

Department of Petrochemical Technology

Research & Consultancy Projects

Sr.No.	Type of Project	Type & Title of the Project	Principal Investigator	Funding Agency	Cost of Project/ Funding Fetched	Duration (Status)
1	Research Project	Reduction of Fuel Consumption in Gasoline Engine	Dr. G.M Deshmukh	R.T.M Nagpur University	INR 3,00,000/-	2015-2017 (Completed)
2	Research Project	Structural Modification of Non-Edible Oils: Synthesis & Applications	Dr. A. J. Agrawal	R.T.M Nagpur University	INR 3,00,000/-	2016-2018 (Completed)
3	Consultancy Project	Synthesis of Activated Carbon from Bamboo & its Industrial Applications	Dr. A. J. Agrawal	Maharashtra Bamboo Development Board	INR 25,00,000/-	2019-2020 (Completed)
4	Consultancy Project	Testing of Bio-Oil Extracted from Bamboo and Its Upgradation	Dr. A. J. Agrawal	Maharashtra Bamboo Development Board	INR 50,000/-	2019 (Completed)
5	Consultancy Project	Extraction of Fibres from Bamboo & Value Addition of Bamboo Charcoal	Dr. A. J. Agrawal	Maharashtra Bamboo Development Board	INR 2,00,000/-	2020 (Completed)
6	Consultancy Project	Installation of Commercial Bamboo Carbonization Furnace in TATR region	Dr. A. J. Agrawal	Maharashtra Bamboo Development Board	INR 5,00,000/-	2020 (Completed)
7	Consultancy Project	Application of Carbon Nano Tubes for Lead Acid Batteries & Paint Industries.	Dr. A. J. Agrawal	Automation Manifold	INR 2,00,000/-	2023 (Ongoing)

				Services Pvt. Ltd.		
8	Consultancy Project	Biofuel testing, Validation and Consultancy for Refinement	Dr. G.M Deshmukh	Foto Chem Tech Pvt., Limited, Nagpur	INR 2,00,000/-	29 th November 2022
Total INR					INR 42,50,000/-	

Dr. A. J. Agrawal is hired as a consultant for an International MoU signed between the Institute and the Australian Company VTARA Energies Pvt. Ltd. for setting up the Compressed Biogas Synthesis Biorefinery from Bamboo Biomass at Ner and Mul in Yavatmal District.