



Name of Teaching Staff : Prof. Vyankatesh U. Bagal  
Designation : Assistant Professor  
Department : Mechanical Engineering  
Date of Joining the Institution : 12.7.2012

Qualifications with Class / Grade : 1. M.E. (Heat Power Engg.) Shivaji University, 75.49%, May – 2007.  
2. B.E. (Mechanical Engg.) Shivaji University, 69.67%, July – 2002.

Total Experience in Years : **Teaching: 11 years**  
1. Assistant Professor, D.J. Sanghvi College of Engineering from 12.7.2012 till date.  
2. Assistant Professor, St. John College of Engineering & Technology from June' 2010 to June' 2012.

**Industry: 5 years**

1. Deputy Manager – Mahindra & Mahindra Ltd, from Aug' 2006 to Jun' 2010.
2. Production Engineer – Elle Electricals Pvt Ltd, from April 2003 to June 2004.

Research: ---

*Papers Published:*

**International: ---**

1. Balagopal Unnikrishnan, Armaan Valjee, **Vyankatesh Bagal**, Prashantkumar Patankar, "Optimization of Surface Roughness During High Speed Milling of Inconel 825 Using Grey Relation Analysis" Proceedings of International Conference on Intelligent Manufacturing and Automation, ICIMA 2020.
2. Jay Mehta, Fay Colah, Anurag Rao, Vineeta Pendse, Kevin Ajmera, **Vyankatesh Bagal**., "Heat Transfer Augmentation from Extended Surfaces Using Dimples" Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition, IMECE2018, November 9-15, 2018, Pittsburgh, PA, USA
3. **Bagal, V.** and Mulemane, A., "Aerodynamic Drag Simulation and Validation of a Crossover" SAE Technical paper 2010-01-0757, 2010, doi: 104271/2010-0757.

*Papers Presented in Conferences:*

**International:**

1. **Bagal, V.** and Mulemane, A., "Aerodynamic Drag Simulation and Validation of a Crossover" SAE Technical paper 2010-01-0757, 2010, doi: 104271/2010-0757.

**National:**

1. Presentation on "Aerodynamic Simulation and Validation of a Ground Vehicle- A CFD Approach", at ANSYS Users Conference 2009, Pune.
2. First Prize for paper presentation "Predicting Vehicle Underhood Flows, Procedure Correlation and Validation", presented at ANSYS Users Conference 2008, Bangalore.

**Professional Training:**

1. Introductory training on Fluent & Gambit at ANSYS Pune (4 days)
2. Training on Underhood Thermal Management at ANSYS Pune (2 days)
3. Basic training on Star CCM+ at Bangalore (3 days)
4. Training on advanced wrapper technology at ANSYS Pune (2 days)

**Online Certification:****COURSERA**

- AI for Everyone, deepLearning.ai,
- Leadership and Emotional Intelligence, Indian School of Business
- Introduction to Data Analysis Using Excel, Rice University
- Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions, Rice University
- Business Applications of Hypothesis Testing and Confidence Interval Estimation, Rice University
- Linear Regression for Business Statistics, Rice University
- Business Statistics and Analysis Capstone, Rice University
- Specialization in Business Statistics and, Analysis, Rice University
- Welcome to Game Theory, The university of Tokyo
- Assessment in Higher Education -Professional Development for Teachers, Erasmus University Rotterdam
- Learning to Teach Online, UNSW Sydney (The University of New South Wales)
- Competitive Strategy, Ludwig-Maximilians-Universität München (LMU)

**NPTEL AICTE Approved FDP:**

- Convective heat transfer, 12 week course
- Experimental Methods in Fluid Mechanics, 12 week course
- Computational Fluid Dynamics, 12 week course

**Other Training/FDP Attended:**

1. Attended QIP training on “Transport phenomenon and phase change in reacting systems” at IIT Kanpur.
2. Active Teaching Learning Strategy Using Innovative Technology, Organized by Faculty of Science and Humanities, Dwarkadas J. Sanghvi College of Engineering.
3. IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi.
4. Innovation, Entrepreneurship and its Relevance in Industry 4.0 Practices in the Post Covid-19 Situation, conducted by Terna Engineering College, Navi Mumbai
5. Webinar on “Data Science and Applications”, conducted by Government College of Engineering Aurangabad and Karad.