



MANDAR J KHURJEKAR

Professor, Department of Electronics & Telecommunication Engineering

[Vishwakarma Institute of Information Technology](#), Pune 411048

Phone: (+91)-(020) 26932300 - (ext: 291)

Fax: (+91)- (020) 26932500

Mobile: 9922953223

Email: mandarjk@gmail.com

Education:	<ul style="list-style-type: none"> • M.Sc. (Tech)(Instrument Design & Applications),UMIST, University of Manchester, UK,1982 • B.E. (E&TC),University Of Pune,1969 • Certificate course of Pune University in PERT-CPM • Certificate course of Pune University in German Language
Research Interests:	<ul style="list-style-type: none"> • Transducer and Sensor Design For Hydraulic Structures, Hydro Mechanical Systems, Geotechnical Structures and Biomedical Systems Using Optical fiber, Semiconductor devices and standard transducer Elements • Intelligent and Smart Sensor Designs
Funded Research Projects:	<ul style="list-style-type: none"> • Capacitance Wave Height Recorder • Bed Shear Measuring Device • And Many more Projects Funded by various Government Organizations, during my Tenure at CW & PRS, Pune(1970 to 1993) • Clamp On Tool for CNC Lathe by Premier Machine Tool Division • Uroflowmeter by M/S SANTRON, Pune
Teaching:	<p>At under Graduate Level</p> <ul style="list-style-type: none"> • Medical Electronics • Optical Fiber Communication • Linear Integrated Circuits and Applications • Opto Electronics • Analogue Communication • Mechatronics • Electronics Product Development <p>At Post Graduate Level</p> <ul style="list-style-type: none"> • Transducer Design • Biomedical Electronics • Fiber Optic Communications

Projects:	<ul style="list-style-type: none"> • Undergraduate Projects guided: 35 • Graduate Level Projects guided: 2
Professional:	<p>Service Activities:</p> <ul style="list-style-type: none"> • Chair, IEEE, Pune Subsection, 2008 • Vice Chair, IEEE, Pune Subsection, 2007 to 2007 • Treasurer. IEEE, Pune Subsection, 2004 to 2005 • Treasurer. IETE, Pune Centre 2001-2002 <p>Membership:</p> <ul style="list-style-type: none"> • Senior Member, Institute of Electrical and Electronics Engineers (USA) • Life Member, IETE (India) • Life Member of ISTE • Life Member of ISOI • Life Member of Biomedical Engineering Society of India • Life Member of Association of British Scholars,(Pune Chapter) • Member ISA • Member Institution of Engineers, India <p>Honors and Awards:</p> <ul style="list-style-type: none"> • Patents: 1 awarded • Award of Engineering Excellence for Instrument and Paper at IAHR Congress, in 1981 (Awarded by CBIP, India in 1983) for “Optical Current Meter”
Publications:	<ul style="list-style-type: none"> • International Conferences: 3 • National Conferences : 11 • Book Chapters: 2
Computer Skills:	Languages: C, Fortran 77, GWBASIC, BASIC