3297: 2007 Certified Organization) Vol. 3, Issue 1, January 2014.

3. "Effect of % solution concentration pretreatment on weight loss of Thompson seedless grapes", International Journal of Engineering Science and Innovative Technology Volume 3, Issue 4, July 2014

**National Conference :-**

Sr.No.	Name of Conference	Institute	Date
1	Recent practices in conventional & Non-conventional Energy resources	SGL, Atigre	2014
2	Recent advances in science, engineering and management	BMAT	2013

➤ **Expert Lectures Delivered as a Resource Person:-**

Sr. No.	Name of STTP/FDP/workshop/Conference	Institute	Date
1	Energy Auditing, Conservation and Green Technology	Ashokrao Mane Group of Institutions, Vathar	21-25 Jan, 2019

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sr. No.	Name of STTP/FDP/workshop	Institute	Date	Attended/Participated
1	Optimization Techniques and Awareness on Research	Ashokrao Mane Group of Institutions, Vathar	30th Dec. 2019 – 03rd Jan. 2020	Participated
2	Renewable Energy Sources : Past, Present and Future	Ashokrao Mane Group of Institutions, Vathar	05th Feb. – 17th Feb. 2018	Participated
3	CAM, Fluid Power, CIM/FMS, Robot Simulation	Ashokrao Mane Group of Institutions, Vathar	11th Sept. 2015	Participated
4	Accreditation by NBA- June 2015 format	Ashokrao Mane Group of Institutions, Vathar	8 <sup>th</sup> Nov. 2015	Participated
5	ISTE National Annual Convention	TKIET, Warananagar	19th -21st December 2013	Participated

6	Recent trends in Metallurgy and Welding Technology	Ashokrao Mane Polytechnic, Vathar	21 <sup>st</sup> to 23 <sup>rd</sup> Jan. 2013	Participated
7	Research Methodology	Ashokrao Mane Group of Institutions, Vathar	13 <sup>th</sup> to 15 <sup>th</sup> June 2017	Participated
8	Soft computing techniques for modeling and optimization in mechanical engineering	Ashokrao Mane Group of Institutions, Vathar	13 <sup>th</sup> to 15 <sup>th</sup> March 2019	Participated
9	Automation studio and robocell software	Ashokrao Mane Group of Institutions, Vathar	28 <sup>th</sup> to 31 <sup>st</sup> Dec. 2015	Participated
10	Delcam FeatureCAM	Ashokrao Mane Group of Institutions, Vathar	10 <sup>th</sup> to 12 <sup>th</sup> Dec. 2015	Participated
11	Recent trends in Design, Failure Analysis and Maintenance of Bearing	Dr. J.J. Magdum college of engineering, Jaysingpur	22 <sup>th</sup> - 26 <sup>th</sup> June 2015	Participated
12	Optimization techniques and awareness on research	Ashokrao Mane Group of Institutions, Vathar	30 <sup>th</sup> Dec. 19 to 03 Jan. 20	Participated

➤ **Programs Organized:-**

Sr. No.	Name of Program	Institute	Date
1.	National Event "Engenious 2K17" Incharge	Ashokrao Mane Group of Institutions, Vathar	16th Feb. 2017
2.	National Event "Engenious 2K18" Incharge	Ashokrao Mane Group of Institutions, Vathar	12th Mar. 2018
3	FDP on "Recent trends in Metallurgy and Welding Technology" coordinator	Ashokrao Mane Polytechnic, Vathar	21 <sup>st</sup> to 23 <sup>rd</sup> Jan. 2013
4.	Group discussion event	Ashokrao Mane Group of Institutions, Vathar	2016
5.	Panhala fort swachata abhiyan under MESA	Ashokrao Mane Group of Institutions, Vathar	19th Feb. 2016
6	Blood donation camp under ready engineer program	Ashokrao Mane Group of Institutions, Vathar	9 March 2019
7	Donated medical kit and chairs to physically challenged students school	Ashokrao Mane Group of Institutions, Vathar	March 2018

➤ **Departmental Responsibilities:-** MESA coordinator, DBATU exam coordinator, Industrial training coordinator

➤ **Other Experience/Responsibilities If Any :-**

1. SAE Coordinator from 2015-17
2. Guided/participated T.E. Mechanical students for SAE competition on EFFI cycle at L.P.U. Panjab
3. Departmental Coordinator of NBA criteria V
4. Second prize in Avishkar 2K13 National level research project competition
5. Guided project got prize in three different colleges

➤ **Social Contribution If Any:-**

1. Panhala fort swachata abhiyan under MESA on 19th Feb. 2016,
2. Arranged blood donation camp under DRE
3. Donated medical kit and chairs to physically challenged students school

➤ **Professional Membership If Any:-** ISTE, SAE(Society of Automotive Engineers)