

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	#####	Braking analysis and assembly of pneumatic resistance system of an All terrain Vehicle	Dr. Arun Wamankar	0103ME201025 0103ME201008	GOURAV MEHTO ANIRUDDH SHARMA	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
628/2	#####	Design, assembly, analysis and manufacturing of rollcage of an All Terrain Vehicle	Dr. Arun Wamankar	0103ME201009 0103ME201010 0103ME201024	ANSH JAIN ANUJ KRISHNA ESHANN AGRAWAL	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
629/3	#####	Design and Development of Suspension and Steering System of All Terrain Vehicle.	Dr. Arun Wamankar	0103ME201011 0103ME201054 0103ME201001	ANURAG NAIR SACHI NASHINE Aaditya Jadhav	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
630/4	18/5/2024	Object detection system for blind people	Dr. Shankar Kumar	0103ME201002 0103ME201055 0103ME201071 0103ME201003	AARADHYA PARANJPE SANATAN JAIN UTKARSH RATHORE Aditya Pathak	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
631/5	#####	Energy audit for government building	Dr. Vipin Shrivastava	0103ME201051 0103ME213D02 0103ME213D05 0103ME213D06	RAKESH KUMAR SAH ANUBHAV KUMAR SHASHI PRASAD BARMA VANSH RAJ	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG7: Affordable and Clean Energy, SDG8: Decent Work and
632/6	#####	Polyformer (3d Printer filament)	Prof Sachidanand	0103ME201073 0103ME201075	VEDANT SHRIVASTAVA YOGESH SINGH	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
633/7	#####	Hospital Bed Roller and Lifter Mechanism	Dr. Neeraj Dubey	0103ME201018 0103ME201015	AYUSH GALPHAT ARYAN CHATURVEDI	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
634/8	#####	Automated Solar Drier	Dr. Yogesh Dewang	0103ME201005 0103ME201046 0103ME201021 0103ME201048	Aditya Tripathi Priyansh Pandey BISHWAJEET MANDAL RAHUL PAWAR	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	GOAL 4: SDG4Quality Education GOAL 7: SDG7Affordable and Clean Energy GOAL 8:SDG8 Decent Work and
635/9	#####	Rocker Bogie	Prof. Sachidanand	0103ME201069 0103ME201060 0103ME201053	TUSHAR SHUKLA SHOBHIT SONI RAVI SHANKAR SHUKLA	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
636/10	#####	DESIGN AND FABRICATION OF MINI-CONVEYOR USING GENEVA MECHANISM	Dr. Vikas Thakur	0103ME201034 0103ME201039 0103ME201004 0103ME201035	MRIDUL CHANDRAVANSHI OM PRAKASH ADITYA RAJ NAVEEN JAISWAL	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
637/11	#####	Regenerative braking system	Prof. Deeno pawar	0103ME213D01 0103ME213D07 0103ME213D03	AJIT KUMAR MISHRA VIVEK CHOUHAN RAKESH PUNDE	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
638/12	#####	Study on Al Ternatives of stubble burning and wheat straw reinforced compasite	Dr. Neeraj Dubey	0103ME201012 0103ME201026 0103ME201027 0103ME201043	ANURAG SAHU HEMANT RAGHUWANSHI HRITIK CHOURASIYA PRANJAL BATHAM	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
639/13	#####	Automatic Solar Tracker	Prof. Rajeev Shrivasta	0103ME201059 0103ME201074 0103ME201038	SHIVANG PIPERSANIYA VINAYAK MISHRA NIRAJ KUMAR	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4Quality Education SDG7Affordable and Clean Energy SDG8 Decent Work and
640/14	#####	Vehicle pollution Detector through SMS	Dr. R G Patil	0103ME201063 0103ME201032 0103ME201031 0103ME201016	SHYAM SUNDER SINGH MOHIT THUKRELE Mohammed Ayan Ashok kushwah	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
641/15	#####	Development & Mechanical Property of Epoxy Resim Reinforced Saree Sheet	Dr. Neeraj Dubey	0103ME201007 0103ME201028 0103ME201041	AMAN RICHHARIYA JAI KISHAN RAI PARTH SHARMA	PO1,PO2,PO3,PO4,PO5,PO6,P07,P08,P09,PO10,PO11,	SDG4: Quality Education, SDG8: Decent Work and Economic Growth,

0103ME201029	KANTIRAJ THAKRE	PO12/PSO1,PSO2,PSO3, PSO4	SDG9: Industry, Innovation and Infrastructure
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642/16	#####	Design and fabrication of pneumatic bearing puller	Prof. K. K. Thakur	0103ME201058	SHIDDEEK KHAN	PO1,PO2,PO3,PO4,PO5,PO6,P 07,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	#####	Beach cleaning robot with solar tracker	Dr. Vikas Thakur	0103ME201006	ABHAY MISHRA	PO1,PO2,PO3,PO4,PO5,PO6,P 07,PO8,PO9,PO10,PO11, PO12/PSO1,PSO2,PSO3, PSO4	SDG4Quality Education SDG7Affordable and Clean Energy SDG8 Decent Work and Economic Growth
				0103ME201070	UJJWAL MAHAJAN		
				0103ME201033	Mradul Dubey		
				0103ME201045	PREM MINOCHA		
644/18	#####	Pipe Hydro Turbine Generator	Prof Amit P. Singh	0103ME201013	ANURAG SHARMA	PO1,PO2,PO3,PO4,PO5,PO6,P 07,PO8,PO9,PO10,PO11, PO12/PSO1,PSO2,PSO3, PSO4	SDG4Quality Education SDG7Affordable and Clean Energy SDG8 Decent Work and Economic Growth
				0103ME201057	SHASHANK SHEKHAR		
				0103ME201066	SURESH KUMAR YADAV		
				0103ME201052	RANJAN KUMAR		
645/19	#####	SMART VERTICAL AXIS HIGHWAY WIND TURBINE	Dr. Neeraj Dubey	0103ME201049	RAHUL ROY	PO1,PO2,PO3,PO4,PO5,PO6,P 07,PO8,PO9,PO10,PO11, PO12/PSO1,PSO2,PSO3, PSO4	SDG4Quality Education SDG7Affordable and Clean Energy SDG8 Decent Work and Economic Growth
				0103ME201040	PANKAJ YADAV		
				0176ME201006	Ayush Kumar Pandey		
				0103ME201017	ATUL VISHWAKARMA		
646/20	#####	Mini Drilling Machine	Dr. Neeraj Dubey	0103ME201014	Arvind Kumar Saraswat	PO1,PO2,PO3,PO4,PO5,PO6,P 07,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	#####	Hydraulic Flood Protection System for homes	Dr. Vipin Shrivastava	0103ME201019	Ayush Kumar Dungdung	PO1,PO2,PO3,PO4,PO5,PO6,P 07,PO8,PO9,PO10,PO11, PO12/PSO1,PSO2,PSO3, PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				0103ME201061	Shrijaal 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,**