

FACULTY PROFILE

Name of the faculty: MEDA HEMALATHA

Department: ECE

College: Gudlavalleru Engineering College

Mobile: 8019948396

E-Mail: latha@gecgudlavalleru.in



RESIDENTIAL ADDRESS: Near venugopala swamy temple,
gudlavalleru(v),gudlavalleru(M).pin- 521356

ACADEMIC QUALIFICATIONS: M.Tech, pursuing Ph.D. at JNTU Kakinada ,AP.

ACADEMIC REWARDS / ACHIEVEMENTS:

- GATE 2014,2015,2016,2017 qualified.
- Recipient of **Prathibha Award** from AP state government in 2017
- UGC NET JUNE 2018 ,2019 qualified for Assistant professor.

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Assistant Professor	Gudlavalleru Engineering College	June 1 st 2022 to till date
Assistant Professor	IIIT ONGOLE	3 years 3 months 18 days Aug 1 st 2018-Nov 19 th 2021
Assistant Professor	IIIT Nuzvid	3 months

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
-	-	2

SPECIALIZATION: Instrumentation and Control engineering.

RESEARCH PAPERS / BOOKS:

PAPERS PUBLISHED IN JOURNALS:

1. **M Hemaltha**, K Rajasekhar, “Improved PSNR with encryption and data hiding using histogram shrink and wet paper coding”, *International journal of research*,04(9),2367-2373, 2017.

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS:

[1]. **M Hemaltha**, K Rajasekhar,“Multiplicative symmetric key generation based encryption for data hiding”, Second International Conference on Communication and Electronics Systems (ICCES),19 -20October 2017, PPG Institute of Technology, Coimbatore, India

LIST OF WORKSHOPS ORGANIZED:

- Coordinated workshop on “NODEMCU and AURDINO”.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- Faculty Development Program on “Student induction” organized by AICTE on 19 - 21 Dec’19.
- Faculty Development Program on “Advanced technologies in wireless communication networks” organized by GMR Institute of Technology, Rajam on 02-06 Aug’21.
- Webinar on “Random variables and stochastic processes” organized by Wiley webinar series in association with GMR Institute of Technology, Rajam on 02 Aug’21

CERTIFICATIONS/Training Programs Attended No:

GUEST LECTURES DELIVERED: ----

MEMBERSHIP IN PROFESSIONAL BODIES: ----

CONSULTANCY ACTIVITIES: ----

GRANTS FETCHED: ----

Subjects Handled

Under Graduation

- Electronic devices and circuits
- Signals and Systems
- Electromagnetic theory and transmission lines
- Artificial intelligence

Post-Graduation

Labs Handled

Under Graduation

- Electronic Devices and Circuits Lab
- Digital circuits and design Lab
- Analog electronics and circuits Lab

Post-Graduation

Other Responsibilities

College Level

- Worked as Warden for Engineering girls at IIIT Ongole.

Department Level

Projects Guided

Under Graduation

S. No	Name of the project	Year
1	Earth quake detection using proteus 8 and its hardware implementation	2021
2	FM Radio Jammer circuit	2021

Post-Graduation

Guiding Ph. D Students – NIL

Books Published No. :

R&D and Consultancy

Curriculum Design and Development

Extra Curricular Activities:

Declaration

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

Date: 28-06-2022

HEMALATHA

Place Gudlavalleru

MEDA

Signature