



Anita Mohanty, M.Tech

Name : Anita Mohanty

Designation : Associate Professor

Department : Dept. of Electronics and Instrumentation Engineering
(JOINED THE INSTITUTE IN 2005)

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RESEARCH INTERESTS

- ✓ Instrumentation
- ✓ Vehicular communication
- ✓ Computational intelligent

Academic Qualifications

M.Tech, UCE Burla, Sambalpur University, India.

Ph. D. (Continuing), Utkal University, India

Teaching Experience/Industrial Experience/Research Experience

[1] Lecturer in the Department of Electronics & Telecommunication Engineering in KIIT, Bhubaneswar from 11th Dec 2001 to 4th July 2003.

[2] Lecturer in the Department of Electronics & Telecommunication Engineering in DRIEMS, Tangi, Cuttack from 11th October 2003 to 15th December 2005.

[3] Senior Assistant Professor in the Department of Electronics & Instrumentation Engineering in SIT, Bhubaneswar since 19th December 2005.

PUBLICATIONS

JOURNAL & CONFERENCES

[1] Urmila Bhanja*, **Anita Mohanty** and Bhagyashree Das," Embedded based real time traffic congestion detection, *Int. J. Vehicle Information and Communication Systems*, Vol. 3, No. 4, (2018) 267-280.

- [2] **Anita Mohanty**, Urmila Bhanja, Sudipta Mahapatra, "Intelligent Traffic Quantification System", in Proc. International Conference on Advanced Material Technologies (ICAMT)-2016, Visakhapatnam(India) during 27th & 28th December 2016
- [3] S. S. Kar, **A. Mohanty**, S. K. Mohanty," Analysis of Multiplexing Techniques using LABVIEW", International Journal of Engineering Research (IJER), vol. 4, Special Issue 1,pp. 36-38, Jan. 2015, ISSN (Print) 2347-5013.
- [4] **A. Mohanty**, S. S. Kar, B. Jena and M. Dehury, "Synthesis and Analysis of Analog Communication Techniques using LABVIEW ," *International Journal of Electrical, Electronics and Computer Systems (IJECS)* , vol. 2, no. 11-12, pp. 14-18, Dec. 2014. ISSN (Print) 2347-2820
- [5] B. Jena, M. Dehury, **A. Mohanty** and S. S. Kar, "ALU Design and Its Performance Analysis in LABVIEW," *ITSI Transactions on Electrical and Electronics Engineering(ITSI-TEEE)*, vol. 2, no. 5, pp. 8-12, Nov. 2014. ISSN (Print) 2320-8945
- [6] **A. Mohanty**, S. K. Mohanty "Wavelet Based Approach for Sensor Validation", International Journal on Advanced Electrical and Electronics Engineering (IJAEEE), Vol.1, No.1, pp 26-32, August 2012.

ANY OTHER

CONFERENCES/WORKSHOP/SEMINAR/STTP ATTENDED

- [1]Workshop on Women in Smart Computing held at KIIT University, Bhubaneswar, Odisha on 9th Dec 2017.
- [2]Workshop on Recent Trends in Mobile Communication (RTMC-2017) held at Silicon Institute of Technology, Bhubaneswar, Odisha on 18th Mar 2017.
- [3]International Conférence on Advanced Material Technologies (ICAMT-2016) organized by Dadi Institute of Engineering and Technology, Vishakhapatnam, AP from 27th -28th Dec 2016.
- [4]Workshop on Industrial Automation and Control organized by Department of AEI held at Silicon Institute of Technology, Bhubaneswar, Odisha from 18th -19th Mar 2016.
- [5]Workshop on Scientific Document Preparation using LATEX (SDPL-2015) organized by Department of CSE, IT and MCA held at Silicon Institute of Technology, Bhubaneswar, Odisha from 28th -29th Dec 2015.
- [6] ISTE STTP on Technical Communication conducted by IIT, Bombay held at Silicon Institute of Technology, Bhubaneswar, Odisha from 8th Oct to 5th Dec 2015.
- [7]Workshop on Signal and Image Processing (NWSIP-2015) held at Silicon Institute of Technology, Bhubaneswar, Odisha on 9th -10th Oct 2015.
- [8]Workshop on Recent Trends and Developments in Biomedical Instrumentation for Rehabilitation (RTDBIR-2015) organized by Department of Applied Electronics and Instrumentation Engineering held at Silicon Institute of Technology, Bhubaneswar, Odisha on 14th Mar 2015.

