



Dr.B.Nagasirisha

Department: Electronics and Communication Engineering.

College: Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.

Mobile: +91-9866865691.

E-Mail: nagasirishab@gmail.com

RESIDENTIAL ADDRESS:

Dr. B.Nagasirisha, w/o M. Murali Krishna,
H.No:8/336-4,
Beside KKR Gowtham School, Bypass road,
Gudivada 521301, Krishna (dist).

ACADEMIC QUALIFICATIONS:

S. No	Name of the Degree	University	Specialization	Year of Pass
1	PhD	JNTU Kakinada	Signal Processing	2024
2	M. Tech	JNTU Ananthapuram	Digital Systems and Computer Electronics	2012
3	B. Tech	JNTU Hyderabad	Electronics and Communication Engineering	2005
4	Diploma	S.B.T.E.T. Hyderabad	Electronics and Communication Engineering	2001
5	S.S.C	B.S.E Hyderabad	---	1998

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Assistant Professor	Gudlavalleru Engineering college,Gudlavalleru.	11/06/2014 to till date
Assistant Professor	Nalgonda Institute of Technology &Science,Nalgonda.	10/1/2012 to 28/04/2014
Assistant Professor	MINA Institute of Technology &Science for women,Miryalaguda.	6/11/2008 to 5/5/2011
Assistant Professor	Nagarguna Institute of Technology &Science, Miryalaguda.	16/12/2005 to 6/11/2008

Research Specialization : Signal Processing

Ph.D Thesis Title : Titled as “ Estimation of Signals using Adaptive Filters in Noisy Environments” from JNTUK, Kakinada under the Supervision of Dr.V.V.K.D.V. Prasad, Convenor IQAC, SRGEC, Gudlavalleru.

Patents Granted (on PhD Work) : 01

1. A patent with Patent no.507417 and Application no. 202141016282 was granted to Bhattiprolu Nagasirisha and Dr.V.V.K.D.V.Prasad for an invention entitled “A System for Reducing Noise from an Electromyogram (EMG) Signal and A Method Thereof ”, on 09 February, 2024 for a term of 20 years.

Patents Published: 02

1. Title of Invention: IoT based CT and MRI Image Fusion Method for Enhanced Brain Disease Diagnosis: Patent No.202441061667 Journal No. 34/2024 Dated:23/08/2024 Page no. 74672.
2. Title of Invention: Bandwidth Expansion System for Communication Medium and Method Thereof: Patent No.202241051258 Journal No. 37/2022 Dated:2022/9/16 Page no. 58396.

Design Patents Submitted: 03

1. Title of Invention: Novelty in the shape&configuration of the **Heat Sink**: Dated:24/01/2025.
2. Title of Invention: Novelty in the shape&configuration of the **Portable Satellite Position**: Dated:21/01/2025.
3. Title of Invention:Novelty in the shape&configuration of the **Wheel Chair**: Dated:15/01/2025.

PAPERS PUBLISHED IN JOURNALS: 19

(SCIE - 01, ESCI - 01, Scopus published - 07, Scopus Accepted - 03, SCI & Scopus under review-05)

1. B.Nagasirisha, V.V.K.D.V.Prasd. “Noise Removal from EMG Signal Using Adaptive Enhanced Squirrel Search Algorithm”. Fluctuation and Noise Letters. Publisher: ISSN / eISSN:0219-4775 / 1793-6780, Vol.19, Issue No.04, page No: 2050039-1 to 2050039-26

Dec 2020, **(SCIE, Scopus)**.

