



MANIPAL UNIVERSITY JAIPUR
School of Civil and Chemical Engineering
Department of Chemical Engineering

Research/Consultancy Projects

Title of the project	Duration	Funding Agency	Principal Investigator PI/Co-PI	Amount (INR)	Status
Conversion of urban solid waste at distributed level into value added products	3 Years	DST India	Dr. Abhishek Sharma (PI) Dr. Harsh Pandey (Co-PI)	70,26,000	Ongoing
Municipal Solid Waste Conversion to Fuel and Energy	3 Year	BEIL, India	Dr. Abhishek Sharma	46,60,000	Ongoing
Upgradation of tyre pyrolysis products into value added chemicals (Phase II)	1 year	Shantol Green India Pvt. Ltd, India	Dr. Abhishek Sharma	37,40,000	Completed
Integrated Technologies for economically sustainable bio-based energy	1 Year	Curtin University, Australia	Dr. Abhishek Sharma	7,50,000	Completed
High internal phase emulsions as templates for making water-dispersible hollow microspheres with hydrophobic pore internals for prolonged release of fragrance molecules	3 Years	DST-SERB	Dr. Anees A. Khan	31,19,000	Ongoing
High Internal phase emulsion as templates for macroporous	2 years	Enhanced endowment seed grant (MUJ)	Dr. Anees A. Khan	2,50,000	Ongoing



monoliths with tunable pore architecture for applications in catalysis					
Removal of Nitrate from water by low cost adsorbent	3 Years	Enhanced endowment seed grant (MUJ)	Dr. Manisha Sharma	2,90,000	Ongoing
Manipulation and separation of rigid and flexible objects in microfluidic channels, by application of fluid flows and electric fields	2 years	Enhanced endowment seed grant (MUJ)	Dr. Harsh Pandey	3,00,000	Ongoing
Biosolids upgradation for generating energy and fertilizers using technological integration	3 years	Inch Enviro Technologies Pvt. Ltd.	Dr. Abhishek Sharma	23,15,000	Ongoing
Sequential adsorption of mixture of dyes in a multibed adsorption system using a low-cost adsorbent	3 years	SERB	Dr. Manisha Sharma	27,50,814	Ongoing

Consultancy Projects

Grant/Consultancy	Principal Investigator	Funding Agency	Amount	Status
Designing of fluidized bed calciner for gypsum conversion to POP	Dr. Abhishek Sharma	Saint Gobain, India	INR 5,00,000	Completed
Estimation of diesel losses from storage tanks	Dr. Abhishek Sharma	Price Water House Coopers, Australia	AUD 10,000	Completed



Upgradation of tyre pyrolysis products into value added chemicals (Phase I)	Dr. Abhishek Sharma	Shantol Green India Pvt. Ltd, India	INR 5,00,000	Completed
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