- [9] Srinivasa Ramanujan Mathematical Competitions 2014-15 organized by ISTE, New Delhi at Silicon Institute of Technology, Bhubaneswar.
- [10] Short Term Course on Microwave, Photonics, Devices and Wireless Communications (MPDWC-2014) organized by School of Electrical Sciences, IIT, Bhubaneswar from 5th -7th Dec 2014.
- [11] National Seminar on Signal and Image Processing (NSSIP-2014) held at Silicon Institute of Technology, Bhubaneswar, Odisha on 20th Dec 2014.
- [12] MHRD Sponsored Faculty Development Program on "Signal System" held at Silicon Institute of Technology, Bhubaneswar, Odisha from 2nd to 12th Jan 2014.
- [13] AICTE Sponsored Faculty Development Programme on "A Graphical Programming Language LabVIEW and its Real Time Application in Engineering" held at Trident Academy of Technology, Bhubaneswar, Odisha from 16th to 30th Dec 2013.
- [14] Workshop on Virtual Instrumentation using LabVIEW (VIL-2013) held at Silicon Institute of Technology, Bhubaneswar, Odisha from 14th to 16th Dec 2013.
- [15] Workshop on Bio-Inspired Techniques: Theory & Application including MATLAB Simulation (NWBIT-2013) held at College of Engineering Bhubaneswar, Odisha from 29th to 30th Nov 2013.
- [16] AICTE sponsored National Workshop on VLSI Signal Processing: Efficient Design & Implementation (VLSISP-2013) held at Silicon Institute of Technology, Bhubaneswar from 14th to 16th Nov 2013.
- [17] AICTE sponsored National Seminar on Nanosensors and Applications held at Trident Academy of Technology, Bhubaneswar from 4th to 5th Oct 2013.
- [18] Workshop on Foundations and Advances In Computational Intelligence held at Orissa Engineering College, Bhubaneswar in collaboration with IEEE Computational Intelligence Society, Calcutta Chapter on 12th Oct 2012.
- [19] National Workshop on Industrial Instrumentation and Control (NWIIC-2012) held at Silicon Institute of Technology, Bhubaneswar from 23rd- 24th March 2012.
- [20] Workshop on Next Generation Wireless Communication and Networking (WNWCN-2012) held at Silicon Institute of Technology, Bhubaneswar from 24th – 25th February 2012.
- [21] Workshop on Image & Signal Processing (WISP-2011) held at Silicon Institute of Technology, Bhubaneswar from 29th -30th January 2011.
- [22] 13th State Level Annual Convention of ISTE and National seminar on "Technical Education: Current Status & Future Prospects (TECSAP-2011)" held at NM Institute of Engineering & Technology, Bhubaneswar on 15th January 2011.
- [23] National Conference on "Next Generation Communication and Computing (NGCC-2010)" held at NM Institute of Engineering & Technology, Bhubaneswar from 23rd- 24th December 2010.
- [24] 12th State Level Annual Convention of ISTE and National seminar on "Recent Trends in Contemporary Communications" held at Silicon Institute of Technology, Bhubaneswar from 3 - 4th March 2010.

[25] Workshop on Advanced Signal Processing and Communication (WASPC-2010) held at Silicon Institute of Technology, Bhubaneswar from 8-10th January 2010.

[26] Workshop on Advanced Signal and Image Processing (WASIP-2008) held at Silicon Institute of Technology, Bhubaneswar from 11-13th December 2008.

[27] A.I.C.T.E.-I.S.T.E. sponsored short term training program on "Optical control of Microwave Devices and Circuits" held at Seemanta Engineering College in collaboration with Integrated Test Range, Chandipur from 29th March 2004 to 3rd April 2004.

[28] Participated in the A.I.C.T.E./I.S.T.E.-STP sponsored Short Term training program on "Communication, Signal Processing & Information Technology (CSPIT)" conducted at UCE, Burla from 23rd December 2002 to 3rd January 2003.

BOOK

[1] Published text book titled "Industrial Instrumentation" for B.Tech. Students

ACHIEVEMENTS

Qualified GATE-2014 with 95.4 Percentile

MEMBER OF PROFESSIONAL BODIES

[1] Life member ISTE (LM-80406)