

PROJECTS COMPLETED DURING 2022-23

(As on 31.03.2023)
(Rs in lakhs)

Externally Funded Projects

| S. No. | Title of the Project | Project Number | Date of Start | Probable Date of Completion | Total Commitment & Sponsor | Project Leader |
|--------|--|----------------|---------------|-----------------------------|--|---------------------|
| 1. | Design and Development of a light source | CLP 0034 | 08.04.2021 | 30.06.2022 (Completed) | 9.265 (Industry Share: 5.015 Lakh CSIO Share: 5.015) ATOS Instruments Marketing Services, Bangalore | Dr. Sanjeev Soni |
| 2. | Optical Simulation of Skin model for Photoplethysmography Sensor Design | CNP 0018 | 16.03.2021 | 15.05.2021 (Completed) | 2.38276 M/s Pareto Tree Pvt. Ltd., New Delhi | Dr. Sudeshna Bagchi |
| 3. | Consultancy for the Development of Hemometer | CNP 0019 | 01.03.2021 | 30.06.2021 (Completed) | 1.000 M/s Reliable Pro- detect Biomedical Pvt. Ltd. , Shoghi (HP) | Dr. Akash Deep |
| 4. | Consultancy on Microwave Absorbing Material for Fabricating RF Anechoic Chamber | CNP 0022 | 16.01.2021 | 31.05.2022 (Completed) | 4.000 ITC India Pvt. Ltd., SAS Nagar (Punjab) | Dr. SachinTyagi |
| 5. | Odorspace-1 | CNP 0024 | 24.11.2021 | 23.05.2022 (Completed) | 16.05182 Foodpairing, Belgium | Dr. Ritesh Kumar |
| 6. | Molybdenum Disulphide Nanotemplates based Electrochemical Nanosensor for Food Toxins AFB1 and AFM1 | GAP 0397 | 25.09.2018 | 24.09.2021 (Completed) | 28.460 SERB, DST, New Delhi | Dr. Akash Deep |

| S. No. | Title of the Project | Project Number | Date of Start | Probable Date of Completion | Total Commitment & Sponsor | Project Leader |
|--------|--|----------------|---------------|-----------------------------|---|------------------------|
| 7. | Development of Phase Shifting Fizeau Interferometer for Optical Surface Form and Wavefront Sensing Application | GAP 0406 | 01.03.2019 | 30.06.2022 (Completed) | 32.313 DST, New Delhi | Dr. Sanjit Debnath |
| 8. | Indigenous Apex Locator for Root Canal Treatment | GAP 0420 | 30.09.2019 | 29.09.2022 (Completed) | 26.72352 DST, New Delhi | Dr. Ranjan Jha |
| 9. | Laser-fog Interaction Studies for Path Clearance Applications | GAP 0435 | 03.12.2020 | 02.12.2022 (Completed) | 26.15587 SERB, DST, New Delhi | Dr. Manoj Kumar Bhuyan |
| 10. | Inspire Awards - MANAK Mentorship Workshop 2022 | GAP 0456 | 29/04/2022 | 28/07/2022 (Completed) | 1.512 National Innovation Foundation (NIF)- India, Gandhi | Dr. Manoj K Patel |
| 11. | Twinning on Capacity Building to Transform Metal Industry Development Institute (MIDI) | SSP 0045 | 01.04.2018 | 31.03.2021 | 66.956 MIDI, Addis Ababa, Ethiopia | Dr. Neelesh Kumar |
| 12. | Development of Aspheric Mirrors by Aspherical Grinding and Polishing of Zerodur Mirror Blanks for space applications | SSP 0046 | 11.04.2019 | 10.06.2022 (Completed) | 88.000 ISRO-LEOS, Bangalore | Sh Shravana Kumar R R |
| 13. | Development of Customized Fiber End Micro Rod Lenses of Fused Silica | SSP 0047 | 14.09.2020 | 13.10.2022 (Completed) | 9.500 LASTEC, DRDO, New Delhi | Dr. Vinod Mishra |
| 14. | Hardware Design of Photoplethysmography (PPG) Sensor | SSP 0055 | 16.12.2021 | 30.04.2022 (Completed) | 2.40557 M/s Pareto Tree Pvt. Ltd., New Delhi | Dr. Sudeshna Bagchi |

* The projects of Strategic nature have been excluded from the list.

D. Technical Service Projects

(Rs in lakhs)

| S. No. | Title of the Project | Project Number | Date of Start | Probable Date of Completion | Total Commitment & Sponsor | Project Leader |
|--------|--|----------------|---------------|-----------------------------|----------------------------|---------------------|
| 1. | Management Development Program on Policies on Biomedical Devices | TSP 0037 | 14.11.2022 | 02.12.2022 (Completed) | 33.1175 MEA, New Delhi | Dr. Sanjeev Soni |