

## BIO-DATA



Name: Dr Shekhar Mallikarjun Jagade

Qualification: BE (ECT) ME(EC) spl computer PhD (ECT)

Date of Birth: 02/03/1969

Place of Birth: Sastur

Permanent Address: 28/261, ST colony Barshi naka Osmanabad 413501

Educational Details:

Class	Institute	Board/University	Year of passing	Class Obtained	% Marks
SSC	SSV Sastur	Aurangabad	1984	First	71.85
HSC	DSC Latur	Aurangabad	1986	Distinction	82.5
BE(ECT)	Govt Engg A'bad	Aurangabad	1990	First	65.5
ME (EC) spl computer	SGGS Nanded	SRTMU Nanded	1999	First	68.44
PhD(ECT)	SGGS Nanded	SRTMU Nanded	2008	awarded	-

## Work Experiences:

- Working as a Professor in Electronics and Telecommunication and dean HSCC at NBN Sinhagad College of Engineering Solapur
- Worked as Professor and Head Dept Of Electronics and Telecommunication in GHRCEM Pune during 08/08/2016 to 07/04/2017
- Worked as Principal from July24th 2007 to 29/07/2016 with Terna Public Charitable Trust at Osmanabad and Mumbai
- Worked as Professor in Dept of Electronics and telecommunication, College of Engineering Osmanabad during April 11<sup>th</sup> 2005 to July23rd 2007
- Worked as Asst Prof in Dept of Electronics and telecommunication, College of Engineering Osmanabad during Oct 1<sup>st</sup> 1999 to April 10<sup>th</sup> 2005
- Worked as a lecturer in Dept of Electronics and telecommunication, College of Engineering Osmanabad during Aug 20<sup>th</sup> 1991 to sept30th 1999
- Was Actively involved in development of Hybrid Integrated circuits in WIE(electronics div) at Pune during 23/10/1990 to 31/05/1991

- Worked as secretary ISTE chapter college of Engineering Osmanabad for a period of five Years
- Conducted 06 National level conferences in the capacity as Convener and Chair person
- Conducted International Conference SPCN2017 in the capacity as Chairman
- Recipient of third best paper award in 'Equinox, the national IT conference conducted by national computer society of India and TEC Nerul in Nov 2000.
- Successfully completed research project sponsored by Terna Infotech Cooperative societies energy meter manufacturing plant.
- Worked as a reviewer for project exhibition VERISMO2007 at VPCOE Baramati
- More than 26 years of Teaching and Industrial experience of which 8 years at the level of Principal of Engineering College.
- Visited two countries for presentation of papers viz Singapore and Thailand in 2004 and 2010 respectively

#### **Achievements:**

1 Worked for increase in intake of CSE from 60 to 90 and achieved by making appropriate Detailed Project Report and documentations for AICTE including oral arguments in hearing with All India Council For Technical Education New Delhi during 2009-10

2 Worked for sanction of second shift program in Mechanical and ECT 60 Intake and MCA 60 Intake achieved by making appropriate Detailed Project Report and documentations for AICTE including oral arguments in hearing with All India Council For Technical Education New Delhi during 2010-11

3. Worked for sanction of Master of Computer Science and Engineerin Intake 18 achieved by making appropriate Detailed Project Report and documentations for AICTE including oral arguments in hearing with All India Council For Technical Education New Delhi during 2010-11

4 Worked for sanction of Master of EC and Telecommunication Engineering Intake 18 achieved by making appropriate Detailed Project Report and documentations for AICTE including oral arguments in hearing with All India Council For Technical Education New Delhi during 2011-12

5 Worked for sanction of Master of Mechanical Engineering Intake 18 achieved by making appropriate Detailed Project Report and documentations for AICTE including oral arguments in hearing with All India Council For Technical Education New Delhi during 2012-13

6 Conducted Weengs-10(National Symposium) in 2010 in the capacity of chairman. Later this became traditional technical festival with the same brand name with 1500-2000 students participation in 2013,2014,2015 as weengs-13 weens- 14 and weengs-15 apart from this conducted NCDC national conference using Conference management tool in 2009 and National conference on advances in Electronics and Telecommunication in 2005.

