



**MANIPAL UNIVERSITY
JAIPUR**

Established under the Manipal University Jaipur Act (No. 21 of 2011)

MANIPAL UNIVERSITY JAIPUR

School of Electrical, Electronics & Communication Engineering

Department of Electronics & Communication Engineering

Research Projects

| Title of the project | Duration | Funding Agency | Principal Investigator PI/Co-PI | Amount (INR) | Status |
|--|-----------------|---|--|---------------------|---------------|
| Quantum Satellite and Fibre Communication | 3 Years | DST India | Dr. Manish Tiwari | 6,71,500/- | Ongoing |
| Framework for Capturing Real-Time Data through Optimal Deployment of Multiple Mobile Robots in Hazardous Indoor Environments for Disaster Management | 2 Year | DST India | Dr. Tarun Kumar Dubey(PI), Dr. Rohit Mathur (Co-PI) | 8,38,000/- | Completed |
| Design and Synthesis of SPR Based portable optical fiber sensor for the detection of prohibited drugs | 2 years | Enhanced Seed Grant through Endowment Fund, Manipal University Jaipur | Dr. Ankur Saharia | 1,90,000/- | Ongoing |
| Microfluidic channel development and integration on flexible substrate material for health care application | 2 years | Enhanced Seed Grant through Endowment Fund, Manipal University Jaipur | Dr Kulwant Singh | 2,87,000/- | Ongoing |



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| Synthesis of graphene composite for high-speed energy storage devices for electrical vehicle application | 2 years | Enhanced Seed Grant through Endowment Fund, Manipal University Jaipur | Dr Kulwant Singh Dr Nitu Bhatnagar | 2,97,400/- | Ongoing |
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Consultancy Projects

| Grant/Consultancy | Principal Investigator | Funding Agency | Amount (INR) | Status |
|--|-------------------------------|----------------------------------|---------------------|---------------|
| 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/- | Ongoing |
| Skill Development Program, Govt. of Bihar | Dr. Sanyog Rawat | Paiby Two Private Limited, India | 2,88,000/- | Ongoing |
| Smart Sensing Technologies for Structural Health Monitoring of Overhead Water Storage Tanks. | Dr. Tarun Kumar Dubey | Abdul Rauf & Sons, India | 20,000/- | Ongoing |