VEMULAPALLI MURALI KRISHNA

Department: Electronics and Communication Engineering

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ACADEMIC QUALIFICATIONS:

Name of the Degree	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING	AGGREGATE (in %/CGPA)
M.Tech (DECS)	Gudlavalleru Engineering College	Autonomous	2018	7.8
B.Tech (ECE)	Gudlavalleru Engineering College	Jawaharlal Nehru Technological University, Kakinada	2016	65.1
Intermediate (MPC)	Narayana Junior college	Board of Intermediate Education, A.P.	2012	79.1
S.S.C	Vidyalaya Public School,Gudivada	Board of Secondary Education, A.P.	2010	78.33

ACADEMIC REWARDS / ACHIEVEMENTS:

➢ Active participation in GECFEST-2015 as volunteer in public addressing system.
➢ Active participation in GECFEST-2015 as central announcements in public addressing system.

PROFESSIONAL EXPERIENCE: 3 years

Designation	Institution	Period
Lecturer	Sri Jyothi Polytechnic, Kalavapamula	02-11-2018 to 28-08-2021
Assistant Professor	Gudlavalleru Engineering College	30-08-2021 to still

PROJECTS GUIDED:

PHD	Post Graduation	Under Graduation
Nil	Nil	03

SPECIALIZATION:

➢ Digital Electronics & Communication Systems

RESEARCH PAPERS / BOOKS: Nil

BOOKS PUBLISHED IN PUBLICATIONS: Nil

RECENT PUBLICATIONS/CONFERENCES:

International/ National Journals	International/ National Conferences
03	03

Journals Papers:

[1] **Vemulapalli. Murali Krishna**, T.S.R. Krishna Prasad "Universal Steganalysis Towards Higher Detection Accuracy" in International Journal of Electronics Engineering (IJEE), Volume-10, Isuee-2, PP-258-263, June-2018.

[2] **Vemulapalli Murali Krishna**, B.Rajya Lakshmi, G.Madhu Latha, B.Bhavya, L.Mallika , "IOT Based Voting Machine With Fingerprint Verification", Journal Of Engineering, Computing & Architecture, ISSN NO:1934-7197, Volume 12, Issue 4, APRIL – 2022.

[3] **Vemulapalli Murali Krishna**," Coin Based Mobile Charging System, International Research Journal of Modernization in Engineering Technology and Science, Volume:05/ Issue: 04/April-2023, Impact Factor- 7.868,e-ISSN :2582-5208, DOI: 10.56726/IRJMETS35727 https://www.doi.org/10.56726/IRJMETS35727.

CONFERENCE PAPERS:

1. **Vemulapalli Murali Krishna,** "Detection of Term Delivery using Discrete Wavelet Transform and Feature Selection Methods on Uterine Magnetomyography Signals", Second International Conference On Computational and Intelligent Techniques For Automation Of Engineering Systems, 29-30 July 2022. (CITAES)

2. **Vemulapalli Murali Krishna,** "Detection of Term Delivery using Discrete Wavelet Transform and Feature Selection Methods on Uterine Magnetomyography Signals" International Conference on Recent Advances in Communication and Electronics(ICRACE-2023) ,24th June 2023.

3. **V.Murali Krishna**," EMG Signal Processing using DWT for Neuromuscular Disorder detection", 6th International Conference on "Smart Modernistic in Electronics and Communication" St. Martin's Engineering College UGC Autonomous Dhulapally, Secunderabad-500100 Telangana, India on 17 & 18 December 2024.

LIST OF WORKSHOPS ORGANIZED: 01

➢ One week Faculty Development Program on "**Applications of Computer vision using Deep learning**" through virtual mode conducted by Department of ECE, Gudlavalleru Engineering College in Gudlavalleru, Andhra Pradesh from 20.02.2023 to 25.02.2023.

LIST OF WORKSHOPS /SEMINARS ATTENDED: 21

➢ Participated in a "Haptic **robot arm** "workshop at Gudlavalleru Engineering College in Gudlavalleru.

➢ Participated in a "Mobile **controlled robotics** "workshop at Gudlavalleru Engineering College in Gudlavalleru.