2. B.Nagasirisha, V.V.K.D.V.Prasd. “EMG Signal De-Noising using Adaptive Filters through Hybrid Optimization Algorithms”. Biomedical engineering-applications basis communications, ISSN / eISSN:1016-2372 / 1793-7132, Vol.33, Issue No.02, , page No:215009-1 to 215009-17, Jan 2021, **(ESCI, Scopus)**
3. B.Nagasirisha, V.V.K.D.V.Prasd. “Noise Estimation using Kalman Filter in Image Restoration”. International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8, Issue-6S2 , page No:888-891, Aug 2019. **(Scopus)**.
4. Dr. M.V. Srikanth , S. Kethavath, S. Yerram, S. Kalli, Nagasirisha.B, and J. Brahmaiah Naik, “Brain Tumor Detection through Image Fusion Using Cross Guided Filter and Convolutional Neural Network”, ECTI-CIT Transactions, vol. 18, no. 4, pp. 579–590, Oct. 2024. **(Free Scopus)**
5. M.V. Srikanth, A. Suneel Kumar, B. Nagasirisha, T. Venkatalakshmi, “Brain MRI and CT Image Fusion Using Multiscale Local Extrema and Image Statistics”, ECTI Transactions on Electrical Engineering, Electronics, and Communications, Vol.22, No.1 February 2024. **(Free Scopus)**
6. A. Suneel Kumar, M.V. Srikanth, B. Nagasirisha, R.Bhargavi, “A Tri-Band and Affordable Micro Strip Patch Antenna For Wireless Communications”, Telecommunications and Radio Engineering, Volume 83, Issue 9, 2024, pp. 29-41 **(Free Scopus)**
7. A. Suneel Kumar, M.V. Srikanth, B. Nagasirisha, T. Venkatalakshmi, “Design and Evolution of High Gain, Ultra Wide Band Antenna for 5G Applications”, International Journal Of Microwave & Optical Technology, Sep 2023, Vol. 18 Issue 5, P490-497.**(Scopus)**
8. Dr.Nagasirisha B, Dr. M. Venkatesh , E.Ramakrishna Reddy, Dr.Srikanth M.V, Dr.A Suneel Kumar, Dr.V.V.K.D.V.Prasad, “A Novel Approach of Brain Tumor Detection through Image Fusion Using Whale Optimization and Edge Preserving Filter”, Majlesi Journal of Electrical Engineering. **(Accepted) (Free Scopus)**
9. Dr.Nagasirisha B, V.Prasanth,Dr.V.Sailaja, P.Saravana Kumar, Dr.Srikanth M.V, Dr.V.V.K.D.V.Prasad, “ Reconstruction of EMG Signals From Noisy Environment Using Sine Adapted Whale Optimization Algorithm”, ECTI Transactions on Electrical Engineering, Electronics, and Communications (ECTI-EEC). **(Accepted) (Free Scopus)**
10. Dr.M.V.Srikanth, Sivalal Kethavath, B Keerthi Samhitha, Dr.Y.V.Bhaskara Lakshmi, Dr.Nagasirisha.B, Dr.A.Suneel Kumar, “Brain Tumor Detection through Image Fusion Using Cross Bilateral Filter and Convolutional Neural Networks”, ECTI Transactions on Electrical Engineering, Electronics, and Communications, Vol.23, No.1 February 2025.

(Accepted) (Free Scopus)

11. Dr.V.V.K.D.V.Prasad, B.Nagasirisha, Y.Janitha Joycy, R.Venkatesh Naik, B.Lalith Adithya, “ Feature Extraction and Classification of Different Hand Movements from the EMG Signal using Linear Discriminant Analysis Classifier ”, i-manager’s Journal on Electronics Engineering, ISSN:2229-7286, 1/3/2024,Vol 14,Issue 2, p 19.
DOI:10.266634/jeie.14.2.20585. **(Free Journal)**
12. Srikanth M, Nagasirisha, B,Kumar A Suneel, T Venkata “Magnetic Resonance and Computer Tomography Image Fusion Using Novel Weight Maps Obtained by Using Median and Guided Filters” i-Manager’s Journal on Image Processing, vol. 11, Issue. 2, p. 17–26, 2024. DOI 10.26634/jip.11.2.20715. **(Free Journal)**
13. Srikanth M, V; Kumar, A Suneel; Nagasirisha, B; Lakshmi, T Venkata “Medical Image Fusion using Multi Scale Guided Filtering”. i-manager's Journal on Pattern Recognition; Nagercoil Vol. 11, Iss. 1, (Jun 2024): 13-23. DOI:10.26634/jpr.11.1.20735 **(Free Journal)**
14. A. Suneel Kumar; B., Nagasirisha; M. V., Srikanth “A Method of Image Fusion using Texture Guidance Based Guided Image Filter And Image Statistics.”. i-Manager's Journal on Electronics Engineering; Jun2024, Vol. 14 Issue 3, p19-30, 12p, ISSN : 2229-7286, Jun2024 **(Free Journal)**
15. Dr.V.V.K.D.V.Prasad, B.Nagasirisha,K. Baby Amulya “ECG signal de-noising using digital filter techniques” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 10 Issue: 04 | April, 2023.
16. Nagasirisha, Ch. Nirmala, K. Vanitha, M. Ananya, D. Krishna Vamsi. “ Feature Extraction of Neuro Muscular EMG Signal” The International Journal of Analytical and Experimental Modal Analysis, Vol. XIV, Issue IV, April 2022,ISSN No: 0866-9367.Pg No :1303- 1320
17. Rubeena, B.Nagasirisha,” Performance Analysis of adaptive Filters for Image Restoration” International Journal of Advance Engineering and Research Development, Volume 4, Issue 7, July-2017.
18. 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.
19. 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.
20. Dr. Nagasirisha B, Dr. Srikanth M V, Mr. Saravana Kumar P, Mr. Prasanth V, Dr. Sailaja Vemuri, Dr. Suneel Asileti, “Multilevel Thresholding for Image Segmentation using

Improved Similarity Removal Grey Wolf optimizer” Int. J. of Bio-Inspired Computation
(SCI) (Under Review)

21. G.Anjaneyulu, Pavan sudarshi, Dr.B.Nagasirisha,“ Design of a Robust “CNTFET-Based 10T SRAM Cell for Efficient IoT and Biomedical Applications” Physica Scripta, IOP SCIENCE. (Under Review)
22. Dr.Nagasirisha B, Dr. Srikanth M V , Dr. M. Venkatesh, Dr. Suneel Asileti, Dr.V.V.K.D.V.Prasad Brain Tumor Detection through Image Fusion Using Cross Guided Filter and Convolutional Neural Network ECTI Transactions on Electrical Engineering, Electronics, and Communications (Free Scopus) (Under Review)
23. Dr. Nagasirisha B, Dr. Srikanth M V, Mr. Saravana Kumar P, Mr. Prasanth V, Dr. Sailaja Vemuri, Dr. Suneel Asileti , “A Novel Image Decomposition Employing Gaussian Curvature-based Edge Preserving Filter for Brain Tumor Detection through Image Fusion” Iraqi Journal of Science (Free Scopus) (Under Review)
24. B. Nagasirisha , M.V. Srikanth, A. Suneel Kumar, T. Venkatalakshmi , Multiscale Weighted Mean Curvature Filter and Interval Type-2 Fuzzy Based Brain Image Fusion’, International Journal of Modern Education and Computer Science (IJMECS) (Free Scopus) (Under Review)

Research IDs

Research Ids: Papers available at the following ids	
Google Scholar	https://scholar.google.com/citations?hl=en&user=YtpNYDwAAAAJ
Orcid id	https://orcid.org/0000-0001-5377-4446
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57211394320
Publons	https://www.webofscience.com/wos/author/record/AAE-9203-2021
Research Gate	https://www.researchgate.net/profile/Nagasirisha-Bhattiprolu?ev=hdr_xprf
Vidwan-Inflibnet	Profile URL: https://vidwan.inflibnet.ac.in/profile/197508
Web of science	https://www.webofscience.com/wos/author/record/AAE-9203-2021

PAPERS PUBLISHED IN CONFERENCES: 05

- 1) B.Nagasirisha, V.V.K.D.V.Prasd “A New Approach for Reduction of Baseline Wander Noise in EMG Signal” in the Turkish Journal of Physiotherapy and Rehabilitation, ISSN (print): 2651-4451, Vol.32, Issue No.02, page No:3658-3663, June 2021.Presented in ICRDEM Conference on 23-MAY-2021. (Got Best Paper Award)
- 2) Paper Accepted ON 09 January, 2025: “ Performance analysis of High - K Dielectric

Impact on AlGaIn/ GaN HEMTs using β - Ga₂O₃ Buffer for High Speed RF Power Electronics” International Conference o Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2025) 24-25April 2025. (Published in **IEEE Xplore**)

- 3) 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.
- 4) Presented a paper titled “Estimation of Biological Signal using LMS Adaptive Filter with Squirrel Search Optimization Algorithm” in the second International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems(CITAES), 29-30 July,2022 at Gudlavalleru Engineering College.
- 5) 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.

