

# Resume



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## Brief Biography:

Vinayak Ganpat Asutkar received the BE (Instrumentation Engineering) and ME (Instrumentation Engineering) degrees from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India in 1989 and 1994 respectively and the PhD degree from Swami Ramanand Teerth Marathwada University, Nanded, India in 2010. He is presently working as an Associate Professor in the department of Instrumentation Engineering, Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded, India. His main areas of research interests include time-varying systems, system identification, wavelets and power electronics. E-mail: vgasutkar@sggs.ac.in.

## Qualification Details:

Sr. No.	Qualification	Institute	University	Year of Passing	Marks/Remarks
1	SSC	Yeshwant Vidyalaya, Chora, Tah: Bhadravati Dist: Chandrapur	SSC Board Nagpur	1983	68.43 First Division
2	HSC	Guru Nanak College of Science, Ballarpur, Dist: Chandrapur	HSC Board Nagpur	1985	68.33 First Division
3	B.E. (Instrumentation Engineering)	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Marathwada University Aurangabad	1989	68.73 First Division with Distinction

Sr. No.	Qualification	Institute	University	Year of Passing	Marks/Remarks
4	M.E. (Instrumentation Engineering)	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Dr. Babasaheb Ambedkar Marathwada University Aurangabad	1994	67.63 First Division
5	Ph.D	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	SRTMU, NANDED	2010	

- M.E. Thesis: Microprocessor Based Speed Control of Separately Excited DC Motor using Transistorized Chopper with PWM Scheme
- Ph.D Thesis: Some Studies on Identification of Linear Time-Varying Systems

#### Membership Details:

Sr.No.	Details
1	Indian Society for Technical Education (ISTE), New Delhi. Life Member 1994 LM 17269
2	The Institution of Engineering and Technology, UK Member 2014 1100329793

#### Subject(s) Thought:

Sr. No.	Title of course Taught	Under graduate/Post graduate
1	Circuit Theory	UG
2	Power Electronics	UG
3	Advanced Power Electronics	PG
4	Industrial Instrumentation	PG
5	Digital Signal Processing	UG
6	Digital Image Processing	PG
7	Network Analysis	UG
8	Elements of Electrical Engineering	UG
9	Control System Components	UG

Sr. No.	Title of course Taught	Under graduate/Post graduate
10	Basic Electronics	UG

### Teaching Experience:

Sr. No.	Name of Organization	Designation	Start Date	End Date	Duration (Years)
1	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded-431606	Lecturer	1990-02-08	1995-08-31	5 Years, 7 Months
2	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Assistant Professor	1995-09-01	2005-12-31	10 Years, 4 Months
3	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded-431606	Associate Professor	2006-01-01	0000-00-00	10 Years

### Administrative Experience/Responsibilities Shouldered:

Sr. No.	Details
1	Presently working as a Head, Department of Instrumentation Engineering, Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded, India since July 2014.
2	In charge of Electric Maintenance Cell of the Institute from 10/7/2006 to 24/9/2007 and Associate In charge of Electric Maintenance Cell of the Institute from 13/12/2010 to till date.
3	Chairman of Institute Level M. Tech Admissions committee from 2010 to 2012.
4	Chief Superintendent of Swami Ramanand Teerth Marathwada University, Nanded for the Examinations held in July 2006.
5	Coordinator of UTSAV 2011 held at Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded.
6	Coordinator of Alumni Meet 2013 held at Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded.

### Sponsored Projects / Research Projects: Co-investigator/Co-coordinator: 1

Sr. No.	Sponsoring Agency	Title of the project	Type of Project	Amount in lakhs	Year of Sanction
1	AICTE	Design and Development of Adaptive controllers using Different Process Identification Techniques for on-line process Control Applications	AICTE-RPS	5	2011-12

**Research Area of Interest:**

Time-varying Systems, System Identification, Wavelets and Applications and Power Electronics. , etc.

