

Faculty Vitae

Name of the Faculty					
MS. RAJI PANDURANGAN					
Education					
	Degree	Discipline	Institution	Year	
UG	B.Tech	ECE	Acharya Nagarjuna University, A.P	2000	
PG	M.E	Applied Electronics	Sathyabama University, T.N	2011	
PhD	PhD	Digital Image Processing	Bharath University, T.N	Pursuing	
Academic experience					
Institution		Title	From	To	FT/PT
Bharath University		Associate Professor	Jan 2017	July 2017	FT
Bharath Institute of Higher Education and Research , Agharam Road, Selaiyur		Assistant Professor	1st May 2011	Dec 2016	FT
Audi Sankara Engineering college , Gudur , Nellore, Andhra Pradesh		Assistant Professor	1st May 2004	24th August 2007	FT
Narayana Engineering college, Nellore , Andhra Pradesh		Assistant Professor	10th June 2000	31st December 2003	FT
Certifications or professional registrations					
Diploma in yoga					
Membership in professional organizations					
IEEE student member					
Honors and awards					
<ul style="list-style-type: none"> • Received best paper award, Nov 9th 2013, Andhra Pradesh for “A Novel Method For Visible Water Marking”, National Conference On Modern Trends In Computers , Electronics, Civil &Power Engineering 					
Service activities (within and outside of the institution)					
Member of women empowerment cell at Bharath University					
List of Publications					
<ul style="list-style-type: none"> • Raji Pandurangan, B.Sangeetha ,“Data Gathering Mechanism for long distance Wireless Sensor Networks using Mobile Robot”, International Journal of Innovative Research in Science, Engineering and Technology, pp: 14945 to 14952,Vol 3,issue 7,ISSN: 2319- 					

8753, July 2014, <https://www.rroij.com/open-access/datagathering-mechanism-for-long-distancewireless-sensor-networks-using-mobile-robot-.php?aid=48165>

- Raji Pandurangan,K.B.Neelima “A Study On Electronic TaToo”, International Journal of Research (IJR) pp : 617-621,Vol-1, Issue-9, October 2014 ISSN 2348-6848,Oct 2014, <https://edupediapublications.org/journals/IJR/article/view/671>
- Raji Pandurangan, Dr.E. Logashanmugam “DCT-SVD AND DWT-SVD IMAGE WATERMARKING TECHNIQUES”International Journal of Applied Engineering Research pp: 25835-25839 vol.9 (24), November 2014, https://www.researchgate.net/publication/290042184_DCT-SVD_and_DWT-SVD_image_watermarking_techniques
- Raji Pandurangan, P Ranjan, L Marbaniang “Recognition of License Plate with Gsm & Zigbee” International Journal of Research pp:414-417 vol.2 (4), April 2015, <https://edupediapublications.org/journals/index.php/IJR/article/view/1797>
- Raji Pandurangan ,AS Saurabh Pandey, Md. Wajid Khan, Rizwan Hyder,S. Arul Selvi “Attaining Augmented Overhaul and Profit Maximization in Cognitive Wireless Interlock Networks”, International Journal of Recent Research in Electrical and Electronics Engineering pp: 36-40,Vol. 2, Issue 2,ISSN 2349-7815,April 2015,
- *Raji Pandurangan* ,Prakash Chandran, Mohit Jaswal,Dr. T.V.U Kiran Kumar, “Autonomous Biped Robot Using Arduino”, International Journal of Science, Engineering and Technology Research, pp:1031 to 1034, Volume 4, Issue 4, ISSN: 2278 – 7798,April 2015,
- *Raji Pandurangan*,PremalathaJ, “Design Architecture of Ozone Food Armor in Microcontroller”, International Journal of Applied Engineering Research (IJAER),pp: 6292-6296,vol 9 issue 22 Nov 2014, <https://www.ripublication.com/Volume/ijaerv9n22spl.htm>
- Raji Pandurangan, Mritunjay Kumar Sinha WPAN Communication Using RSSI for Locomotives Prediction for Transferable Rostrum’, International Journal of Science and Research (IJSR), pp:60 -63Volume 4 Issue 5, ISSN (Online): 2319-7064 ,April 2015
- Raji Pandurangan, K Raghav, J Paul Design And Development Of E-Health Care Monitoring System International Journal of Research (IJR),pp: 977-981,vol. 2 (4), April 2015, <https://edupediapublications.org/journals/index.php/IJR/article/view/1894>
- *Raji Pandurangan* ,T.Suresh1 , “Mutual Authentication Protocol for RFID Security and

