

F.Y. 2019-2020

S. No.	Date of sanction	DST File Number and Project Title	Principal Investigator details	Duration (year)
1	23.12.2019	DST/NM/NS/2018/112 DNA Aptamer Conjugated Nanoprobes for REACH chemicals recognition	Dr. Vaidyanathan Advanced Materials Laboratory, CSIR Central Leather Research Institute, Chennai-600020(Tamil Nadu)	3
2	17.02.2020	DST/NM/NT/2018/133 Development of multifunctional engineered nanocarrier delivery systems for oral administration of follicle stimulating hormone	Dr. Srinivas Mutalik Manipal College of Pharmaceutical Science, Manipal, Udupi – 576104 (Karnataka)	3
3	13.02.2020	DST/NM/NS/2018/157 Unique arrangements involving crackle lithography and core-shell polymer nanocomposites for suppressing electromagnetic interference	Dr. S. Bose Dept. of Materials Engineering, Indian Institute of science, Bangalore	3
4	28.02.2020	DST/NM/NT/2019/191 Development of targeted Gut Lymphangiogenesis nanomedicine for treatment of Liver Cirrhosis	Dr. Savneet Kaur and Dr. Subham Banerjee Dept. Of Molecular and Cellular Medicine, Institute of Liver and Biliary Sciences (ILBS), Delhi & Dept. of Pharmaceutics, National Institute of Pharmaceutical Education and Research (NIPER), Guwahati	3
5	21.10.2019	DST/NM/NT/2019/205 Self-charged energy storage devices based on defect engineered advanced hetero junction materials	Dr. Chandra Sekar Rout Centre for Nano and Material Sciences, Jain University, Jain Global Campus, Kanakpura, Ramanagara – 562112 (Karnataka)	3
6	11.10.2019	DST/NM/NT/2019/208 Piezoelectric/ Triboelectric Nanogenerator Driven Flexible Self-Charging Symmetric/Asymmetric Super capacitor Devices for Sustainable power Generation	Dr. B. B. Khatua Materials Science Centre, Indian Institute of Technology Kharagpur, Kharagpur – 721302 (West Bengal)	3
7	01.07.2019	DST/NM/NS/2018/27 A nanobionic approach for enhancement of plant photosynthesis and growth chloroplast mediated photon absorption	Dr. Sumistha Das, Assistant Prof Amity University Haryana, Gurugram- 122 413	3
8	10.07.2019	DST/NM/NS/2018/234	Prof. B R Mehta	3

		Study of nanoscale electrical properties of 2D/2D and 2D/3D interface for solar energy, photoconductivity and thermoelectric applications	Department of Physics, IIT- Delhi, New Delhi	
9	09.09.2019	DST/NM/Int-Coll-PETRAIII Phase-II/2019 Indian Beamline for Nano Science & Technology at PETRA III at DESY Humburg, Germany Phase-II	Prof., Chandrabhas Narayana Chemistry & Physics Material Unit, JNCASR Jakkur P.O., Bangalore - 560 064 (Karnataka)	3
10	23.12.2019	DST/NM/NS/2018/112 DNA Aptamer Conjugated Nanoprobes for REACH chemicals recognition	Dr. Vidhayanathan Advanced Materials Laboratory, CSIR Central Research Institute	3
11	11.01.2019	DST/NM/NB/2018/10 Detecting Single base mutations in DNA through magnetic nano-tagging: A reusable nucleobase specific fluorescent assay.	Dr. V. Thiagarajan, Bharathidasan University, Tiruchirappalli-620024	3
12	26.06.2019	SR/NM/NB/2018/16 Targeted delivery of lysosomal enzyme using mannose-6 phosphate modifies nanocarries for treatment of lysosomal storage diseases.	Dr. Sayam Sen Gupta, IISER, Kolkata	3
13	01.07.2019	DST/NM/NS/2018/27 A nanobionic approach for enhancement of plant photosynthesis and growth by augmenting chloroplast mediated photon absorption	Dr. Sumistha Das, Amity University, Gurugram	3
14	17.01.2020	DST/NM/NB/2018/203 In vivo Central Venous Catheters associated biofilm infection surface treatment using nanomaterials NMs to decrease the thrombotic and infection risks.	Dr. Ashwini Chauhan Tripura University Dr. Manika Khanuja Jamia Milia Islamia (JMI), New Delhi	3