➢ Participated in 2-day training program on "**Design and Development of Digital circuits using VLSI Tools**" organized by department of ECE, Gudlavalleru Engineering College, Gudlavalleru during 6th – 7th Dec 2018.

- Participated in faculty development program on "**Signal and image processing using LabVIEW**" organized by department of ECE, Gudlavalleru Engineering College, Gudlavalleru during 13th – 18th nov 2017.
- Participated in 2-day Training Program on "**Mentor Graphics Tools**" organized by department of ECE, Gudlavalleru Engineering College, Gudlavalleru during 31st aug– 1st sep 2018.
- Participated in 2-dayfaculty training program on "**Advances in VLSI Design and Embedded Systems**" organized by department of ECE, Gudlavalleru Engineering College, Gudlavalleru during 6th – 7th nov 2017.
- Participated in a "**Entrepreneurship awareness drive**" organized by IIT kharagpur at Vijayawada.
- Participated in a "**one week workshop on signal and image processing by using lab VIEW** "at Gudlavalleru Engineering College in Gudlavalleru.
- A One Week Faculty Development Program On" **Trends and Challenges in Advanced VLSI System Design**" Organized by Dept of CSE, S R K R Engineering College from 21st to 26th February 2022.
- Participated in CSIR Sponsored Five-Day National Level Workshop on "**Revolutionizing Industrial Digital Transformation Through Connected Technologies**" during 28th February - 04th March, 2022.
- Participated in 5 Day Faculty Development Program on "**Recent Trends In Communication Systems**" through virtual mode conducted by Department of ECE, Lakireddy Bali Reddy College of Engineering, Andhra Pradesh from 21.06.2022 to 25.06.2022.
- Attending A Faculty Development Program (Virtual Mode) on "**Applications of Artificial Intelligence in Brain- Computer Interface**" Sponsored by DST- SERB, Organized by Dept. of ECE, SR University, Hanumakonda, from 09-05-2022 to 13-05-2022.
- Participated in a Faculty Development Program "**Insights of NEP 2020 and Strategies for its Implementation** "at Gudlavalleru Engineering College in Gudlavalleru.
- Participated in One week Faculty Development Program on "**Soft computing techniques and hands on with MATLAB**" through virtual mode conducted by Department of ECE, Aditya Institute of Technology & Management(A) , Andhra Pradesh from 09.05.2022 to 13.05.2022.
- Participated in One week Faculty Development Program on "**Applications of Computer vision using Deep learning**" through virtual mode conducted by Department of ECE, Gudlavalleru Engineering College in Gudlavalleru, Andhra Pradesh from 20.02.2023 to 25.02.2023.
- Participated in "A **One Week International Faculty Development Programme on IOT, INDUSTRY 4.0 AND STRESS MANAGEMENT**" Department of IoT, Gudlavalleru Engineering College in Gudlavalleru, Andhra Pradesh from 17-07-2023 to 22-07-2023.
- Attended National workshop on" **Optical wireless communication technologies and its applications in Urban & Rural Environment**" conducted by this institute in association with ERNET India, IIIT Delhi and C-DAC at NITTTR Chennai on 16.05.2023

- ➢ Participated in A three-day Online Faculty Development Program," **Generative AI** ", Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 26-06-2024 to 28-06-2024.
- ➢ Participated in Five day Faculty Development Program," **Antennas for Biomedical Applications** ", conducted by Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous) from 11-03-2024 to 15-03-2024.
- ➢ Attended a One week Refresher course on "**Transmission lines and Waveguides**", Department of ECE Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 29-01-2024 to 02-02-2024.
- ➢ Attended a One week Refresher course on "**Microcontrollers and Embedded Systems**", Department of ECE Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 09-01-2024 to 13-01-2024.

NPTEL Certifications: 03

- ➢ Introduction to Wireless & Cellular Communications – 54%
- ➢ Digital Circuit Design – 60%
- ➢ Digital Electronic Circuits – 54%

INDUSTRIAL TRAINING:	Nil
GUEST LECTURES DELIVERED:	Nil
MEMBERSHIP IN PROFESSIONAL BODIES:	IAENG
IAENG NO:	292834
CONSULTANCY ACTIVITIES:	Nil
GRANTS FETCHED:	Nil