7 College received best exam centre award of Rs 10000/- in 2009 and 2013

8 Highest University rankers in University during 2010. Figure was 10

9 Resolved issues of EPF,PNS,DTE and AICTE making up to date records attending hearings time to time

10 Designed and Implemented ten point course file structure for efficient teaching learning process

11 Worked as chair person for Terna Public Charitable Trust for Sixt Pay fixation in 2011.

12. Worked for NBA accreditation and faced NBA committee during March 31st to April 2nd 2016 in the capacity as Principal and got accreditation to three branches out of four

13 Worked for NBA accreditation for Department of E&TC at GHRCEM Pune in the capacity as HOD and faced committee during Oct 22<sup>nd</sup> and 23<sup>rd</sup> 2016 and got accreditation.

14 Worked as Chairman Board of studies Dept of EC&T GHRCEM Pune, an autonomus institution affiliated to SPPU Pune

15 Working as a research guide and guiding 07 students for PhD research program at Dr Babasaheb Ambedkar Marathwada University Aurangabad. One candidate awarded Ph D in 2017 by Dr BAMU Aurangabd.

## List of Publications

1. Jagade S.M., Sontakke T.R., “**Surface Mount Technology**”, proceedings of Indian National Conference on Application of Computers in Engineering and Communication, Osmanabad, March-24, 25th, 2001, PP B12-1 to B12-4.
2. Jagade S.M., Sontakke T.R., “Surface Mount Technology in Communication”, **International Conference** on Broad Band Optical Fiber Communication Technology, Jalgaon, Dec.5<sup>th</sup> to 7<sup>th</sup>,2001, PP 393 to 397.
3. Jagade S.M., Sontakke T.R., “**VLSI in HICs- How and when to use them**”, A paper to State Level Conference on VLSI Technology Design and Applications, Mumbai, March 8<sup>th</sup>, 2003.
4. **Jagade S.M., Sontakke T.R., “Optimization of Hybrid Integrated Circuits”, Proceedings of International Conference on Scientific and Engineering Computation, Conducted by, National University of Singapore. June 30<sup>th</sup> to July 2<sup>nd</sup> 2004.**
5. Jagade S.M., Sontakke T.R., “**Surface Mount Technology: An approach to optimization of hybrid integrated circuits**”, A paper communicated to IETE Journal of review, Sept. 9<sup>th</sup> 2004.
6. Jagade S.M., Sontakke T.R., “**Enhancement of Performance Parameters of Energy Meter Though Hybrid Microelectronic Circuit Technology**”, Proceedings of National Conference on Advances in Electronics and Telecommunication Engineering, Osmanabad, Feb. 25 th, 26th, 2005, PP 271 to 276.
7. Jagade S.M., Sontakke T.R., “**Minimization of error using Integrated circuit technology**”, Paper forwarded to IEE proceedings, March 2004.
8. Jagade S.M., Sontakke T.R., “**SMDs and Thick film resistors for high performance use**”, a paper presented in ‘Tsygeca-06’ , the National conference held at Hotel Taj Residency, organized by Govt. Engineering College, Aurangabad on Jan 24<sup>th</sup>, 25<sup>th</sup>, 2006.

9. Jagade S.M., Sontakke T.R, “Substrate Mount Thick film resisters for performance enhancement” , paper communicated to ‘The Institution of Engineers India, Kolkata on July 5th,2006.
- 10.Jagade S.M., Kamthane A.N, “Image Compression Using Transform Coding”, a paper presented in Equinox, the National IT Conference held at TEC Nerul, Mumbai, Sept 30th 2000 to Oct 2nd 2000. Certificate of merit for ‘Second Best Paper’ in professional’s category.
11. A. N. Holambe ; Dr.Ravinder.C.Thool ; Dr.S.M.Jagade”, Printed and Handwritten Character & Number Recognition of Devanagari Script using Gradient Features”, International Journal of Computer Applications Year: 2010 Vol: 2 Issue: 9,pp.39-41.
12. P. P. Kalyankar, S. M. Jagade, “ Isosurface Visualization of Medical Image”, 2nd National Conference On Nascent Trends in Information And Communication Technologies( equinox- 2010) September 17 & 18 , 2010 Organized by TPCT’s Terna Engineering College, Nerul, Navi Mumbai.
13. Ganesh B. Dongre, Dr. S.M. Jagade, “A review and Study on Fingerprint Based Gender Classification using Classified Techniques”, International Journal of Scientific and Engineering Research (IJSER), Paper Published in IJSER Volume 6, Issue3, March 2015 Edition (ISSN 2229-5518).
14. Somnath Dhonde, Dr S M Jagade, “Mel frequency cepstral coefficients for speaker recognition”, paper published in international Journal of Advance Engineering and research development vol 2 issue 5 June 2015.
- 15.Pravin Ponde, Dr S M Jagade, “RASP building confidential and efficiencyquery service in the cloud”, International Journal of advanced research in computer Engineering and Technology, vol3 Issue 12Dec 2014 PP4381-4386
- 16.Somnath Dhonde, Dr S M Jagade, “Mel Frequency cepstral coefficients for speaker recognition: a review”IJSER, March 2015
17. Pravin Ponde, Dr S M Jagade, “ Privacy preserving by hiding association rules mining from transaction database, IOSRCR vol 16 Issue 5, Sept – Oct 2014
- 18 Pravin Ponde, Dr S M Jagade, “Maintaining privacy and data quality to hide sensitive items from database, International Journal of application and innovation in Engineering and management ISSN 2319-4847 July 2015


