



Name of Teaching Staff: Dr. Manali J. Godse

Designation: Professor & Vice-Principal(Academic)

Department: Biomedical Engineering

Date of Joining the Institution: 30/6/1995

Qualifications with Class / Grade:

- **PhD** – Electronics Engineering from SVKM's NMIMS (D.U), Vile Parle (West), Mumbai 400 056, April, 2010, under the guidance of Dr. (Mrs.) Nandini K. Jog.
- **M.Tech** – Biomedical Engineering from Indian Institute of Technology (IIT) Mumbai, February, 1999. CPI = 7.42
- **B.E** – Biomedical Engineering from University of Mumbai, October, 1993. First class (honours) with distinction in the final year.
- **D.B.M** – Diploma in Business Management from Prof. Welingkar's Institute of Management, Matunga, Mumbai, June 1995.

Recognized as a Post graduate teacher: Guided 5 students in ME project.

Total Experience in Years:

Teaching: 23 **Years**

D. J. Sanghvi College of Engineering, Department of Biomedical Engineering,

- Vice Principal (Academic), Professor and Head of Department of Biomedical Engineering from January, 2018 till date.
- Professor and Head of Department of Biomedical Engineering, from July, 2011 till date.
- Associate Professor and Head of Department of Biomedical Engineering, from July, 2007 to June, 2011.

- Assistant Professor and Head of Department of Biomedical Engineering, from July 2001 to June, 2007.
- Joined as a Lecturer in Department of Biomedical Engineering in June 1995.
- Mahatma Gandhi Mission's College of Engineering and Technology, Kalamboli, Navi Mumbai worked as a Lecturer in Biomedical Engineering Department, from August 1994 to June 1995.
- Worked as a visiting faculty at Rajiv Gandhi Institute of Technology, Versova Andheri(West), Mumbai 400 053 as an expert in the subject of Biomedical Instrumentation for B.E. Instrumentation Engineering.
- Worked as a visiting faculty at Thadomal Shahani Engineering College, Bandra (West), Mumbai as an expert in the subject of Biomedical Instrumentation for M.E. Electronics Engineering.
- Worked as a visiting faculty at Bhagubhai Mafatlal Polytechnic, Vile Parle (West), Mumbai 400 056 as an expert in the subject of Biomedical Instrumentation for Post Diploma in Medical Electronics and Medical Equipment Maintenance certificate course.

Paper Published in International Journal:

1. Priyanka Batavia, Jash Bavishi, Hasti Gandhi and Dr. Manali J. Godse, "Study of Broadcasting Protocols in Vehicular Ad-Hoc Networks", International Journal of Engineering Trends and Technology (IJETI) Volume 36 Number 8, June 2016, <http://ijettjournal.org/archive/ijett-v36p279>
2. Lavanya Ramnath, Smeet Doshi and Manali Godse, "Comparative Study of Tongue Implants for Sleep Apnoea Control", International Journal of Engineering Trends and Technology (IJETI) Volume 22 Number 6, April 2015, <http://www.ijettjournal.org/archive/ijett-v22p260>
3. Bhayalakshmi Joshi, "Hand Gesture Detection and Recognition ", International Conference on Global Trends in Engineering Technology and Management,

ICGTETM-2015, Vol.7, Issue2, April2014-September2014, ISSN2278-7518

http://journal.cybertimes.in/?q=Vol7_B_P3_50

4. Analysis of Frequency content of Sural Nerve Action Potential in Diabetic and Non- Diabetic Patients using Continuous Wavelet Transform by M. J. Godse and N. K. Jog. *Special Issue of Medical Journal of D. Y. Patil University, MDYPU Vol – II, 3, 2009, ISSN No. -0974-2743*

Paper Published in National Journal:

1. Priyank Singh, Parth Joshi, Tapan Zaveri, Hari Batavia, Dr. (Mrs.) Manali Godse “Fall Detection System”,
Technofocus – Online Journal for Budding Engineers March, 2013.

