



**MANIPAL UNIVERSITY JAIPUR**

School of Electrical, Electronics & Communication Engineering

Department of Electronics & Communication Engineering

**Research Projects funded by Government agencies**

| <b>Title of the project</b>  | <b>Duration</b>    | <b>Funding Agency</b> | <b>Principal Investigator PI/Co-PI</b>                  | <b>Amount (INR)</b> | <b>Date of sanction</b>                          |
|--|--------------------|-----------------------|---|---------------------|--|
| Quantum Satellite and Fibre Communication  | 3 Years (Ongoing)  | DST India             | Dr. Manish Tiwari                                       | 6,71,500/-          | 16/9/2021  |
| Framework for Capturing Real-Time Data through Optimal Deployment of Multiple Mobile Robots in Hazardous Indoor Environments for Disaster Management   | 2 Year (completed) | DST India             | Dr. Tarun Kumar Dubey (PI),<br>Dr. Rohit Mathur (Co-PI) | 8,38,000/-          | 8/10/2018<br><br>Completed:<br>September<br>2023 |
| Fabrication of three segment periodically poled LiNbO <sub>3</sub> crystals Quasi-phase matching device through maskless technique and its application to ultra broad-band electro-optically tunable optical parametric oscillator | 3 Years (Ongoing)  | DRDO                  | Dr Prashant Povel Dwivedi                               | Rs. 52.3801 Lakhs   | 17/10/2023                                       |



**MANIPAL UNIVERSITY JAIPUR**

School of Electrical, Electronics & Communication Engineering

Department of Electronics & Communication Engineering

**Consultancy Projects**

| <b>Grant/Consultancy</b>   | <b>Principal Investigator</b> | <b>Funding Agency</b>                   | <b>Amount (INR)</b> | <b>Year</b> |
|--|-------------------------------|---|---------------------|-------------|
| Design of 5G and IOT based multi-band antenna for effective controlling of lighting system                             | Dr. Dinesh Yadav              | Kreate Lights Pvt Ltd, India            | 1,18,000/-          | 2022        |
| Smart Sensing Technologies for Structural Health Monitoring of Overhead Water Storage Tanks.                           | Dr. Tarun Kumar Dubey         | Abdul Rauf & Sons, India                | 20,000/-            | 2022        |
| Preliminary study on text based IoT and AI platform integration for automatic solution provider to automobile industry | Dr Shilpi Birla               | Dataint software technologies Pvt. Ltd. | 45,000/-            | 2023        |