

BIODATA

Name : ENNAM GOVINDA
Date of Birth : 20-04-1979
Father's Name : ENNAM JOGULU
Mother's Name : E. VARAHALAMMA
Sex : Male
Marital Status : Married
Languages Known : English and Telugu
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Educational Qualifications :

S.No	Qualification/ Examination	Specialization	College/School where studied	University/ Board	Year of Passing	Aggregate Percentage
1	Ph. D.	UWB	GITAM DEEMED TO BE UNIVERSITY	GITAM DEEMED TO BE UNIVERSITY	2021	-
2	M.Tech.	DSCE	JNTUH	JNTUH	2012	76.36
3	B.Tech.	ECE	V.R SIDDHARTHA ENGG COLLEGE	Nagarjuna University	2002	75
4	D.EC.E	ECE	VMR Polytechnic College	SBTET	1998	84.95
5	SSC	---	St.RCM High School	BSE	1994	60

Work Experience: (Total 20 years)

S.No	Name of Employer/ Organization	Designations	Duration of Employment		Nature of duties	Regular/ Ratified/ Temporary appointment
			From	To		
1	Avanthi Inst., of Engg., & Tech.,Makavarapalem	Associate Professor	Feb. 2015	Till date	Head of the department	Regular/Ratified by JNTUV in 2024
2	Avanthi Inst., of Engg., & Tech.,Makavarapalem	Assistant Professor	July'2012	Feb. 2015	Teaching	Regular/ Ratified By JNTUK 17/07/12
3	Avanthi Inst., of Engg., & Tech.,Makavarapalem	Lecturer	Aug 2003	July 2012	Teaching	Regular

Undergraduate projects:

1. I was guided so for 50 projects for B.Tech students.

Postgraduate projects:

2. Three M.Tech students completed projects under my supervision.

Publications:

1. Published a paper named, "An Automatic Brain Tumors Detection and Classification Using Deep Convolutional Neural Network with VGG-19", 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), IEEE Xplore: 07 August 2023.
2. Published a paper named, "Design of Advanced Encryption Standard (AES) Algorithm for Secure Applications", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367 ,Volume XV, Issue V, May/2023.
3. Published a paper named, "Area Efficient Truncation and Rounding-Based Scalable Approximate Multiplier using KSA" The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367 ,Volume XV, Issue V, May/2023.
4. Published a paper named, "Efficient Power Management and Delay Reduction in Positive Feedback Comparator Design", Industrial Engineering Journal ISSN: 0970-2555 Volume : 52, Issue 5, May : 2023.
5. Published a paper named, "A Low-Power 4-bit Universal Shift Register Design using MTCMOS", The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Volume XIV, Issue VI, June/2022.
6. Published a paper named , "Breast Cancer Detection Using UWB Imaging and Convolutional Neural Network", Journal of Elementary Education Online (EEO), Vol 20(Issue 5): PP.1657-1670, ISSN:1305-3515, February 2021 (SCOPUS).
7. Published a paper named , "Breast cancer detection method utilizing UWB patch antenna, Turkish journal of Physiotherapy and Rehabilitation (TJPR), ISSN 2651-4451, Volume 32 Issue (3), pp.15757-15767, September 2021. (Scopus, ESCI)
8. Published a paper named , "Artificial Neural Networks in UWB Image Processing for Early Detection of Breast Cancer", International Journal of Advanced Science and Technology (IJAST) Vol. 29, No. 5, (2020), pp. 2717 – 2730, ISSN: 2005 -4238 IJAST Copyright © 2020 SERSC. (SCOPUS)
9. Published a paper named , "Breast Cancer Detection Method Utilizing UWB Patch Antennas and Considering Breast tissue Reflected Power", Journal of critical reviews. ISSN:2394-5125, VOL-7, Issue- 18,2020. (SCOPUS)
10. Published a paper named "Hybrid UWB Based Imaging Technique for Breast Tumour Detection by using Enhanced Robust and Artifact Removal Algorithm", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6, March 2019. (SCOPUS)

