



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

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	<i>Dr. Vikram C.K</i>
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>Flow past cylinders in computational fluid dynamics.</i>
Contact Number	<i>+91 8095374346</i>
Email ID	<i>vikramvilas84@gmail.com</i>



Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
<i>Ph. D</i>	<i>PESCE, Mandya</i>	<i>VTU</i>	<i>2018</i>	<i>-</i>	<i>-</i>
<i>M. Tech</i>	<i>PESCE, Mandya</i>	<i>VTU</i>	<i>2009</i>	<i>83</i>	<i>FCD</i>
<i>B.E</i>	<i>PESCE, Mandya</i>	<i>VTU</i>	<i>2006</i>	<i>58</i>	<i>SC</i>

Professional Experience

Organization and Department	Designation	Period	Total Experience
<i>P.E.S. College of Engineering, Mandya</i>	<i>Assistant Professor</i>	<i>Sep 2007 – Till Date</i>	<i>14years</i>

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<i>Undergraduate: Hydraulics and Pneumatics, Manufacturing Process-I, Manufacturing Process-II, Manufacturing Process-III, Fluid Mechanics, Power plant Engineering, Non Traditional Machining, Additive Manufacturing Techniques, Mechatronics and Microprocessors, CAD CAM, CAMD, CAED.</i>
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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>04</i>
Conferences/Symposia	<i>02</i>	<i>07</i>

Other Important Responsibilities Held in the College

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LIST OF PUBLICATIONS

1. Vikram.C.K, H.V. Ravindra (2019). Influence of Drag on Flow past Two Side by Side Square Cylinders Journal of Fluid Mechanics and Mechanical Design, Vol1, Issue 2, pp. 28-35. doi.org/10.5281/zenodo.357300.
2. Vikram.C.K, Y.T. Krishnegowda & H.V. Ravindra (2016). Numerical analysis of two square cylinders of different sizes with and without corner modification. Heat transfer and Thermal Engineering Vol 8.doi.org/10.1115/IMECE2016-65148.
3. Vikram.C.K, Y.T. Krishnegowda &H.V. Ravindra (2015). Flow Past Square Cylinders of Different Size with and without Corner Modification doi.org/10.1115/IMECE2015-50274.
4. Vikram.C.K, Y.T. Krishnegowda & H.V. Ravindra (2014). Analysis by CFD for flow past circular and square cylinder International Journal of Innovations in Engineering and Technology (IJJET), ISSN:2319-1058,Vol 4, Issue 3,pp.72-76.
5. Vikram.C.K, Y.T. Krishnegowda & H.V. Ravindra (2014). Numerical investigation on flow past square cylinders with different corner shapes. International Journal of Scientific & Engineering (IJSER), ISSN 2229-5518, Vol 5, Issue 10, pp.479-486.
6. Vikram.C.K, Y.T.Krishnegowda & H.V.Ravindra (2012). A study of flow characteristics on two different sized square cylinders. International Conference on 'Recent Advances in Mechanical Engineering-INCRAME-2012 at Dr.MGR Educational & Research Institute University, Chennai, April 19-20, 2012[3rd prize]
7. Vikram.C.K, Y.T. Krishnegowda & H.V. Ravindra (2012). Influence of corner cutoffs on flow past Square cylinders International Conference on 'Recent Advances in Mechanical Engineering-ICCMOM-2012 at Dr.MSRIT, Bangalore, July 11-13, 2012.
8. Vikram.C.K, Y.T. Krishnegowda & H.V.Ravindra. (2012). Effect of corner cutoffs between two Square cylinders in tandem arrangements. Fluids and Heat transfer, Vol 7, October 8, pp.643-650, doi.org/10.1115/IMECE2012-93039.
9. Vikram.C.K, Y.T. Krishnegowda & H.V. Ravindra. (2011). Numerical simulation of unsteady flow past square cylinder. National Conference on Advances in Mechanical Engineering, Manipal Institute of Technology, Manipal, 3 – 5 Jan. 2011, PP.24.
10. Vikram.C.K, Y.T. Krishnegowda, H.V. Ravindra, C.J.Gangadara Gowda and manu (2011). Numerical simulation of flow past two square cylinders of different perimeters. International Conference on Emerging Trends in Engineering (ICETE). NMAM Institute of Technology, Nitte, May 4 -5, 2011.
11. Vikram.C.K, Y.T. Krishnegowda, H.V. Ravindra, C.J.Gangadara Gowda & Manu (2011) Numerical simulation of two dimensional unsteady flow past two square cylinders. The proceedings of the International Joint Journal conference on Engineering and Technology, pp. 355-360.
12. Vikram.C.K, Y.T. Krishnegowda & H.V. Ravindra (2010). Numerical Simulation of Flow past Square Cylinders with Varying Pitch to Perimeter Ratio. International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences (AMMMT–2010), Siddaganga Institute of Technology, Tumkur, November 18 -19, 2010, p.187.