

Lakshmi Narain College of Technology Bhopal, M.P.						
Roll List of B.Tech.- ME 7th Sem 4 th Year - LNCT (Dec. 2024)						
Project Group No.	Name of Students	Enrollment	Guide Name	Project Title	Relevanceto POs/PSOs	Relevance with SDG Goal
1	ARNAV JHA	0103ME211009	Dr. Neeraj Dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure
	ASHISH KUMAR SAHU	0103ME211011				
	SHUBHAM KUSHWAHA	0103ME211028				
	SHUBHROSHANKAR MITTRA	0103ME211029				
2	ABHISHEK YADAV	0103ME211003	Dr. Arun K Wamankar	Design and development of hydraulic braking system for ATV	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG6 Clean Water and Sanitation SDG8 Decent Work and Economic Growth
	ACHALA MISHRA	0103ME211004				
	RAKESH KUMAR SAH	0103ME211024				
3	MOHAMMED AYAN	0103ME201031	Dr. Arun K Wamankar	Vehicle pollution detector with SMS Alert	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure
4	DIVYANSH KUMAR SINGH	0103ME211016	Dr. Arun K Wamankar	DESIGN AND DEVELOPMENT OF INDEPENDENT SUSPENSION SYSTEM OFF ALL TERRAIN	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure
	PRIYANSHU GARG	0103ME211023				
	SUJAAN KHAN	0103ME211031				
5	ANSHUL RAI	0103ME211008	Prof. Sachchida Nand	"Development of a Smart Self-Balancing Robot"	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG8 Decent Work and Economic Growth
	DEVYANSH RAI	0103ME211012				
6	AMBER HARDAHA	0103ME211006	Dr. Arun Kumar Wamankar	Aerodynamics performance of A vehicle using CFD	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure
	DHANESH DABKE	0103ME211014				
	HARSH GUPTA	0103ME211017				
	HIMANSHU SONI	0103ME211019				
7	AMAN KUMAR SINGH	0103ME211005	Dr. R. G. patil	Study and Design of Oil Collector	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure
	ANKIT PANDEY	0103ME211007				
	SHIVA KR SAH	0103ME211026				
	SHIVAM MURARI	0103ME211027				
8	ABHIPRIYE SHUKLA	0103ME211001	Dr. R. K. Pandey and Dr. Neeraj Dubey	Development of Small-scale green hydrogen production unit	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG7Affordable and Clean Energy SDG6 Clean Water and Sanitation
	ARTI THAKUR	0103ME211010				
	RENISHA BHUARYA	0103ME211025				
9	KRATIK CHHALWANT	0103ME211020	Dr. R. K. Pandey and Dr. Neeraj Dubey	Development of Small-scale green hydrogen production unit	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG7Affordable and Clean Energy SDG8 Decent Work and Economic Growth
	MOHD AMANULLAH HASHMI	0103ME211022				
10	ABHISHEK KUMAR	0103ME211002	Dr.Neeraj Dubey	Universal twisting timer	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure
	VEDANT KULSHRESTHA	0103ME211033				
	KOUSHIK RANJAN PAUL	0103ME223002				
	DEWANSH VISHWAKARMA	0901ME211030				

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11	ADITYA PRAKASH SINHA	0103ME223D01	Dr. Neeraj Dubey	Universal twisting timer	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PS 01,PS02,PS03,PS04	SDG4Quality Education SDG8 Decent Work and Economic Growth	
12	DILKHUSH KUMAR	0103ME211015	DR. SHASHI MOHAN RAN	DESIGN AND FABRICATION OF UNIVERSHAL FRACTURAL DEVICE	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PS 01,PS02,PS03,PS04	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure	
	KULDEEP AHIRWAR	0103ME211021					
	SHIVAM KUMAR	0103ME223D03					
13	NIKHIL KUMAR	0103ME201037	Dr. Arun Kumar Wamankar	Battery Charger with Stirling Engine	PO1,PO2,PO3,PO4,PO5,PO 6,PO7,PO8,PO9,PO10,PO11 /PS01,PS02,PS03,PS04	SDG4Quality Education SDG8 Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure	
	PRASHANT KUMAR	0103ME201044					
14	SUJAL PANDOLE	0103ME211032	Prof. Mukesh Ahirwar	Design of automatic motor Bike Stand Slider	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO9,PO10,PO11/PS	SDG4Quality Education SDG8 Decent Work and	
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						