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Education:	<ul style="list-style-type: none">• Ph.D. (E & TC) G.C.O.E.P, University Of Pune• M.E. (E & TC) G.C.O.E.P, University Of Pune• B.E. (E&TC) G.C.O.E.P, University Of Pune
Research Interests:	<ul style="list-style-type: none">• Pattern Recognition• Biomedical Signal Processing• Wavelet Analysis• Soft Computing
Teaching:	<ul style="list-style-type: none">• VLSI• Artificial Neural Networks and Fuzzy Logic• Electronic Design• Integrated Circuits and Applications• Digital Electronics• Electronic Devices and Circuits
Projects:	<ul style="list-style-type: none">• Undergraduate Projects guided: 35• Mini-projects (Third Year Level): 63

<p>Professional:</p>	<p><u>Profile Activities:</u></p> <ul style="list-style-type: none"> • Application Development Engineer, Comp Electra Systems, Pune <p><u>Service Activities:</u></p> <ul style="list-style-type: none"> • Coordinator for Tutorial Session , NCBCS 2006, Pune • Coordinator for Actel FPGA Programme, 2005-2007 • Staff In charge for Library, VIIT, 2005-2006 <p><u>Referee Activities:</u></p> <ul style="list-style-type: none"> • Reviewer, International Conferences: 1 <p><u>Membership:</u></p> <ul style="list-style-type: none"> • Member, Institute of Engineering and Technology, U.K. • Member, ISOI, India • Member of ISTE <p><u>Honors and Awards:</u></p> <ul style="list-style-type: none"> • Patents: 1 pending
<p>Publications:</p>	<ul style="list-style-type: none"> • International Journals: 3 • International Conferences: 9 • National Conferences: 1
<p>Computer Skills:</p>	<ul style="list-style-type: none"> • <u>Languages:</u> Matlab, VB6, VHDL, FoxPro • <u>Applications:</u> Neurosolutions , Altium Designer, Multisim, Proteus • <u>Algorithms:</u> Experience programming backpropagation for MLP • <u>Operating Systems:</u> Windows

International Journals:

- [1] Rajesh Ghongade, Dr. A.A. Ghatol; “Deciding Optimal Number of Exemplars for Designing an ECG Pattern Classifier Using MLP”, **Indian Journal of Science and Technology**, , Vol.2 No 4, 2009, Pages: 40-42 , e-journal (ISSN:0974-5645), Print journal (ISSN:0974-6846)
- [2] Rajesh Ghongade, Dr. A.A. Ghatol; “A Novel QRS Detection Method”, **International Journal of Applied Computing**., Vol. 2, Supp. Issue1, 2009, Pages: 6-13 ISSN: 0974–6277
- [3] Rajesh Ghongade, Dr. A.A. Ghatol; “Optimization of a Multi-Class MLP ECG Classifier using FCM”, (**accepted**) , **Indian Journal of Science and Technology**, Track No: 287, e-journal (ISSN:0974-5645), Print journal (ISSN:0974-6846)

International Conferences:

- [1] Rajesh Ghongade, Dr. A.A. Ghatol; “Electrocardiogram Pattern Classification: An Approach **Employing DWT and Artificial Neural Networks**”, (**presented**) at **Trends in process Instrumentation and Control - INCON2004, P.I.E.T, Pune,2004**, India, pp: 777-779
- [2] Rajesh Ghongade, Dr. A.A. Ghatol; “A Brief Performance Evaluation of ECG Feature Extraction Techniques For Artificial Neural Network Based Classification”, (published), at **IEEE TENCON 2007, Taipei, Taiwan**
- [3] Rajesh Ghongade, Dr. A.A. Ghatol; “Electrocardiogram Pattern Classification: An Approach Employing DCT And Artificial Neural Networks”, (presented) at **3rd Indian International Conference on Artificial Intelligence ,2007 (IICAI 07)**, Pune, India
- [4] Rajesh Ghongade, Dr. A.A. Ghatol; “On Performance Evaluation of ECG Feature Extraction Techniques for Artificial Neural Network Based Classification”, (published) at **International Conference on Advances in Computer Vision and Information Technology, 2007, (ACVIT-07)**, Aurangabad, India
- [5] Rajesh Ghongade, Dr. A.A. Ghatol; “Performance Analysis Of Feature Extraction Schemes for Artificial Neural Network Based ECG Classification”, (presented) at **International Conference on Computational Intelligence and Multimedia Applications , IEEE sponsored (ICCIMA 2007), Sivakasi, India**
- [6] Rajesh Ghongade, Dr. A.A. Ghatol; “A Multi-Class Heartbeat Classifier Employing Hybrid Fuzzy-Neural Network”, (presented) at **International Conference on Intelligent and Advanced Systems, Nov 2007 IEEE sponsored ICIAS 2007, Kuala Lumpur, Malaysia**
- [7] Rajesh Ghongade, Dr. A.A. Ghatol; “Reduced Feature Set for ECG Pattern Classification”, (published) at **International Conference in Medical Biometrics (ICMB 08), Hong Kong**
- [8] Rajesh Ghongade, Dr. A.A. Ghatol; “A Robust and Reliable ECG Pattern Classification using QRS Morphological Features and ANN ” at **IEEE TENCON 2008**, Hyderabad, India