

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

Mechanical Engg. 8th Semester IV Year

(May 2023)

List of Major Project (ME 805)

S.No.	Date	Project Name	Project Guide Name	Project Submitted By	Relevance to POs /PSOs	Relevance with SDG Goal
590/1	05-11-2023	Solar Air Conditioner Using Peltier Module	Dr. Vipin Shrivastava	1.Saurav Kumar Pnndey (0103ME191122) 2. Shanuiya Mishra (0103ME191124) 3. Shubham Arya (0103ME191129) 4. Shubhankar Patel (0103ME191130)	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, SDG9: Industry, Innovation and Infrastructure, SDG11: Sustainable Cities and Communities, SDG13: Climate Action
591/2	05-11-2023	Solar Water Purifier	Dr. Vipin Shrivastava	1. Abhishek Surve (0103ME191002) 2.Akash Singh (0103ME191012) 3.Aniket Mujumdar (0103ME191027) 4. Prakhar Srivastava (0103ME181087)	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, SDG9: Industry, Innovation and Infrastructure
592/3	05-11-2023	Regerative Braking and Battery Protection	Dr. Vipin Shrivastava	1. Sabyasachi (0103ME191116) 2. Mohammad Fardeen (01403ME191084) 3. Ravdeep Singh (0103ME191107) 4. Vaidik Pratap Singh (0103ME191147)	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
593/4	05-11-2023	Vertical Axis Wind Turbine	Prof. Deenoo Pawar	1. Sahil Kumar (0103ME191118) 2. Sourabh Patel (0103ME191131) 3. Sukhendu Mandal (0103ME191135) 4. Vinay Kumar (0103ME191151)	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, SDG9: Industry, Innovation and Infrastructure
594/5	05-11-2023	E-3 Air Purifier	Dr. Vipin Shrivastava	1. Manas Shrivastava (0103ME191078) 2. Maman Lavhate (0103ME191077) 3. Naman patel (0103ME191088) 4. Alka Kumari (0103ME191016)	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8 PO9,PO10,PO11, PO12 /PSO1,PSO2,PSO3,PSO4	SDG4: Quality Education, SDG6: Clean Water and Sanitation SDG7: Affordable and Clean Energy, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure, SDG11: Sustainable Cities and Communities, SDG13: Climate Action
595/6	05-11-2023	Solar Water Heater System	Dr. Vipin Shrivastava	1.Saurav Kumar (0103ME191121) 2. Ridhikesh Kumar (0103ME191109) 3.Rishu Raj (0103ME191110) 4. Vipul Raj (0103ME191152)	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, SDG9: Industry, Innovation and Infrastructure
596/7	05-11-2023	Improving Efficiency of Solar Tracking Sysytem	Dr. Neeraj Dubey	1. Aditya Shukla (0103ME191007) 2. Aditya Sisodi (0103ME191009) 3. Anuj Gogia (0103ME191037) 4. Hrishabh Raikwar (0103ME191068)	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, SDG9: Industry, Innovation and Infrastructure
597/8	05-11-2023	Design and Construction of Suspension System of ATV for Baja	Dr. Neeraj Dubey	1. Abhishek Jog (0103ME203D01) 2. Shourabh Jain (0103ME191128) 3. Utkarsh Shrivastava 9 0103ME191145	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
598/9	05-11-2023	Design & Manufacturing of Adaptive Suspendesign and Development of Independent Suspension System of All-Terrain Vehicle	Dr. Neeraj Dubey	1. Prakhar Upadhyay (0103ME191096) 2. Ashutosh Mishra (0103ME191042) 3. Animesh Jain (0103ME191028)	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
599/10	05-11-2023	Design and Fabrication of Automatic paper cutting Device using Geneva Mechanism	Dr. Neeraj Dubey	1. Fahrukh Khan (0103ME191058) 2. Faraz Uddin (0103ME191059)	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
600/11	05-11-2023	Electric Robo ARM	Dr. Shailendra Dwivedi	1.Aditya Sahu (0103ME191008) 2. Akshat Tiwari (0103ME191014) 3. Pranay Sakre (0103ME191098) 4. Amandeep Singh (0103ME191018)	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
601/12	05-11-2023	DROBO	Dr. Shailendra Dwivedi	1. Amesh Yadav (0103ME191024) 2.Balveer Singh Pawar (0103ME191050) 3. Govindpreet Singh (0103ME191061) 4. Harsh kumar Ahirwar (0103ME191062)	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
602/13	05-11-2023	FEA of ATV Chassis and Subsystem Components	Dr. Shailendra Dwivedi	1.Om Tiwari (0103ME191093) 2. Aditya Gupta (0103ME191006) 3. Aman Yadav (0103ME191023) 4. Sanskar Gupta (0103ME191120)	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
603/14	05-11-2023	Design and Development of Braking Mechanism	Dr. Shailendra Dwivedi	1. Lov Shrivastava (0103ME191075) 2. Shivansh Bhargava (0103ME191125) 3. Ankit Hanotiya (0103ME191031) 4. Jayesh Saxena (0103ME191072)	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
604/15	05-11-2023	Electromagnetic Piston Engine	Prof. Rajeev Singh Chauhan	1. Ashish Singh Patel (0103ME191040) 2. Prachetash Singh (0103ME191095) 3.Priyanshu Gaurav (0103ME191103) 4. Praveen Raghuvanshi (0103ME191099)	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

