

S. No.	En	Name
1	0103ME211001	ABHIPRIYE SHUKLA
2	0103ME211002	ABHISHEK KUMAR
3	0103ME211003	ABHISHEK YADAV
4	0103ME211004	ACHALA MISHRA
5	0103ME211005	AMAN KUMAR SINGH
6	0103ME211006	AMBER HARDAHA
7	0103ME211007	ANKIT PANDEY
8	0103ME211008	ANSHUL RAI
9	0103ME211009	ARNAVJHA
10	0103ME211010	ARTI THAKUR
11	0103ME211011	ASHISH KUMAR SAHU
12	0103ME211012	DEVYANSH RAI
13	0103ME211014	DHANESH DABKE
14	0103ME211015	DILKHUSH KUMAR
15	0103ME211016	DIVYANSH KUMAR SINGH
16	0103ME211017	HARSH GUPTA
17	0103ME211019	HIMANSHU SONI
18	0103ME211020	KRATIK CHHALWANT
19	0103ME211021	Kudeep Ahirwar
20	0103ME211022	MOHD AMANULLAH HASHMI
21	0103ME211023	PRIYANSHU GARG
22	0103ME211024	RAKESH KUMAR SAH
23	0103ME211025	RENISHA BHUARYA
24	0103ME211026	SHIVA KUMAR SAH
25	0103ME211027	SHIVAM MURARI
26	0103ME211028	SHUBHAM KUSHWAHA
27	0103ME211029	Shubhroshankar Mittra
28	0103ME211031	SUJAAN KHAN

29	0103ME211032	SUJAL PANDOLE
30	0103ME211033	VEDANT KULSHRESHTHA
31	0103ME223D02	KOUSHIK RANJAN PAUL
32	0103ME223D03	SHIVAM KUMAR
33	0157ME211001	AMAN VISHWAKARMA
34	0157ME211002	AMIT KUMAR YADAV
35	0157ME211004	GAURAV SAHU
36	0157ME211005	HARSHIT
37	0157ME211007	SHAMSHER AHMED
38	0157ME211009	UTKARSH
39	0157ME211010	YOGESH CHOURE
40	0157ME223D01	RAHUL KUMAR
41	0157ME223D02	Tushar Kumar Rajak
42	0176ME211001	AMAN KUMAR SHAHI
43	0176ME211002	ASTITVA RAJPUT
44	0176ME211004	swatantra kumar jaiswal
45	0901ME211030	DEWANSH VISHWAKARMA
46	0157ME211003	Arun Shakya

--	--	--

Major Project - II (8

Project Guide Name
DR. NEERAJ DUBEY AND DR. R K PANDEY
Dr. Neeraj Dubey
DR. ARUN WAMANKAR
Dr. Arun K Wamankar
DR.R.G PATIL
DR. ARUN K WAMANKAR
DR RG PATIL
Prof Sachchida Nand
Dr. Neeraj Dubey
Dr.Neeraj Dubey and Rk Pandey
Dr. Neeraj dubey
Prof. Sachchida Nand
Dr. Arun K Wamankar
Dr. Shashi Ranjan Mohan
DR. ARUN K WAMANKAR
Dr.Arun kumar wamankar
Dr. RK PANDEY
Dr Shashi Ranjan mohan
R.K pandey sir
Dr Arun k Wamankar
DR. ARUN WAMANKAR
Neeraj Dubey and R.K. Pandey
Dr. R.G. Patil
Dr.R.G.PATIL
Dr. NEERAJ DUBEY
Dr Neeraj Dubey
Dr. Arun K Wamankar

Mukesh Ahirwar
D4 neeraj dubey
Dr. Neeraj Dubey
DR. SHASHI RANJAN MOHAN
Prof. Sushil Chourey
Prashant Pandey
Prashant Pandey
PRASHANT PANDEY
Prof. Mukesh ahirwar
Prof. Sushil Chourey
MUKESH AHIRWAR
Prashant Pandey
Dr. Sushil Chourey
Prof. Lokesh Sharma
Prof. Lokesh Sharma
Prof. Lokesh Sharma
Dr. Neeraj Dubey
Prof. Sushil Chourey

3 Sem 2025)

Title
SMALL SCALE GREEN HYDROGEN PRODUCTION UNIT
Universal Twisting Timer
DESIGNE AND DEVELOPMENT OF HYDRAULIC BRAKING SYSTEM FOR ATV
Design and development of hydraulic braking system for ATV
OIL COLLECTOR
ALL WHEEL DRIVE gearbox system in ATV
Oil collector
Development of a Smart Self-Balancing Robot
DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
small scale green hydrogen production unit
DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
Development of a Smart Self-Balancing Robot
All wheel drive gearbox system in ATV
DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE MANUFACTURING
POWER GENERATION USING SPEED BREAKER
All wheel drive gearbox system in ATV
All wheel drive gearbox system in ATV
Development of small scale green hydrogen production unit
Design and fabrication of fractural vice with additive manufacturing
Development of small scale green hydrogen production unit
Design and development of independent suspension system of all terrain vehicle
DESIGNE AND DEVELOPMENT OF HYDRAULIC BRAKING SYSTEM FOR ATV
Small Scale green hydrogen Production Unit
Oil Collector
OIL COLLECTOR
DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
DESIGN AND DEVELOPEMENT OF INDEPENDENT SUSPENSION SYSTEM OF ALL-TERRAIN VEHICLE

