


RESUME

1. Name:	Dr.Seema Haribhau Jadhav	
2. Current Official Address:	Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering (KBTCOE) Udoji Maratha Boarding Campus, Near Pumping Station, Gangapur Road, Nashik-422013, Contact No. 9225126970 Ph. No.(0253)2571439 (office) Ext: 325 E-mail: jadhav.seema@kbtcoe.org	
3. Residential Address:	Flat No. 12, Wing-B, Building No.17, Ganadhish Apartment, Narshiva Nagar, Gangapur Road, Nashik, Mobile: 9225126970 Email: jadhav.seema@kbtcoe.org	
4. Date of Birth:	October 28, 1975	
5. Nationality:	Indian	
6. Marital Status:	Married	
7. Languages Known:	Marathi, Hindi and English	

8. Educational qualification:

Sr. No	Degree (Specialization)	Institute & University	Year of Passing	% of Marks	Rank
1	Ph. D. (Instrumentation)	SGGSE&IT, Vishnupuri. SRTMU, Nanded	May 2023	-	Awarded
2	M. E. (Instrumentation)	SGGSE&IT, Vishnupuri, SRTMU, Nanded	Dec 2003	71.29	Distinction
3	B.E. Instrumentation	Gangamai College of Engineering, Nagaon, Dhule. (NMU University)	June 1998	62.13	First Class
4	12 th (HSC)	Maharashtra State Board, Pune	March, 1991	62.33	First Class
5	10 th (SSC)	Maharashtra State Board, Pune	March, 1989	71.28	Distinction

9. Teaching Experience: Organization, Designation and Period of employment.

Sr. No.	Institution / Organization	Designation	Period		Experience in Month/ Years
			From	To	
1	Laxtronics Industries,K-16, MIDC,Ambad, Nashik-10	Junior Engineer	01-08-1998	28-02-1999	6 Month
2	Gangamai College of Engineering, Nagaon ,Dhule	Lecturer	01-03-1999	23-10-2002	3 Years 7 Month
3	Maratha Vidya Prasarak Samaj's K.B. Thakare College of Engineering, Udoji Maratha Boarding Campus, Gangapur Road,Nashik-13	Lecturer	24-10-2002	28-02-2005	2 Years 5 Month
		Head and Assistant Professor	1-03-2005	30-08-2011	6 Years 5 Month
		Head and Associate Professor	1-09-2011	10-12-2018	7 Years 3 Month
4	Autofit Packing Pvt.Ltd.,MIDC, Malegaon ,Sinnar, Nashik	Automation Consultant	11-12-2018	30-12-2023	5Years 1 Month
5	Maratha Vidya Prasarak Samaj's K.B. Thakare College of Engineering, Udoji Maratha Boarding Campus, Gangapur Road,Nashik-13	Associate Professor	1-01-2024	Till date	6 Month
Total Teaching Experience: 20 Years 2 Months Industrial Experience: - 5 Years 4 Months					25Year 6Month

10. Project Works:

Completed BCUD minor Research project -“**Design and Testing of the Quadruple Tank process for multivariable using DCS System**” during 2016-18. (Rs.1.4 Lakh)

11. Membership of Professional Organization:

- The Indian Society for Technical Education - Life Member, (LM 41936)
- The Indian Society for Instrumentation - Life Member (LM 1302)
- The Institution of Engineers (India) - Life Member
- Indian Society of America (ISA) - Member, June1998.
- The Institute of Electrical and Electronics Engineers, (IEEE): Member
- The Indian Science Congress Association: Life Member.

12. Number of Research Papers published in National/International Journals:

1. Paper Titled “**A brain Computer interface Using Electro corticoagraphic signals in Humans**” in “Journal of Neural Engineering”, June 2004,Vol I, No.2, p.p.63-71.
2. Paper Titled “**Polygonal Approximation & Morphological Shape Representation Techniques for 2-D images**” “Published in Journal of Multimedia Paper ID : JMM62452, July 24, 2007.

