	Dr. Vinayak K. Bairagi Associate Professor, Dept of Electronics & Telecom. Engineering. All India Shri shivaji Memorial Society's, Institute of Information Technology, *(Affiliated to Savitribai Phule Pune University, Pune)* Kennedy Road , Near R.T.O, Pune – 411001. College web: http://www.aissmsioit.org Contact: (+91) 9421016118, Email: vbairagi@yahoo.co.in Website: https://www.researchgate.net/profile/Vinayak_Bairagi/
Qualifications:	• PhD (E&TC) in the area of Medical Image Compression, from College of Engineering, Pune; under University of Pune (2013). • M.E. (Electronic) from Sinhgad COE, Pune in 2007 (*1st Rank* in University of Pune).
Experience:	Teaching: ~10 years. Research: 7 years.

Publications	• 26+ Research Papers in International Journals.
	• 27+ Papers in National & International conferences including five IEEE conference publications.
	• Selected Publications:
	  1. V K Bairagi, K C Charpe, "Comparison of Texture Features Used for Classification of Life Stages of Malaria Parasite", **Hindawi** International Journal of Biomedical Imaging, Volume 2016, May 2016, pp1-9.
	  2. V K Bairagi, "Symmetry Based Biomedical Image Compression", **Springer** Journal of Digital Imaging. , Vol 28, No 6, pp 718-726, Dec 2015 *(Impact Factor 1.5)*
	  3. V K Bairagi, A M Sapkal, M S Gaikwad, "The Role of Transforms in Image Compression", **Springer** Journal of Institute of Engineers (India), Series B., Vol 94, No 2, June 2013. pp 135-140.
	  4. V K Bairagi, A M Sapkal , "Texture Based Medical Image Compression", **Springer Journal of Digital Imaging**, Vol 20, No 1, pp 65-71, Jan 2013. *(Impact Factor 1.5)*
	  5. V K Bairagi, A M Sapkal, "ROI based DICOM Image Compression for Telemedicine", Springer Sadhana- Academy Proceedings in Engineering Science, Vol 38, No 1,2013, pp 123-131. *(Impact Factor 0.259)*.
	  6. V K Bairagi, A M Sapkal, "Automated Region Based Hybrid Compression for DICOM MRI Images for Telemedicine Applications", **The IET** Science, Measurement & Technology**,** Vol 6, No 4, July 2012, pp. 247 – 253 *(Impact Factor 0.706)*
	  7. T. G. Shirsat and V. K. Bairagi, "Lossless Medical Image Compression by Integer Wavelet and Predictive Coding", Hindawi-ISRN Biomedical Engineering, Volume 2013, June 2013, pp 1-6.

Intellectual Property Rights	• Patents : 8 Filed • Copyrights : 4 (3 Registered)
Recognition	• Reviewer for Seven scientific journals. (Includes IEEE Transaction, IET Journal) • Session Chair at IEEE International Conference at IOIT, Pune 2016. • Session Chair at Springer International Conference Lavasa 2016. • Session Chair at IEEE International Conference at COEP, Pune 2015. • Reviewer for Ten IEEE /IDES International conferences abroad. • Invited reviewer for Tata Mcgraw Hill-Book on Electronic Measurement for B.Tech. Students. • Session chair for many national conferences organised by MIT,Pune , PICT, Pune, Cummins College, PVG college etc. • S P Pune University Subject chairman (many subjects over years) (UG&PG). • S P Pune University recognised PhD Guide.

Awards	• Indian Society for Technical Education *(ISTE) Young Researcher Award winner 2015.* • Institute of Engineers India *(IEI) Young Engineer Award winner 2014.* • Appreciated by AISSMS-IOIT for Excellent academic performance with Letter & Memento (2015). • *"Maniratna"* Best Teacher Award for Excellent academic Performance (2013). • "*Best Teacher*" Award from JaiGuru Datta Seva Santha, Pune (2012) • Appreciated by Shree Rangdas Swami Ed. So. Mulashi, Pune, for **remarkable** academic performance with Letter & Memento (2012). • Appreciated by Sinhgad college for Excellent academic performance with Letter & Memento (2009 & 2010). • Won **Runner-up** Prize in 'Avishkar-07' a research Project Competition • Winner of Yuva Engineers Awards 2014 in Technical paper section at Youva-Engineers, Hydrabad for paper "Image Compression Based on Prediction Coding". • Young Investigator Award for paper "Lossless Medical Image Compression" at International conference ICEECS-2013 at Mumbai. • Consolation Award for paper "A Scalable Parallel Processor for Real-Time Image Processing" at National conference UESCOMM-2013 at Solapur. • Winner of paper presentation competition Army Institute of Technology in Jan 2015.
Teaching Responsibilities:	• Various courses at B.E and M.E level like Electronic Product Design, Electronic Measurement Systems, Television Engineering, Digital Signal Compression, Fibre Optic Communication, Research Methodology and Embedded Product Design.
Additional Responsibilities:	• Research and development coordinator. Research proposals to UoP, DST, AICTE, BRNS, RGSTC, ISRO, IEI, Bhau Foundation. • Development of laboratories as per the syllabus of S P Pune University.
Research Project:	• BCUD, UoP funded project on "Medical image compression". M.E. & Research students are working in the domains of Image Processing.
Project Guided	• B.Tech / BE - 16 (Groups) +3 ongoing • M.Tech/ ME - 09 + 2 ongoing • PhD - 06 Registered + 01 Student awaited for registration
Organized	STTP : 7, Conferences : 5, Seminars : 10, Workshops : 7.
Attended	STTP :12, Conferences :21, Seminars : 11, Workshops : 8