



**MALLA REDDY ENGINEERING COLLEGE**  
(UGC Autonomous Institution, Affiliated to JNTUH,  
Accredited 2<sup>nd</sup> time by NAAC with 'A' Grade)  
Maisammaguda (H), Medchal-Malkajiri District,  
Telangana State – 500100

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**FACULTY ACHIEVEMENTS 2019-20**

1. Dr. K. Rajendra Prasad received funding Rs.5,59,216/- from AICTE under Modrobs scheme for “Modernization of Microwave Engineering lab”.
2. Dr. N. Subbulakshmi received funding Rs.4,34,000/- from AICTE to conduct Faculty Development Programme titled “Teaching-Pedagogical Intelligence”.
3. One Book published by Dr. Sikha Madhu Babu & Dr. M. Nithin Varma, titled “Network Theory” Amaravathi Publications with ISBN Number : 978-81-943685-4-0
4. Patent Published by Dr.Sikha Madhu Babu, Dr.T.Swapna, Dr.GSK Gayatri Devi, Dr.Ammangi Pradeep Kumar, Dr.N.Subbu Lakshmi, Dr.Tumu Srinivas Reddy, Dr.Kanaparthi Rajender Prasad with a title “An Automated IOT Based Blood Glucose Measurement Device along with LED Indication” (Application Id: 202041004245).
5. Patent Published by Dr. Swapna Thouti with a title “Set of bicycle pedaling systems with intelligence” (Application Id: 321696-001).
6. Patent Published by Dr.T.Srinivas Reddy with a title “A Survival of Smart Classroom Integrated IOT Used in Campus with Fully Cloud Computing” (Application Id: 202041044340).
7. Patent Published by Dr.G.S.K.Gayatri Devi with a title “A 20-180MHZ Frequency Band Electrically Tuneable Antenna for Radiation Immunity Testing” (Application Id: 202041049820).
8. Patent Published by Dr.Madhu Babu Sikha with a title “Autonomous Dynamic Traffic Signal Posts” (Application Id: 202041050702).
9. Consultancy work titled “Design and Development trainer kits – PIC 32 bits” by Dr.T.Srinivas Reddy & Mrs.P.Sowjanya and generated revenue of Rs.4,00,000/-.
10. Consultancy work titled “3D Plotter using ATMEGA2560” by Dr.S.Madhu Babu & Mr.N.Panduranga Reddy and generated revenue of Rs.4,00,000/-.
11. Consultancy work titled “Image Inpainting Techniques” by Mr. J. Sunil Kumar and generated revenue of Rs.1,92,000/-.

12. Dr.T.Srinivasa Reddy received the Best Editor Award from International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR) Journal.
13. Dr.A.Pradeep Kumar received the Best Paper Award for the paper titled “An Advanced Design of Pseudo Random Discrete time even System for fault detection” from International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR) Journal.
14. 6 Faculty Completed NPTEL Course.