

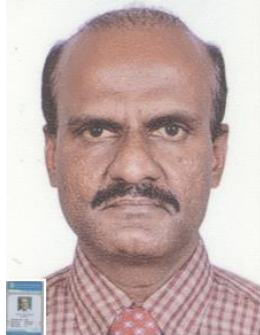


P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. AJIT PRASAD S.L.	
Designation,	Professor	
Department & Affiliated Institution	Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Composite materials	
Contact Number	+91 9448643501	
Email ID	palspesce@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	IIT Madras	IIT Madras	2000	Awarded	
M.Tech	IIT Madras	IIT Madras	1989		First Class
B.E.	PESCE	U. O. Mysore	1983		First Class

Professional Experience

Organization and Department	Designation	Period	Total Experience
PESCE, Mandya Mechanical Engg.	Lecturer	1984-1990	6 Year
	Senior Lecturer	1990-1994	4 Years
	Selection Gr. Lecturer	1994-2001	7 Years
	Professor	2001 – Till Date	19 Years

Reports on Academic and Research Activities

Academic Activities

Teaching (Details of courses taught)	<u>Undergraduate:</u> Mechanics of Materials, Kinematics of Machinery, Dynamics of Machinery, Design of Machine Elements I&II, Mechanical Vibrations_ <u>Post Graduate (M. Tech):</u> Advanced Machine Design, Advanced Theory of Vibrations, Theory of Elasticity.,
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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	05	Nil	Nil
Pursuing	02	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
“Tribological study of Metal Matrix Composite Materials” March, 2007[completed]	AICTE	Rs 8 lakhs	Rs 8 lakhs
“Vibration and Noise Analysis of Parallel Shaft Gear Drive Systems” Aug 2017[completed]	AICTE	Rs.10 Lakhs	Rs.09.85 Lakhs

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	00	24
Conferences/Symposia	09	36

Other Important Responsibilities Held in the College

1. Dean Research	3. Member - BoE
2. Member - BOS	4. Member – IQAC

LIST OF PUBLICATIONS {2019-20}

1. Sayeed Ahamed K, P Raghava Madhyastha, Ajit Prasad S.L., “Identification of Pitting Defect in a Gearbox Having 20MnCr5 Gear Through Vibration Analysis”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 07, Issue: 08, Aug 2020, www.irjet.net
2. Sayeed Ahamed K, 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), e-ISSN: 2395-0056, Volume: 07, Issue: 08, Aug 2020, www.irjet.net
3. Sayeed Ahamed K, Ramesh Kurbet, Ajit Prasad S.L., “Fault Diagnosis of Gearbox Having Delrin Gear by Vibration and Noise Signal Analysis”, Research and Development in Machine Design, HBRP Publication, Volume 03 Issue 02 Year 2020
4. 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), e-ISSN: 2395-0056, Volume: 07, Issue: 08, Aug 2020, www.irjet.net
5. P Raghava Madhyastha, Ramesh Kurbet, Ajit Prasad S.L., “Vibrational and Noise Signal Analysis to Detect the Gear Teeth Damage in A Gear Box with Austempered Ductile Iron as Gear Material”, Research and Development in Machine Design, HBRP Publication, Volume 03 Issue 02 Year 2020