


Name of Teaching Staff	: Dr. Manali J. Godse	
Designation	: Vice Principal (Academic)	
Department	: Biomedical Engineering	
Date of Joining the Institution	: 30 th June, 1995	
Email ID	: manali.godse@djsce.ac.in	
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Google Scholar Link	: https://scholar.google.com/citations?user=uGTsjbQAA&user=NHBwWiMAAAAJ	
Researchgate Link:	: https://www.researchgate.net/profile/Manali-Godse-4	
ORCID	: https://orcid.org/0000-0002-1488-3591	
Publons Researcher ID	: https://publons.com/researcher/AAC-5795-2022/	
Qualifications with Class / Grade	: <p>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.</p> <p>M. Tech – Biomedical Engineering from Indian Institute of Technology (IIT) Mumbai, February, 1999. CPI = 7.42</p> <p>B.E – Biomedical Engineering from University of Mumbai, October, 1993. First class (honours) with distinction in the final year.</p> <p>D.B.M – Diploma in Business Management from Prof. Welingkar’s Institute of Management, Matunga, Mumbai, June 1995.</p>	

Total Experience in Years	<p>: 27 years</p> <p>D. J. Sanghvi College of Engineering, Department of Biomedical Engineering,</p> <ul style="list-style-type: none"> • 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.
Papers Published in Journal:	<p>: <i>Papers Published in International Journal:</i></p> <ol style="list-style-type: none"> 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, Issue 2, April 2014-September 2014, 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*
5. Comparison of Different Video object Tracking Methods by Ritesh Singh, M J Godse, T D Biradar International Journal of Advanced research in computer science and software Engineering 2013.
6. Improving Histogram of oriented gradients for pedestrian detection Ritesh Singh, MJ Godse, TD Biradar in the International Journal of Engineering Science and Innovative Technology 2008.
7. Smart Eye for Computer Application by S Narvekar, M Godse in the International Journal of Computer Application 975, 8887, 2007.
8. Analysis of Cursor Movement Using Sixth sense Technology by S. Narvekar, M Godse in the International Journal of Computer Application 975, 8887, 2007.
9. Design of Human Computer Interaction using Image Recognition and Gesture movements by S Narvekar, M Godse in the CAE proceedings on International Journal of Engineering Science and Innovative Technology 2008.

Papers Published in National Journal:

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

Papers Presented in Conferences

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 & Tele communication 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, December 25-27, 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, December 25-27, 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", an *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.*
10. Design of Human Computer Interaction using Image Recognition and Gesture movements by S Narvekar, M Godse in CAE Proceedings on *International Conference on Communication Technology, 26-30, 2007.*

Papers Presented in National Conferences:

1. Swarali Narvekar and Manali Godse, "Vision Based Analysis Using Sixth Sense Technology (Skin Detection)" *Conference proceedings 2nd National*

		<p><i>Conference on Recent Trends in Wired & Wireless Organized by S.I.E.S.G.S.T on 15 -16th March, 2013.</i></p> <p>2. M. J. Godse and N. K. Jog, “Frequency Analysis of Sural Nerve Action Potential in Diabetic and Non-Diabetic patients” at <i>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.</i></p> <p>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”. <i>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.</i></p>
Area of Specialization		Biomedical Engineering
PhD Guide ? Give field & University	:	<p><u>Field:</u> --</p> <p><u>University:</u></p>
PhDs / Projects Guided	:	<p><u>PhDs :</u> --</p> <p><u>Projects at Masters level:</u> 3</p>
Books Published / IPRs / Patents	:	<p>Books (Editors for conference Proceedings on Springer) --</p>
Professional Memberships	:	ISTE BMESI
Grants fetched	:	Minor Research Grant (University of Mumbai)

Interaction with Professional Institutions	: Guest Lectures:	<ul style="list-style-type: none"> ● Guest Lecture at Thadomal Shahani Engineering College, Bandra in the subject of Biomedical Instrumentation for M.E. Electronics Engineering. ● Guest Lecture at Rajiv Gandhi Institute of Technology, Versova in the subject of Biomedical Instrumentation for B.E. Instrumentation Engineering. ● Guest Lecture at Bhagubhai Mafatlal Polytechnic, Vile Parle (West), in the subject of Biomedical Instrumentation for Post Diploma in Medical Electronics and Medical Equipment Maintenance certificate course. 				
Subjects Taught	: Other Achievements and Responsibilities:	<ul style="list-style-type: none"> ➤ Chairman, (Adhoc) – Board of Studies, Biomedical Engineering at the University of Mumbai. ➤ Vice Principal (Academic) ➤ NAAC Co-ordinator ➤ Controller of Examinations, DJSCE ➤ Chairperson of Admission Committee 				
Projects Guided	: UG Level:	<ol style="list-style-type: none"> 1. Biomedical Instrumentation 2. Nuclear Medicine 3. Hospital Management 4. Management Information System 5. Finance Management 				
Recommended Students for Higher Education	: PG Level:	<table border="1" style="width: 100%;"> <thead> <tr> <th data-bbox="705 1585 699 1653"><u>Name of the Student</u></th> <th data-bbox="705 1585 1495 1653"><u>University/Industry</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="705 1664 699 1778">More than 300 students at PG level.</td> <td data-bbox="705 1664 1495 1778">Various universities in USA, Canada & Germany.</td> </tr> </tbody> </table>	<u>Name of the Student</u>	<u>University/Industry</u>	More than 300 students at PG level.	Various universities in USA, Canada & Germany.
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More than 300 students at PG level.	Various universities in USA, Canada & Germany.					
Institute/Department Responsibility handled:		<ul style="list-style-type: none"> ➤ Vice Principal (Academic) ➤ Professor and Head of Department of Biomedical Engineering ➤ Controller of Examinations, DJSCE ➤ Chairperson of Admission Committee 				