

**List of recommended projects under DST-RCN (Norway) joint call on
Material Science**

S. No.	Title of project	Indian PI
1	Nanodos - synthesis of nano-phosphors and spin-trapping nanocrystals as energy-independent dosimeters for radiotherapy beams	Dr. Anant Pandey , Sri Venkateswara College, University of Delhi, Benito, Juarez Road, Dhaula Kuan, New Delhi-110021
2	Synthesis and Characterization of New emerging Nanomaterials and tools for evaluating impacts on human health and Environmental Risks	Dr. Pravin K. Naoghare , Environmental Impact & Sustainability Division, CSIR-National Environmental Engineering Research Institute, Nehru Marg, Nagpur-440020
3	Nano-selective, bio-mimetic membranes for integrated biotechnological production of biofuels from lignocellulosic biomass	Dr.(Ms) Ujjaini Sarkar , D/o Chemical Engineering, Jadavpur University, 188 Raja S.C.Mullik Road, Jadavpur, Kolkata-700032
4	Optimization of stem cell-laden smart biomaterials for 3d bioprinting of human cornea	Dr. Murugan Ramlingam , Professor, Centre for Biomaterials, Cellular and Molecular Theranostics, School of mechanical Engineering, Vellore Institute of Technology (VIT) Vellore 632014
5	Alloy development for additive manufacturing of prostheses and reconstructive implants	Dr. Murugaiyan Amirthalingam , Metallurgical & Materials Engineering, Indian Institute of Technology (IIT) Madras,
6	High Efficiency Micro-electromagnetic Energy Harvesting System for Self-powered Smart Environment--EMPOWER	Dr. Dhiman Mallick , Engineering, Indian Insitute of Technology, Delhi-110016
7	High-throughput synthesis of non-spherical plasmonic nanoparticles (NPs) for applications in endotoxin sensing (Nano-Syn-Sens)	Dr. Ethayarja Mani , Indian Institute of Technology Madras, Chennai-600036