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Education:	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering) University of Pune, Pune • M.E. (Mechanical-Design Engineering) with FIRST RANK University of Pune, Pune • Dip. Mktg. Mgmt. University of Pune, Pune
Experience	<ul style="list-style-type: none"> • Teaching: 11 Years • Industrial: 1 Year
Research Interests:	<ul style="list-style-type: none"> • Mechanical Design Engineering • Numerical Methods in Engineering
Research Papers Published:	<ul style="list-style-type: none"> • International Conferences: 01 No 1. Sonawane P D, Amarjit Singh, Barpande G S and Jaware V B, "Simulation and Analysis of Flow Inside a Scramjet Combustor", 3rd International Conference on Fluid Mechanics and Fluid Power, Indian Institute of Technology, Bombay, Mumbai, Dec 7 – 9, 2006. • National Conferences: 04 Nos 1. Sonawane P D, Ingle R B and Bhawe S C," Experimental Analysis of Impact loads on spur gear tooth under misalignment conditions", Sixteenth National Convention of Mechanical Engineers & All India seminar on Future trends in Mechanical Engineering, Research & Development, Dept of Mech & Ind Engg, University of Roorkee, Roorkee, Sept 29-30, 2000. 2. Sonawane P D, Amarjit Singh, Bhatkar V W and Oak S M, "CFD Analysis of Hypersonic Flow around a Power Law Body" Engineering Design 2007 Conference, Indian Institute of Science, Bangalore, Aug 09-11, 2007. 3. Sonawane P D, Nitika Mittal, Barpande G S, Jaware V B, Amarjit Singh, "Slender Bodies at Hypersonic Speeds", IDST-MSAT 2007, Missile Complex, DRDL, Hyderabad, Oct 26-27, 2007. 4. Sonawane P D, Amarjit Singh, "Slender Aerodynamic Bodies for High Speed Armaments", National Conference on Advances on Armament Technology, ARDE, Pashan, DRDO, Pune, Nov 21-22, 2008.
Books Published:	<ol style="list-style-type: none"> 1. Sonawane P D and Wayase P U, "Computer Applications-Fourth Edition" Everest Publications, Pune, 2003. 2. Sonawane P D, Pavasakar D S and Ghanegaonkar P M, "Industrial Fluid Power-Fifth Revised Edition", Nishant Prakashan, Pune, 2007.

	3. Sonawane P D, Pavasakar D S and Ghanegaonkar P M, "Fluid Machinery-Fourth Revised Edition", Nishant Prakashan, Pune, 2003.
Membership:	Member of SAE India
Professional Training Conducted:	Conducted a refresher course on 'Industrial Fluid power' for Indian Seamless Steels & Alloys Ltd (ISSAL) employees at Jejuri, Pune, Feb 2003.
Workshop Conducted / Organised:	<ul style="list-style-type: none"> • Arranged One day Workshop on 'Implementation of Syllabus of Computer Oriented Numerical Methods (CONM) for TE Mech & Mech S/W' at Maharashtra Institute of Technology, Pune, on July 19, 2005. • Arranged One day 'CD – adapco Combustion Workshops' for CFD Professional & Researchers jointly with CD-adapco at Maharashtra Institute of Technology, Pune on July 23, 2007.
Conferences & Workshops attended:	<p>1997-1998</p> <ul style="list-style-type: none"> • Biomass/ Bagasse Cogeneration of Power, MITCON Pune, Dec 15-20, 1997. <p>1998-1999</p> <ul style="list-style-type: none"> • A course on Programming in C++, Govt College of Engg, Pune, Aug 31-Sep 30, 1998. • Hydraulics of Pumps & Piping Systems, The Indian Society of Hydraulics, Pune, Jan 15-17, 1999. <p>1999-2000</p> <ul style="list-style-type: none"> • One Month Course on 'I-deas Master Series', Onwards Technologies Ltd., Pune, Feb 21-March 21, 2000. <p>2000-2001</p> <ul style="list-style-type: none"> • One Day Workshop on 'Implementation of Syllabus – Industrial Fluid Power', D Y Patil College of Engg, Pune, Sep 17, 2000. • Sixteenth National Convention of Mechanical Engineers & All India seminar on Future trends in Mechanical Engineering, Research & Development, Dept of Mech & Ind Engg, University of Roorkee, Roorkee., Sept.29-30,2000. <p>2002-2003</p> <ul style="list-style-type: none"> • Practical aspects of Rotor Dynamics & on-line Condition Monitoring with Diagnostics' by Dr. J. S. Rao at Mumbai, Dec.14-15,2002. • Second International Conference on 'Vibration Engineering & Technology of Machinery (VETOMAC- II) organized by Bhabha Atomic Research Center at BARC, Mumbai, Dec.16-18,2002. • One day Workshop on '21st Century Challenges in Engineering Education, Army Institute of