Papers Presented in International Conferences:

1. Akshita Nichani, Shruti Pistolwala, Amit Deshmukh, Manali Godse, “Telemedicine,: Making healthcare Accessable”, International conference on wireless communication, on 19th and 20th January 2018, paper will be published in springer Digital Library
2. Lavanya Ramnath, Smeet Doshi Dr. Manali Godse, “Smart Eye for Computer Application”, International Conference on Communication Technology (ICCT 2015), D. J. Sanghvi College of Engineering, Hotel Sea Princess, Mumbai, 24, 25 October 2015, <http://research.ijcaonline.org/icct2015/number6/icct201581.pdf>
3. Bhagyalakshmi Joshi and Manali J. Godse, “Hand Gesture Detection and Recognition” 4th International Conference on Advances in Computing, Communication and Control, ICAC3-2015 April 2015, published in Conference proceedings .

4. Bhagyalakshmi Joshi and Dr. Manali J. Godse, "A Gesture Tool for Hand Gesture Detection and Recognition ", 4th International Conference on Global Technology Initiatives, ICGTI-2015, March 2015, Volume 4, Issue 1, www.ijgti.org ,ISSN 2277-6591(Print), ISSN-2320-1207(Online).
5. Swarali Narvekar and Manali Godse, "Vision Based Analysis Using Sixth Sense" *Multicon-W 2013 International Conference & Workshop on Electronics & Telecommunication Engineering Volume II 2013. ISBN978-0-9884925-2-3. Organized by Thakur College of Engineering and Technology on 22-23rd Feb, 2013. ISBN: 973-93-80873-96-7h Paper is published in IJCA(International Journal Of Computer Applications)*<http://www.ijcaonline.org/proceedings/icwet2013/numbar1/11330-1346>
6. M. J. Godse and N. K. Jog, " Analysis of difference in Calculated Frequency in Sural Nerve H-reflex in Diabetics and Non-Diabetics of age group III". *International Conference on Biomedical Engineering and Technology, ICBET'09 organized by World Academy of Science, Engineering and Technology WASET, Bangkok, Thailand, December25-27,2009*
7. M. J. Godse and N. K. Jog Frequency "Analysis of Sural Nerve H-Reflex in Diabetic and Non-Diabetic Patients of age group II". *International Conference on Biomedical Engineering and Technology, ICBET'09 organized by World Academy of Science, Engineering and Technology WASET, Bangkok, Thailand, December25-27,2009.*
8. M. J. Godse and N. K. Jog, "Analysis of Frequency content of Sural Nerve Action Potential in Diabetic and non-Diabetic Patients using Continuous Wavelet Transform", *International Conference in Biomedical Engineering and Nanotechnology, ICBENT'08 organized by D. Y. Patil University, Kolhapur, October 21-23, 2008.*

9. M. J. Godse and N. K. Jog, "Statistical Analysis of Wavelet Coefficients of Sural Nerve Conduction Signal in Diabetic and Non-Diabetic Patients", *SPIT-IEEE Colloquium '08 an International Conference organized by Sardar Patel Institute of Technology, Andheri, Mumbai, February 4-5, 2008.*

Papers Presented in National Conferences:

1. Swarali Narvekar and Manali Godse, "Vision Based Analysis Using Sixth Sense Technology (Skin Detection)" *Conference proceedings 2nd National Conference on Recent Trends in Wired & Wireless Organized by S.I.E.S.G.S.T on 15 -16th March, 2013.*
2. M. J. Godse and N. K. Jog, "Frequency Analysis of Sural Nerve Action Potential in Diabetic and Non-Diabetic patients".
National Conference on Information and Communication Technology NCICT'08 organized by SVKM's NMIMS (Deemed to be University), Vile Parle, Mumbai 400 056, February 29-March 1, 2008.
3. M. J. Godse and N. K. Jog, "Analysis of cross section of patients for Detection of Peripheral Neuropathy in Diabetic and Non-Diabetic Patients".
National Conference on Information and Communication Technology NCICT'07 organized by SVKM's NMIMS (Deemed to be University), Vile Parle, Mumbai 400 056, March 1-3, 2007.

Conferences Attended:

1. Attended a "National Conference on Emerging Trends in Biomedical Engineering" BIOCON 2005, organized by Bharati Vidyapeeth's college of Engineering (D.U) Pune, on September 15-16, 2005.
2. Attended an Orientation programme organized by Academic Staff College University of Mumbai from May 2 to June 1, 2000.

