

**Faculty Publication:**

<b>Dr. (Mrs) A. G. Sabnis</b>				
<b>Sr. No.</b>	<b>Author</b>	<b>Title</b>	<b>Patent/ Journal/ Conference</b>	<b>Year</b>
1.	<a href="#">Anupa Sabnis</a> ; <a href="#">Leena Vachhani</a>	Single image based depth estimation for robotic applications	<a href="#">IEEE Recent Advances in Intelligent Computational Systems</a>	2011
2.	Leena Vachhani ; Anupa Sabnis	Simple and robust correlation based visual compass using omnidirectional view	IEEE TENCON	2011
3.	Anupa Sabnis Leena Vachhani	Method of Capturing full 360 degree view using Panoramic Imaging Systems	Patent filed IPA No.:1867/MUM/2012	2012
4.	Anupa Sabnis ; Leena Vachhani	A multiple camera based visual compass for a mobile robot in dynamic environment	<a href="#">IEEE International Conference on Control Applications (CCA)</a>	2013
5.	Anupa Sabnis ; Leena Vachhani ; Nee raj Bankey	Lyapunov based steering control for visual homing of a mobile robot	<a href="#">22nd Mediterranean Conference on Control and Automation</a>	2014
6.	Anupa Sabnis ; Arunkumar G. K. ; Vikranth Dwaracherla ; Leena Vachhani	Probabilistic Approach for Visual Homing of a Mobile Robot in the Presence of Dynamic Obstacles	<a href="#">IEEE Transactions on Industrial Electronics</a> ( Volume: 63 , <a href="#">Issue: 9</a> Journal	2016
7.	Prajakta Joshi ; Himanshu J. Bahirat ; Anupa Sabnis	Design and parametric study of active-type resonance HVDC circuit breaker	<a href="#">7th International Conference on Power Systems (ICPS)</a>	2017

8.	<a href="#">Prathmesh J. Koratkar</a> ; <a href="#">Anupa Sabnis</a>	Comparative analysis of different control approaches of direct torque control induction motor drive	<a href="#">Prathmesh J. Koratkar</a> ; <a href="#">Anupa Sabnis</a>	2017
9.	Sagar Indalkar Anupa Sabnis	Comparison of AC-DC Converter topologies used for battery charging in Electric Vehicle	International conference on iIntelligent Computing, Instrumentation and Control Technologies (ICICT)	2017
10.	Omkar Shinde Anupa Sabnis	Comparison of Maximum Power Plant Tracking Techniques used for Solar Photovoltaic Cell	International conference on iIntelligent Computing, Instrumentation and Control Technologies (ICICT)	2017
11.	Amol V. Daware ; Anupa Sabnis	Performance Measurement of Linear and Non Linear Controllers for Buck-Boost Converter in Solar Energy System	<a href="#">International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC)</a>	2018
12.	Arunkumar G. K. Anupa Sabnis Leena Vachhani	Robust Steering Control for Autonomous Homing and its Application in Visual Homing under practical conditions	Journal of Intelligent and Robotic Systems, Springer	2018
13.	Sagar Indalkar Anupa Sabnis	As OFF board Electric Vehicle charger based on ZVS Interleaved AC-DC Boost PFC converter	<a href="#">8th International Conference on Power Systems (ICPS)</a> Accepted for Conference on 22 <sup>nd</sup> December 2019	2019