19 Ganesh Dongare, Dr S M Jagade, “Histogram Matching of Fingerprint Images with Singular Value Decomposition and Discrete Wavelet Transform For Gender Identification”, International Conference on Signal processing computing and Networking” held at GHREM Pune during Feb 17<sup>th</sup> -18<sup>th</sup> 2017.

**Patent:** Title of invention:Text independent speaker identification using fusion of MFCC, LPC and Formant features. Patent Application no 201621016130 dated 19/05/2016 Published on 15/07/2016 Journal No 29/2016

List candidates undergoing research leading to PhD Degree in BAMU Aurangabad

Sr No	Name of candidate	Affiliation with contact no	Title of research	Remark
01	Mr S B Dhonde	AISSM Pune 9689917412	Text independent speaker identification system	Completed and awarded on march 14th, 2017
02	Mr Dongare Ganesh	CSMS Aurangabad 9921550899	Fingerprint based intelligent gender classification using fractional singular value decomposition Technique	In progress
03	Mr V U Deshmukh	VPCOE Baramati 9881448595	Parametric analysis of microstrip patch antennas	In progress
04	Mr S G Deshmukh	MIT Aurangabad 9890446214	A real time sign language recognition for deaf dumb and blind people	In progress
05	Mr V A Jadhav	Hitech Aurangabad 9405016411	Analysis of bandwidth utilization to optimize performance once in frequency modulated systems	In progress
06	Mr R P Shelkikar	TPCT Osmanabad 9423734589	Realization of pattern recognition in Indian vehicle license number plate for informative extraction using neural network	In progress
07	Mr D D Khumne	STB Tuljapur 9421956393	Performance evaluation of direction of arrival estimation and beam forming for smart antenna system	In progress
08	Mr Arun k Rajgure	BSNL Aurangabad 9422889044	Human Language interface to computer	In progress

Abstact of Achievements:

Name of Teaching Staff	:	<b>Dr S M Jagade</b>			
Designation	:	Professor			
Department	:	Electronics and Telecommunication			
Date of Joining the Institution	:				
Qualification with class/grade	:	UG BE (E&TC) First	PG ME EC First	Ph.D Ec&T	
Total Experience in years	:	Teaching 27 yrs	Industry 01yr	Research 03yrs overlapping	
Paper Published	:	National :02		International :09	
Papers presented in Conference	:	National :05		International :03	
Ph.D Guide ? Give field and university	:	Yes Dr Babasaheb Ambedakr Marathwada University Aurangabad			
Ph.Ds/Projects Guided	:	Yes(08)			
Books Published/IPRs/Patents	:	Yes (01 patent)			
Professional memberships	:	Life member ISTE, FIETE,Computer society of India,Institution of Engineers India			
Consultancy/Activities	:	Yes (Terna Infotech co operative society)			
Awards	:	Yes (Equinox national IT conference)			
Grants Fetched	:	Applied for MODROB 15 Lakhs in 2016-17 through GHRCEM Pune			
Interaction with professional Institutions	:	Yes (Delivered invited talks in various professional colleges) Worked as member of selection committee for the posts of Principal and professor			