**Ph.D. Thesis Guided: On Going: 3**

Sr. No.	Name of the Research scholar	Title of the thesis	Status	Year
1	Vishal Vijay Pande	Design of Fractional Order PID Controller for Power Electronics System Using Evolutionary Techniques	On Going	0000-00-00
2	VILAS KASHINATH JADHAV	Design of Gain Scheduled PID Controller for LPV System	On Going	0000-00-00
3	Prakash Kewalram Nakade	Design of Fractional Order Controller for Electrical Drives	On Going	0000-00-00

**Master Thesis Guided: Awarded:33**

Sr. No.	Name of the Student	Title of the thesis	Status	Level	Year
1	Bhalerao Manoj G.	Analysis of Feature Extraction Techniques for Speech Recognition	Awarded	M.Tech.	2016
2	Tidke Mahesh Namdev	Finger Print Image Enhancement, Recognition and Gender Classification Using Wavelet Transform	Awarded	M.Tech.	2016
3	Sunny A. Neve	Lower Order Harmonic Reduction in Eleven Level Inverter with Buck Topology	Awarded	M.Tech.	2015
4	Sachin S. Wale	System Identification Using Wavelet Connection Coefficients	Awarded	M.Tech.	2014
5	Nitin D. Narwade	Two Phase Flow Instabilities and Void Fraction Measurement Using Capacitance Sensor in Two Phase Flow	Awarded	M.Tech.	2014
6	Kunal N. Tiwari	Development of Intelligent Controllers for Autonomous Underwater Vehicles	Awarded	M.Tech.	2013
7	Suvarna M. Mahale	Civil Structure Damage Detection Using Discrete Wavelet Transform and Artificial Neural Network	Awarded	M.Tech.	2013
8	Ajay A. Unhale	Fingerprint Feature Extraction and Matching	Awarded	M.Tech.	2012

Sr. No.	Name of the Student	Title of the thesis	Status	Level	Year
9	Sanjay W. Puri	Control of Power Factor Using AVR Microcontroller	Awarded	M.E.	2011
10	Vasant D. Biradar	Microcontroller Based Speed Control of DC Motor Using PWM Technique	Awarded	M.E.	2011
11	Arun H. Ukarande	Controller Design for Multivariable Process Control System	Awarded	M.E.	2011
12	Vitthal S. Jadhav	Monitoring and Control of Industrial Process Parameters using Smart Sensors	Awarded	M.E.	2011
13	Bhagyeshri R. Bhagwat	PLC and SCADA Based Automatic Control of Temperature and Level of CSTH	Awarded	M.Tech.	2010
14	Girish V. Lakhekar	Design and Development of Fuzzy Logic Based Controllers for Process Control Applications	Awarded	M.Tech.	2009
15	Mahedra K. Dawane	Modeling and Control of Steering	Awarded	M.Tech.	2009
16	Rupali K. Waghmare	Text-Independent Speaker Verification Based on Relation of MFCC	Awarded	M.Tech.	2007
17	Sayed Shoaib Anwar	Blind Identification of Channel Shorteners For Multicarrier System	Awarded	M.Tech.	2007
18	Pravin V. Thakare	Automation for Automobile Switch Testing	Awarded	M.E.	2006
19	Pavankumar	Identification of Time-Varying Autoregressive System Using Wavelet Transform	Awarded	M.Tech.	2006
20	Amritprakash Singh Granthi	Comparative Study of Joint Time-Frequency Analysis Techniques	Awarded	M.E.	2006
21	Mangesh D. Kakade	Identification of Linear System using Recursive Methods: A Comparative Simulation	Awarded	M.Tech.	2006
22	Satish Bapurao Nigude	Implementation of Model Predictive Control and Generalized Predictive Control	Awarded	M.Tech.	2006
23	Nitin R. Bandewar	Identification of Linear Time Varying ARX Model: A Comparative Study	Awarded	M.E.	2005
24	Prakash W. Bhonde	Design of Single Phase MOSFET Based Inverter using PWM Techniques with Output Voltage Control	Awarded	M.E.	2005
25	Gajanan M. Malwarkar	System Identification: A State Space Approach Based on Subspace Technique	Awarded	M.E.	2005

