



ADITYA S. ABHYANKAR

Dean Research & Development

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Education:	<ul style="list-style-type: none"> • Ph.D. (Electrical and Computer Engineering) Clarkson University, NY, USA • M.S. (Electrical and Computer Engineering) Clarkson University, NY, USA • B.E. (E&TC) University Of Pune
Research Interests:	<ul style="list-style-type: none"> • Pattern Recognition • Digital Signal and Image Processing • Wavelet Analysis • Biomedical Signals, Biometrics, Bio-informatics
Funded Research Projects:	<ul style="list-style-type: none"> • IUCRC, Morgantown, USA – grant # 15236, USD 108K • TFRC, NY, USA – grant # 13426, USD 350K • IUCRC, Morgantown, USA – grant # 22345, USD 120K • PPCrF, Syracuse, USA – grant ID 332, USD 65K • UoP, Pune, India – grant # (Eng-111), Rs. 2 lacs • IUCRC, Morgantown, USA – grant # (654736), USD 320K • MieYR, San Hose, USA – grant # 33384, USD 300K
Teaching:	<ul style="list-style-type: none"> • Digital Signal Processing • Pattern Recognition and Image Processing • Digital Image Processing • Artificial Intelligence • Signals and Systems • Digital Electronics: Design and Analysis • Electronic Devices and Circuits
Projects:	<ul style="list-style-type: none"> • Undergraduate Projects guided: 7 • Graduate Level Projects guided: 2

<p>Professional:</p>	<p><u>Profile Activities:</u></p> <ul style="list-style-type: none"> • Consultant, NexID Biometric LLC, Morgantown, West Virginia, USA • Consultant, VisionR&D, Montreal, QB, Canada • Consultant, Optra Systems, India <p><u>Service Activities:</u></p> <ul style="list-style-type: none"> • Chair, IEEE North Country Chapter, 2003-04, USA • Chair, Professional Activities and Continuing Education (PACE), 2005-06 • Graduate Committee Director, University Honors Delta, 2004-05 <p><u>Referee Activities:</u></p> <ul style="list-style-type: none"> • Reviewer, International Journals: 17 • Reviewer, International Conferences: 8 • Guest Editor, International Journals: 4 <p><u>Membership:</u></p> <ul style="list-style-type: none"> • Member, Institute of Electrical and Electronics Engineers • Member, American Society for Engineering Education • Member of ISTE (Applied) <p><u>Honors and Awards:</u></p> <ul style="list-style-type: none"> • Patents: 5 awarded, 3 pending • Copyrights: 3 • Disclosures: 4 • Technology Transfers: 6
<p>Publications:</p>	<ul style="list-style-type: none"> • International Journals: 36 + 3 • International Conferences: 153 • Book Chapters: 3 • Invited Magazine Articles: 6
<p>Computer Skills:</p>	<ul style="list-style-type: none"> • <u>Languages:</u> Matlab, C++, C, VB6, HTML, some use of Unix shell scripts • <u>Applications:</u> Generic Mapping Tools (GMT) - Unix mapping software, LATEX, common Windows database, spreadsheet, and presentation software • <u>Algorithms:</u> Experience programming Markov Chain Monte Carlo simulations of Bayesian posterior distributions • <u>Statistical Packages:</u> R, S-Plus, BUGS; some experience with SAS; extensive use of C and Fortran statistical libraries. • <u>Operating Systems:</u> Unix/Linux, Windows.