

FY 2017-18

S. No	Date of sanction	DST file number and project title	Principle Investigator details	Duration (year)
1	20.03.2018	SR/NM/NT-1049/2016 Development of a point-of-care (POC) diagnostic panel for rapid detection and stratification of bacterial septicemia in critically-ill patients	Dr. Shalini Gupta, IIT Delhi, and Dr. Vikas Manchanda, MAMC Delhi	3
2	11.08.2017	SR/NM/NT-1064/2015 A novel Immuno Nano Fluorescence Assay (INFA) system for noninvasive detection of prostate cancer using urine-based protein biomarkers	Prof. Amit Dinda AIIMS, Delhi	3
3	23.03.2018	SR/NM/NT-1026/2017 <i>Biowaste based porous nano materials for efficient low cost energy storage devices</i>	Dr. Gurumurthy Hegde, BMS college of Engg, Banglaore	3
4	25.07.2017	SR/NM/NT-1062/2015 Development of self lubricating nano-composite for wear-resistant applications	Dr. Nilrudra Mandal CSIR- CMERI, Dr. Bijay Kumar Show, NIT- Durgapur	3
5	14.09.2017	SR/NM/NT-1024/2016 Metal Oxides Anchored Graphene nanosheets for fabrication of energy storage devices	Prof. Sambandam Anandan, NIT - Trichy	3
6	11.01.2018	SR/NM/NT-1030/2017 Analysis of near IR persistent luminescence nonmaterial's for in-vivo imaging by LM-OSL	Dr. Asem Nabachandra Singh, Thoubal College	3
7	13.03.2018	SR/NM/NT-1029/2015 Charged graphite nanoplateletes anchored ultrafiltration membranes for separation of heavy metals	Dr. Yogesh Jayasingh Chendake, Bharati Vidyapeeth University, Pune	2
8	18.07.2017	SR/NM/NT-06/2016 Prototype large-scale reactor for simultaneous production of H ₂ and fine chemicals under natural sunlight	Dr. Kamalakannan Kailasam, INST – Mohali	3
9	10.11.2017	SR/NM/NT-1072/2016 Novel nanostructured high performance anode materials for high energy Na-ion batteries	Dr. Milind Kulkarni, CMET – Pune	3
10	08.08.2017	SR/NM/NT-1054/2015 Self assembled nanostructured silica –graphene oxide core-shell particle reinforced natural rubber composites for green tyres	Dr. Sabu Thomas Centre for Nanoscience and Nanotechnology, M.G.University, Kerala	2

11	22.11.2107	SR/NM/NT-1041/2016 Development of electrically tunable nanoscale microwave oscillator prototypes using spin hall effect	Dr. Pranaba Kishor Muduli IIT-Delhi	3
12	20.03.2018	SR/NM/NT-1033/2016 Characterization of GroEL2 as mycobacterium tuberculosis cell wall adhesion protein and targeted intracellular delivery of GroEL2 coated anti-tuberculosis drug loaded polymeric nanoparticles	Dr. Raja Biswas Amrita Institute of Medical Sciences, Kochi	3
13	23.03.2018	SR/NM/NT-1037/2016 Study of optical properties of un-doped and doped ZnO micro-/nano-structures for UV detection	Dr. M.S.Ramachandra Rao IIT-Madras	3
14	25.02.2018	DST/NM/NT/2018/33 Automated wire explosion process for nano particles production for its use as rocket propellant and for transformer insulant	Prof. Ramanujam Sarathi IIT-Madras	3