Sr. No.	Name of the Student	Title of the thesis	Status	Level	Year
26	Sachin N. Pathak	Neutrapit Automation in Thermal Power Station	Awarded	M.E.	2004
27	Shivaji N. Mulgir	Optical Telemetry for Multi-parameter Measurement using CPLD	Awarded	M.E.	2003
28	Sanjay T. Sanamdikar	Microprocessor based Thyristorized Power Controller with Multimode Operations	Awarded	M.E.	2003
29	Niranjan A. Samudre	Modeling and Identification of Linear Systems from Input Output Data	Awarded	M.E.	2003
30	Ashok P. Mane	Microprocessor based Design and Implementation of Three Phase Thyristor Dual Converter for Speed Control of DC Shunt motor	Awarded	M.E.	2002
31	Sanjeevani S. Kadtane	Image Data Compression using Laplacian Pyramid and Vector Quantization	Awarded	M.E.	2002
32	Arvind N. Jondhale	Automatic PCB Drilling Machine Controller	Awarded	M.E.	1998
33	Kailas S. Holkar	PC Based Flow Controller	Awarded	M.E.	1997

### Publications Summary:

1	International Journal	6
2	National Journal	2
3	International Conference	16
4	National Conference	14
5	International Book(s)	1
6	International Book Chapter(s)	1

### Publications in Journal:

Publications in International Journal : 6

Sr. No.	Details	Academic Year
1	S. T. Sanamdikar, S. T. Hamde, V. G. Asutkar, "A Literature Review on Arrhythmia Analysis of ECG Signal", <i>International Research Journal of Engineering and Technology</i> , vol. 02, Issue 03, pp.307 – 312, June 2015.	2014-2015

Sr. No.	Details	Academic Year
2	A. A. Unhale and V. G. Asutkar, "Fingerprint Features Extraction and Matching", <i>International Journal of Computer Applications</i> , vol. 4, pp. 28 - 32, May 2012.	2011-2012
3	Bhagyashri R. Bhagwat and Vinayak G. Asutkar, "Automatic Control of Temperature and Level of CSTR Using PLC and SCADA", <i>International Journal of Science and Technology</i> , vol. 2 Issue 3, pp. 35 - 37, June 2012	2011-2012
4	S. T. Sanamdikar, V. G. Asutkar and D. O. Patil, "Power Controller With Multimode Operations", <i>International Journal of Research in Engineering, IT and Social Sciences</i> , vol. 2, Issue 11, pp. 43 – 51, November 2012.	2011-2012
5	Vinayak G. Asutkar, Balasaheb M. Patre, and T. K. Basu, "Identification of Linear Time-Varying Systems Using Haar Basis Functions," <i>International Journal of Information and Systems Sciences</i> , vol. 6, no. 3, pp. 333 - 344, 2010.	2009-2010
6	G. V. Lakhekar, L. M. Waghmare and V. G. Asutkar, "Fuzzy Approach for Cascade Control of Interconnected System," <i>International Journal of Soft Computing</i> , vol. 5, no. 3, pp. 116 - 127, 2010.	2009-2010

## Publications in National Journal : 2

Sr. No.	Details	Academic Year
1	Vinayak G. Asutkar and Balasaheb M. Patre, "Identification of Flow System Using TVARX Model: A Wavelet Based Approach," <i>Journal of the Instrument Society of India</i> , vol. 40, no.3, pp. 21 - 24, March 2010.	2009-2010
2	V. G. Asutkar and S. T. Sanamdikar, "Microprocessor Based Thyristorised Power Controller with Multimode Operations," <i>Journal of the Instrument Society of India</i> , vol. 33, no.3, pp.169 - 175, September 2003.	2003-2004

