BIO-DATA

Name	:	Anita Khanna
Husband's name	:	HemantKhanna
Date of Birth	:	3rd August 1967
Address	:	B-7, Minocha Colony, Mungeli Road, Bilaspur (C.G.)-495001
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Educational Qualification:

1. M.E. (Electronics and Commn.):74% 2010
   Punjab University
   First Division
2. B.E. (Electrical and ElectronicsEngg): 74.63% 1990, NIT Surathkal
   Mangalore University
   First Division

Topic of Dissertation:

"Segmentation of Ultrasound Image"

Teaching Experience:

- Working as an Assistant Professor in Electrical Engineering in Institute Technology from August 2005 to present.
- Worked in the department of Electronics and Communication Engineering, Institute of Technology as

  Adhoc Faculty: August 2001 to August 2005

Publications:

International Journals:

1. Khanna Anita, SoodMeenakshi, Swapna Devi, "US Image Segmentation Based on Expectation Maximization and Gabor Filter", International Journal of Modelling and Optimization (IJMO), 2012 Vol. 2(3): 230-233 ISSN: 2010-3697.
2. Sood Meenakshi, Khanna Anita, PattnaikShyam Sundar,"Performance of controllable Triangular Split Structure Metamaterial: Journal of Electrical and electronics Engineering", Volume 5, Number 1, May 2012.
3. DemanKosale, Anita Khanna, "Modified Variable Step size normalized least square Algorithm in the context of Acoustic Echo Cancellation", IJSCE, Vol-2, Issue-5, Nov. 2012.
4. DemanKosale, Anita Khanna, "Performance, monitoring and analysis of OWC Link at different atmospheric conditions", IJSCE, Vol-2, Issue-5, Nov 2012.

International Conferences

1. Anita Khanna, Manish Shrivastava, "Unsupervised Techniques of Segmentation on Texture Images: A comparison", ICSPCC, Waknaghat, March 15-17, 2012

2. Khanna Anita, Shrivastava Manish, "Unsupervised Segmentation of US Liver images", ICICIS, Pipariya, Oct. 27-28, 2012.

3. Shrivastava Manish, Khanna Anita, "Improvement over existing EVMs", ICINT, Chennai, April 28-29 2012.

4. Anita Khanna, "Efficient Vertical Dual Axis Solar Tracking System", CIICS, American University of Sharjah, Mar 13-15 2016, Sharjah, UAE.

5. Anita Khanna, N. D. Londhe, S. Gupta, "Automatic Lung Segmentation and Airway Detection using Adaptive Morphological Operations, "MISP 2018, IIT Indore, 22-24 Dec 2017, IIT Indore.

6. Anita Khanna, S. Gupta, N. D. Londhe, "Detection of pulmonary vessels in 3D lung CT using improved Graph Cut",5th International Conference on signal Processing and Integrated systems, 22-23 Feb'2018, Amity University Noida.

Other Achievements

1. Was peer reviewer in technicalcommittee of 3rd International Conference on Computer Technology and Development (ICCTD), Nov 25-27,2011 at Chengdu, China.

2. Session chair at CIICS, American University of Sharjah, Mar 13-15 2016, Sharjah, UAE.

Faculty Development Programmes attended:

S.No.	Programme	Duration	Organized by
1.	Programme on Development of smart power grids	18-20 Oct. 2011	Engg. Staff college, Hyderabad
2.	Multimedia Tools & Instructional, Material Development	15- 19 Feb. 2010	NITTTR, Chandigarh
3.	Embedded System	06-10 Feb. 2006	---do---
4.	Digital Signal Processing	17- 21 June. 2006	Institute of Technology, GGV, Bilaspur.
5.	Computer Network	17-21 June. 2006	---do---
6.	Certificate Course In VLSI Design	21-27 Oct. 2002	Bit Mapper Integration Technologies Pvt. Ltd., Pune
7.	National workshop on power Electronics-2014, Under the aegis of NaMPET BIT, Mesra	7-8 Nov 2014	BIT, Mesra
8.	Biosensors and signal processing, TEQIP sponsored STTP	22-23 Dec, 2016	NIT, Raipur

	NIT Raipur		
9.	Medical Signal and Image Processing, NIT Raipur	22-27 Aug 2016	NIT, Raipur
10.	Linear and non-linear signal processing and its application on biomedical signal, Under TEQIP - II NIT, Raipur	9-11 Sept 2016	NIT, Raipur
11.	Deep Learning and Applications, IIT Kanpur	12-16 Jan 2017	IIT, Kanpur
12.	Medical Signal and Image Processing-II, NIT, Raipur	22-27 May 2017	NIT, Raipur
13.	Medical Signal and Image Processing-III, NIT, Raipur	25-30 June 2018	NIT, Raipur