11. Published a paper named , “UWB Based Imaging Technique for Breast Tumour Detection by using ERAR, DAS and DMAS Algorithms”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S3, December 2019. (SCOPUS)
12. Published a paper named “Multiband UWB Performance Analysis for LOS and NLOS Channels, International Journal of Computer Applications (IJCA) (0975 – 8887) Volume 169 – No.8, July 2017. (UGC)
13. Published a paper named , “Threshold sensitive distributed energy efficient clustering routing protocol for wireless sensor networks”, IJSETR, vol:06, ISSN:2319-8885(UGC 2017)
14. Published a paper named “Image denoising using bilateral filter and wavelet thresholding”, IJSCSEIT, Vol 2,ISSUE 1 ,ISSN:2456-3307(jan 2017) .
15. Published a paper named, “Realization of AES Module for Low Latency Applications”, International journal of scientific engineering and technology research(IJSETR),ISSN 2319-8885 Vol.05,Issue.44 November-2016, Pages:9147-9151
16. Speed and area optimized realization of 5-point router using Verilog HDL, International journal of VLSI system design and communication systems. ISSN 2322-0929,Vol:03,Issue:08(OCT 2015)IJVDCS2015
17. A novel approach of speed optimization design for general linear feedback shift register structures www.semargroup.org/ISSN 2319-8885, volume 01, issue: 02, july-Dec 2012.IJSETR2012
18. Published a paper named” Background subtraction with feature extraction based on FPGA”in IJETT 2013.vol:04, issue 9,09/13
19. Published a paper named “A Novel planning for SPIHT Encoder for image confining” International Journal of Engineering Trends and Technology (IJETT) – ISSN: 2231-5381, Volume 4 Issue 9- Sep 2013.

Patents :

1. Received a Patent on “PORTABLE DEVICE FOR BONE CANCER DETECTION, Design number: 6318514”, Adam Williams Comptroller-General of Patents, Designs and Trade Marks Intellectual Property Office .UK in 2023.

Memberships in Professional Bodies:

1. **Member of Institution of Engineers-M-1684218**
2. **Member of IEEE**
3. **Member of IETE**

Awards:

1. **Received a best Paper award for ,“UWB imaging Technique for Breast tumor detection using ERAR Algorithm, Technical Session - 4: Pattern Recognition and Soft Computing & ICCM 2023-208 in 9th ICCM 2023 springer conference.**

Achievements:

1. Completed the NPTEL Online Certification Course on 'Introduction to Research' During Jan to Feb 2016.
2. Completed the NPTEL Online Certification Course on 'on Introduction to Internet of things' During Jan to Apr 2024.
3. Completed the NPTEL Online Certification Course on 'on Embedded System Design with ARM' During Jan to Apr 2024
4. Act as Review Board member for CSAi2023 Springer International Conference on Computing for Science, Engineering and Artificial Intelligence, CSUSB USA in collaboration with Lendi Institute of Engineering and Technology (A) India on Nov 17-18, 2023.
5. Act as Review Board member for ICCM2023 · Computational Intelligence in Management & Mathematics-Key trends: Proceedings of 9th International Conference on Computers, Management & Mathematical Sciences, North Eastern Regional Institute of Science and Technology (NERIST), National Institute Of Technology, Mizoram, India, 04-05 August 2023
6. Act as chair member for session-11, Computational Intelligence for Engineering Sciences and It's Application, 1 st International Conference on Computing for Science, Engineering & Artificial Intelligence CSEAI 2023, 17-18th November 2023 (Hybrid mode), ,CSUSB USA in collaboration with Lendi Institute of Engineering and Technology (A), India on Nov 17-18, 2023.