## Publications in Conferences:

## Publications in International Conference(s) :16

Sr. No.	Details	Academic Year
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Sr. No.	Details	Academic Year
1	Sunny A. Neve and Vinayak G. Asutkar, "Lower Order Harmonic Reduction In Eleven Level Inverter With Buck Topology", <i>IEEE International Conference on Computer, Communication and Control (IC4-2015)</i> , Medi-Caps Group of Institutions, Indore, pp. 1 - 6, September 10 - 12, 2015. (Appeared in IEEE Xplore)	2015-2016
2	Kunal N. Tiwari, Vinayak G. Asutkar and Laxman M. Waghmare, "Single Input Fuzzy Logic Controller for Steering Control of Autonomous Underwater Vehicle", <i>2015 Indian Control Conference</i> , Indian Institute of Technology Madras, Chennai, India, pp. 417 - 420, January 5-7, 2015.	2014-2015
3	Sachin S. Wale and Vinayak G. Asutkar, "Evaluation of Wavelet Connection Coefficients by Wavelet-Galerkin Approximation", <i>2014 Annual IEEE India Conference (INDICON)</i> , Yashada, Pune, pp. 1 -6, December 11 - 13, 2014. (Appeared in IEEE Xplore)	2014-2015
4	Vinayak G. Asutkar, Balasaheb M. Patre, and T. K. Basu, "Identification of Slowly Time-Varying System Using Legendre Basis Functions," <i>IEEE INDICON 2009</i> , DAIICT, Gandhinagar, Gujarat, India, pp. 105 - 108, December 19 - 21, 2009. (Appeared in IEEE Xplore)	2009-2010
5	Vinayak G. Asutkar and Balasaheb M. Patre, "Identification of Flow System Using TVARX Model: A Wavelet Based Approach," in the <i>Proceedings of International Conference on Instrumentation (ICI 2009) and National Symposium on Instrumentation (NSI 34)</i> , Cummins College of Engineering for Women, Pune, January 21 - 23, 2010.	2009-2010
6	V. G. Asutkar, B. M. Patre, and T. K. Basu, "Kalman Filter Approach for Identification of Linear Fast Time-Varying Processes," <i>International Conference on Control, Automation, Communication and Energy Conservation INCACEC'09</i> , Erode, Tamilnadu, India, pp.1002-1006, June 4 - 6, 2009. (Appeared in IEEE Xplore)	2008-2009
7	V. G. Asutkar, B. M. Patre and T. K. Basu, "Identification of Time-Varying Systems with Fast Changing Parameters using Forgetting Factor Approach," in <i>proceedings of International Conference on Advances in Computing, Communication and Control (ICAC3'09)</i> , Fr. Conceicao Rodrigues College of Engineering, Mumbai, pp. 715 - 719, January 23 - 24, 2009. (Appeared in ACM Digital Library)	2008-2009