Automatic motor bike stand
Universal twisting timer
Universal Twisting Timer
DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE
Static Structural Analysis of different design of hinges made of different material
Automatic Plant Watering System
Automatic Plant Watering System
AUTOMATIC PLANT WATERING SYSTEM
Design of automatic bike stand
Design and development of suspension system
"Development of a Smart Self-Balancing Robot"
Automatic Plant Watering System
Static Structural Analysis of Different Designs of Hinges Made of Different Materials.
Static Structural Analysis of Different Designs of Hinges Made of different materials
Static Structural Analysis of Different Design of Hinges Made of Different Materials
Static structural analysis of different designs of Hinges made of different materials
Universal Twisting Timer
Power generation using speed breaker

[illegible]

[illegible]

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

Mechanical Engg. 8th Semester IV Year

(May 2025)

List of Major Project - II (ME 805)

S. No.	Enrollment No	Name	Title	Relevanceto POs/PSOs	Relevance with SDG Goal
1	0103ME211006	AMBER HARDAHA	ALL WHEEL DRIVE gearbox system in ATV	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	0103ME211014	DHANESH DABKE			
3	0103ME211017	HARSH GUPTA			
4	0103ME211019	HIMANSHU SONI			
5	0103ME211031	SUJAAN KHAN	DESIGN AND DEVELOPEMENT OF INDEPENDENT SUSPENSION SYSTEM OF ALL-TERRAIN VEHICLE	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: ndustry, Innovation and Infrastructure
6	0103ME211023	PRIYANSHU GARG			
7	0103ME211016	DIVYANSH KUMAR SINGH			
8	0103ME223D01	Aditya Prakash Sinha			
9	0103ME211009	ARNAVJHA	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,PO12/PSO1,PSO2,PSO3,PSO4	SDG4: Quality Education SDG8: Decent Work and Economic Growth SDG9:ndustry, Innovation and Infrastructure
10	0103ME211011	ASHISH KUMAR SAHU			
11	0103ME211028	SHUBHAM KUSHWAHA			
12	0103ME211029	Shubhroshankar Mittra			
13	0103ME223D03	SHIVAM KUMAR	DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE	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
14	0103ME211015	DILKHUSH KUMAR			
15	0103ME211021	KULDEEP AHIRWAR			
16	0103ME211004	ACHALA MISHRA	Design and development of hydraulic braking system for ATV	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3,PSO4	SDG4:Quality Education SDG6: Clean Water and Sanitation SDG8: Decent Work and Economic Growth SDG9:Industry, Innovation and Infrastructure
17	0103ME211003	ABHISHEK YADAV			
18	0103ME211024	RAKESH KUMAR SAH			
19	0103ME211008	ANSHUL RAI	Development of a Smart Self-Balancing Robot	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 SDG9Industry, Innovation and Infrastructure
20	0103ME211012	DEVYANSH RAI			
21	0103ME211020	KRATIK CHHALWANT	Development of small scale green hydrogen production unit	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11/PSO1,PSO2,PSO3,PSO4	SDG4:Quality Education SDG8: Decent Work and Economic Growth SDG9Industry, Innovation and Infrastructure SDG11 Sustainable Cities and Communities
22	0103ME211022	MOHD AMANULLAH HASHMI			
23	0103ME211005	AMAN KUMAR SINGH	OIL COLLECTOR	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
24	0103ME211007	ANKIT PANDEY			
25	0103ME211026	SHIVA KUMAR SAH			
26	0103ME211027	SHIVAM MURARI			

27	0103ME211002	ABHISHEK KUMAR	Universal Twisting Timer	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
28	0103ME211033	VEDANT KULSHRESHTHA			
29	0103ME223D02	KOUSHIK RANJAN PAUL			
30	0901ME211030	DEWANSI VISHWAKARMA			
31	0103ME211001	ABHIPRIYE SHUKLA	SMALL SCALE GREEN HYDROGEN PRODUCTION UNIT	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3,PSO4	SDG7 Affordable and Clean Energy SDG8 Decent Work and Economic Growth SDG9 Industry, Innovation and Infrastructure SDG11 Sustainable Cities and Communities
32	0103ME211010	ARTI THAKUR			
33	0103ME211025	RENISHA BHUARYA			
34	0103ME211032	Sujal Pandole	Design Automatic motor Bike Stand Slider	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

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

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**.

