

## NEW PROJECTS SANCTIONED DURING FY 2023-24

Sr. No.	Date of Sanction	DST file Number and Project Title	PI's Details	Duration (Year)
1.	24.05.2023	DST/NM/TUE/QM-10/2019 Consortium for collective and engineered phenomena in topological concepts.	Prof. D.D. Sharma, Indian Institute of Science, Bangalore Karnataka (560012)	5 Year
2.	25.05.2023	DST/NM/TUE/QM-4/2019 Tuning of magnetic skyrmionic spin structure in ferrimagnetic nanostructure for data storage application.	Dr. Jyoti Rajan Mohanty, Indian Institute of Technology Hyderabad, Telangana (502285)	5 Year
3.	26.05.2023	DST/NM/TUE/QM-5/2019 Emergent phenomena in quantum materials.	Prof. P.S. Anil Kumar, Indian Institute of Science, Bangalore Karnataka (560012)	5 Year
4. a.	09.06.2023	DST/NM/TUE/QM-8/2019 Emergent phenomenon in 2D heterostructures.	Prof. Sameer Kumar Pal, SNBNCBS, Kolkata West Bengal (700106)	5 Year
b.	09.06.2023	DST/NM/TUE/QM-8/2019 Emergent phenomenon in 2D heterostructures.	Prof. Sonitkumar Roy, IIT, Kharagpur West Bengal (721302)	5 Year
c.	09.02.2023	DST/NM/TUE/QM-8/2019 Emergent phenomenon in 2D heterostructures.	Prof. Saushadedha, IIT, Mumbai Maharashtra (400076)	5 Year
d.	09.02.2023	DST/NM/TUE/QM-8/2019 Emergent phenomenon in 2D heterostructures.	Dr. Adarsh Kumar, IISER, Bhopal Madhya Pradesh (462066)	5 Year
e.	09.06.2023	DST/NM/TUE/QM-8/2019 Emergent phenomenon in 2D heterostructures.	Dr. Ranjit Hawaldar, C-MET, Pune Maharashtra (411008)	5 Year
f.	09.06.2023	DST/NM/TUE/QM-8/2019 Emergent phenomenon in 2D heterostructures.	Dr. Sangita Bose, QM-DAE, CEBS, Mumbai, Maharashtra (400098)	5 Year
5. a.	20/06.2023	DST/NM/NT/2023/03 Development of nanocrystalline silicon as a carrier-selective layer on nanotextured silicon wafer for	Prof. Vamsi Krishna, IIT- Delhi (110016)	3 Year

		silicon heterojunction solar cells fabrication.		
b.	20.06.2023	DST/NM/NT/2023/03 Development of nanocrystalline silicon as a carrier-selective layer on nanotextured silicon wafer for silicon heterojunction solar cells fabrication.	Dr. Sanjay Kumar Srivastava, CSIR-NPL, New Delhi (110012)	3 Year
7. a.	21.09.2023	DST/NM/NT/2023/04 Designing and development of multi-functional light weight carbon allotropes based nanostructured material viz bandage for radiation shielding and biomedical application.	Prof. Rajesh Malik, AIIMS, Bhopal Madhya Pradesh (462024)	3 Year
b.	21.09.2023	DST/NM/NT/2023/04 Designing and development of multi-functional light weight carbon allotropes based nanostructured material viz bandage for radiation shielding and biomedical application.	Dr. Sarika Verma, AMPRI- Bhopal Madhya Pradesh (462026)	3 Year