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SINHGAD INSTITUTES
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|| ज्ञान दान पवित्र दान ||

Savitribai Phule Shikshan Prasarak Mandal's
N B NAVALE SINHGAD COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to P. A. H. Solapur University, Solapur)
CURRICULAM VITAE

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
'A' Grade
CGPA - 3.12 / 4.00

Dr. Shekhar Mallikarjun Jagade

Professor Head and Vice Principal Administration,   ME (EC) spl computer PhD E&TC

✉ **smjagade@gmail.com**   📞 **7767960314**

Educational Details	Institute / University Name	Passedout Year	Degree	Remark
	Govt Engg College Aurangabad	1990	BE E&TC	First Class
	SGGS Nanded	1999	ME EC Spl Computer	First Class
	SGGS Nanaded	2008	Ph D	awarded

Area Of Interest	

Subjects Handled	

UG	• Analog Communication, Sensors and Applications

PG	• Mobile Communication

Research And Guidance	

Number of PG Students Guiding / Guided	8

Number of PhD Students Guiding / Guided	9

Invited as Resource Person/ Expert/ Evaluator	• 2nd International Conference on Convergence in Technology (I2CT2017) April 7-9th, 2017 IEEE Chair Emeritus • International Conference on Emerging Trends in automation, communication and Security(ICETACS-2023) 20-21 July 2023 NBN SCOE Solapur Technical Program Chair

- International Conference on Signal processing, Computing and Networking (SPCN 2017) Feb 17-18,2017 GHRCEM Pune Reviewer Faculty committee member

Total Journal Paper Publications	34
Total Conference Paper Publications	10
UGC Approved	5
SCI Indexed	3
Detailed Journal Publication list	1. *1. 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. 9th, 2004. 2. Jagade S.M., Sontakke T.R., "Minimization of error using Integrated circuit technology", Paper forwarded to IEE proceedings, March 2004. 3. 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 24th, 25th, 2006. 4. 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. 5. 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. 6. Ganesh B. Dongre, Dr. S.M. Jagade, "A review and Study on Fingerprint Based Gender Classification using Classified Techniques", 7. 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. 8. Pravin Ponde, Dr S M Jagade, "RASP building confidential and efficiency query service in the cloud", International Journal of advanced research in computer Engineering and Technology, vol3 Issue 12Dec 2014 PP4381-4386 9. Somnath Dhonde, Dr S M Jagade, Pattern-Matching for Speaker Verification: A Review, © Springer International Publishing Switzerland 2015, Vol. 1, Advances in Intelligent Systems and Computing 327, DOI: 10.1007/978-3-319-11933-5_3 10. Pravin Ponde, Dr S M IJSER Jagade, " Privacy preserving by hiding association rules mining from transaction database, IOSRCR vol 16 Issue 5, Sept – Oct 2014 11. 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 12. D.D. Khumane & Dr. S.M. Jagade, "Performance Evaluation of DMUSIC & DPM For Dynamic Environment", Journal of Applied Science and Computations, Volume VI, Issue I, January-2019, pp.1475-1479. 13. D.D. Khumane & Dr. S.M. Jagade, "Direction of Arrival Estimation using a Dynamic- MUSIC Algorithm", International Journal of Information and Computing Science, Volume 6, Issue 1, January 2019, pp.64-68. 14. D.D. Khumane & Dr. S.M. Jagade,*

