

P V Deshmukh

I/C HOD and
Assistant Professor
BE(Mechanical),ME(Mech. Design), MPM

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Experience

Teaching: 19 Years

Industry: 2 Year

Area of Research

Finite Element Methods

Research Publications

1. "Product Design Conceptualization using Optimization Techniques" Pg 104 National conference on Advances in Mechanical Engineering, AIM-2012, October 11-12, 2012, Hyderabad, A.P.,India
2. "Virtual Validation of Front Axle Beam" IEIPLC, Journal Vol. 36 ISBN No.978-81-924990-0-05
3. "A review on Effect of Geometric parameter on free vibration analysis of glass fiber epoxy composite laminated plate with and without cut-outs", Journal of Material Science and Mechanical Engineering, Volume 2, Number 2, January – March, 2015, (Print ISSN 2393-9095, Online ISSN: 2393-9109), Pg 149-152
4. "A review on Effect of Geometric parameter on free vibration analysis of glass fiber epoxy composite laminated plate with and without cut-outs", International Conference on Mechanical, Material, Industrial, Automotive, Aeronautical and Nano-Technology – 2015, 28 Feb 2015
5. "Development of Passenger Vehicle Door Trim for Occupant Safety by Using CAE", International Journal Of Scientific & Technology Research Volume 4, Issue 01, January 2015, ISSN 2277-8616, Pg 277-280
6. "CAE Modelling of Ultrasonic weld joints used in joining of Plastic parts of Automotive Door trim", International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN: 349-2163, Issue 5, Volume 2 (May2015), Pg 86-94
7. "Effect of Thickness on Flexural Properties of Carbon Fibre Reinforced /E-Poxy Composite Material by Experimental and FEA", International Journal for Scientific Research & Development, Vol. 3, Issue 05, 2015 | ISSN (online): 2321-0613, Pg 495 – 498
8. "Effect of Fibre Orientation on Flexural Properties of Carbon Fibre Reinforced Epoxy (CFR-E) Composite Material", International Engineering Research Journal (IERJ) Volume 1 Special Issue 1 Page 26-29, 2015, ISSN 2395-1621, October 2015
9. "Effect of Geometric Parameter on Free Vibration Analysis of Glass Fiber Epoxy Composite Laminated Plate With and Without Cutouts", Mechanical Engineering Post Graduate Students' Conference
10. "Analysis of short beam strength of glass fibre reinforced / e-poxy (GFR-E) composite material", Mechanical Engineering Post Graduate Students' Conference, 19-20 July 2015
11. "Analysis of short beam strength of glass fibre reinforced / e-poxy (GFR-E) composite material", International Journal For Technology Research in Engineering, Volume – 2,

Issue – 11, July 2015, ISSN(Online) 2347 – 4718, Pg 2677 – 2680

12. “Analysis of Flexural Properties of Carbon Fibre Reinforced / E-Poxy (CFR-E) Composite Material”, Mechanical Engineering Post Graduate Students' Conference, 19-20 July 2015
13. “Effect of Cut-out on free Vibration of Composite Plates”, 19th International Conference on Process in Production, Mechanical and Automobile Engineering – 2016, on 12th June 2016. Organised by Technical Research Organization India
14. “Shearing Parameter Effect on Punching Process of Roller chain Link Plate”, 19th International Conference on Process in Production, Mechanical and Automobile Engineering – 2016, on 12th June 2016. Organised by Technical Research Organization India
15. “Effect of Cut-out on free Vibration of Composite Plates”, International Journal of Current Engineering & Scientific Research (IJCESR), Volume – 3, Issue-6, Page 48-53, ISSN(Print) 2393-8374, ISSN (Online) 2394-0697
16. “Shearing Parameter Effect on Punching Process of Roller chain Link Plate”, International Journal of Current Engineering & Scientific Research (IJCESR), Volume – 3, Issue-6, Page 43-47, ISSN(Print) 2393-8374, ISSN (Online) 2394-0697
17. “Roller chain Link Plate Analysis: A Review”, International Research Journal of Engineering and Technology (IRJET), Volume -3, Issue-2, March 2016, e-ISSN 2395-0056, p-ISSN 2395-0072
18. “Effect of stitching on short beam shear strength of glass fibre reinforced epoxy (GFR - E) composite material”, International Journal of Research In Science & Engineering (IJRISE), Volume 2 Issue 1. Jan - 2016 e- ISSN: 2394-8299, p-ISSN: 2394-8280, Pg 151 - 155

Workshops/Seminars/Conferences attended

1. Implementation of “CAD CAM and Automation”.
2. Syllabus setting at AISSMS COE.
3. Implementation of “Geometric Modeling” at COE, Baramati.
4. Detailing of syllabus of “Machine Drawing and Computer Graphics” and “Geometric Modeling” at PVG.
5. Revision of Syllabus for “Computer Oriented Methods”.
6. Two day workshop on “Computer Aided Manufacturing with Smart-Cam” at PVG
7. Revision of Third year Mechanical Engineering Syllabi
8. Restructuring and Revision of SE, TE, BE Mechanical Engineering Syllabi
9. A course in “Finite Element Analysis” at Real time Integrated Systems Engineering.
10. Industrial training on “CNC Lathe” at Technofour Machine Works.
11. A course on “Computer Techniques of stiffness Matrix Method” at Institute of Engineering.
12. A course on “Computer Techniques of Finite Element Method” at Institute of Engineering.

Responsibilities Shouldered

Worked as Departmental Time Table In -charge
Worked as Departmental Project Coordinator
Worked as Computer Centre In-charge
Worked as Departmental coordinator for Engineering Today
Worked as Lab In charge – MDCG, CAD/CAM Lab
Worked as Coordinator and faculty for CAD/CAM Course
Invited to deliver a Guest lecture on OpenGL at various institutes