

1. Prof.(Mrs.) Purva Chaitanya Badhe

Designation: Assistant Professor

Department : Biomedical Engineering

Date of Joining the Institution : 4.1.2015

Qualifications with Class / Grade :

1. M.Tech.(Electronics and Telecommunication), Mukesh Patel School of Technology Management and Engineering, NMIMS University, CGPA: 4/4, June 2014
2. B.E. (Biomedical Engg.), June 2010, (80.00%), University of Mumbai.
3. Pursuing Ph.D. (Electronics and Telecommunication Engineering) Mukesh Patel School of Technology Management and Engineering, NMIMS University

Total Experience in Years :

Teaching: **7.5 Years July 2011 till Date**

1. Assistant Professor, D.J. Sanghvi College of Engineering from 4.1.2015 till date.
2. Assistant Professor (Adhoc), D.J. Sanghvi College of Engineering from 11.7.2011 to 30.12.2014.

Industry: **1 year June 2010- June 2011**

Trainee Service Engineer- Transasia Biomedicals Ltd, (14.06.2010 to 30.06.2011)

Research:

Papers Published :

National:

International:

1. Purva B., Vaishali K., "A Review on Posture Assessment", IOSR Journal of Sports and Physical Education, Vol 5, Issue 5, pp. 8-15, 2018. DOI: 10.9790/6737-05050815.
2. Gesture Recognition: A Revolutionary Tool, International Journal of Technological Advancement and Research, Volume 3 Issue 3, and ISSN: 2249-8141 pp. 24-28.
3. Sign Language Recognition: A survey, IEEE Xplore, ICECS 2014 pp. 452-457.
4. Comparative Review of Ultrasound Based Techniques used for Diagnosis of Prostate Cancer, International Journal of Engineering Trends and Technology (IJETT), V23(3),138-141 May 2015. ISSN: 2231-5381.
5. A review of X ray in line phase contrast imaging in diagnosis of cardiac embolization and malignant tissue, International Journal of Engineering Trends and Technology (IJETT), Vol 29, Number 2, Nov. 2015, Serial No 19



Papers Presented in Conferences :

International:

1. Microcontroller based Rehabilitation Stimulator, I International Conference on Communication Technology 2013, International Journal of Computer Applications (0975 – 8887) pp.17-21
2. Sign Language Recognition: A survey, IEEE Xplore, ICECS 2014 pp. 452-457.
3. Indian Sign Language Recognition: Database Creation, Hand Tracking and Segmentation, proceedings of CSCITA 2014, IEEE Xplore pp. 358 – 363.
4. B. Purva, K. Vaishali, "Indian Sign Language Translator using Gesture Recognition Algorithm", IEEE Explore in proceedings of IEEE conference on Computer Graphics, Vision and Information Security, 2015

Awards : University gold Medalist at NMIMS University - M.Tech (Electronics and Telecommunication), June 2014

Workshops/Conferences and Trainings attended:

Participated in 2 Day Industry Interface Program- Imaging for Future Organized by Siemens Healthiness, 23-24th July 2018, Mumbai

Attended one-week ISTE approved Short Term Training Program on "Insights of Machine Learning and Deep Learning", Organized by Dept of Computer Engineering, D J Sanghvi College of Engineering. 2nd July -6th July 2018, Mumbai.

Participated as a delegate in "4th MRI Training Course" – a two-day training course arranged by Professional Radiology Education, held on 8th and 9th June 2013 at Nanavati Hospital, Mumbai

Attended One Day Seminar on "NANOTECHNOLOGY" on 30th January 2008 organized by Biomedical Engineering Dept, D.J. Sanghvi College of Engineering, Vile Parle, Mumbai.

Attended One Day Seminar on "NEW ERA CARDIAC CARE" on 10th February 2007 at Thadomal Shahani Engineering College, Bandra, Mumbai.