B.Nagasirisha

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ACADEMIC QUALIFICATIONS:

M.Tech in Digital Systems and Computer Electronics

Bachelor of Engineering in Electronics and Communication Engineering

ACADEMIC REWARDS / ACHIEVEMENTS: NIL

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Assistant Professor	Gudlavalleru Engineering college	11/06/2014 to till date
Assistant Professor	Nalgonda Institute of Technology &Science	10/1/2012 to 1/05/2014
Assistant Professor	MINA Institute of Technology &Science for women	6/10/2008 to 1/5/2011
Assistant Professor	Nagarguna Institute of Technology &Science	15/12/2005 to 1/10/2008

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
NIL	03	04

SPECIALIZATION: Signal Processing

RESEARCH PAPERS / BOOKS: NIL

BOOKS PUBLISHED IN PUBLICATIONS:

PAPERS PUBLISHED IN JOURNALS: 0 3

➢ Published a paper titled "Performance Analysis of adaptive Filters for Image Restoration" in the International Journal of Advance Engineering and Research Development (IJAERD) Volume 4, Issue 7, July-2017.

➢ Published a paper titled " Reversible Data Hiding Based on Generalized Equalization Model" in the International Journal of Computer Science and Information Technology & Security (IJCSITS), Vol. 6, No. 04, July 2016.

➢ Published a paper titled " An Efficient Additive White Median Filtering for Removal of Salt and Pepper Noise in Image" in the International Journal of Engineering Research & Technology(IJERT) Volume. 3, Issue. 10, ISSN: 2278-0181, October – 2014.

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS:02

➢ Presented a paper titled "Noise Estimation using Kalman Filter in Image Restoration " in the First International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems(CITAES), Nov 30-Dec 1,2018 at Gudlavalleru Engineering College.

➢ Presented a paper titled "Memory Based Realization Of Digital FIR Filters using LUT" in the National conference on Electronics Emerging Trends'12 (NCEET'12) March 2012 JNTUA, Anantapur.

LIST OF WORKSHOPS ORGANIZED: 03

➢ Acted as a Coordinator to a Two day workshop on "Emerging Technology: Internet of Things" on 21st-22nd,September, 2015 in the department.

➢ Acted as a Coordinator for Two day workshop on "Image Processing Applications Using MAT lab" on12th-13th,October, 2015 in the department.

➢ Acted as a Coordinator for Three day workshop on "Overview on Latest Telecom Technologies" by BSNL Krishna SSA, on 11th-13th,January, 2016.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

➢ Two week –ISTE STTP workshop on "CMOS Mixed Signal & Radio frequency VLSI Design " conducted by NMEICT(MHRD), at Gudlavalleru Engineering College on 30th

Jan to 4th Feb,2017 .

- Participated in " Swarm Intelligence Techniques –Applications to Signal Processing "Three days workshop during 5th to 7th Dec,2015 , conducted by Gudlavalleru Engineering College.

- One day workshop on "Ultra Low Power Communication Using CC430 Microcontroller – Hands on Experience", organized by the Department of Electronics and communication Engineering, Gudlavalleru Engineering College, Gudlavalleru on 09th February 2015.

- One day workshop on "Research in Energy Management Wireless Networks & Smart Transportation Systems" organized by The institution of Engineers (India),Vijayawada Local Center, Vijayawada on 29th March 2015.

- One day workshop on "Speech Processing: Current Challenges and Hands-on Experience", organized by Signal Processing and Communication Research Group, Department of Electronics and Communication Engineering, Gudlavalleru Engineering College, Gudlavalleru on 23rd August 2014.`

- Two week -ISTE workshop on "CONTROL SYSTEMS" organized by NMEICT, IIT kharaghpur in Gudlavalleru Engineering College, Gudlavalleru on 2nd to 12th Dec,2014.

- Two week -ISTE workshop on "SIGNALS & SYSTEMS" organized by NMEICT, IIT kharaghpur in Naagole Institute of technology and Science, Hyderabad on 2nd to 12th Jan,2014 .

- Two day Workshop on "DIGITAL SIGNAL PROCESSING USING OMAP –L138 BOARD'" workshop organized by TI instruments collaboration with JNTUH, Hyderabad June 24&25,2013.

- Participated in One and half week Faculty Development Programme on "Digital Image Processing " during July to October,2018 ,conducted by NPTEL-AICTE.

- Participated in One week Faculty Development Programme on "Communications and Signal Processing" during 29th Oct to 3rd Nov, 2018, conducted by Gudlavalleru Engineering College.

- Participated in One week National level Faculty Development Programme on " Signal and Image Processing using LabVIEW" during 13th to 18th November,2017 ,conducted by Gudlavalleru Engineering College.

- Participated in Two day Faculty Training Programme on " Advances in VLSI Design and Embedded Systems" during 6th to 7th November,2017 ,conducted by Gudlavalleru Engineering College.

- Participated in One week Faculty Development Programme on "Signal Analysis and Transform Techniques " during 10th to 15th June,2017 ,organized by the E&ICT Academy, NITwarangal at Vignan's Lara Institute of Technology and

Science,Vadlamudi.

- Participated in Three day Staff Training Programme on "Matlab Tools for Engineers-Hands on Experience" during 10th & 11th January,2017 ,conducted by Gudlavalleru Engineering College.

- Participated in One week Faculty Development Programme on " Hands on Experience in Signal Processing Applications " during 7nd to 12th November,2016 ,conducted by Gudlavalleru Engineering College.

- Two day staff training program on " Simulation of Linear & Digital Integrated Circuits and Microcontroller based Applications" using NI Multisim organized by Department of Electronics and Communication Engineering, Gudlavalleru Engineering College, Gudlavalleru on 4-6 November 2016.

- Participated in Two week Audit course on " Research Methodologies" during 1st to 15th May,2016 , conducted by JNTUK, Kakinada.

- Participated in Two week Audit course on "Intellectual Property Rights and Patents" during 16th to 30th May,2016 ,conducted by JNTUK, Kakinada.

- Participated in one week Faculty Development Program on " Hands on training on MATLAB for Digital Signal Processing" during 22nd to 27th May,2016 ,conducted by Vidya Jyothi Institute of Technology.

- One week Faculty Development Programme on "Development of Wireless Sensor Networks Using Network Simulator (NS2) – Hands on Experience" organized by   the Department of Electronics and communication Engineering, Gudlavalleru Engineering College, Gudlavalleru form 1st to 5th Dec 2015.

- One Week refresh Course on "Microprocessors &Microcontrollers" organized by the Department of Electronics and communication Engineering, Gudlavalleru Engineering College, Gudlavalleru during 17-21 November   2015

CERTIFICATIONS:

S.No	Subject	Month & Year	Grade
s1	Bio Medical Signal Processing	Jan-April & 2019	Elite + Silver
2	Digital Image Processing	July-Oct & 2018	Elite
3	Semiconductor Devices &Circuits	July-Oct & 2018	Successfully Completed
4	Basic Electronics	Jan-April & 2018	Elite

GUEST LECTURES DELIVERED:

MEMBERSHIP IN PROFESSIONAL BODIES: AMIE

CONSULTANCY ACTIVITIES: Internal R&D

GRANTS FETCHED: 33,000