Sr. No.	Details	Academic Year
8	M. K. Dawane, V. G. Asutkar and M. W. Trikande, "Modeling and Control of Steering using Road Way Magnets ," <i>IEEE International Conference on Systems, Man, and Cybernetics</i> , International Convention and Exhibition Centre, Suntec Singapore, pp. 2122 - 2126, October 12 - 15, 2008. (Appeared in IEEE Xplore)	2008-2009
9	G. M. Malwatkar, A. A. Khandekar, V. G. Asutkar and L. M. Waghmare, "Design of Centralized PI/PID Controller: Interaction Measure Approach", 2008 IEEE Region 10 Colloquium and the Third ICIS, IIT Kharagpur, pp. 2535 - 2539, December 8 - 10, 2008. (Appeared in IEEE Xplore)	2008-2009
10	Rupali K. Waghmare and Vinayak G. Asutkar, "Advance Statistical Modeling for Speaker Verification", <i>The 3rd IEEE Conference on Industrial Electronics and Applications (ICIEA 2008)</i> , Holiday Inn, Singapore, vol. 3, pp. 2535 - 2539, June 3 - 5, 2008.	2007-2008
11	V. G. Asutkar, B. M. Patre, and T. K. Basu, "Identification of Time-Varying Systems using Kalman Filter Approach," <i>VI International Symposium on Optimization and Statistics (ISOS-2008)</i> , Department of Statistics and Operations Research Aligarh Muslim University, Aligarh, India, pp. 1 - 7, December 29 - 31, 2008.	2007-2008
12	Sayed Shoaib Anwar and V. G. Asutkar, "Blind Identification for Channel shorteners," <i>IEEE International Conference on Recent Advancements and Applications of Computer in Electrical Engineering (RACE)</i> , Engineering College Bikaner, March 24 - 25, 2007.	2006-2007
13	N. R. Bandewar, V. G. Asutkar and B. M. Patre, "Identification of Time-Varying ARX Model using RLS Method with Forgetting Factor", <i>International Conference on Instrumentation (INCON 2004)</i> , Pune Institute of Engineering and Technology, Pune, December 19 - 21, 2004.	2004-2005
14	M. D. Kakade, V. G. Asutkar, B. M. Patre and T. K. Basu, "A New Approach Toward System Identification using Recursive Least Square Method", <i>International Conference on Soft Computing</i> , Bharath Institute of Higher Education and Research (Deemed University), Chennai, pp. 1 - 10, May 28 - 29, 2004.	2003-2004
15	V. G. Asutkar, B. M. Patre and T. K. Basu, "Discrete Wavelet Transform in Matrix Form for Time-Varying System Identification", <i>International Conference on Soft Computing</i> , Bharath Institute of Higher Education and Research (Deemed University), Chennai, pp. 1 - 8, May 28 - 29, 2004.	2003-2004

Sr. No.	Details	Academic Year
16	V. G. Asutkar, C. B. Deshpande and L. M. Waghmare, "Speed Measurement and Control of Separately Excited DC Motor using Transistorized PWM Scheme," <i>International Conference on Stochastic Model, Optimization Techniques and Computer applications (ICSOC 1994)</i> , PSG College of Technology, Coimbatore, India, December 15 - 17, 1994.	1994-1995

## Publications in National Conference(s) : 14

Sr. No.	Details	Academic Year
1	A. A. Unhale and V. G. Asutkar, "Fingerprint Features Extraction and Matching", <i>IJCA Proceedings on National Conference on Advancement in Electronics and Telecommunication Engineering NCAETE (4)</i> , MPGI Integrated Campus, Nanded, pp. 28 - 32, April 7 - 8, 2012.	2011-2012
2	V. G. Asutkar, B. M. Patre and T. K. Basu, "Identification of Time-varying Systems with Continuously Changing Parameters," <i>National Symposium on Instrumentation (NSI-33)</i> , AU College of Engineering (Autonomous) Andhra University, Visakhapatnam, Andhra Pradesh, December 8 - 10, 2008.	2008-2009
3	V. G. Asutkar, B. M. Patre and T. K. Basu, "Identification of time-varying systems with abruptly changing parameters," <i>National Symposium on Instrumentation (NSI-33)</i> , AU College of Engineering (Autonomous) Andhra University, Visakhapatnam, Andhra Pradesh, December 8 - 10, 2008.	2008-2009
4	S. B. Nigude, V. G. Asutkar and V. V. Yerigeri, "Implementation of Model Predictive Controller to the Binary Distillation Column," <i>Proceedings of National Conference TSyGECA-06</i> , Govt. College of Engineering, Aurangabad. pp. 410 - 415, January 23 - 24, 2006.	2005-2006
5	M. D. Kakade and V. G. Asutkar, "Adaptive Identification in the Presence of White Noise Using Recursive Least Algorithm," <i>Proceedings of 2<sup>nd</sup> National Conference on Advanced Control and Instrumentation (ACI-2005)</i> , St. Joseph's College of Engineering, Chennai, pp. 74 - 78, February 3 - 4, 2005.	2004-2005