Workshops & Seminars:

1. One-week International online FDP on" "Emerging Trends in Electronic Circuit Design, Signal Processing, and Communication" organized by KLH University, Hyderabad. 1st to 6th July 2024.
2. One-week International online FDP on" AI Enabled AR/VR in Communications & Signal Processing Application", during 3 rd. – 7 th October 2023, organized by Department of Electronics and Communication Engineering, Nalla Narasimha Reddy Education Society's Group of Institutions – Integrated Campus.
3. A One Week Faculty Development Program on APPLICATIONS IN SIGNAL PROCESSING AND COMMUNICATION SYSTEMS Conducted by departments of EEE & ECE from 29th April, 2024 to 4th May, 2024, GONNA INSTITUTE OF INFORMATIONTECHNOLOGY AND SCIENCES,anakapalli.
4. 12-week NPTEL FDP on Introduction to Internet of things"IIT Madras,JAN-APRIL 2024
5. 12-week NPTEL FDP on "Embedded System Design with ARM"IIT Madras,JAN-APRIL 2024
6. Participated in online short-term course titled "Electromagnetics: Recent Trends and Future Applications" conducted as a part of quality improvement program, organized by the Department of Electrical Engineering, IIT Indore from February 28, 2022 to March 05, 2022.

7. Participated two-day workshop on “E-Vehicle “organised by department of mechanical engineering,AIET,Makavarapalem,In association with 4CDesignEngg3K Pvt Ltd,Hyderabad on 18-05-2022 to 19-05-2022.
8. Two-day workshop on “MATLAB And Their Applications”. Organized By Department of ECE16 th&17th Feb 2017
9. One-week national workshop on ”EMBEDED SYSTEM” organized by NIT Warangal. 26th to 30th march 2016
10. Two days national workshop on “exploring entrepreneurship opportunities in andra Pradesh” organized by jntu Kakinada in association with Avanthi group of colleges. 10th to11th october 2014
11. One Week Faculty Development Program On “Wireless Sensors And Their Applications”. Organized By Department Of ECE. 25th Nov -1st Dec 2013
12. Attended a Two Days Workshop on System Design Using XILINX FPGA’S in GVP College of Engineering, Visakhapatnam, NOV 2011.
13. Attended a One-Day Workshop on “ADVANCES IN SIGNAL AND IMAGE PROCESSING “held on 1st March 2013.at Aditya institute of Technology and Management, Tekkali.
14. One day Workshop on DIGITAL COMMUNICATION LABORATORY, at M.V.G.R College, Vizianagaram held on 21st July 2012
15. Participated in a two-day national level workshop on “Tera Hertz technology” conducted by AIET Makavarapalem, under the YUKTI-2K17 two-day technical meet from.
16. Attended State level seminar on MEMS, Embedded Systems and VLSI at Spoorthy Engineering College, Hyderabad

Responsibilities:

1. Admission Coordinator from 2010 to till
2. NBA Criteria -5 coordinator for NBA visit 2014
3. ECE HOD from 2010 to till
4. NAAC Criteria-5 coordinator from 2021-till
5. NAAC Criteria -5 coordinator for NAAC visit 2017
6. NBA criteria -5 coordinator for NBA visit 2018
7. NBA Criteria -5 coordinator for NBA visit 2008

Activities organized

1. Acted as an Event coordinator for A Two-day symposium, ADWITIYA-2K11.
2. Acted as an Event coordinator for A Two-day symposium ‘ANUSTHANA-2K12.
3. Acted as an Event coordinator for A One-day technical event “ABLAZE-2K14”,4th April 2014.
4. Acted as an Event coordinator, for A Two-day Technical event “AVISHKAR-2015”,13,14 Feb 2015.
5. Acted as an Event coordinator for A Two-day Technical event “YUKTI-2k17”,13,14th December 2017.

6. Acted as an Event coordinator, for A Two-day Technical event “PRAGHATI-2k18”,10,11 Feb2018.
7. Acted as an Event coordinator, for A Two-day Technical event “TECHTONICS2K22”,27-28 MAY 2022.
8. Acted as an Event coordinator, for A Two-day Technical event Srujana2k22, 29-30 December,2022.
9. Acted as an Event coordinator for A Two-day Technical event Sparx2k23, 24-25 March,2023.

Dr. E. Govinda, Ph.D.
Professor