

Name of Teaching Staff : Prof Dhaval Birajdar  
Designation : Assistant Professor  
Department : Mechanical Engineering  
Date of Joining the Institution : 09.07.2013



Qualifications with Class / Grade : M.Tech. Machine Design, SPCE, Mumbai University, 1<sup>st</sup> Class , August 2012,  
B.E. Mechanical Engg, Mumbai University, 1<sup>st</sup> Class , May 2009

Total Experience in Years : **Teaching:**  
Assistant Professor in St Francis College of Engineering from 1<sup>st</sup> July 2012 to 31<sup>st</sup> May 2013  
Assistant Professor in D.J. Sanghvi College of Engineering from 09-07-2013 to till date.  
**Industry:**  
1 year as Project Manager In Pace Air Management

Professional Memberships : ISME, ISHRAE

5 day Faculty Development Programme's completed from AICTE Training and Learning Academy : [1] Management of Intellectual Property(IP) and Innovation  
[2] Recent Advances in Mechanical Engineering Design  
[3] Srujan – The way Ahead  
[4] One Week Faculty development program on R  
[5] Outcome based Education : A step towards Excellence  
[6]

Faculty Development Programme's completed from NPTEL SWAYAM platform : [1] Effective Engineering Teaching in Practice

Faculty Development Programme's /Workshops completed from SVKM affiliated institutions : [1] 3D printing and Applications (by MPSTE)  
[2] Active Teaching Learning Strategies Using Innovative Technology (by DJSCE)

Training programs completed from MoE's Innovation Cell and AICTE : [1] Innovation Ambassador Training (Advanced Level)  
[2] Innovation Ambassador Training (Beginners level)

- One day Faculty Development Programme's completed from TCS : [1] Intellectual Property Rights  
[2] Machine Learning and Deep Learning
- Modules completed from Elsevier Researcher Academy : [1] 10 tips for writing a truly terrible review  
[2] Publishing open access  
[3] Open access and navigating the journal landscape  
[4] Systematic reviews 101  
[5] How researchers store, share and use data  
[6] Discover how metrics can boost funding and networking opportunities
- Courses completed from Coursera : [1] Assessment in Higher Education: Professional Development for Teachers  
[2] Learning to Teach Online  
[3] Leadership and Emotional Intelligence  
[4] Machine Learning for All
- Webinars attended : [1] Design - Past, Present and Future (Dwarkadas J. Sanghvi College of Engineering, Mumbai)  
[2] Industry Scenario after COVID -19 ( Guru Govind Singh College of engineering and Research Centre, Nashik)
- Research Papers Published:
- National: ---** : [1] Harshal Mehta, Ratan Soni , Parvez Shaikh, Jobin Abraham and **Dhaval Birajdar** . (2020). Design of an Accumulator for a formula student electric race Car. In: Vasudevan H., Kottur V., Raina A. (eds) Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering. Springer, Singapore. [https://doi.org/ 10.1007/978-981-15-4485-9\\_80](https://doi.org/10.1007/978-981-15-4485-9_80)