



# LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institute, Approved by AICTE, Permanently Affiliated to JNTUGV)

(Accredited by NAAC with "A" grade)

Jonnada (Village), Denkada (Mandal), Vizianagaram Dist – 535 005

Phone No. 08922-241111, 241112

E-Mail: [lendi\\_2008@yahoo.com](mailto:lendi_2008@yahoo.com)

Website: [www.lendi.org](http://www.lendi.org)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## Summary of Granted Patents

| S.No. | Title  | Author Name       | Patent Number | Application Number | Granted Date | Term of Patent                               |
|-------|--|-------------------|---------------|--------------------|--------------|--|
| 1.    | A Modified Bowtie Slotted Circular Patch Antenna   | Dr.D.Naresh Kumar | 534184        | 201741034823       | 22/04/2024   | 20 years from the 30th day of September 2017 |
| 2.    | Curvy Rectangular Slotted Substrate Integrated Cylindrical Dra With Wide CP Bandwidth And Enhanced Gain    | Dr.D.Naresh Kumar | 528309        | 201741035257       | 15/03/2024   | 20 years from the 5th day of October 2017    |
| 3.    | A Quad-Band Asymmetric Dual L –Slot Fed Dielectric Resonator Antenna (DRA) With Circularly Polarized Bands | Dr.D.Naresh Kumar | 517989        | 201741035252       | 29/02/2024   | 20 years from the 5th day of October 2017    |

## Summary of Published Patents

| S.No | Title  | Author Name                             | Application Number | Filed Date | Published Date |
|------|--|---|--------------------|------------|----------------|
| 1.   | ANN And KNN Algorithm Investigation Of Intelligent And Smart Irrigation Systems Utilizing Edge Computing | Mr. S.Suresh Kumar,<br>Mr.B.Hemanth Nag | 202441019999       | 18/03/2024 | 29/03/2024     |