International Journal of Computer Sciences and Engineering, Vol.7, Issue.1, pp.699-702, 2019. 15. D.D. Khumane & Dr. S.M. Jagade, "DOA Estimation using Non-eigen Decomposition and Beamforming in Dynamic Condition", International Journal of Advanced Scientific Research and Management, Vol. 4 Issue 2, Feb 2019, pp. 250 – 253. 16. D.D. Khumane & Dr. S.M. Jagade, "Direction of Arrival Estimation using a Propagator Method for Static Scenario", International Journal of Current Engineering And Scientific Research (IJCESR), Volume-6, Issue-5, ISSN (Online): 2394-0697, ISSN (Print): 2393-8374. 17. D.D. Khumane & Dr. S.M. Jagade, "Performance Evaluation of Direction of Arrival Estimation and Beamforming Algorithm in Static Scenario", International Journal of Current Engineering And Scientific Research (IJCESR), Volume-6, Issue-5, ISSN (Online): 2394- 0697, ISSN (Print): 2393-8374. 18. D.D. Khumane & Dr. S.M. Jagade, "Smart Antenna System for Static Scenario using PM and LMS Algorithm", International Journal of Scientific Research and Engineering Development- pp. 4-7 – Volume2, Issue 3, May –June 2019. 19. D.D. Khumane & Dr. S.M. Jagade, "Performance Evaluation of Smart Antenna: DOA Estimation using MUSIC and Beamforming using LMS", International Journal of Scientific Research and Engineering Development pp. 8 – 13 – Volume2 Issue 3, May –June 2019, 20. D.D. Khumane & Dr. S.M. Jagade, "Performance Evaluation of DOA Estimation using MUSIC and Beamforming using LMS Algorithm for Static Scenario", International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 04 Apr 2019, e-ISSN: 2395-0056, p-ISSN: 2395-0072 21. D.D. Khumane & Dr. S.M. Jagade, "Smart Antenna – DOA Estimation And Beamforming Using MUSIC & LMS Algorithm", Iconic Research And Engineering Journals ISSN: 2456- Volume 2, Issue 11 May 2019. 22. D.D. Khumane & Dr. S.M. Jagade, "Analysis for DOA Estimation and Beamforming for Smart Antenna System", International Journal of Innovative Research in Technology (IJIRT), pp. 140-143, , Vol. 5, Issue - 12, May2019, ISSN: 2349-6002. 23. D.D. Khumane & Dr. S.M. Jagade, "Performance Evaluation of DOA Estimation using PM and MUSIC", International Journal of Innovative Research in Technology (IJIRT), Volume 5 Issue 11 April 2019, ISSN: 2349-6002. 24. D.D. Khumane & Dr. S.M. Jagade, "Direction of arrival estimation and beam forming for eigen value Decomposition in dynamic scenario", paper presented in International Conference on Science , Engineering and technology(ICSET) at Thailand on Aug 22nd –Aug 23rd , 2019. 25. Vijaya Rajeshwarkar & Dr S M Jagade, "CCIRGTN-Coexistence Channel Interference Reduction Using Game Assumptions in Television White Space Network" , paper published in international Journal Helix Vol. 9 (3): 4967- 4973, 30th June 2019 26. Vijaya Rajeshwarkar & Dr S M Jagade, "Performance Analysis of Low Energy Adaptive Clustering Routing protocol based on Scalability and Density in Wireless Sensor Networks for IoT Applications" International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 2, February-2022, Impact Factor: 7.429, Available online at: www.ijaresm.com 27. Vijaya Rajeshwarkar & Dr S M Jagade, "Optimal Cluster Head Selection Algorithm to Improve Lifetime of WSN Routing Protocol for IoT Application" Test international Journal on Engineering and management, Article Info Volume 83 Page Number: 25259 – 25266 Publication Issue: May - June 2020 28. Vijaya Rajeshwarkar & Dr S M Jagade, " Regulations and Standards for TV White Space" Helix Vol. 9 (3): 4960- 4966 , Published: 30th June 2019. 29. Vijaya G. Rajeshwarkar, Dr S.M.Jagade, P. Chandrasekhar Reddy, T.S. Dhope, "CCIRGTN Coexistence Channel Interference Reduction using Game assumptions in Television white space Network", 2019 International Conference on Computing, Communication, Information Security and Analytics (ICCCISA-2019) at Pune, India. 30. S G Deshmukh, Dr S M Jagade, "Indian sign language recognition using vision transformer based convolution Neural Network" , International Research Journal of Engineering and Technology (IRJET) volume 10,Issue 4, April 2023 S.No.170