Major Project - II (8 Sem 2025) ME LNCT, Bhopal

S. No.	Group No.	En	Name	Project Guide Name	Title
1	1	0103ME211006	AMBER HARDAHA	DR. ARUN K WAMANKAR	ALL WHEEL DRIVE gearbox system in ATV
2	1	0103ME211014	DHANESH DABKE	Dr. Arun K Wamankar	All wheel drive gearbox system in ATV
3	1	0103ME211017	HARSH GUPTA	DR. ARUN K WAMANKAR	All wheel drive gearbox system in ATV
4	1	0103ME211019	HIMANSHU SONI	Dr.Arun kumar wamankar	All wheel drive gearbox system in ATV
5	2	0103ME211031	SUJAAN KHAN	Dr. Arun K Wamankar	DESIGN AND DEVELOPEMENT OF INDEPENDENT SUSPENSION SYSTEM OF ALL-TERRAIN VEHICLE
6	2	0103ME211023	PRIYANSHU GARG	Dr Arun k Wamankar	Design and development of independent suspension system of all terrain vehicle
7	3	0103ME211009	ARNAVJHA	Dr. Neeraj Dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
8	3	0103ME211011	ASHISH KUMAR SAHU	Dr. Neeraj dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
9	3	0103ME211028	SHUBHAM KUSHWAHA	Dr. NEERAJ DUBEY	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
10	3	0103ME211029	Shubhroshankar Mittra	Dr Neeraj Dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
11	4	0103ME223D03	SHIVAM KUMAR	DR. SHASHI RANJAN MOHAN	DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE
12	4	0103ME211015	DILKHUSH KUMAR	Dr. Shashi Ranjan Mohan	DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE MANUFACTURING
13	4	0103ME211021	Lnct	Dr Shashi Ranjan mohan	Design and fabrication of fractural vice with additive manufacturing
14	5	0103ME211004	ACHALA MISHRA	Dr. Arun K Wamankar	Design and development of hydraulic braking system for ATV
15	5	0103ME211003	ABHISHEK YADAV	DR. ARUN WAMANKAR	DESIGNE AND DEVELOPMENT OF HYDRAULIC BRAKING SYSTEM FOR ATV
16	5	0103ME211024	RAKESH KUMAR SAH	DR. ARUN WAMANKAR	DESIGNE AND DEVELOPMENT OF HYDRAULIC BRAKING SYSTEM FOR ATV
17	6	0103ME211008	ANSHUL RAI	Prof Sachchida Nand	Development of a Smart Self-Balancing Robot
18	6	0103ME211012	DEVYANSH RAI	Prof. Sachchida Nand	Development of a Smart Self-Balancing Robot
19	7	0103ME211020	KRATIK CHHALWANT	Dr. RK PANDEY	Development of small scale green hydrogen production unit
20	7	0103ME211022	MOHD AMANULLAH HASHMI	R.K pandey sir	Development of small scale green hydrogen production unit
21	7	0103ME211001	ABHIPRIYE SHUKLA	DR. NEERAJ DUBEY AND DR. R K PANDEY	SMALL SCALE GREEN HYDROGEN PRODUCTION UNIT

22	7	0103ME211010	ARTI THAKUR	Dr.Neeraj Dubey and Rk Pandey	small scale green hydrogen production unit
----	---	--------------	-------------	----------------------------------	--

23	7	0103ME211025	RENISHA BHUARYA	Neeraj Dubey and R.K. Pandey	Small Scale green hydrogen Production Unit
24	8	0103ME211005	AMAN KUMAR SINGH	DR.R.G PATIL	OIL COLLECTOR
25	8	0103ME211007	ANKIT PANDEY	DR RG PATIL	Oil collector
26	8	0103ME211026	SHIVA KUMAR SAH	Dr. R.G. Patil	Oil Collector
27	8	0103ME211027	SHIVAM MURARI	Dr.R.G.PATIL	OIL COLLECTOR
28	9	0103ME211002	ABHISHEK KUMAR	Dr. Neeraj Dubey	Universal Twisting Timer
29	9	0103ME211033	VEDANT KULSHRESHTHA	Dr. neeraj dubey	Universal twisting timer
30	9	0103ME223D02	KOUSHIK RANJAN PAUL	Dr. Neeraj Dubey	Universal Twisting Timer
31	9	0901ME211030	DEWANSI VISHWAKARMA	Dr. Neeraj Dubey	Universal Twisting Timer
32	12	0103ME211032	SUJAL PANDOLE	Dr. Anoop Pathariya	Automatic motor bike stand
33	13	0103ME211016	DIVYANSH KUMAR SINGH	Dr. Hitesh Khare	POWER GENERATION USING SPEED BREAKER

--	--	--	--	--	--

Major Project - II (8 Sem 2025) ME LNCT&S, Bhopal

S. No.	Group No.	En	Name	Project Guide Name	Titile
1	2	0157ME211009	UTKARSH	Prof. