

**Manipal University Jaipur**  
**Directorate of Research**  
**Status of the Industry Funded Research Project (Total Amount 204.00 Lakhs)**  
**Published @RMS and Manual\_29.03.2023**

| S.No. | Name of the Project Title   | Name of the Principal Investigator/ Co Investigator                                | Name of the Funding agency                               | Department of Principal Investigator/ Co Investigator                    | Year of Award | Sanctioned Amount (INR in lakhs) | Duration of the project | Remarks   |
|-------|---|--|--|--|---------------|----------------------------------|-------------------------|-----------|
| 1     | DEVELOPMENT OF HIGH PERFORMANCE ELASTOMERIC NANO COMPOSITES   | Dr. Subrata Bandhu Ghosh/<br>Dr. Sanchita Bandyopadhyay Ghosh                      | Indag Rubber Limited,<br>New Delhi                       | Mechanical Engineering   | 2016-2017     | 30.00                            | 1 Year                  | Completed |
| 2     | MUNICIPAL SOLID WASTE CONVERSION TO FUEL AND ENERGY   | Dr. Abhishek Sharma  | BEIL Infrastructure Limited                              | Chemical Engineering   | 2016-2017     | 46.62                            | 3 Years, Phase-1        | Completed |
| 3     | NEW PRODUCTS FROM OLIVE   | Dr. Mousumi Debnath *  | RAJASTHAN OLIVE CULTIVATION LIMITED                      | Biosciences  | 2019-2020     | 3.10                             | 3 Years                 | Completed |
| 4     | UPGRADATION OF TYRE PYROLYSIS PRODUCT INTO VALUE ADDED CHEMICALS ( PHASE II)                        | Dr. Abhishek Sharma  | Shantol Green India Pvt. Ltd                             | Chemical Engineering   | 2019-2020     | 37.40                            | 1 Year                  | Completed |
| 5     | METAL HYDROXIDE-GRAPHENE OXIDE NANOCOMPOSITE MATERIALS FOR WASTEWATER TREATMENT                     | Dr. Pushpendra Kumar * Dr. Anoop Mukhopadhyay                                      | RI Instruments & Innovation India, Haldwani, Uttarakhand | Physics  | 2019-2020     | 2.30                             | 2 Years                 | Completed |
| 6     | MUNICIPAL SOLID WASTE CONVERSION TO FUEL AND ENERGY   | Dr. Abhishek Sharma  | BEIL Infrastructure Limited                              | Chemical Engineering   | 2020-2021     | 43.79                            | 3 Years, Phase-2        | Completed |
| 7     | BIOSOLIDS UPGRADATION FOR GENERATING ENERGY AND FERTILIZERS USING TECHNOLOGICAL INTEGRATION         | Dr. Abhishek Sharma * Mr. Sagar Gupta<br>Dr. Rohit Jain<br>Dr. Rakesh Kumar Sharma | Inch Enviro Technologies Pvt. Ltd.                       | Chemical Engineering/Civil/Bioscience                                    | 2020-2021     | 5.84                             | 3 Years                 | On-going  |
| 8     | DEVELOPMENT AND IMPLEMENTATION OF ICT BASED SMART SUPPORT SYSTEM FOR CITIZEN-GOVERNMENT INTERACTION | Dr. Neha Chaudhary *<br>Dr. Kusum Lata Jain *                                      | Quick Silver Connecting the Dots Services, Jaipur        | Computer&Communication Engineering<br>Computer&Communication Engineering | 2021-2022     | 6.00                             | 1.5 Years               | On-going  |

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|----|--|---|--|---|-----------|-------|---------|----------|
| 9  | MULTI-PHASE MODELLING OF BIOMASS PYROLYSIS IN FLUIDIZED BED REACTOR USING PRODUCT FORMATION KINETICS | Dr Abhishek Sharma * Dr Dhaneshwar Mishra<br>Dr Pooja Sharma            | HPCL R&D Bengaluru                             | Chemical Engineering/?Mechanical/ Mathematics | 2021-2022 | 8.05  | 2 Years | On-going |
| 10 | NEW PRODUCTS FROM POMEGRANATE  | Dr Mousumi Debnath *  | RHAM FOOD AND PROCESSORS (OPC) PRIVATE LIMITED | Biosciences                                   | 2022-2023 | 4.40  | 1 Year  | On-going |
| 11 | DEVELOPMENT OF FLEXIBLE SENSORS  | Dr Sanchita B Ghosh * Dr Subrata Bandhu Ghosh<br>Mr Upendra Kulshrestha | CHIPSOR LABS PRIVATE LIMITED                   | Mechanical Engineering/Automobile Engineering | 2022-2023 | 16.50 | 1 Year  | On-going |