

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

Mechanical Engg. 8th Semester IV Year

(May 2024)

List of Major Project II (ME 805)

S.No.	Date	Project Name	Project Guide Name	Enrollment No.	Project Submitted By	Relevanceto POs/PSOs	Selection of Relevant Industry Based Project	Literature Survey	Methodology	Quality of Project	Quality of Report Writing	Quality Presentation	Total	Marks
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	3	3	3	3	3	3	30	30
				0103ME201008	ANIRUDDH SHARMA		3	3	3	3	3	2.5	29	29
													0	
													0	
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	3	3	3	3	3	3	30	30
				0103ME201010	ANUJ KRISHNA		3	3	3	3	3	2.5	29	29
				0103ME201024	ESHANN AGRAWAL		3	3	3	3	3	2.5	29	29
													0	
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	3	3	3	3	3	2.5	29	29
				0103ME201054	SACHI NASHINE		3	3	3	3	3	2.5	29	29
				0103ME201001	Aaditya Jadhav		3	2	3	3	3	3	28	28
				0103ME201064	SOUMIK SADH		3	3	3	3	3	2.5	29	29
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	3	2	3	3	3	3	28	28
				0103ME201055	SANATAN JAIN		3	3	3	3	3	2.5	29	29
				0103ME201071	UTKARSH RATHORE		3	3	3	3	3	2.5	29	29
				0103ME201003	Aditya Pathak		3	3	3	3	3	2.5	29	29
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	3	3	3	3	3	2.5	29	29
				0103ME213D02	ANUBHAV KUMAR		3	3	3	3	3	3	30	30
				0103ME213D05	SHASHI PRASAD BARMA		3	3	3	3	3	2.5	29	29
				0103ME213D06	VANSH RAJ		3	3	3	3	3	2.5	29	29
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	3	3	3	3	3	2.5	29	29
				0103ME201075	YOGESH SINGH		3	3	3	3	3	2.5	29	29
													0	
													0	
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	3	3	3	3	3	2.5	29	29
				0103ME201015	ARYAN CHATURVEDI		3	3	3	3	3	2.5	29	29
													0	
													0	
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	3	3	3	3	3	2.5	29	29
				0103ME201046	Priyansh Pandey		3	3	3	3	3	2.5	29	29
				0103ME201021	BISHWAJEET MANDAL		3	3	3	3	3	3	30	30
				0103ME201048	RAHUL PAWAR		3	3	3	3	3	2.5	29	29
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	3	3	3	3	3	2.5	29	29
				0103ME201060	SHOBHIT SONI		3	2	3	3	3	3	28	28
				0103ME201053	RAVI SHANKAR SHUKLA		3	3	3	3	3	2.5	29	29
													0	
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	3	2	3	3	3	3	28	28
				0103ME201039	OM PRAKASH		3	3	3	3	3	2.5	29	29
				0103ME201004	ADITYA RAJ		3	3	3	3	3	2.5	29	29
				0103ME201035	NAVEEN JAISWAL		3	3	3	3	3	2.5	29	29
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	3	3	3	3	3	2.5	29	29
				0103ME213D07	VIVEK CHOUDHAN		3	2	3	3	3	3	28	28
				0103ME213D03	RAKESH PUNDE		3	3	3	3	3	3	30	30
													0	
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	3	3	3	3	3	3	30	30
				0103ME201026	HEMANT RAGHUWANSHI		3	3	3	3	3	2.5	29	29
				0103ME201027	HRITIK CHOURASIYA		3	3	3	3	3	2.5	29	29
				0103ME201043	PRANJAL BATHAM		3	3	3	3	3	2.5	29	29
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	3	3	3	3	3	2.5	29	29
				0103ME201074	VINAYAK MISHRA		3	3	3	3	3	2.5	29	29
				0103ME201038	NIRAJ KUMAR		3	3	3	3	3	2.5	29	29
													0	
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,PO12/PSO1,PSO2,PSO3, PSO4	3	3	3	3	3	2.5	29	29
				0103ME201032	MOHIT THUKRELE		3	3	3	3	3	2.5	29	29
				0103ME201031	Mohammed Ayan		3	2	3	3	3	3	28	28
				0103ME201016	Ashok kushwah		3	3	3	3	3	2.5	29	29
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	3	3	3	3	3	2.5	29	29
				0103ME201028	JAI KISHAN RAI		3	3	3	3	3	3	30	30
				0103ME201041	PARTH SHARMA		3	3	3	3	3	2.5	29	29
				0103ME201029	KANTIRAJ THAKRE		3	3	3	3	3	3	30	30

