

FACULTY PROFILE

Name of the faculty: MANNE GALEEB

Department: Electronics and Communication Engineering

College: Seshadri Rao Gudlavalleru Engineering College



E-Mail: mannegaleeb@gmail.com

RESIDENTIAL ADDRESS:

Door no:7-3, Near Srilanka colony,
vuyyuru(v), vuyyuru(M).pin- 521165

ACADEMIC QUALIFICATIONS:

Ph.D : Ph.D Scholler (JNTU-GV)

M.Tech(MWC) : Prasad V. Potluri Siddhartha Institute of Technology, Kanuru in 2013

B.Tech (ECE) : BVCITS, Batlapallem in 2008

Diploma (ECE) : A. A. N. M. & V. V. R. S. R. Polytechnic- Gudlavaleru in 2004

S.S.C : ZPHS, Vuyyuru in 2000

ACADEMIC REWARDS / ACHIEVEMENTS:

- GATE 2010 qualified.

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Assistant Professor	Gudlavalleru Engineering College	July 29 th 2022 to till date
Assistant Professor	RAMACHANDRA College of Engineering- Eluru	10 months Oct 1 st 2021- July 29 th 2022
Assistant Professor	Usha Rama College of Engg& Technology - Telaprolu	5 years 3 months June 6 th 2016- Sep 30 th 2021
Assistant Professor	Nimra Group of Colleges, Vijayawada	2 years July 1 st 2014- May 30 th 2016
Assistant Professor	Kaushik College of Engineering, Visakhapatnam	2 years 2 months June 6 th 2009- Aug 30 th 2011
Assistant Professor	Sana Engineering College, Kodada	11 months June 4 th 2008- May 25 th 2009

PROJECTS GUIDED:

PhD	Post-Graduation	Under Graduation
-	3	11

SPECIALIZATION: Microwave and Communication.

RESEARCH PAPERS / BOOKS:

PAPERS PUBLISHED IN JOURNALS:

1. **M Galeeb** “Triple stub enclosed CPW fed patch antenna for Wi-Fi/ISM/Bluetooth and V2V Auto-motive communication”, JETIR, April 2023, Vol-10, Issue-4.
2. **M Galeeb** “DESIGN OF AES USING VERILOG” Juni Khyat ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-12 Issue-01 No.01: 2022.
3. Shaik.Bajivali, **M Galeeb**, “DESIGN A HIGH SPEED AND HIGH SECURE 16*16 SRAM ARRAY USING 22nm“ Journal of Critical Reviews (JCR), Vol-7, Issue-15.2020.
4. G Srikanya, P kanaka raju, **M.Galeeb**, “ANALYSIS OF VARIOUS 8T SRAM DESIGNS USING DTCMOS TECHNIQUE“ International Journal of Research in Electronics and Computer Engineering (IJRECE), Vol-5, Issue-4. July - Aug, 2017. (Available online: [http://ijrece.com/Login.aspx?ArticleId=IJRECE/V5/52609&MenuName=Volume-5,%20Issue-5PW:ijrece#@\\$2609](http://ijrece.com/Login.aspx?ArticleId=IJRECE/V5/52609&MenuName=Volume-5,%20Issue-5PW:ijrece#@$2609))
5. **M.Galeeb**, TThirupathirao, “ESTABLISHING AN EFFICIENT COMMUNICATION FOR LOW POWER APPLICATIONS”, International Journal of Innovative Research In Advanced Technology ISSN: 2319-1467, Vol 1, issue:01 page:7910-19, January 2016(Available online: <https://ijirat/publications.org/journals>).
6. **M Galeeb** “A Novel Approach of Rayleigh Fading Channel and MIMO Multiple Relay Assignment in OFDM-based System using amplify-and-forward(AF) Relay Strategies”(IJERT) ISSN: 2278-0181 Vol. 2 Issue 11, November – 2013.(Available online:<https://www.ijert.org/research/a-novel-approach-of-rayleigh-fading-channel-and-mimo-multiple-relay-assignment-in-ofdm-based-system-using-amplify-and-forward-af-relay-strategies-IJERTV2IS111051.pdf>)

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS:

LIST OF WORKSHOPS ORGANIZED:

