

Grants for research projects sponsored by the government agencies during the last five years

S.No.	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Department	Year of Award	Duration of the project
1	Bioprospecting of Fungal endophytes for heparanase inhibitors: a targeted molecular approach for cancer therapeutics	Dr. Neha Kapoor	DST (SERB)	School of Applied Sciences	2021-2022	2 Years
2	In-situ Raman study of electrode / electrolyte interface of MHx (M=Mg, V, Ti, LaNi5) based all-solid -state Li- ion battery	Dr. Ankur Jain	UGC-DAE Consortium For Scientific Research	Centre for Renewable Energy & Storage	2021-2022	1 Year + 2 Year Extendable
3	Light Weight Metal Composite with Silicon for Portable Hydrogen Storage Reactors LiSi HyStoRe	Dr. Ankur Jain (Co-PI)	Indo-Japan Exchange Project NIIT Rourkela, DST- JSPS	Centre for Renewable Energy & Storage	2021-22	2 Years
4	International Conference (HYBRID Mode) on Nano Vision 2022 - Emerging Trends in Nanotechnology and Biotechnology	Dr Gaurav Sharma	DST (SERB)	School of Applied Sciences	2021-2022	2 Days
5	Sakura Science Exchange Visit to Hiroshima University, Hiroshima, Japan	Dr. Ankur Jain	Sakura Science Project, Japan Agency for Science & technology	Centre for Renewable Energy & Storage	2021-22	8 Days

6	Capacity Building and Training on Geospatial Science and Technology	Dr. Shruti Kanga	DST (SERB)	Centre for Climate Change & Water Research	2020-21	21 Days
7	IPR Workshop	Dr. Gaurav Sharma, Dr. Mukesh K. Gupta	DST-Rajasthan	School of Applied Sciences	2019-20	1 Day
8	Design and synthesis of novel structural analogues of Mefloquine and coated with modified chitosan as nanoparticles to produce synergetic effect and sustained release drug delivery for the treatment of malaria	Dr. Vinit Raj	DST (SERB)	School of Pharmacy	2019-20	2 Year
9	Seminar on technological innovation for transformation of desert economy of Rajasthan	Dr. T.K Jain	DST Rajasthan	International School of Buisness Management	2018-19	1 Day
10	IPR Workshop	Dr. Mukesh Kumar Gupta	DST Rajasthan	School of Engineering & Technology	2017-18	1 Day
11	E-Cell Incubation Centre	Dr. T.K. Jain	DoITC Rajasthan	International School of Buisness Management	2017-18	1 Year
12	Impact of Engineered Nano- particles on micro biome of Agroecosystem.	Dr. Gaurav Sharma	DST Rajasthan	School of Applied Sciences	2017-18	3 year
13	Synthesis of optically pure nanoparticles and their formulation in chiral columns prior to chiral separation of active pharmaceutical ingredients.	Dr. Hariom Nagar	DST Rajasthan	School of Applied Sciences	2017-18	3 year
14	Anti-Biofilm and antibacterial activity of green synthesized nanoparticles against different microorganisms	Dr. Gaurav Sharma	DST Rajasthan	School of Applied Sciences	2017-18	1 Year
15	Microwave irradiated green synthesis of Nanoparticles for catalytic and antibacterial activity	Dr. Gaurav Sharma	DST Rajasthan	School of Applied Sciences	2017-18	1 Year

16	Design of ovicidal and larvicidal formulation from <i>Canthium rheedi</i> DC.	Dr. Sarmad Moin	DST Rajasthan	School of Applied Sciences	2017-18	1 Year
17	Antidiabetic activity of naturally occurring compounds present in <i>Plumeria alba</i> .	Dr. Mohammad Irfan Ali	DST Rajasthan	School of Applied Sciences	2017-18	1 Year
18	Workshop on Biotechnology, Nanotechnology, and Environmental Science	Dr. Gaurav Sharma	DST Rajasthan	School of Applied Sciences	2017-18	8 Days
19	Workshop for Awareness of IPR	Dr. T.K. Jain	DST Rajasthan	International School of Buisness Management	2017-18	8 Days