




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

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	RAMESH KURBET	
Designation,	Assistant Professor	
Department & Affiliated Institution	Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Vibration analysis.	
Contact Number	+91 8123829195	
Email ID	rameshkurbet031@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D					
M.Tech.,	P.E.S.C.E, Mandya	VTU	2019	9.36 CGPA	FCD
B.E.,	Jain College of Engineering, Belagavi	VTU	2017	66%	FC

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya	Assistant Professor	Aug 2019-Till date	1 year 9 months

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<p>Undergraduate: Elements of Mechanical Engineering, Kinematics of Machinery, Computer Aided Engineering Drawing, Design Lab, Basic Mechanical Engineering Science Lab, Computer Aided Modeling and Analysis Lab.</p> <p>Post Graduate (M. Tech): Tribology and Bearing Design, Theory of Plasticity, Metrology and Computer Aided Inspection, Design Lab</p>
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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	--	08
Conferences/Symposia	--	03

Other Important Responsibilities Held in the College

1. MOOC Coordinator.
2. GURUKUL (Institution Automation Software) coordinator

LIST OF PUBLICATIONS

2019

1. **Ramesh Kurbet**, Ajith Prasad S L, Ahobal N, "STUDY OF VIBRATIONAL RESPONSE OF A ROTARY SYSTEM WITH DEFECTIVE ROLLING ELEMENT BEARING", International Journal for Research in Applied Science and Engineering Technology(IJRASET), Volume 7, Issue VI, June 2019.

2020

2. Sayeed Ahamed K I, **Ramesh Kurbet**, Ajit Prasad S L, "VIBRATION AND NOISE SIGNAL ANALYSIS OF A GEARBOX HAVING DELRIN GEAR WITH BROKEN TEETH DEFECT", International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 8, Aug 2020.
3. Sayeed Ahamed K I, **Ramesh Kurbet**, Ajit Prasad S L, "FAULT DIAGNOSIS OF GEARBOX HAVING DELRIN GEAR BY VIBRATION AND NOISE SIGNAL ANALYSIS", HBRP Publication, Research and Development in Machine Design Journal, Volume 3, Issue 2, Aug 2020.
4. Kiran Kumar, Dharmaraj H S, Sayeed Ahamed K I, **Ramesh Kurbet**, Ajit Prasad S L, "VIBRATION AND NOISE SIGNAL ANALYSIS OF AL-SIC MMC GEARS", HBRP Publication, Research and Development in Machine Design Journal, Volume 3, Issue 2, Aug 2020.
5. P Raghava Madhyastha, **Ramesh Kurbet**, Ajit Prasad S.L, "DETECTION AND IDENTIFICATION OF GEAR TEETH DAMAGE THROUGH SOUND AND VIBRATION SIGNAL ANALYSIS OF AUSTEMPERED DUCTILE IRON GEAR", International Research Journal of Engineering and Technology (IRJET), Volume: 07, Issue: 08, Aug 2020.
6. P Raghava Madhyastha, **Ramesh Kurbet**, Ajit Prasad S.L, "VIBRATIONAL AND NOISE SIGNAL ANALYSIS TO DETECT THE GEAR TEETH DAMAGE IN A GEARBOX WITH AUSTEMPERED DUCTILE IRON AS GEAR MATERIAL", HBRP Publication, Volume: 03, Issue: 02, Aug 2020.

2021

7. **Ramesh Kurbet**, Karthik Reddy G, Monica J, Siddesh Kumar N M, Avinash M, Dr. Rudreshi Addamani, 2021 "A review on Friction Stir Welding over other Welding Techniques of Aluminium Alloys", Solid state technology. Volume 64, issue 2.
8. Sadashiva M, M yunus sheikh, Nouman Khan, **Ramesh Kurbet**, T M Devagowda, "A Review on Application of Shape Memory Alloys" International Journal of Recent Trends and Engineering (IJRTE) Volume 9, Issue 6, March 2021.

CONFERENCES:

1. **Ramesh Kurbet**, Basavaraj, Amruth C M, Jayasimha S L N, "Effect of Ceramic Particles on AMMC through stir casting method- A review" 4th International Conference on Inventive Material Science Applications(ICIMA 2021)" 14-15 May 2021.
2. Nouman Khan, Chandan Gowda B, Doddaswamy V, **Ramesh Kurbet**, Ganapathy Bawge, "A Review on Various Techniques used for Vibration Analysis" Proceedings of International Conference on Advances in Mechanical Engineering: Transcending Boundaries (ICAMET-2021), 22-23 July, 2021.
3. **Ramesh Kurbet**, Doddaswamy V, Amruth C M, Mohammed rafi H Kerur, Ghanaraja S, "Frequency Response Analysis of Spur Gear pair using FEA" Proceedings of International Conference on Advances in Mechanical Engineering: Transcending Boundaries (ICAMET-2021), 22-23 July, 2021.

Book Publications:

1. Ramesh Kurbet, Nouman Khan, Monica J, "Vibration analysis of Defective Rolling Elements, (Using NI Instruments)" LAMBERT ACADEMIC PUBLISHING, 2021. ISBN: 978-620-3-58265-9.
2. Ramesh Kurbet, Basavaraj, Shashank T N, "Additive manufacturing: PESCE syllabus", Notion Press publishing, May2021. ISBN: 9781639201358.