



Name : B.DEEPA
Designation : Assistant Professor
E-mail –id : cool.deeps.143@gmail.com

Qualification

Course	Name of the institution	University/Board	Year of passing	Marks
Ph.D (Information and Communication technology)	Anna University(Part-time)	Anna University(Part-time)	Pursuing	-
M.E. (Communication Systems)	Bannari Amman Institute of Technology, Sathyamangalam.	Autonomous Institution (Affiliated to Anna university, Coimbatore)	2011	CGPA-9.4
B.E. (Electronics and Communication Engineering)	Bannari Amman Institute of Technology, Sathyamangalam.	Anna university, Chennai	2009	77%
HSC (Maths+Science)	Ashram Higher Secondary School, Karur.	Tamil Nadu state board	2005	94%
SSLC	Rani Meyyammai Matriculation School, Karur.	Matriculation	2002	77.27%

Experience

From	To	Designation	Institution
June 2011	May 2013	Assistant Professor	KPR Institute of Engineering and Technology, Coimbatore
March 2014	May 2015	Assistant Professor	V.S.B Engineering College, Karur.
June 2015	Till now	Assistant Professor	Jayaram College Of Engineering And Technology,Trichy.

Publications

Journals: 3 (International: 3)

- Sumithra, M. G., Thanushkodi, K. and Deepa, B. “A New Hybrid Approach to Enhance Speech in Mobile Communication Systems”, American Journal of Applied Sciences ,Vol.8, Issue 4, pp. 232-242, 2011. (With impact factor SNIP of 0.091 and SJR of 0.042).
- Deepa.B, Sumithra, M. G ,“ A Robust Hybrid Approach for Denoising Medical Images” International Journal of Advances in Computing and Information Technology, Vol 2,pp 905-914,2012.(Print ISBN 978-3-642-31551, DOI 10.1007/9783-3642-315527).
- Deepa B., Sumithra M.G., “MRI Medical Image Denoising by Combined Spectral Subtraction and Wavelet based methods”,ARPN Journal of Engineering and Applied Sciences, Vol 10,no.4, ISSN 1819-6608,March 10,2015.(With impact factor SJR of 0.16).

Conferences

Conferences: 7 (International: 3 National:4)

- Sumithra M.G., Thanushkodi K. and Deepa B., “Lifting Wavelet Packet Based Speech Enhancement”, International Conference on Modeling, Control, Automation and Communication (ICMCAC–2010) Velammal Engineering College, Chennai, pp. 140-

145,2010.

- Sumithra M. G., Thanushkodi K. and Deepa B., “Classification of Voiced and Unvoiced regions in Speech Signals” National conference on Signals Systems and Security , held at Bannari Amman Institute of Technology, pp.Feb. 2010 .(Best Paper) .
- Sumithra M. G., Thanushkodi K. and Deepa B., “Enhancing Speech using Wavelet based Algorithms in Mobile Communication”, National Conference on Advanced TeleCommunication and Technologies (NCATT“11) held at KSR Engineering college,Tiruchengode, pp. ,2011.
- Sumithra M. G., Thanushkodi K. and Deepa B., “ Enhancement of Speech in Mobile Communication Systems by Combined Spectral Subtraction and Wavelet based methods ”, National Conference on Recent Trends in Communication Signal Processing (RTCSP“11) held at Amrita School of Engineering, Coimbatore, pp.239-244,2011.
- Sumithra M.G., Thanushkodi .K. and Deepa B., “A Hybrid approach for Speech Enhancement in Mobile Communication”, National conference on recent technologies in signal processing and communications, held at Anna University,Trichy, pp.41 ,2011.
- Deepa.B, Sumithra, M. G ,“ A Robust Hybrid Approach for Denoising Medical Images” International Conference on Advances in Computing and Information Technology, Park Hotels , Chennai, July 2012.
- Deepa B., Sumithra M.G., “MRI Medical Image Denoising by Combined Spectral Subtraction and Wavelet based methods”,IEEE Sponsored 9th International Conference on Intelligent systems and control(ISCO-2015),held at Karpagam College of Engineering, Coimbatore,2015.

Workshop / FDP Attended

- Two day workshop on “DSP PROCESSOR ARCHITECTURE,PROGRAMMING AND APPLICATIONS” organized by Bannari Amman Institute of Technology, Sathyamangalam during 2009.
- One day workshop on “WIRELESS NETWORKS AND SECURITY APPLICATIONS using QUALNET 4.5” organized by Bannari Amman Institute of Technology, Sathyamangalam during 2009.
- One day workshop on “RECENT TRENDS IN ADVANCED IMAGE PROCESSING FOR MEDICAL APPLICATIONS” organized by Bannari Amman Institute of Technology, Sathyamangalam during 2009.

- One day workshop on “ELECTROMAGNETIC SIMULATION TOOLS” organized by Bannari Amman Institute of Technology, Sathyamangalam during 2010.
- One day workshop on “SIMULATION USING QUALNET” organized by KPR Institute of Engineering and Technology, Coimbatore during 2012.
- Two days workshop on “ADVANCED DIGITAL IMAGE PROCESSING TECHNIQUES using MATLAB” organized by Kongu Institute of Technology, Erode during 2012.
- Two days Seminar on “COMPUTATIONAL INTELLIGENCE IN MEDICINE AND HEALTH CARE”(CIMHC-2012) organized by Bannari Amman Institute of Technology, Sathyamangalam during 2012.
- Two days Seminar on “DIAGNOSIS AND ANALYSIS OF BIOMEDICAL IMAGES USING OPEN SOURCE TOOLS” organized by Kongu Institute of Technology, Erode during 2015.

Technical Symposium/Conference Chaired:

- International Conference on Advances in Computing and Information Technology (ACITY), Park hotels, Chennai,2012.

Workshop / FDP/ Conference Organized

- Three days workshop on “EMERGING COMPUTATIONAL INTELLIGENCE IN MATLAB” in association with solipsys lab pvt ltd, Bangalore. (Sep 2012).
- Two weeks short evening course on Pspice using ORCAD. (15.09.2011 - 28.09.2011).

Books Published : NIL

Research : Pursuing Ph.D.

Externally Funded Project :NIL

Awards and Recognitions

- Best paper award at Bannari Amman Institute of Technology for the paper titled “Classification of Voiced and Unvoiced regions in Speech Signals” National conference on Signals Systems and Security, 2010.

IF any Other:

Industrial Training

- Twenty one days training at Viva Communication Private Limited, Chennai .
- One week training at TNPL (Tamil Nadu Newsprint and Papers Limited), Karur.