Sr. No.	Details	Academic Year
6	V. G. Asutkar, B. M. Patre and T. K. Basu, "Analysis and Visualization of Time-Varying Data using Wavelet Transform," <i>National Symposium on Instrumentation (NSI-28)</i> , Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, November 3 - 5, 2003.	2003-2004
7	V. G. Asutkar, B. M. Patre and T. K. Basu, "Wavelet Transform: A Tool for Linear Time-Varying System Identification," <i>National Symposium on Instrumentation (NSI-28)</i> , Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, November 3 - 5, 2003	2003-2004
8	G. M. Malwatkar and V. G. Asutkar, "Identification of Deterministic Systems based on Subspace Techniques," <i>Proceedings of National Conference on Advanced Control and Instrumentation (ACI-2004)</i> , St. Joseph's College of Engineering, Chennai, pp. 1 - 8, January 28 - 29, 2004.	2003-2004
9	G. M. Malwatkar and V. G. Asutkar, "System Identification: A State Space Approach Based on Subspace Techniques," <i>Proceedings of 10<sup>th</sup> National Seminar on Physics and Technology of Sensors (NSPTS-10)</i> , Vishwakarma Institute of Technology, Pune, pp. 240 - 245, March 4 - 6, 2004.	2003-2004
10	V. G. Asutkar and G. M. Malwatkar, "A New Method for Rotational Speed Measurement," <i>Proceedings of 10<sup>th</sup> National Seminar on Physics and Technology of Sensors (NSPTS-10)</i> , Vishwakarma Institute of Technology, Pune, pp. 7 - 12, March 4 - 6, 2004.	2003-2004
11	V. G. Asutkar, L. M. Waghmare and S. N. Mulgir, "Optical Telemetry for Multi-parameter Measurement using CPLD," <i>National Symposium on Instrumentation (NSI-27)</i> , Bharathiar University, Coimbatore, November 27 - 29, 2002.	2002-2003
12	V. G. Asutkar and S. T. Sanamdikar, "Microprocessor Based Thyristorised Power Controller with Multimode Operations," <i>National Symposium on Instrumentation (NSI-27)</i> , Bharathiar University, Coimbatore, November 27 - 29, 2002.	2002-2003
13	V. G. Asutkar, "Analysis of Nonstationary Signal using Wavelet Transform," <i>Proceedings of the National Conference on Sensors and Instrumentation</i> , ISS College of Information Technology and Engineering for Women, Hyderabad, January 5 - 6, 2002.	2001-2002

Sr. No.	Details	Academic Year
14	V. G. Asutkar and S. R. Hirekhan, "Solar Energy Based UPS Using IGBTs With PWM Scheme," <i>Proceedings of the 21st National Solar Energy Convention-97</i> , Anna University, Chennai, pp. 164 - 169, December 22 - 24, 1997.	1997-1998

#### Publications in Book: International:1

Sr. No.	Details	Academic Year
1	Vinayak G. Asutkar, Balasaheb M. Patre, and T. K. Basu, <b>Linear Time-Varying System Identification: Different Approaches</b> , <i>LAP LAMBERT Academic Publishing GmbH &amp; Co. KG</i> , Germany, 2011. ISBN No: 978-3-8473-0682-5 (Soft cover)	2010-2011

#### Publication of Book Chapter: International:1

Sr. No.	Details	Academic Year
1	Vinayak G. Asutkar and Balasaheb M. Patre, " <b>Identification of Linear Time-Varying Systems: Kalman Filter Approach</b> " Chapter 8 published in a book, <b>Intelligent Industrial Systems: Modeling, Automation and Adaptive Behavior</b> , edited by Gerasimos G. Rigatos and published by IGI Global Publication, Hershey PA, pp. 221-237, June 2010. ISBN No: 978-1-61520-849-4 (Hardcover)	2009-2010