Anti-Counterfeiting”, International Journal of Applied Engineering Research (IJAER). pp. 6479-6484. vol.9 issue 22, Nov 2014 , <https://www.ripublication.com/Volume/ijaerv9n22spl.htm>

- *Raji Pandurangan* ,Ms.B.Balasuganya, “Performance evaluation of Dual Tree Wavelet Transform for Video Denoising”, International Journal of Applied Engineering Research (IJAER).pp.6301-6305, vol 9 no.22, Nov 2014 , <https://www.ripublication.com/Volume/ijaerv9n22spl.htm>
- *Raji Pandurangan*, Dr.E. Logashanmugam " Watermarked Wavelet Transforms "International journal of Chemical Sciences (IJCS), pp: 761-768, vol 14-S3,December 2016, <http://www.tsijournals.com/abstract/watermarked-wavelet-transforms-12849.html>

Recent professional development activities

International Conference

- *Raji Pandurangan* , “Data Gathering Mechanism For Long Distance Wireless Sensor Networks Using Mobile Robot” International Conf . On Engineering Technology And Science 2014, February 10th & 11th 2014, TN
- *Raji Pandurangan*, “Long Distance Wireless Sensor Networks Using Mobile Robot CILAB”, International Conf . On Engineering Technology And Science 2014, 2014, February 10th & 11th 2014, Tamil Nadu
- *Raji Pandurangan*,” Compound Mapping Lossless Visible Watermarking”, International Conference In Magna On Emerging Engineering Trends, Chennai , APRIL 11th ,12th 2011
- *Raji Pandurangan*, Dr.E. Logashanmugam, “Hardware Implementation Of Visible Watermarking”, International Conference On Computation Of Power,Energy,Information And Communication, APRIL 22nd and 23rd ,2015 ,Published in IEEE digital library, DOI: 10.1109/ICCPEIC.2015.7259489, https://www.researchgate.net/publication/303880523_Hardware_implementation_of_visible_watermarking
- *Raji Pandurangan*, Dr.E. Logashanmugam, “Wavelet Transform Watermarking”, International Conference On VLSI Embedded Systems, Signal Processing and Communication Technologies, may 4th,5th 2016
- *Raji Pandurangan*, “Color Image Visible Watermarking”, IEEE International Conference On Telecommunication, Power Analysis And Computing Techniques(ICTPACT -2017), April 6th to 8th 2017

National Conferences

- *Raji Pandurangan* “A Novel Method For Visible Water Marking”, National Conference On Modern Trends In Computers , Electronics, Civil &Power Engineering received best paper award, Nov 9th 2013, Andhra Pradesh
- *Raji Pandurangan* “Types Of Watermarking In Digital Imaging”, National Conference On Communication & Informatics(NCCI 2012), April 4th ,2012

Conferences/Seminars/Workshops Attended

- Faculty Development Programme on 14.10.2011 at Bharath University, chennai
- One day work shop “How To Write A Research Paper For A Journal”, 21st November 2014,VIT , chennai
- One day work shop “Hands On Training on VLSI System Design (RTL-GDSII) using CADENCE” 22nd september 2014, Anna University , Madras Institute of Technology
- One day work shop “Image Processing Using SCILAB” september 13th 2014 IEEE Communication society IEEE Madras Section
- National Level Workshop On “Low Power Digital VLSI Design” October 18th 2013, VIT Chennai
- A Two Week Training Program On “Development Of Embedded System Laboratory” FEB 19th -2nd march 2007, JNTU , Anathapur, Andhra Pradesh
- One day work shop “Matlab & Simulink” November 27-28th 2014, Bharath University, Chennai
- One day work shop “Physical Design of Analog and Digital Circuits Using Cadence Design Suite” February 12th & 13th 2015, SRM University, Kattankulathur, Kancheepuram Dt.
- One Day Workshop On “Graphical System Design” March 5th 2015,Bharath University, selaiyur, chennai
- Faculty Development Program On ‘German –Made So Easy’, December 2013(2nd to 5th) BIHER, selaiyur
- One Day Workshop On “Graphical System Design”,march 5th 2015,Bharath University, selaiyur, chennai
- One Day Workshop On “Network Simulator –NS2”, 28th December 2016 Bharath University, chennai
- One Day pre conference Workshop On “Energy audit –case studies and best practices” 27th April 2017,MNM Jain Engineering college, Chennai
- Received certificate of appreciation for coordinating IEEE Conference ICTPACT April 2017

- Received certificate of appreciation for coordinating IEEE Conference ICAMMAET February 2017