

FACULTY PROFILE

B.NAGASIRISHA

Department: Electronics and Communication Engineering.

College: Gudlavalleru Engineering College.

Phone No: 08674-273737/273888 (O).

Mobile: +91-9866865691

E-Mail: nagasirishab@gmail.com



Address for Communication

c/o K. Rammohan rao, w/o M. Murali Krishna,

H.No:7-21/1,Station road,

Gudlavalleru-521356.

Krishna (dist).

Academic Qualifications

S. No	Name of the Degree(Starting from PhD to 10th Class)	University	Percentage of Marks/Grade	Specialization	Year of Pass
1	PhD	JNTU Kakinada	-	Signal Processing	Pursuing
2	M. Tech	JNTU Ananthapuram	76	Digital systems and computer Electronics	2012
3	B. Tech	JNTU Hyderabad	65	Electronics and Communication Engineering	2005
4	Diploma	S.B.T.E.T. Hyderabad	70	Electronics and Communication Engineering	2001
5	S.S.C	B.S.E Hyderabad	72	---	1998

Professional Experience

S. No	Designation	Institution Name	Working Period	
			From	To
1.	Asst.Professor	Gudlavalleru Engineering college	11/06/2014	to till date
2.	Asst.Professor	Nalgonda Institute of Technology & Science	10/1/2012	1/05/2014
3.	Asst.Professor	MINA Institute of Technology & Science for women	6/10/2008	1/5/2011
4.	Asst.Professor	Nagarguna Institute of Technology & Science	15/12/2005	1/10/2008

Books Published No. : 04

1. Co-author for chapter 2.1 titled “Analog Circuits Laboratory ” of Electronics and Communication Engineering laboratory Manual series 2 with ISBN – 978-1-4276-5564-6 in the year 2016.
2. Co-author for chapter 2.1 titled “Electronic Circuit Analysis Laboratory ” of Electronics and Communication Engineering laboratory manual series with ISBN – 978-1-4276-5563-9 in the year 2016.
3. Co-author for chapter 23 titled “Biomedical Engineering ” of Electronics and Communication Engineering Instructional manual with ISBN – 978-1-4276-5539-4 in the year 2015.
4. Co-author for chapter 1 titled “Electronic Devices and Circuits Laboratory ” of Electronics and Communication Engineering laboratory Manual with ISBN – 978-1-4276-5536-3 in the year 2015.

Papers Published in Journals No. :04

1. Published a paper titled “Noise Estimation using Kalman Filter in Image Restoration” in the International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S2, August 2019.

2. Rubeena, B.Nagasirisha,” Performance Analysis of adaptive Filters for Image Restoration” International Journal of Advance Engineering and Research Development (IAERD) Volume 4, Issue 7, July-2017.
3. B. Teja Bhaskar , B.Nagasirisha, “ Reversible Data Hiding Based on Generalized Equalization Model “ IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), Vol. 6, No. 04, July 2016.
4. R. Priyanka, B. Nagasirisha, An Efficient Additive White Median Filtering for Removal of Salt and Pepper Noise in Image, International Journal of Engineering Research & Technology(IJERT) Volume. 3, Issue. 10, ISSN: 2278-0181, October – 2014.

Papers Published in Conferences No. :02

1. B.Nagasirisha, V.V.K.D.V.Prasad “Noise Estimation using Kalman Filter in Image Restoration” First International conference on Computational and Intelligent Techniques for Automation of Engineering Systems(CITAES), Nov 30-Dec 1,2018.
2. B. Nagasirsha, D.Lalitha kumara “Memory Based Realization Of Digital FIR Filters using LUT” National conference on Electronics Emerging Trends’12 (NCEET’12) March 2012 JNTU, Anantapur.

Certifications/Training Programs Attended No: 15

1. Participated in AICETE sponsored Two week FDP on “Bio-Medial Signal Processing and Applications” during 1st to 14th November,2019, conducted by Sir C R Reddy college of Engineering, Eluru.
2. Participated in Three day Training Programme on “Programming Xilinx Zynq SoCs with MATLAB and Simulink, SDR with Zynq using Simulink” during 26th -28th February,2019 ,conducted by Math works training services .
3. Participated in One and half week Faculty Development Programme on “Digital Image Processing ” during July to October,2018 ,conducted by NPTEL-AICTE.
4. Participated in One week Faculty Development Programme on “Communications and Signal Processing” during 29th Oct to 3rd Nov, 2018, conducted by Gudlavalleru Engineering College.
5. 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.

6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. Participated in Two week Audit course on “ Research Methodologies” during 1st to 15th May,2016 , conducted by JNTUK, Kakinada.
12. Participated in Two week Audit course on “Intellectual Property Rights and Patents” during 16th to 30th May,2016 ,conducted by JNTUK, Kakinada.
13. 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.
14. Participated in 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.
15. Participated in 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

Workshops /Seminars Attended No. : 08

1. 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 .
2. Participated in “ Swarm Intelligence Techniques –Applications to Signal Processing ”Three days workshop during 5th to 7th Dec,2015 , conducted by Gudlavalleru Engineering College.
3. 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.
4. 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.
5. 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.`
6. Two week -ISTE workshop on “CONTROL SYSTEMS” organized by NMEICT, IIT kharagpur in Gudlavalleru Engineering College, Gudlavalleru on 2nd to 12th Dec,2014.
7. Two week -ISTE workshop on “SIGNALS & SYSTEMS” organized by NMEICT, IIT kharagpur in Naagole Institute of technology and Science, Hyderabad on 2nd to 12th Jan,2014 .
8. Two day Workshop on “DIGITAL SIGNAL PROCESSING USING OMAP –L138 BOARD”” workshop organized by TI instruments collaboration with JNTUH, Hyderabad June 24&25,2013.