#### STTP Attended:

Sr. No.	Institute	Title	Duration	Place
1	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Induction Training for Teachers (ISTE Orientation Programme)	1993-02-25 ( 4 days )	Nanded

Sr. No.	Institute	Title	Duration	Place
2	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Process Control and DCS Overview	1993-04-26 ( 1 week )	Nanded
3	L&T-Gould Limited, Hootagalli, Mysore	Logic Analyser Model K115 and Signal Conditioners	1994-03-03 ( 3 days )	Mysore
4	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Microprocessors in Instrumentation (AICTE Sponsored QIP Short Term Course)	1996-06-17 ( 2 weeks )	Nanded
5	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Digital Signal Processing (AICTE sponsored ISTE STTP)	1998-03-16 ( 2 weeks )	Nanded
6	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Digital Signal and Image Processing (AICTE sponsored ISTE STTP)	2000-06-05 ( 2 weeks )	Nanded
7	Government College of Engineering, Pune	Solar Energy Engineering	2001-03-13 ( 1 day )	Pune
8	MGM's College of Engineering Nanded	Mobilization of Financial Resources in Technical Institutes by Industry Institute Interaction (Sponsored by ISTE Chapter)	2002-01-07 ( 2 weeks )	Nanded
9	Department of Electrical Engineering, Indian Institute of Technology, Bombay, Powai, Mumbai	Advanced Topics in Linear Systems Theory (QIP Short Term Course)	2002-05-13 ( 2 weeks )	Mumbai

<b>Sr. No.</b>	<b>Institute</b>	<b>Title</b>	<b>Duration</b>	<b>Place</b>
10	Indira Institute of Management, Pune and Directorate of Technical Education (MS)	Management Capacity and Vision Development (under TEQIP)	2006-01-02 ( 3 days )	Pune
11	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Recent Trends in Signal and Image Processing (under TEQIP Networking Cell)	2006-01-16 ( 3 days )	Nanded
12	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Recent Trends in Instrumentation and Control ( A TEQIP Networking Activity)	2006-01-27 ( 3 days )	Nanded
13	Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded in Collaboration with Swiss Federal Institute of Technology, Lausanne, Switzerland	Development Environments and Processes	2006-02-11 ( 1 day )	Nanded
14	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Quality Assurance in Technical Education (under TEQIP)	2006-05-04 ( 3 days )	Nanded
15	Yashwantrao Chavan Academy of Development Administration, Pune-411007.	Sensitisation Training	2006-09-29 ( 3 days )	Pune
16	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Digital Signal Processing: Fundamentals, Advances and Applications (Sponsored by Networking Cell of TEQIP)	2006-12-18 ( 1 week )	Nanded
17	Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded in Collaboration with Directorate of Technical Education (MS)	Effective Role Execution for Institutional Development (For Professors and Assistant Professors) (under TEQIP)	2009-02-27 ( 2 days )	Nanded

<b>Sr. No.</b>	<b>Institute</b>	<b>Title</b>	<b>Duration</b>	<b>Place</b>
18	Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded in Collaboration with IIT Bombay	SCILAB and Its Applications to Global Optimization and Fractional Differential Equations	2010-04-23 ( 3 days )	Nanded
19	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Linear Algebra and Its Applications (under TEQIP)	2012-05-21 ( 2 weeks )	Nanded
20	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Research Methodology: Tools and Techniques (under TEQIP)	2013-03-11 ( 1 week )	Nanded
21	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	FEA and CFD for Engineers (under TEQIP)	2013-03-18 ( 1 week )	Nanded
22	Department of Computer Science and Engineering, National Institute of Technology, Warangal (AP)	Advanced Wireless and Mobile Network Technologies (under TEQIP)	2013-10-03 ( 1 week )	Warangal
23	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Training and Identification of Master Trainers and Evaluators on Outcome Based Accreditation Process and Parameters (under TEQIP II)	2014-03-21 ( 3 days )	Nanded
24	Government College of Engineering, Pune	Best Practices in Curriculum Development for Instrumentation Engineering	2014-08-08 ( 1 day )	Pune