- Coordinator for “ROBOTICS” workshop in URCET.
- Coordinator for “PCB Design” workshop in URCET.
- Coordinator for TECHNICAL QUIZ for URFEST in URCET.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- **One week** (from 21th – 25th October, 2024) Hands-on training **DST-SERB Sponsored Workshop on workshop on “Design Challenges in AI based Antennas for 5G Beyond, V2V Communication Applications: Theory to Practice, Machine Learning Approach”**, organized by Department of Electronics & Communication Engineering, Sri Vasavi Engineering College (Autonomous) Pedatadepalli, Tadepalligudem, West Godavari - 534101, A.P, INDIA.
- **Five Days** (June 24th -28th, 2024) Hands-on training workshop on “**CMOS-MEMS Integrated Sensor Technology for Human Centered Applications in Healthcare, Safety, and Environmental Sensing: A Theory to Practice**”, organized by Department of Electronics & Communication Engineering, Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology, Vijayawada.
- **Five Day Refresher course** on “**Computer Networks**”, during 18th June -22nd June 2024.
- **Five Day’s** (April 22nd -26th, 2024) online Faculty Development Program (FDP) on “**Next Generation RFIC: Design, Fabrication and Characterization**”, organized by Department of Electronics & Communication Engineering, Amrita school of Engineering, Amrita Vishwa Vidyapeetham , Coimbatore, India.
- **One Week Refresher Course** on “Transmission Lines and Waveguides ”organized by Department of Electronics and Communication Engineering, Seshadri Rao Gudlavalleru Engineering College during 29th January–2nd February 2024.
- **One Week Refresher Course** on “Microcontrollers and Embedded Systems ”organized by Department of Electronics and Communication Engineering Seshadri Rao Gudlavalleru Engineering College during 9th January–13th January 2024.
- **One Week online Faculty Development Program** on “Quantum Signal Processing”, organized by Department of Electronics & Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, NTR District, In Association with IETE, Vijayawada center held during 14.12.2023 to 20.12.2023.
- **One week** (from 05th – 10th June, 2023) **DST-SERB Sponsored Workshop on “Design and Simulation of Miniature Antennas Using Machine Learning for IoT Applications (DSMAMIA-2023)”** Organized by MVGR College of Engineering, vizayanagaram.
- **One week** (April 18th to 23rd 2022) **FDP** On “Low Power VLSI & its Industry trends” Organized by Department of Electronics and Communication Engineering at sanskrithi school of Engineering puttaparathi.
- **7 Days’** (27 March-02 April, 2017) **Workshop** on “**QIP Short Term Course cum Workshop on Industrial Applications of Terahertz Radiation**’ ‘At Organized By, **IIT Kharagpur-721 302**, Venue: S N Bose Auditorium, **IIT Kharagpur**.

- 3-Days (29TH Nov to 1st Dec 2016) **FDP** On “DESIGN AND ANALYSIS OF RF ANTENNAS USING HFSS” Organized by Department of Electronics and Communication Engineering at LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING, MYLAVARAM
- One Week (16th – 20th December 2019) **FDP** On “VLSI Chip Design Hands-on using Open-Source EDA” Jointly Organized by Electronics and ICT Academy Supported by Ministry of Electronics and Information Technology (Meity), Govt. Of India, At Malaviya NIT Jaipur.
- One Week (8th – 12th July 2019) **FDP** On “VLSI Chip Design Hands-on using Open-Source EDA” Jointly Organized by Electronics and ICT Academy Supported by Ministry of Electronics and Information Technology (Meity), Govt. Of India, At Malaviya NIT Jaipur.
- One Week (1st – 5th July 2019) **FDP** On “Antenna trends” Jointly Organized by Electronics and ICT Academy Supported by Ministry of Electronics and Information Technology (Meity), Govt. Of India, At Malaviya NIT Jaipur.
- One Week (3rd – 7th December 2018) **FDP** On “Wireless and Mobile Communications” Jointly Organized by Electronics and ICT Academy Supported by Ministry of Electronics and Information Technology (Meity), Govt. Of India, At Malaviya NIT Jaipur.
- 24th – 29th August 2020. AICTE Sponsored One Week Online **Short-Term Training Program (STTP-II)** On “Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS” Organized by Department of Electronics & Communication Engineering, SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN(Autonomous)Vishnupur, Bhimavaram.
- 5 Day’s (01-06-2020 to 05-06-2020) **FDP** On “Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles” At Organized by Department of Electrical & Electronics Engineering, Bapatla Engineering College, Bapatla.
- 5 Day’s (01-06-2020 to 05-06-2020) **FDP** On “National level Faculty developments program on multidisciplinary Approach towards Emerging Trends in science and humanities” At Organized by RAMACHANDRA COLLEGE OF ENGINEERING, ELURU.
- Attended in 3-DAYS (4th Jan to 6th Jan 2018) **Workshop** On “RESEARCH METHODOLOGY” organized by Koneru Lakshmaiah Education Foundation (KL University) at Vaddeswaram
- Participated in One day National Level **Workshop** on “ANTENNA DESIGN