Detailed Conference Publication list	1. *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.5th to 7th,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 8th, 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 30th to July 2nd 2004. 5. 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. 6. 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 24th, 25th, 2006. 7. 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. 8. 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. 9. Ganesh Dongare, Dr S M Jagade, "Histogram Matching of Fingerprint Imageswith Singular Value Decomposition and Discrete Wavelet Transform For Gender Identification", International Conference on Signal ptocessing computing and Networking" held at GHREM Pune during Feb 17th -18th 2017. 10. D.D. Khumane & Dr. S.M. Jagade, "Adaptive Antenna Technology for Wireless Communication System", S. T. B. College of Engineering, Tuljapur 413601, TULTECH : 2018, 09th & 10th March 2018. 11. D.D. Khumane & Dr. S.M. Jagade, "An Overview on DOA Estimation and Null Steering for Smart Antenna System", National Conference, S.T.B. College of Engineering Tuljapur – 413601, TULTECH 2019: Idea Innovation, 8th & 9th March 2019. 12. D.D. Khumane & Dr. S.M. Jagade, "Direction of arrival estimation and beam forming for eigen value Decomposition in dynamic scenario", paper presented in International Conference on Science , Engineering and technology(ICSET) at Thailand on Aug 22nd –Aug 23rd , 2019. 13. Vijaya Rajeshwarkar & Dr S M Jagade, "A survey of standards in Frequency spectrum for use in TVWS", International Conference on "SMART SYSTEMS"- (ICSS-2013) on 7-8 October 2013, Hyderabad, INDIA 14. Vijaya Rajeshwarkar & Dr S M Jagade, "Multi parameter approach for low energy adaptive efficient wireless sensor networks for IOT applications" International Conference on Materials and Energy (ICME-2019) Feb2021. 15. Vijaya G. Rajeshwarkar, Dr S.M.Jagade, P. Chandrasekhar Reddy, T.S. Dhope," A Survey of Standards in Frequency Spectrum for use in TVWS", International Conference on SMART SYSTEMS-(ICSS-2013), 7-8 October 2013, Hyderabad, India, ISBN No. 978-93-82163-88- 6, Pages-583-586. 16. Vijaya G. Rajeshwarkar, Dr S.M.Jagade, P. Chandrasekhar Reddy, T.S. Dhope, "CCIRGTN Coexistence Channel Interference Reduction using Game assumptions in Television white space Network", 2019 International Conference on Computing, Communication, Information Security and Analytics (ICCCISA-2019) at Pune, India. 17. Vijaya G. Rajeshwarkar, Dr S.M.Jagade, P. Chandrasekhar Reddy, T.S. Dhope, "Regulations and Standards for TV White Space", 2019 International Conference on Computing, Communication, Information Security*

	Chandrasekhar Reddy, "Multi parameter approach for low energy adaptive efficient wireless sensor networks for IOT applications", International Conference on Material Science, July 26-27 2019, Warangal, Telangana India. 19. Vijaya G. Rajeshwarkar, Dr S.M.Jagade, P. Chandrasekhar Reddy, "Optimal Cluster Head Selection Algorithm to Improve Lifetime of WSN Routing Protocol for IoT Applications", International Conference on Future Intelligence in Science & Technology held on 31st May 2020 at Sinhgad Institute of Technology and Science, Pune, India. 20. S.B. Dhonde, Amol Chaudhari and S.M. Jagade, "Integration of Mel-frequency Cepstral Coefficients with Log Energy and Temporal Derivatives for Text-Independent Speaker Identification" , Springer Science Business Media Singapore 2017, Proceedings of the International Conference on Data Engineering and Communication Technology, Advances in Intelligent Systems and Computing 468, DOI 10.1007/978-981-10-1675-2_78.
Number Of Patents	1
Detailed List of Patents	1. Title of invention:Text independent speaker identificationusing fusion of MFCC, LPC and Formant features. Patent Application no 201621016130 dated 19/05/2016 Published on15/07/2016 Journal No29/2016
Personal Details	
Employee Code	255
Adhar Card Number	907372166972
Pan Card Number	AAXP8046Q