



P.E.S. College of Engineering, Mandya



Faculty Profile

General

Name	DODDASWAMY V
Designation,	Assistant Professor
Department & Affiliated Institution	Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401
Research Area	Fatigue and Fracture of Composites
Contact Number	+91 9844371917
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Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	BMS College of Engineering, Bangalore	VTU	Pursuing (Coursework completed)	-	-
M. Tech	PESCE, Mandya	VTU	2015	82	FCD
B.E	PESCE, Mandya	VTU	2013	83	FCD

Research Achievements/Awards

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Professional Experience

Organization & Department	Designation	Period	Total of Experience
P.E.S. College of Engineering, Mandya	Assistant Professor	22/7/2015 –Till date	06

Report of Work for the Academic Year : 2019-20

Academics	Description of Academic records
Teaching Records (Details of courses taught)	<i>Automatic Control Engineering, Skill development for competitive examinations-1, Computer aided engineering drawing etc..</i>

Research Guidance (Ph.D /; Students awarded & pursuing)

Degree	Awarded	Pursuing
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Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
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Research Publications in Refereed Journals and Conferences

No. of Publications in	National	International
Journals	1	3
Conferences	1	3

Other Important Responsibilities held in the College

1. Co-ordinator for department research facilities (Pin on disk wear test rig, rotating beam bending fatigue test, powder blending equipment, FFT Tool kit etc.,)

LIST OF PUBLICATIONS

1. Sukruth Sagar B P Ravikumar T R Doddaswamy V Akshay R N (2018) *Modeling and Static Analysis of Small Scale wind Turbine Blades International Conference on "Topical Transcends in Science, Technology and Management" (ICTTSTM-2018) International Journal of Research in Advent Technology, Special Issue, E-ISSN: 2321-9637.*
2. Doddaswamy V and shruthi H M. (2020) *Vibration Characteristics of Al6061-TiO₂-Gr Hybrid Metal Matrix Composites-An Experimental Approach International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol 5, Issue 7.*
3. Shruthi H M and Doddaswamy V. (2020) *Experimental Evaluation of Mechanical Behavior of Al6061-TiO₂-Gr Hybrid Composite Using Stir Casting Technique", International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol 5, Issue 4., ISSN (Online) 2456-1290*
4. Mohan Kumar K S, Doddaswamy V (2020) *Experimental Study on wear behaviour of Al-TiO₂ Metal Matrix Composites Processed through Stir Casting Method International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE) Vol 5, Issue 7, July 2020.*
5. Mohan Kumar K S, Doddaswamy V. (2020) *Experimental Study on Mechanical Characteristics of Al-TiO₂ Metal Matrix Composites Processed Through Stir Casting Method UGC Care Journal Vol-40-Issue-74.*
6. Doddaswamy. V, Jayanth.M, Sukruth Sagar B P.(2020) *Experimental Investigation of Mechanical and Tribological Behavior of Al6061-TiO₂ Processed by Stir Casting Technique Studies in Indian Place Names UGC Care Journal ISSN: 2394-3114 VOL-40-ISSUE-76.*
7. Doddaswamy V, Ajit Prasad S. L., Sharana Basavaraja J. (2020) *A Review on Fracture Toughness Characterization of Aluminium Based Metal Matrix Composites Fatigue, Durability, and Fracture Mechanics Springer Nature Singapore Pte Ltd, Chapter DOI 10.1007/978-981-15-4779-9_41.*
8. Doddaswamy V, Akshay R N, Basavaraj, "Fabrication and study of dynamic response of a vibrating structure using pendulum tuned mass damper system" LAP LAMBERT ACADEMIC Publishing, ISBN:978-620-3-58210-9, 2021, Mauritius.