605/16	05-11-2023	Kinetic Energy Recovery System	Dr. Neeraj Dubey	1. Anshuman Gupta (0103ME191034) 2. Deepanshu Rathore (0103ME191053) 3. Himanshu Sharma (0103ME191067) 4. Numaan Sheikh (0103ME191092)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
606/17	05-11-2023	Application of Piezoelectric effect in speed Bump Power Generation	Prof. Rajiv Shrivastava	1. Disha Sahu (0103ME203D06) 2. Nilesh Kumar (0103ME191091) 3. Rahul Patidar (0103ME191104) 4. Sandeep Verma (0103ME 203D08)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG6 Clean Water and Sanitation, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure,
607/18	05-11-2023	360 Degree Fire Protection	Prof. Rajeev Singh Chauhan	1. Aishwary Patle (0103ME191011) 2. Akash Singh Bhati (0103ME191013) 3. Aman Tulaskar (0103ME191021) 4. Rudransh Tiwari (0103ME191115)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
608/19	05-11-2023	AWD Gear Box System	Dr. Arun Ku. Wamankar	1. Akshay singh (0103ME191015) 2. Ashish Jangir (0103ME191039) 3. Ishaan Agrawal (0103ME191070) 4. Nikhil Nanware (0103ME191090)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
609/20	05-11-2023	IOT Based Robot	Dr. Arun Ku. Wamankar	1. Eshan Suryavanshi (0103ME191057) 2. Devansh Kumar Singh (m0103ME191054) 3. Nayan Rahangdale (0103ME191089) 4. Bipul Kumar (0103ME191051)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
610/21	05-11-2023	Mini Conveyor using Geneva Mechanism	Prof. Maneesh Dubey	1. Ashutosh Kumar (0103ME191041) 2. Aman Mishra (0103ME 191019) 3. Abhishek Kumar Choudhary (0103ME191001) 4. Ayush Raj (0103ME191045)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
611/22	05-11-2023	Levitating Frictionless Vertical Windmill	Prof. Maneesh Dubey	1. Aditi Agarwal (0103ME191004) 2. Ayush Bhartiya (0103ME191044) 3. Harshita Bele (0103ME 191065) 4. Krishna Shivhare (0103ME191074)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG6 Clean Water and Sanitation, SDG7: Affordable and Clean Energy, SDG8: Decent Work and Economic
612/23	05-11-2023	Camprison Between Hydraulic Braking System and Mechanical Braking System	Dr. Keshav Singh	1. Mohit Shrivastava (01403ME191086) 2. Anmol Kumar (0103ME191033) 3. Himanshu Priyadarshi (0103ME191066) 4. Jay Shankar Mandal (0103ME191071)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
613/24	05-11-2023	Four Wheel Steering System	Dr. R. G. Patil	1. Sunil Kumar (0103ME191137) 2. Raj Singh (0103ME191106) 3. Shivendra Kumar Pandey (0103ME191126) 4. Sumit Kumar Rajak (0103ME 191136)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
614/25	05-11-2023	Regenerative Braking System	Dr. Yogesh Dewang	1. Adarsh Kumar Pandey (0103ME191003) 2. Ayush Yadav (0103ME191048) 3. Udit Singh Tomar (0103ME191142) 4. Krishna Kumar Shukla (0103ME191073)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
615/26	05-11-2023	Automatic Rain Operated Wiper	Dr. Shankar Kumar	1. Prembeer Singh (0103ME191101) 2. Priyansh Seth (0103ME191102) 3. Tanmay Rajput (0103ME191140) 4. Utkarsh Gupta (0103ME191144)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
616/27	05-11-2023	Hybrid Footstep Power System	Prof. A. P. S. Bhadoriya	1. Vivek kumar Sharma (0103ME203D09) 2. Aman Kumar (0103ME203D03) 3. Vivek Pawar (0103ME191153) 4. Uttkarsh Kumar (0103ME191146)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
617/28	05-11-2023	Smart Irrigation System	Prof. A. P. S. Bhadoriya	1. Shiwansh Choudhary (0103ME191127) 2. Tarun Sharma (0103ME191141) 3. Vidhu Shrivastava (0103ME191149) 4. Vatsal Phillips (0103ME191148)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG6: Clean Water and Sanitation SDG7: Affordable and Clean Energy, SDG8: Decent Work and Economic
618/29	05-11-2023	Fire Fighting Robot	Prof. K. K. Thakur	1. Harsh Lal (0103ME191063) 2. Anish Raj (0103ME191029) 3. Ayush Shrivastava (0103ME191046) 4. Deepak Kumar (0103ME 191052)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
619/30	05-11-2023	Mini Hacksaw	Prof. A. P. S. Bhadoriya	1. Om Prakash Singh (0103ME203D07) 2. Gaurav Kumar (0103ME203D05) 3. Aditya Shrivastava (0103ME203D02) 4. Darshan Wagh (0103ME203D04)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
620/31	05-11-2023	Automatic Side Bike Stand	Dr. Shashi Ranjan Mohan	1. Ayush Agrawal (0103ME191043) 2. Ankit Doharen (0103ME191030) 3. Ayush Singh Kushwah (0103ME191047) 4. Prayagraj Tiwari (0103ME191100)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
621/32	05-11-2023	Mini Belt Sander Machine	Prof. Sachchida Nand	1. Prakhar Verma (0103ME191097) 2. Robin Singh Rajput (0103ME191112) 3. Rohit Kumar Rajak (0103ME 191113) 4. Sagar Sinha (0103ME 191117)	P01,P02,P03,P04,P05,P06,P07,P08 P09,P010,P011, P012 /PS01,PS02,PS03,PS04	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure

622/33	05-11-2023	Gravity Power Generation Mechanism	Prof. Sachchida Nand	1. Mallick Mohd Perwez mosharrat (0103ME191076)	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8 PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4: Quality Education, SDG8: Decent Work and Economic Growth, SDG9: Industry, Innovation and Infrastructure
				2. Naman Bhargava (0103ME191087)		
623/34	05-11-2023	Screening Machine	Prof. Maneesh Dubey	1. Anuj Giri Goswami (0103ME191036)	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
				2. Michelle Verma Mahto (0103ME191082)		
				3. Milan Parkhe (0103ME191083)		
624/35	05-11-2023	Prototype Pick and Place Robotic Car for Light Weight Application	Dr. Shankar kumar	4. Ritik Kumar Gupta (0103ME191111)	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
				1. Almas Khan 9 0103ME191071		
				2. Aman Tiwari (0103ME191020)		
625/36	05-11-2023	Electricity Generation by speed Breaker	Dr. V. N. Bartaria	3. Dhirendra Singh Gaur (0103ME191056)	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
				4. Piyush Tiwari (0103ME191094)		
				1. Shalabh Mishra (0103ME191123)		
626/37	05-11-2023	Thermo Electro Refrigeration	Dr. Shashi Ranjan Mohan	2. Ujjawal Gupta (0103ME191143)	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
				3. Anujrah Pandey (0103ME191035)		
				4. Arijun Garewal (0103ME191038)		
				1. Manu Hathiya (0103ME191080)	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
				2. Ankit John Xalxo (0103ME191032)		

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.