3. Paper Titled **“Self Tuning PID Controller using Neural Network”** “Published in International Journal of Engineering Research and Industrial Applications, IJERIA Volume I, 2, 2008 P.P.46-51
4. Paper Titled **“Content Based Image Retrieval System with Hybrid Feature set and Recently Retrieved Image Library”** Published in International Journal of Computer Application(IJCA), Vol. 59,Number5,December 2012,p.p 46-55.
5. Paper Titled **“A Content Based Image Retrieval System using homogeneity Feature extraction from Regency-based Retrieved Image Library”** Published in International organization of scientific Research Journal of Computer Engineering (IOSR), Vol. 7,Issue 6,Nov.-Dec 2012,p.p 13-24.
6. Paper Titled **“Content Based Image Retrieval System with Semantic Indexing and Recently Retrieved Image Library”** Published in International Journal of Advanced Computer Technology (IJACT), Vol. 4,Issue 1,February 015,p.p 40-48.
7. Paper Titled **“Content Based Image Retrieval System with Regency-based Retrieved Image Library”** Published in International Journal of computer Trends and Technology (IJCTT), Vol. 19,Issue 1,January 2015,p.p 15-22
8. Paper Titled **“Content Based Image Retrieval System with Feature Extraction and Recently Retrieved Image Library”** Published in International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), Vol.1,December 2014-February 2015,p.p.9-16.
9. Paper Titled **“A Brawny hybrid FOFPID in MODA controller in HEVs”** Published in International Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor and Francis Group, vol. 42, Issue 7, pp. 864-881, 2020.
10. Paper Titled **“Modeling of Pine Sleek PID Control System in AC Heat Exchanger”**, Published in International Journal of Ambient Intelligence and Humanized Computing (*Springer*), Vol.14, PP. 16159-16171, 2022.
11. Paper Titled **“Direct Expansion (DX) air Conditioning(AC) System Control : Hybrid BOANFIS technique ”** Published in International Journal International Review of Applied Sciences and Engineering ,A.K. publication Elsevier, vol. 14, Issue3, pp. 303-315, 2023.
12. Paper Titled **“Role of Engineer in Environment Protection”** Published in Journal of The Institution of Engineers (India), Nashik local Chapter soveniour ”15th Sept 2004, p.p.17-21

13.Number of Research Papers published & Presented National/International Conferences: 22

International Conferences: 9

National conferences: 13

- Paper Titled **“Eye identification for face recognition using neural network”**, Presented in International conference on “Instrumentation ” in “INCON-2004” Organized by Dept of Instrumentation Engg, at PICT, Pune, During 19th to 22nd December 2003.Paper Titled **“Polygonal Approximation of 2-D Binary Images”** Presented in 4th International Conference on Information Technology “ITNG-2007” Organized IEEE Computer Society, at Las Vegas, NV, USA April 2 to April 4 2006
- Paper Titled **“Polygonal Approximation & Morphological Shape Representation Techniques of 2-D Binary Images”** Presented in International Conference on Industrial and Information Systems **“ICIIS-2009”** Organized Department of Electrical & Electronics Engineering at University of Peradeniya, Sri Lanka, Dec 28 to 31 Dec 2009.
- Paper Titled **“Image Compression using Sub-band Prediction and Embedded Multi wavelets”** presented & in the Proceeding International Conference on Emerging Technologies and Applications in

Engineering, Technology and Sciences, Organized by Dept of Computer Science, Saurashtra University ,Rajkot, Gujarat at, Rajkot, on 13-14 January 2008.