Research Projects : 03

Name of Agency	Title of project	Total Amount	Period of support	Complete d/on-going
SRGEC (In House R&D Project)	Electromyogram Signal Acquisition and Processing for Muscle Movement Analysis PI - Dr.V.V.K.D.V.Prasad Co-PI - Dr.B.Nagasirisha	Rs 25,275/-	2 years	on-going
SRGEC (In House R&D Project)	Modelling of ECG Processing System PI - Dr.V.V.K.D.V.Prasad Co-PI - B.Nagasirisha	Rs 35,000/-	2 years 2018 to 20	Submitted
DRDO Project Proposal	Enhanced Satellite Laser Ranging Data Processing Using Advanced Image Denoising Algorithms PI - Dr.V.V.K.D.V.Prasad Co-PI - Dr.B.Nagasirisha	Rs 18,50,000/-	—	Proposal Prepared

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
Nil	03	26

Subjects Handled :

- Electronic Devices & Circuits
- Digital Image Processing
- Bio Medical Engineering
- Analog Circuits
- Signals & Systems
- Basic Electronics
- Analog Electronics
- Elements of Electronic Engineering
- Digital Signal Processing
- VLSI Design

Other Responsibilities

College Level

1. Media Center In charge
2. Women Empowerment Cell Member
3. Women Protection Cell Member
4. CIS member for NAAC criteria V

Department Level

1. Associate Mentor
2. Mini & Major Project Coordinator
3. Signal processing research group Co-Coordinator
4. Feedback Coordinator
5. NBA - Curriculum file Coursefiles and Guide-Mentee file,
6. Student Counsellor
7. Class Teacher.

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.

NPTEL COURSE CERTIFICATIONS: 03

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	Basic Electronics	Jan-April & 2018	Elite

OTHER COURSE CERTIFICATIONS :

1. Attended a twenty day workshop on “Machine Learning and Predictive Analysis with MATLAB” organized by Skill to Hire organization, from 2nd to 20th June 2020.
2. Completed "Matlab Masters" course conducted by DataTeach Labs from 8th to 19th June 2020.

MEMBERSHIP IN PROFESSIONAL BODIES:

1. Executive Committee Member, Institution of Electronics And Telecommunication Engineers (IETE), Vijayawada center during 2024-26.
2. Fellow of the Institution (FIETE) No. F-503510.
3. Member of IE No. M-1531875.

LIST OF FDP/ WORKSHOPS / SEMINARS ATTENDED: 37

- 1) Participated in One week Refresher Course on “Transmission Lines and Waveguides” organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 29 January- 02 February 2024.
- 2) Dr.Nagasirisha B: A Six day Training on “ Unity Real Time 3D Fundamentals for Augmented Reality and Virtual Reality” held at Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 18-23 March 2024.
- 3) Participated in One week Refresher Course on “Microcontrollers and Embedded Systems” organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 9-13 January 2024.
- 4) Participated in A Two day Faculty Development Program on “Design of Integrated Circuits using Microwind Tools” organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 30-31 August, 2023.

- 5) Participated in One week Faculty Development Program on “Applications of Computer Vision using Deep Learning” organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 20-25 February 2023.
- 6) Participated in One week Online Induction Program on "Millimeter Wave Frequencies (Phase-III)" organized by Department of Electronics and Communication Engineering, Gudlavalleru Engineering College, Gudlavalleru from 17-24 August 2021.
- 7) Attended a one week Refresher Course on "Embedded System Design" organized by Department of ECE ,Gudlavalleru Engineering College, Gudlavalleru during 27th July-1st August, 2020.
- 8) Participated in Two week Audit course on “ Research Methodologies” during 1st to 15th May,2016 , conducted by JNTUK, Kakinada.
- 9) Participated in Two week Audit course on “Intellectual Property Rights and Patents” during 16th to 30th May,2016 ,conducted by JNTUK, Kakinada.
- 10) Participated in FACULTY DEVELOPMENT PROGRAM organised by ATAL Incubation Centre - Centre for Cellular and Molecular Biology and sponsored by DST - NIMAT from February 4th - March 18th 2021.
- 11) Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Artificial Intelligence in Contemporary Biomedical & Healthcare Applications: Fundamentals & Hands On Matlab" from 2021-06-21 to 2021-06-25 at Gautam Buddha University, Greater Noida, U.P.
- 12) Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-12- 7 to 2020-12-11 at gudlavalleru engineering college.
- 13) Participated in AICTE sponsored Online Short Term Training Programme on "Blockchain Architecture Design and Use Cases" (Smart Contracts with Ethereum Solidity) Phase-III organized by Department of Electronics and Communication Engineering from 24-08-2020 to 29-08-2020.
- 14) Participated in A National Level Webinar on “Intellectual Property Rights & Patents - A View” organized by IQAC, Gudlavalleru Engineering College, Gudlavalleru held during 10 - 12 August 2020.Cleared the examination and performed well.
- 15) Participated in webinar on “Applications of Image Processing in Emerging Fields with Hands on Tutorial” on 14/8,2020 organized by department of ECE,Gudlavalleru.
- 16) 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.

