Name of Teaching Staff : Mr. Vivek Deodeshmukh

Designation: Associate Professor & Associate Head

Department: Biomedical Engineering

Date of Joining the Institution: 1/1/1999

Qualifications with Class / Grade:

1. **M.Tech. (Biomedical Instrumentation),** University of Mysore, 62.81 %

2. **BE (Instrumentation),** Dr. BAMU University, 63.33 %

Total Experience in Years:

Teaching: **21 Years**

- Assistant Professor in Bio-medical Engineering Dept., Dwarkadas J. Sanghvi College of Engineering affiliated to University of Mumbai (from 20-7-2002 till date)
- Lecturer in Bio-Medical Engineering, Dwarkadas J. Sanghvi College of Engineering (from 01-1-1999 to 19-7-2002)

Industry: 1 year 8 Months

- Service Engineer, Alpha & Omega Medical (I) Ltd.(from 1-5-1998 to 31-12-1998)
- Trainee Engineer at 'NOCIL' (from 1-1-95 to 28-12-1995)

Papers Published:

International:

1. Sagar Hazare, Vivek Deodeshmukh "Telemedicine System for Health Monitoring in Remote Indian Areas", at International Conference On Wireless Communication organized by Department of Electronics and Telecommunication Engineering, D. J. Sanghvi College of Engineering. Paper will be published in Springer

2. Sumaiya Salim Khan, Vivek Deodeshmukh "Wi-fi based Multi-equipment Universal Remote Controller for Smart Homes", International Journal on Communications on Applied Electronics, August-2017, Publisher: Foundation of Computer Science (FCS), NY, USA, Series: Volume 7, Number 5 ISBN : 973-93-80897-16-0, http://www.caeaccess.org/archives/volume7/number5/756-2017652672 DOI: 10.5120/cae2017652672

3. Snehal Harishbhai Patel, Vivek Deodeshmukh, "Video Retrieval System using Shot detection and Analysis of Frame Dissimilarities using Different Parameters",

Communications on Applied Electronics, August 2017, Publisher: Foundation of Computer Science (FCS), NY, USA, Series: Volume 7 , Number 5, 7(5):5-8, August 2017, ISBN : 973-93-80897-16-0, http://www.caeaccess.org/archives/volume7/number5/755-2017652669
DOI: 10.5120/cae2017652669

4. Snehal Harishbhai Patel, Vivek Deodeshmukh, "Effective Video Retrieval System using Adaptive shot detection and Feature", 3rd International Conference On Computing, Communication, Control And Automation, Organized by IEEE Pune Section and Pimpri Chinchvad College of Engineering, 17th - 18th Aug 2017, The paper will be published in IEEE Explore

5. Sumaiya Salim Khan, Vivek Deodeshmukh, "Wireless Omni-directional Multi-instrument Universal (WOMU) remote controller using Internet of Things (IOT) ", 3rd International Conference On Computing, Communication, Control And Automation" Organized by IEEE Pune Section and Pimpri Chinchvad College of Engineering, 17th - 18th Aug 2017, The paper will be published in IEEE Explore

6. Tanmay Dalal, Vivek Deoeshmukh, "WSN based Smart light control System using android", International Journal of Enhanced Research in Science, Technology & Engineering ISSN: 2319-7463, Vol. 5 Issue 6, June-2016, http://www.erpublications.com/uploaded_files/download/download_30_06_2016_19_52_08.pdf

7. Anikt Sathe, Prof. Vivek Deoeshmukh, "VANET based Overtake mishap preventive advance road safety system" , IEEE conference of "International conference on Inventive computation Technologies (ICICT 2016), RVS Technical campus, Coimbatore Tamilnadu, India, 26-27 August 2016, http://ieeexplore.ieee.org/document/7830121/
DOI: 10.1109/INVENTIVE.2016.7830121

8. Anikt Sathe, Vivek Deoeshmukh, "Advance pothole Notification technique for Vehicle road safety Using Android Application", International Journal of Enhanced Research in Science, Technology & Engineering, ISSN2319-7463, Vol.5, Issue 9, September-2016, http://www.erpublications.com/uploaded_files/download/download_01_10_2016_16_13_46.pdf

9. Tanmay Dalal, Vivek Deodeshmukh, "WSN based intelligent lighting control using android" 3rdInternational Conference on "Computing for Sustainable Global Development" INDIACom-2016; ISSN 0973-7529; ISBN 978-93-80544-20-5, BharatiVidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, 16th– 18thMarch, 2016
http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7724567
DOI: 978-9-3805-4421-2/16

10. Aniket Sathe, Vivek Deodeshmukh, "Advance Vehicle-Road Interaction and Vehicle monitoring System using Smart Phone Applications", 2016 International Conference on Innovations in information, Embedded and Communication Systems (ICIIECS), Karpagam College of Engineering, Myleripalayam Village, Othakkal Mandapam Post,

Coimbatore - 641032, Tamilnadu, 17th -18th March, http://ieeexplore.ieee.org/document/7916825/
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11. Samarjeet P Chavan, Vivek P Deodeshmukh, "Components that could build up a ideal Power-wheelchair", SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – Volume 2 Issue11 November2015. http://www.internationaljournalssrg.org/IJECE/2015/Volume2-Issue11/IJECE-V2I11P104.pdf

12. Samarjeet Chauhan, Vivek Deodeshmukh,"I - Wheel - A Robotic Wheelchair with Mobile Controlled Navigation System" SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – volume 2 issue 2 Feb 2015, http://www.internationaljournalssrg.org/IJECE/2015/Volume2-Issue2/IJECE-V2I2P103.pdf

13. Vivek Deodeshmukh, Prachi Arora, "Tracking System with effective Learning", International Journal of Infinite Innovations in Technology, ISSN:2278-9057, IJIIT| Volume-II| Issue-IV| 2013-2014 April| Paper-17, Reg. No.:20140317|DOI:V2I4P17 , http://ijiit.logicinside.net/archive/volume%202/issue%204/V2I4P17.pdf

14. Vivek Deodeshmukh, Prachi Arora, "Robust Real Time Tracking", International Conference on Advances in Computing and Information Technology' ICACIT 2014 at Rajiv Gandhi Institute of Technology Varsova Mumbai on 18 and 19 Dec. 2014

15. Vivek Deodeshmukh, Prachi Arora "Real Time Tracking Using Feedback Learning", International Journal of Engineering Research and Technology, ISSN:2278-0181, Vol.3-Issue 2, February-2014) http://www.ijert.org/view-pdf/8097/real-time-tracking-using-feedback-learning

16. Vivek Deodeshmukh1 S. Chaudhuri2 S. Dutta Roy2'Co-operative infrared visible field tracking' at 'International conference in Advances in pattern Recognition'. ISI Kolkata (Dec -2003) http://www.cse.iitd.ernet.in/~sumantra/publications/icapr03_coop.pdf

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National:

1. 'Identification based on Iris detection' National conference on Biomedical Engg. SP College Mumbai (Feb- 2006)

2. 'Computerised detection on malignant tumors on digital mammogram', CISP, Aurangabad (April-2006)

3 'Analysis of Transient Evoked Otoacoustic Emission Signals'', NCBME – 98, MIT, Manipal.