- Paper Titled “**Image Compression using Sub-band Prediction and Embedded Multi wavelets**” selected for 5th International Conference on Information Technology “**ITNG-2008**” Organized IEEE Computer Society, at Las Vegas, NV, USA April 7 to April 9 2008.
- Paper Titled “**An Overview and Preparation for Recognition of Emotion from Speech Signal with Multi Modal Fusion techniques**” selected for 2nd International Conference on Computer and Automation Engineering (ICCAE 2010)” Organized IEEE Singapore, 26 - 28, February 2010, Singapore.
- Paper Titled “**Content Based Image Retrieval System with Semantic Indexing**” Presented in International conference on Computational Intelligence Applications 2015 (ICCIA-2015) during 25-27 Feb 2015 at Sandip Institute of Technology & Research Centre Nashik.
- Paper Titled “**Design and implementation of low cost three phase energy meter**” 2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT) during 20-21 May 2016.
- Paper Titled “**Impact of faults on the efficiency of squirrel cage induction motor**” 2017 International Conference on Nascent Technologies in Engineering (ICNTE) during 27-28 January 2017.
- Paper Titled “**Unified wave Analysis**”, Proceeding of the National Seminar on “Communication Systems & its application” Organized by Depts. Electronic & Power Electronics at B.D. college of Engg. Sewagram, Wardha During 20th to 22nd December 2001.
- Paper Titled “**Image Processing & Multi Wavelet Analysis**”, Proceeding of the National Seminar on “Image Processing & Multi Wavelet & Analysis.” Organized by Dept.of Instru & Control at M.B.E.S college of Engg. Ambejogai, during 16th to 17th January 2001.
- Paper Titled “**Optical Growth Analysis**”, Proceeding of the State Level Paper Presentation “**VERSIMO-2002**” at V.I.T. college of Engg. Baramati, Pune-33, During 16th to 17th December, 2002.
- Paper Titled “**Image Processing**”, Proceeding of the State Level Paper Presentation “**Reflection-2002**” Instrufiesta 2002 at Government College of Engineering, pune-5.during 21st January 2002.
- Paper Titled “**Toolbox for Digital Image Processing by Using Matrix Manipulation**”, Proceeding of the National Seminar on “Image Processing & Advances” Organized by Dept of Instru & Control, Sponsored by ISTE, at S.G.G.S. College of Engineering & Technology, Vishupuri, Nanded, during 10th to 12th April 2002
- Paper Titled “**Temp Control of CSTR Process using Neural Network**”, Proceeding of the National Seminar on “Recent advances in Mechanical Engineering” in “**RAME-2004**” sponsored by Dept of Science & Tech. Government of India, New Delhi Organized by Dept of Mechanical Engg , at K.K.Wagh College of Enggineering, Nashik.
- Paper Titled “**Neural self-Tuning PID Controller**”, selected for National Symposium on Instrumentation “**NSI-30**” Organized by Dept of Instrumentation Engg, at Cochin University of Science& Technology, Cochin, on 30th November to 1st December 2005.
- Paper Titled “**Signature identification using MATLAB**”, selected for national Symposium on Instrumentation “**NSI-30**” Organized by Dept of Instrumentation Engg, at Cochin University of Science& Technology, Cochin, on 30th November to 1st December 2005.
- Paper Titled “**Offline Signature identification using MATLAB**”, selected for Second Control Instrumentation System Conference“**CISCON-2005**” Organized by Dept of Instrumentation & control Engg, at Manipal Institute of Technology, Manipal, Karnataka on November 11 to November12 2005.

- Paper Titled “**Self Tuning PID control Using Neural network**”, selected for Second Control Instrumentation System Conference “**CISCON-2005**” Organized by Dept of Instrumentation & control Engg, at Manipal Institute of Technology, Manipal, Karnataka on November 11th to November 12th 2005.
- Paper Titled “**Fingerprint Recognition using MATLAB**”, selected for National Conference on Sun rising Technologies “**NCSRT-05**” Organized by Parshvanath College of Engineering, at kasarvadvali, G.B.Road, Thane, on November 18 to November 19 2005.
- Paper Titled “**Embedded system & multi-wavelets for image Compression.**” presented & in the Proceeding national Symposium on Instrumentation “**NSI-31**” Organized by Dept of electronics Instrumentation Engg, at Institute of Technology & Management, Gwalior, on 12th Oct to 15th Oct 2006.
- Paper Titled “**Polygonal Approximation of 2-D Binary Images.**” presented & in the Proceeding national Symposium on Instrumentation “**NSI-31**” Organized by Dept of electronics Instrumentation Engg, at Institute of Technology & Management, Gwalior, on 12th Oct to 15th Oct 2006.

14. Work as Reviewer:

1. “African Journal of Agricultural Research (AJAR)”, publication of Academic Journals, Nairobi, South Africa, since December 2009.
2. “International Journal of Automation and Control”, a publication of Inderscience publishers since Dec. 2015.
3. “International Journal of Computers in Health science”, a publication of Inderscience publishers since June 2021.

15. No. of Books / Chapters Published / Session Chair: Book Chapter-1, Session Chair -2

1. Track Robotics in Process Control and Computer aided Surgery in 5th International Conference on Information Technology: New Generations ITNG 2008, April 7-9 2008, Las Vegas, Nevada, USA.

16. Number of NPTEL / FDPs / ATAL / STTP / QIP courses attended: 47

17. Number of Workshops / Seminars / Industrial visit/ Training organizing as Coordinator: 41

- Total Grant Received From B.C.U.D., University of Pune = 4,14,500/-
- Total Grant Received for Infrastructure From IIT Mumbai = 3,80,000/-
- Total Grant Received From M.H.R.D. Govt. of India under UBA = 50,000/-
- Total Grant Received under NMICT, Govt. of India From IIT Mumbai and IIT Kharagpur of Rs. 12,71,126/-

18. Projects/ Dissertation guided: UG-50

Name & Signature
Dr. Seema H. Jadhav