Online Certifications/Training Programs Attended No: 23

1. Participated in "Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accrediation" organized by Sinhgad Institute of Technology and Science, Narhe, Pune on 11th May 2020.
2. Completed "Matlab Masters" course conducted by DataTeach Labs from 8th to 19th June

2020.

3. Participated in one week Online Faculty Development Program on "ICT TOOLS" in association with STP-IIT Bombay organized by Department of Information Technology, Sree Vidhyanikethan Engineering College from 11th to 16th May 2020.
4. Participated in five day National Level Online Faculty Development Program on "Trends in Electronics and Communication Engineering" organized by Department of ECE, Sri Vasavi Engineering College, Tadepalligudem from 22nd to 26th June 2020.
5. Participated in one week Online Faculty Development Program on "Research Challenges and Opportunities Post COVID-19 (RECOP 2020)" organized by Research Development Cell and Institution's Innovation Council, Sri Vasavi Engineering College, Tadepalligudem from 4th to 9th May 2020.
6. Participated in one week Online Faculty Development Program on "Artificial Intelligence and its Applications" organized by Department of Computer Science and Engineering, Ramachandra College of Engineering, from 25th to 30th May 2020.
7. Participated in one week Online Faculty Development Program on "Artificial Intelligence" organized by Department of Computer Science and Engineering, Santhiram Engineering College, from 13th to 18th May 2020.
8. Participated in five day National Level Online Faculty Development Program on "Modern Research Trends in Communication, Signal Processing and VLSI/MEMS" organized by Department of ECE, Andhra Layola Institute of Engineering and Technology from 19th to 23rd May 2020.
9. Participated in three day National Level Online Faculty Development Program on "Research Trends in Signal Processing, Antenna, VLSI and IoT" organized by Department of ECE, Sri Vasavi Engineering College, Tadepalligudem from 28th to 30th May 2020.
10. Participated in two day Online Faculty Development Program on "MATLAB and Simulink in Engineering Education" organized by APSSDC from 10th to 11th June 2020.
11. Participated in one week international online Knowledge development program on "Challenges And Advancements In The Design Of IOT, VLSI and Embedded Systems: A Researcher View", organised by Department of Electronics and Communication Engineering of Gudlavalleru Engineering College during 8th to 13th June 2020.
12. Attended a webinar on "How to write an Effective Paper" organized by Matterhere on 10th

May 2020.

13. Attended a webinar on "**How to write each section of your paper**" organized by Matterhere on 17th May 2020.
14. Attended a online webinar on "**Introduction and Functioning of IOS and MacOS**" organized by Sri Venkatesa Perumal College of Engineering and Technology on 22nd May 2020.
15. Attended a online webinar on "**Global Trends in Biomedical Teaching and Research**" organized by Chennai Institute of Technology on 5th June 2020.
16. Attended a online webinar on "**Speech Signal Processing**" organized by Lakireddy Bali Reddy College of Engineering on 17th May 2020.
17. Attended a online webinar on "**Virtual Classroom Management using Microsoft Teams**" organized by Lakireddy Bali Reddy College of Engineering on 11th May 2020.
18. Attended a webinar on "**Impact of Covid in Engineering Education and Way Forward**", organised by ISTE chapter, Gudlavalleru Engineering College on 9th June 2020.
19. Attended a webinar on "**Radio frequency Measurements for cellular and wireless Communication Systems**", organised by Department of Electronics and Communication Engineering, Gudlavalleru Engineering College on 25th May 2020.
20. Participated and secured merit score in TechQui- A National Level Technical E Quiz series Season-1 organized by Department of ECE, Sri Venkatesa Perumal College of Engineering and Technology from 20th to 25th May 2020.
21. Participated and secured merit score in eNRich Technical E Quiz series organized by Department of ECE, NRI Institute of Technology on 7th to 11th June 2020.
22. Attended a two day workshop on "**VLSI Circuits- Analog and Digital Design Perspectives**" conducted by Department of ECE, JNTU Anantapuramu from 16th to 17th May 2020.
23. Attended a twenty day workshop on "**Machine Learning and Predictive Analysis with MATLAB**" organized by SkilltoHire from 2nd to 20th June 2020.

CERTIFICATIONS:

S.No	Subject	Month & Year	Grade
1	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

Workshops Organized No --- 03

1. Coordinator for Two day workshop on “Emerging Technology: Internet of Things” in Gudlavalleru Engineering College, Gudlavalleru, A.P., 21st-22nd, September, 2015.
2. Coordinator for Two day workshop on “Image Processing Applications Using MATLAB” in Gudlavalleru Engineering College, Gudlavalleru, A.P., 12th-13th, October, 2015.
3. Coordinator for Three day workshop on “Overview on Latest Telecom Technologies” by BSNL Krishna SSA, in Gudlavalleru Engineering College, Gudlavalleru, A.P., 11th-13th, January, 2016.

Guest Lectures Delivered No. : NIL

Projects Guided :

Post Graduation	Under Graduation
03	11

Professional Body Membership -- Member of IE (MIE) No – M-153187-5

R&D and Consultancy

S. No	Project Title	Source of Funding	Duration	Role	Status
1.	Modeling of ECG information processing system	Internal R&D project	1year	Coinvestigator	On going

Declaration

I hereby declare that all the above-furnished information is correct to the best of my knowledge.

Date:

Signature

Place: Gudlavalleru

(B. Nagasirisha)