



Dept. of Electronics and Telecommunication S.G.G.S. Institute of Engg. & Technology, Vishnupuri, Nanded- 431 606	Phone +91 2462-218 Mob: +91-9405691645 Fax +91 2462 269236 E-mail: abgonde@sggs.ac.in abgonde@gmail.com https://scholar.google.co.in/citations?user=LZy508EAAAAJ&hl=en
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Dr. Anil Balaji Gonde

1. **Date of Birth:** 31st March,1969
2. **Designation:** Associate Professor
3. **Degrees Obtained:**

Degree	Institute/ University	Year	Field of Specialization
B.E.(Electronics)	SGGS Institute of Engg & Technology, Nanded, Maharashtra, India	1990	Electronics
M.E.(Electronics)	SGGS Institute of Engg & Technology, Nanded, Maharashtra, India	1995	Electronics
Ph.D.	Indian Institute of Technology, Roorkee, Roorkee, Uttarakhand, India.	2012	Content based Image retrieval
Research Scholar	University of Windsor, Windsor, Canada	August, 2014 to November 2014	Image Retrieval

4. Ph. D. Thesis Title: Local and Global Descriptors using Wavelet Based Features for Image Retrieval

5. Employment Record:

University/College	Designation	Period	
		From	To
S.G.G.S. College of Engg. and Tech Nanded	Associate Professor	5 th Sept.,2008	Till date
S.G.G.S. College of Engg. and Tech Nanded	Selection Lecturer	5 th Sept.,2005	15 th June 2008
S.G.G.S. College of Engg. and Tech Nanded	Senior Lecturer	5 th Sept.,2000	5 th Sept.,2005
S.G.G.S. College of Engg. and Tech Nanded	Lecturer	5 th Sept.,1995	5 th Sept.,2000
MCT's College of Engg.,Airoli,Mumbai.	Lecturer	Aug,1992	4 th Sept,1995
Bapurao Deshmukha COE, Wardha	Lecturer	July,1991	July,92
HLV, Warora	Lecturer	Aug, 1990	June,1991

7. Subjects Taught

a. At undergraduate level:

- i. Numerical Method
- ii. Network Analysis and Synthesis
- iii. Digital Signal Processing
- iv. Digital Image Processing
- v. Electromagnetic Engineering
- vi. Multimedia
- vii. Numerical Method

b. At postgraduate level:

- i. Computer Vision.

8. No. of M. Tech students guided: 09

10. List of Conferences participated:

Sr. No.	Name of the Conference	Location	Year
i	Advance Computing Conference (IACC), 2010 IEEE 2nd International	Patiala	2010
ii	India Conference (INDICON), 2010	Kolkata	2010
iii	International Conference of Computational Vision and Robotics	Bhubaneswar	2011
iv	International Conference of Computational Vision and Robotics	Bhubaneswar	2010
V	IEEE International Conference on Computer Science & Information Technology	Panipat	2010
VI	<i>Seventh Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP'10)</i>	Chennai, INDIA	2010

12. Research Publications: (List is Attached in Appendix A)

- a). No. of Papers Published in Refereed Journals:07
- b). No. of Papers Published in Conferences :06

13. Professional and Other Activity:

1. *Reviewer :*

- 1. Circuits, Systems & Signal Processing, Springer.
- 2. International Journal of Signal and Imaging Systems Engineering, Inderscience.

14. Lectures Delivered at National level:

- a. Expert talk on “*Content based image retrieval*” in the National Conference on Emerging Trends in Engineering and Technology (NCETET) 2012 organized by VP’s College of Engineering, Baramati (M.S.) during February 28-29, 2012
- b. Expert talk on “*Local binary Patern features for Image retrieval*” in the One Week Short Term Training Program on “*Biomedical Signal Processing*” at SGGSIET & T, Vishnupuri, Nanded. 30thMarch, 2015 to 3rdApril, 2015.
- c. Expert talk on “*3-D Local Binary Pattern*” at Riosoni College of Engineering , Nagpur on Sept, 2015.

15. Administrative Responsibilities Held

1. JCS for SRTMU examination in 1997.
2. Departmental NBA coordinator
3. Member of syllabus review committee
4. **TEQIP-II Coordinator**

Dr.Anil Balaji Gonde

Appendix A

International Journals

- [1] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "Content based image retrieval using color feature and color bit planes," *International Journal of Signal and Imaging Systems Engineering (Inderscience)*, vol. 3, pp. 105-115, 2010.
- [2] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "A new feature for image retrieval using a` trous wavelet transform and textons," *International Journal of Computational Vision and Robotics (Inderscience)*, vol. 1, pp. 261–278, 2010.
- [3] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "Image Retrieval using Improved Texton Co-Occurrence Matrix," *International Journal of Computational Vision and Robotics (Inderscience)* , vol. 2, pp. 189–205, 2011.

- [4] A. B. Gonde, R P Maheshwari, and R. Balsubramanian, "SIFT Feature with Relevance Feedback for Image Retrieval," *International Journal of Computing Science and Communication Technologies, TECHNIA*, vol. 3, pp. 604-609, 2011.
- [5] A. B. Gonde, R. P. Maheshwari, and R. B. . "Modified curvelet transform with vocabulary tree for content based image retrieval," *Digital Signal processing 23 (1)*,142-150 Elsevier,2013
- [6] SK Vipparthi, S Murala, SK Nagar, AB Gonde. " Local Gabor maximum edge position octal Patterns for image retrieval. Neurocomputing, 2015 - Elsevier.
- [7] SK Vipparthi, S Murala, AB Gonde, Q.M. Jonathan Wu. Local directional mask maximum edge patterns for image retrieval and face recognition . IET, Computer Vision, 2015.

International Conferences

- [1] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "Multiscale Ridgelet Transform for Content Based Image Retrieval," in *IEEE International Advance computing conference (IACC 10)*, Thapar Institute of Engineering and Technology, Patiala, India, 2010, pp. 139-144.
- [2] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "Complex Wavelet Transform with Vocabulary Tree for Content Based Image Retrieval," in *Proceedings of Seventh Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP'10)*, Chennai, INDIA, 2010, pp. 359-366.
- [3] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "Rotated Complex Wavelet Transform with Vocabulary Tree for Content Based Image Retrieval," in *Proceedings of 1st International conference on Intelligent interactive technologies and multimedia (ACM Publication)*, Allahabad, INDIA, 2010, pp. 286-293.
- [4] A. B. Gonde, R. P. Maheshwari, and R. Balasubramanian, "Texton co-occurrence matrix: A new feature for image retrieval," in *Proceedings of IEEE INDICON 2010*, Kolkata, INDIA, 2010, pp. 1-5.

- [5] SK Vipparthi, S Murala, SK Nagar, AB Gonde. An Expert Local Mesh Correlation Histograms for Biomedical Image Indexing and Retrieval. Multimedia Retrieval - Perspectives and Challenges DOI: 10.15579/gcsr.vol4.ch1, GCSR Vol. 4, pp. 1-18, 2015.
- [6] A B Gonde, A V Nandedkar, A R Patil . Effective Implementation of TEQIP-II Programme: A Case Study. National Conference on TEQIP-II: Best Policies and Practices, 10-11th, January, 2014.