

Lakshmi Narain College of Technology, Bhopal (M.P.)

Mechanical Engg. 8th Semester IV Year

(May 2024)

List of Major Project (ME 805)

S.No.	Date	Project Name	Project Guide Name	Enrollment No.	Project Submitted By	Relevanceto POs/PSOs	Relevance with SDG Goal
627/1	4/5/2024	Braking analysis and assembly of pneumatic resistance system of an All terrain Vehicle	Dr. Arun Wamankar	0103ME201025	GOURAV MEHTO	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201008	ANIRUDDH SHARMA		
628/2	11/5/2024	Design, assembly, analysis and manufacturing of rollcage of an All Terrain Vehicle	Dr. Arun Wamankar	0103ME201009	ANSH JAIN	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201010	ANUJ KRISHNA		
				0103ME201024	ESHANN AGRAWAL		
629/3	11/5/2024	Design and Development of Suspension and Steering System of All Terrain Vehicle.	Dr. Arun Wamankar	0103ME201011	ANURAG NAIR	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201054	SACHI NASHINE		
				0103ME201001	Aaditya Jadhav		
				0103ME201064	SOUMIK SADH		
630/4	18/5/2024	Object detection system for blind people	Dr. Shankar Kumar	0103ME201002	AARADHYA PARANJPE	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201055	SANATAN JAIN		
				0103ME201071	UTKARSH RATHORE		
				0103ME201003	Aditya Pathak		
631/5	5/6/2024	Energy audit for government building	Dr. Vipin Shrivastava	0103ME201051	RAKESH KUMAR SAH	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG7: Affordable and Clean Energy, SDG8: Decent Work and Economic Growth
				0103ME213D02	ANUBHAV KUMAR		
				0103ME213D05	SHASHI PRASAD BARMIA		
				0103ME213D06	VANSH RAJ		
632/6	5/6/2024	Polyformer (3d Printer filament)	Prof Sachidanand	0103ME201073	VEDANT SHRIVASTAVA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201075	YOGESH SINGH		
633/7	5/6/2024	Hospital Bed Roller and Lifter Mechanism	Dr. Neeraj Dubey	0103ME201018	AYUSH GALPHAT	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201015	ARYAN CHATURVEDI		
634/8	5/6/2024	Automated Solar Drier	Dr. Yogesh Dewang	0103ME201005	Aditya Tripathi	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	GOAL 9: SDG9Industry, Innovation and Infrastructure GOAL 10: SDG10Reduced Inequality GOAL 11: SDG11 Sustainable
				0103ME201046	Priyansh Pandey		
				0103ME201021	BISHWAJEET MANDAL		
				0103ME201048	RAHUL PAWAR		
635/9	5/6/2024	Rocker Bogie	Prof. Sachidanand	0103ME201069	TUSHAR SHUKLA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201060	SHOBHIT SONI		
				0103ME201053	RAVI SHANKAR SHUKLA		
636/10	5/6/2024	DESIGN AND FABRICATION OF MINI-CONVEYOR USING GENEVA MECHANISM	Dr. Vikas Thakur	0103ME201034	MRIDUL CHANDRAVANSHI	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201039	OM PRAKASH		
				0103ME201004	ADITYA RAJ		
				0103ME201035	NAVEEN JAISWAL		
637/11	5/6/2024	Regenerative braking system	Prof. Deeno pawar	0103ME213D01	AJIT KUMAR MISHRA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME213D07	VIVEK CHOUHAN		
				0103ME213D03	RAKESH PUNDE		
638/12	5/6/2024	Study on AI Ternatives of stubble burning and wheat straw reinforced compasite	Dr. Neeraj Dubey	0103ME201012	ANURAG SAHU	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201026	HEMANT RAGHUWANSHI		
				0103ME201027	HRITIK CHOURASIYA		
				0103ME201043	PRANJAL BATHAM		
639/13	5/6/2024	Automatic Solar Tracker	Prof. Rajeev Shrivasta	0103ME201059	SHIVANG PIPERSANIYA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	Economic Growth SDG9Industry, Innovation and Infrastructure SDG10Reduced Inequality
				0103ME201074	VINAYAK MISHRA		
				0103ME201038	NIRAJ KUMAR		
640/14	5/6/2024	Vehicle pollution Detector through SMS	Dr. R G Patil	0103ME201063	SHYAM SUNDER SINGH	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11.	SDG4: Quality Education, SDG8: Decent Work and Economic Growth.
				0103ME201032	MOHIT THUKRELE		
				0103ME201031	Mohammed Ayan		

				0103ME201016	Ashok kushwah	PO12/PSO1,PSO2,PSO3, PSO4	SDG9: Industry, Innovation and Infrastructure
641/15	6/6/2024	Development & Mechanical Property of Epoxy Resim Reinforced Saree Sheet	Dr. Neeraj Dubey	0103ME201007	AMAN RICHHARIYA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11, PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201028	JAI KISHAN RAI		
				0103ME201041	PARTH SHARMA		
				0103ME201029	KANTIRAJ THAKRE		

642/16	6/6/2024	Design and fabrication of pneumatic bearing puller	Prof. K. K. Thakur	0103ME201058	SHIDDEEK KHAN	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201072	VAIBHAV SHARMA		
				0103ME201067	SUSHANT KUMAR SONI		
				0103ME201056	Shantanu Singh		
643/17	6/6/2024	Beach cleaning robot with solar tracker	Dr. Vikas Thakur	0103ME201006	ABHAY MISHRA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure SDG11 Sustainable Cities and
				0103ME201070	UJJWAL MAHAJAN		
				0103ME201033	Mradul Dubey		
				0103ME201045	PREM MINOCHA		
644/18	6/6/2024	Pipe Hydro Turbine Generator	Prof Amit P. Singh	0103ME201013	ANURAG SHARMA	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG8 Decent work and Economic Growth SDG9Industry, Innovation and Infrastructure SDG11 Sustainable Cities and
				0103ME201057	SHASHANK SHEKHAR		
				0103ME201066	SURESH KUMAR YADAV		
				0103ME201052	RANJAN KUMAR		
645/19	6/6/2024	SMART VERTICAL AXIS HIGHWAY WIND TURBINE	Dr. Neeraj Dubey	0103ME201049	RAHUL ROY	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG8 Decent work and Economic Growth SDG9Industry, Innovation and Infrastructure SDG11 Sustainable Cities and
				0103ME201040	PANKAJ YADAV		
				0176ME201006	Ayush Kumar Pandey		
				0103ME201017	ATUL VISHWAKARMA		
646/20	6/6/2024	Mini Drilling Machine	Dr. Neeraj Dubey	0103ME201014	Arvind Kumar Saraswat	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201030	Krishna Abhishek		
				0103ME201036	Navlesh Kumar		
647/21	6/6/2024	Hydraulic Flood Protection System for homes	Dr. Vipin Shrivastava	0103ME201019	Ayush Kumar Dungdung	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201061	Shrijal Tiwari		
				0103ME201068	Syed Hasan Ali		

Outcome: The major project helps students to develop technical knowledge, practical skills, problem-solving abilities, and professional competencies.

Impact Analysis of Major Project

- 1.The students gained practical knowledge
- 2.The students developed communication skills
3. The students developed their leadership skill by working in team.

Conclusion:

The **Major Project** acts as a bridge between academic learning and professional practice. It transforms students from knowledge receivers into **problem solvers, innovators, researchers, team members, and future professionals/entrepreneurs**.