



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

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	RANJITH K
Designation,	<i>Assistant Professor</i>
Department & Affiliated Institution	<i>Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401</i>
Research Area	<i>Machine Design, Computational Fluid Dynamics, Robotics</i>
Contact Number	<i>+91 8073290872</i>
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Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
M. Tech	<i>NIE, Mysore</i>	<i>VTU</i>	<i>2016</i>	<i>9.24 CGPA</i>	<i>FCD</i>
B.E	<i>PESCE, Mandya</i>	<i>VTU</i>	<i>2013</i>	<i>9.10 CGPA</i>	<i>FCD</i>

Professional Experience

Organization and Department	Designation	Period	Total Experience
<i>PESCE, Mandya</i>	<i>Assistant Professor</i>	<i>July 2016 – Till Date</i>	<i>04 Years</i>

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Mechanics of Materials, Design of Machine Elements-I, Dynamics of Machinery, Mechanical Vibrations, Automatic Control Engineering, Tribology, Computer Aided Engineering Drawing. <u>Post Graduate (M. Tech):</u> Experimental Mechanics.
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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	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>
Pursuing	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>

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

Project Title	Project Funded by	Grants Sanctioned	Grants Received
<i>Sponsored Research</i>	<i>--</i>	<i>--</i>	<i>--</i>

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	<i>--</i>	<i>05</i>
Conferences/Symposia	<i>--</i>	<i>03</i>

Other Important Responsibilities Held in the College

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LIST OF PUBLICATIONS

1. Ranjith K, Mahendra Babu K J, C J Gangadhara Gowda. "Numerical Assessment of Noise Generated by Flow through Multi Hole Plate." *Journal of Critical Reviews* 7.17 (2020), 1589-1594. Print. doi:10.31838/jcr.07.17.201
2. Ranjith, K. "Experimental Investigation of Transverse Vibration Characteristics of Beams", *International Journal for Research in Applied Science and Engineering Technology*. Volume 7, Issue VII, Page No: 265-273, ISSN: 2321-9653. 2019, July.
3. Ranjith, K., Vishwas. R., "Experimental and Numerical Study of Free Vibration Characteristics of Plates", *International Journal for Research in Applied Science and Engineering Technology*. Volume 7, Issue VII, Page No: 754-760, ISSN: 2321-9653.2019, July.
4. Ranjith, K. Babu, K. M., Gowda, C. G., "Numerical Study on Performance Characteristics of Multihole Orifice Plate". In *IOP Conference Series: Materials Science and Engineering* (Vol. 376, No. 1, p. 012032). IOP Publishing. 2018, June.
5. Ranjith, K. Babu, K. M., Gowda, C. G., "Discharge Coefficient Prediction for Multi hole Orifice Plate in a Turbulent Flow through Pipe: Experimental and Numerical Investigation". *International Journal of Engineering Research in Mechanical and Civil Engineering*, Vol 2, Issue 4, ISSN: 2456-1290.2017, April.