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	3	3	3	3	3	2.5	29	29
				0103ME201072	VAIBHAV SHARMA		3	3	3	3	3	2.5	29	29
				0103ME201067	SUSHANT KUMAR SONI		3	3	3	3	3	2.5	29	29
				0103ME201056	Shantanu Singh		3	3	3	3	3	3	30	30
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	3	3	3	3	3	2.5	29	29
				0103ME201070	UJJWAL MAHAJAN		3	3	3	3	3	2.5	29	29
				0103ME201033	Mradul Dubey		3	3	3	3	3	2.5	29	29
				0103ME201045	PREM MINOCHA		3	2	3	3	3	3	28	28
				0103ME201013	ANURAG SHARMA		3	3	3	3	3	2.5	29	29
644/18	6/6/2024	Pipe Hydro Turbine Generator	Prof Amit P. Singh	0103ME201057	SHASHANK SHEKHAR	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3,PSO4	3	3	3	3	3	3	30	30
				0103ME201066	SURESH KUMAR YADAV		3	3	3	3	3	2.5	29	29
				0103ME201052	RANJAN KUMAR		3	3	3	3	3	2.5	29	29
													0	
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	3	3	3	3	3	2.5	29	29
				0103ME201040	PANKAJ YADAV		3	3	3	3	3	2.5	29	29
				0176ME201006	Ayush Kumar Pandey		3	3	3	3	3	2.5	29	29
				0103ME201017	ATUL VISHWAKARMA		3	3	3	3	3	2.5	29	29
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	3	2	3	3	3	3	28	28
				0103ME201030	Krishna Abhishek		3	2	3	3	3	3	28	28
				0103ME201036	Navlesh Kumar		3	3	3	3	3	2.5	29	29
647/21	6/6/2024	Hydraulic Flood Protection System for homes	Dr. Vipin Shrivastava			PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3,PSO4							0	
				0103ME201019	Ayush Kumar Dungdung								0	
				0103ME201061	Shrijal Tiwari		3	3	3	3	3	2.5	29	29
				0103ME201068	Syed Hasan Ali		3	2	3	3	3	3	28	28
													0	

Marks Conversion factor: ((Selection of Relevant Industry Based Project+Literature Survey+Methodology+Quality of Project+Quality of Report Writing+Quality Presentation)*10)/6+ Attendance Marks out of 20

OutCome:

Major Project-I provides an important foundation for the successful completion of the final-year engineering project. It enables students to identify and analyse real-world engineering problems, conduct literature surveys, formulate suitable methodologies, and apply engineering knowledge to develop feasible solutions. The project enhances students' technical, analytical, design, teamwork, communication, and project-management skills. It also promotes consideration of sustainability, safety, ethics, cost, and societal requirements in engineering decision-making.

Impact:					
1 Enhances	practical application of theoretical knowledge.				
2 Improves	problem-solving and analytical thinking abilities.				
3 Develops	design and innovation capabilities.				
4 Exposure	to real-world engineering problems and industrial practices.				
5 Improves	teamwork, leadership, and interpersonal skills.				
6 Strengthens	technical communication and presentation skills.				
7 Understanding	of project planning, cost estimation, scheduling, and resource management.				
8 Encourages	students to use modern engineering tools and technologies.				
9 Builds	confidence for undertaking Major Project-II, internships, higher studies, research				
10 Develops	the ability to work independently and promotes lifelong learning				
Conclusion:					
Students become better prepared for Project, industry, research, higher studies and entrepreneurship					