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| **S.No** | **Project** | **Google Firebase Tags** |
| 01 | IOT based ambient parameter sensing using LoRa | /Ambient Parameters/Humidity  /Ambient Parameters/Temperature |
| 02 | Energy monitoring using IOT and LoRa | /Energymeter/Power |
| 03 | IOT based motor control using LoRa | /motorcontrol/motor\_cmd |
| 04 | Voice Assistant controlled appliance switching |  |
| 05 | Smart Garden | /smartgarden/pumpstatus  /smartgarden/soilmoisture |
| 06 | IOT based home safety & security using LoRa | /Home Safety & Security/gasLeak  /Home Safety & Security/windowOpen |
| 07 | IOT enabled biometric access control system | /fingerprint/AUTH\_STATUS |
| 08 \* | Real Time based heater switching control using LoRa and cloud data | <http://griet.in/gcap/getheater.php> (Heltec code)  http://griet.in/gcap/setheater.php/data=$xxxxxxxxxx\*(App) |
| 09 | IOT based Remote Range Meter using LoRa | /Ultrasonic/Range |
| 10 | Fall Detector & Notifier using LoRa and IOT | /Accelerometer/Position |

\*Using GRIET web services