

Name of Teaching Staff : Prof. Chaudhari Archana  
Abhimanyu  
Designation : Assistant Professor  
Department : Electronics Telecommunication  
Engineering  
Date of Joining the Institution : 13.07.2013



Qualifications with Class / Grade : 1. M.E. (EXTC)  
Mumbai University,  
Ist class, 2010, 66.54%  
2. B.E.(EXTC)  
Amravati University,  
2003, Ist class 61.5%

Total Experience in Years : **Teaching:** 15 years

1. Assistant Professor in Electronic & Telecommunication Engineering, D.J. Sanghvi College of Engg. from 13-07-2013 till date.
2. Assistant Professor and Head Electronics Engineering dept. from 2010 to July 2013.
3. Lecturer, Atharva College of Engg, from 18/8/2003 to 2010.

**Industry** :--

**Research:** --

Papers Published/ Published : **National:**

- “A Comparison of histogram equalization techniques for image contrast enhancement”, presented in ETEMC -2010, National conference organized by Indore Institute of Science and Technology, Indore on 17<sup>th</sup> and 18<sup>th</sup> April 2010.
- “Survey of Histogram Equalization Techniques for Image Contrast Enhancement”, presented in NCICT-09, National Conference organized by Mukesh Patel School of Technology Management and Engineering on 6<sup>th</sup> and 7<sup>th</sup> March 2009.

**International:**

- “Urban Bus Arrival Time Prediction using Linear Regression and Kalman Filter- A comparison”, presented in ICSCSP organized by Malla reddy college of engineering & technology, India on 22<sup>nd</sup> June 2018. The proceeding will be available on Springer digital library.
- “Energy- efficient Solar- Powered Weather station and Soil Analyzer”, presented in ICWiCOM-2017 organized by D. J. Sanghvi College of Engineering, Mumbai on 19<sup>th</sup> January 2018. Proceeding is available on Springer digital library.
- “Design and implementation of wireless gesture Controlled robotic car with robotic arm”, presented in ICEMTE-2017 organized by L. R. Tiwari College of Engineering, Mumbai. Proceeding is available on International Journal of Research in Science & Engineering Volume: 3 Issue: 2 March-April 2017, e-ISSN: 2394-8299, p-ISSN: 2394-8280.
- “A Generalized Contrast Enhancement Method for Greyscale and Colored Images”, presented in ICCT 2015 on 25<sup>th</sup> -26<sup>th</sup> September organized by D. J. Sanghvi College of Engineering, Mumbai. <http://www.caeaccess.org/proceedings/icct2015/number2/525-0172>, ISBN : 973-93-80892-20-2.
- “Review of Histogram Equalization Methods for Contrast Enhancement”, presented in ICCT 2015 on 25<sup>th</sup> -26<sup>th</sup> September organized by D. J. Sanghvi College of Engineering, Mumbai. <http://www.ijcaonline.org/proceedings/icct2015/number5/22666-1567>, ISBN : 973-93-80888-63-2

PhD Guide ? Give field & University : **Field:** --  
**University:** --

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|--|---|--|
| PhDs / Projects Guided                     | : | <b><u>PhDs:</u></b> --<br><b><u>Projects at Masters level:</u></b> --  |
| Books Published / IPRs / Patents           | : | --   |
| Professional Memberships                   | : | ISTE   |
| Consultancy Activities                     | : | --   |
| Awards                                     | : | <ul style="list-style-type: none"> <li>• Received Best paper awards at ICEMTE – 2017, for the papers entitled, “Design and Implementation of Wireless Gesture Controlled Robotic Car with Robotic Arm” Proceedings of ICETE 2017, 4th – 5th March 2017 at L. R. Tiwari College of Engineering, Mira Road (E).</li> </ul> |
| Grants fetched                             | : | --   |
| Interaction with Professional Institutions | : | --   |