P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

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*
Email ID	*doddaswamy.1801@gmail.com*

Academic Profile

Educational Qualifications

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

Professional Experience

Organization and Department	Designation	Period	Total Experience
P.E.S. College of Engineering, Mandya	*Assistant Professor*	22/7/2015 –Till date	5 years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	*Undergraduate: Elements of Mechanical Engineering, CAED, Fluid Mechanics, Mechanics of Materials, Design of Machine Elements-I and II, Dynamics of Machines, Kinematics of Machinery,* *Automatic Control Engineering* *Post Graduate (M. Tech):* *Analysis Design lab*

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	*Nil*	*Nil*	*Nil*
Pursuing	*Nil*	*Nil*	*Nil*

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/Symposia

Number of Publications in	National	International
Journals	--	*04*
Conferences/Symposia	---	*03*

Other Important Responsibilities Held in the College

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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-TiO_2-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-TiO_2-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-TiO_2 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-TiO_2 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