Sr. No.	Institute	Title	Duration	Place
25	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat	Winter School on Speech and Audio Processing (WiSSAP)	2015-01-04 ( 1 week )	Gandhinagar
26	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Corporate Social Responsibility in the Indian Context (under TEQIP II)	2015-02-20 ( 2 days )	Nanded
27	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Probability, Statistics and Random Processes (under TEQIP II: CoE)	2015-02-28 ( 2 days )	Nanded
28	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	Multi-rate Signal Processing and Wavelets (AICTE Sponsored)	2015-06-29 ( 2 weeks )	Nanded
29	Department of Electronics and Communication Engineering, National Institute of Technology, Warangal, Telangana	Low Power System On-Chip Design Using Xilinx FPGA Devices	2015-10-03 ( 1 week )	Warangal
30	Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded	Industrial Applications of Signal and Image Processing	2017-03-21 ( 4-Day )	Nanded

### Workshop(s)/Conference(s) Attended:

Sr. No.	Institute	Title	Duration	Place
1	PSG College of Technology, Coimbatore, India	International Conference on Stochastic Model, Optimization Techniques and Computer applications (ICSOC)	1994-12-15 ( 3 days )	Coimbatore



Sr. No.	Institute	Title	Duration	Place
2	Anna University, Chennai, India	21st National Solar Energy Convention-97	1997-12-22 ( 3 days )	Chennai
3	ISS College of Information Technology & Engineering for Women, Hyderabad	National Conference on Sensors and Instrumentation	2002-01-05 ( 2 days )	Hyderabad
4	Bharathiar University, Coimbatore	National Symposium on Instrumentation (NSI-27)	2002-11-27 ( 3 days )	Coimbatore
5	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttaranchal	National Symposium on Instrumentation (NSI-28)	2003-11-03 ( 3 days )	Pantnagar
6	Govt. College of Engineering, Aurangabad-431005	National Conference TSyGECA-06	2006-01-23 ( 2 days )	Aurangabad
7	Engineering College Bikaner, Rajasthan	IEEE International Conference on Recent Advancements and Applications of Computer in Electrical Engineering (RACE)	2007-03-24 ( 2 days )	Bikaner
8	Fr. Conceicao Rodrigues College of Engineering, Mumbai,	International Conference on Advances in Computing, Communication and Control (ICAC3'09)	2009-01-23 ( 2 days )	Mumbai
9	Kongu Engineering college, Perundurai, Erode, Tamilnadu	International Conference on Control, Automation, Communication and Energy Conservation INCACEC'09	2009-06-04 ( 3 days )	Erode

Sr. No.	Institute	Title	Duration	Place
10	DA-IICT, Gandhinagar, Gujarat	IEEE INDICON 2009	2009-12-18 ( 3 days )	Gandhinagar
11	Cummins College of Engineering for Women, Pune	International Conference on Instrumentation (ICI 2009) and National Symposium on Instrumentation (NSI-34)	2010-01-21 ( 3 days )	Pune
12	Sinhgad College of Engineering, Vadgaon, Pune - 411041	Notional Conference on Pervasive Computing (NCPC-2010)	2010-04-09 ( 2 days )	Pune
13	Shri Guru Gobind Singhji College of Engineering and Technology, Vishnupuri, Nanded	National Conference on Instrumentation, Control and Signal Processing (ICSP-2013) (Chaired a session on Control Systems)	2013-07-08 ( 2 days )	Nanded

**Declaration:**

I hereby declare that all the above stated information is true to the best of my knowledge.

**Place:** Vishnupuri, Nanded.

**Date:** 01.11.2017

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Dr. Vinayak Ganpat Asutkar