USING HFSS” in UshaRama College of Engineering.

CERTIFICATIONS/Training Programs Attended No: 2

- 7 Days’ (27 March-02 April, 2017) **Workshop** on “**QIP Short Term Course cum Workshop on Industrial Applications of Terahertz Radiation**’ ‘At Organized By, **IIT Kharagpur-721 302**, Venue: S N Bose Auditorium, **IIT Kharagpur**.
- 24th – 29th August 2020.AICTE Sponsored One Week Online **Short-Term Training Program (STTP-II)** On “Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS” Organized by Department of Electronics & Communication Engineering, SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN(Autonomous)Vishnupur, Bhimavaram.

GUEST LECTURES DELIVERED: ----

MEMBERSHIP IN PROFESSIONAL BODIES: SDIWC, IAENG, ISRD

- The Society of Digital Information and Wireless Communications (**SDIWC**)
- INTERNATIONAL ASSOCIATION OF ENGINEERS (**IAENG**)
- INTERNATIONAL SOCIETY FOR RESEARCH AND DEVELOPMENT(**ISRD**)

CONSULTANCY ACTIVITIES----- GRANTS

FETCHED: ----

Subjects Handled

Under Graduation

- Electromagnetic and Transmission line (EMTL)
- Microwave Engineering (MWE)
- Antennas and Wave Propagation (AWP)
- Control systems (CS)
- Digital communication (DC)
- STLD
- Radar system (RS)
- Electronic circuit analysis (ECA)
- Signals and Systems (SS)
- Electronic devices and circuits (EDC)

Post-Graduation

Labs Handled

Under Graduation

- EEEW LAB
- ACKT LAB
- LICA LAB
- ECA LAB
- MWE&OC Lab
- Digital Signal Processing lab (Matlab)
- AC, DC, EDC, STLD Labs

Post-Graduation

Other Responsibilities

College Level

Department Level

- T&P Department Co-ordinator 2
- MWE&OC Lab In-Charge
- Department Exam Cell In-Charge
- Student Counselling In-Charge

Projects Guided

Under Graduation

S. No	Name of the project	Year
1	Solar based SMART Lighting depends on vehicles movement	2015
2	Automatic Train speed control by using singals	2016
3	Channal Estimation for OFDM Systems	2018
4	Design of U-Shaped microstrip patch antenna for WIMAX Application	2019
5	Efficient Direction of ARRIVAL Estimation using the MIMO Technology	2020
6	Implementation of Advanced Multiplier for various multimedia applications using approximate compressors	2021
7	Density and latency optimised two speed Radix4 modified booth multiplier	2021
8	Automatic Health Monitoring System	2022

9	Automatic Railway Gate control system	2022
10	Triple stub enclosed CPW fed patch antenna for Wi-Fi/ISM/Bluetooth and V2V Auto-motive communication	2023
11	Estimation of Channel using FFT in Intelligent Reflecting Surfaces For 5G and Beyond	2024

Post-Graduation

S. No	Name of the project	Year
1	ESTABLISHING AN EFFICIENT COMMUNICATION FOR LOW POWER APPLICATIONS	2016
2	ANALYSIS OF VARIOUS 8T1R1W DESIGNS USING DTCMOS TECHNIQUE	2017
3	DESIGN A HIGH SPEED AND HIGH SECURE 16*16 SRAM ARRAY USING 22nm	2020

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:

MANNE GALEEB

Place Gudlavalleru

Signature