- 17) 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 .
- 18) Participated in One and half week Faculty Development Programme on “Digital Image Processing ” during July to October,2018 ,conducted by NPTEL-AICTE.
- 19) Participated in One week Faculty Development Programme on “Communications and Signal Processing” during 29th Oct to 3rd Nov, 2018, conducted by Gudlavalluru Engineering College.
- 20) Participated in One week National level Faculty Development Programme on “ Signal and Image Processing using LabVIEW” during 13th to 18th November,2017 ,conducted by Gudlavalluru Engineering College.
- 21) Participated in one week international virtual FDP on Emerging Techniques in Biomedical Instrumentation-ETBI- 2021 from 28th June 2021 3rd July 2021.
- 22) Two week –ISTE STTP workshop on “CMOS Mixed Signal & Radio frequency VLSI Design ” conducted by NMEICT(MHRD), at Gudlavalluru Engineering College on 30th Jan to 4th Feb,2017 .
- 23) Participated in Two day Faculty Training Programme on “ Advances in VLSI Design and Embedded Systems” during 6th to 7th November,2017 ,conducted by Gudlavalluru Engineering College.
- 24) 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.
- 25) Participated in Three day Staff Training Programme on “Matlab Tools for Engineers- Hands on Experience” during 10th & 11th January,2017 ,conducted by Gudlavalluru Engineering College.
- 26) Participated in One week Faculty Development Programme on “ Hands on Experience in Signal Processing Applications ” during 7nd to 12th November,2016 ,conducted by Gudlavalluru Engineering College.
- 27) 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, Gudlavalluru Engineering College, Gudlavalluru on 4-6 November 2016.
- 28) 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.
- 29) 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 from 1st to 5th Dec 2015.

- 30) 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
- 31) Participated in “ Swarm Intelligence Techniques –Applications to Signal Processing ”Three days workshop during 5th to 7th Dec,2015 , conducted by Gudlavalleru Engineering College.
- 32) 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.
- 33) 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.
- 34) 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.’
- 35) Two week -ISTE workshop on “CONTROL SYSTEMS” organized by NMEICT, IIT kharaghpur in Gudlavalleru Engineering College, Gudlavalleru on 2nd to 12th Dec,2014.
- 36) 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 .
- 37) 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: 21

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. 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.
3. 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.

4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. Participated in two day Online Faculty Development Program on "MATLAB and Simulink in Engineering Education" organized by APSSDC from 10th to 11th June 2020.
10. 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.
11. Attended a webinar on "How to write an Effective Paper" organized by Matterhere on 10th May 2020.
12. Attended a webinar on "How to write each section of your paper" organized by Matterhere on 17th May 2020.
13. 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.
14. Attended a online webinar on "Global Trends in Biomedical Teaching and Research" organized by Chennai Institute of Technology on 5th June 2020.

15. Attended a online webinar on "Speech Signal Processing" organized by Lakireddy Bali Reddy College of Engineering on 17th May 2020.
16. Attended a online webinar on "Virtual Classroom Management using Microsoft Teams" organized by Lakireddy Bali Reddy College of Engineering on 11th May 2020.
17. Attended a webinar on "Impact of Covid in Engineering Education and Way Forward", organised by ISTE chapter, Gudlavalleru Engineering College on 9th June 2020.
18. 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.
19. 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.
20. 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.
21. Attended a two day workshop on "VLSI Circuits- Analog and Digital Design Perspectives"

LIST OF WORKSHOPS ORGANIZED : 03

- 1) Acted as a Coordinator to a Two day workshop on "Emerging Technology: Internet of Things" on 21st-22nd, September, 2015 in the department.
- 2) Acted as a Coordinator for Two day workshop on "Image Processing Applications Using MATLAB" on 12th-13th, October, 2015 in the department.
- 3) Acted as a Coordinator for Three day workshop on "Overview on Latest Telecom Technologies" by BSNL Krishna SSA, on 11th-13th, January, 2016.

GUEST LECTURES : 01

- 1) Delivered a Guest Lecture on "Semiconductor Devices" in one week Refresher Course at SRGEC, on 02nd February, 2024.

(Dr.B.NAGASIRISHA)