Technology, Pune, Dec 21, 2002

2003-2004

- Continuing Education Program (CEP) on 'Modeling & Simulation' Aerospace Engineering Department, at Indian Institute of Technology, Bombay, April 30-May 02, 2004.
- Short term course (QIP program) on 'Scientific Computing with MATLAB' Department of Mechanical Engineering, at Indian Institute of Technology, Kanpur, June 7-11, 2004.

2004-2005

- One day Workshop on 'Recent Advances in Bearings & Lubricants' Department of Mechanical Engineering, at Sinhgad College of Engineering, Pune, July 05, 2004.
- One day Workshop on 'Revision of Third year Mech Engg Syllabi', PVG's College of Engg, Pune, Feb 28, 2005.
- One day Workshop on 'Safety assessment of Vehicles & Driver Assistant Systems' at Automotive Research Association of India, Pune, March 25, 2005.
- Continuing Education Program (CEP) on 'Product Lifecycle Engineering and Management' Mechanical Engineering Department, at Indian Institute of Technology, Bombay - Live through Satellite Transmission at Remote Center –STES, Pune, April 02-03, 2005.
- One day Workshop on 'Revised syllabus for TE Mech S/W, BE Mech S/W', Vishwakarma Institute of Technology, Pune, April 12, 2005.

2005-2006

- One day Workshop on 'Implementation of Syllabus of Computer Oriented Numerical Methods for TE Mech & Mech S/W' Maharashtra Institute of Technology, Pune, July 19, 2005.
- Continuing Education Programme (CEP) of DRDO on 'STAR CD', Institute of Armament Technology, Pune, Nov 28- Dec 02, 2005.
- Three day Workshop under Technical Education Quality Improvement Programme (TEQIP) on 'Introduction to Computational Fluid Dynamics', S V National Institute of Technology, Surat, May 10-12, 2006.
- SAE TopTech on 'CFD for Automotive Applications', Automotive Research Association of India, Pune, June 12-13, 2006.

2006-2007

- One day Workshop on 'Orientation of the subject Mechanical System Design', Pravara Rural Engg College, Loni, Aug 12, 2006.
- One day Workshop on 'Design for Manufacturing Processes', Indian Institute of Production Engineers, Pune, Dec 01, 2006.
- One Month 'Introductory Course on Commercial Computational Fluid Dynamics' at Tridiagonal Solutions Pvt Ltd, Pune, April 15-May15, 2007.
- Attended the Two Days 'STAR-CCM+ Basic Training Course' at CD-adapco, Bangalore, May 07-08, 2007.
- Attended the Three Days 'STAR-CD Basic Training Course' at CD-adapco, Bangalore, May 09-11, 2007

2007-2008

- One day Workshop for discussion on Revision of FE Mechanical Syllabus (2008 course) of University of Pune, PES's Modern College of Engg, Pune, Aug 14, 2007.
- SAE workshop on 'Computational Fluid Dynamics for I C Engines', Automotive Research Association of India, Pune, Oct 10, 2007.
- Two days national conference 'IDST-MSAT 2007', Missile Complex, DRDL, Hyderabad, Oct 26-27, 2007.
- Five days workshop on 'Wipro – Mission 10X Certification Program', Maharashtra Institute of Technology, Pune, Dec 17-21, 2007.
- Two days workshop on 'High Impact Presentation Skills', By Dale Carnegie & Associates, Inc Trainer and Wipro, Maharashtra Institute of Technology, Pune, Dec 17-18, 2007.
- Three days training on 'Catia V5 R16, CSM Software's, Pune, Feb 11-13, 2008.

2008-09

- National Conference on Advances on Armament Technology, ARDE, Pashan, DRDO, Pune, Nov 21-22, 2008.
- One day Workshop on 'Detailing of Syllabus of Computer Oriented Numerical Methods for TE Mech' Sinhgad Institute of Technology, Pune.
- One day Workshop on 'Detailing of Syllabus of Strength of Machine Elements for SE Mech ' Sangamaner College of Engineering, Sangamaner, Jan 28, 2009.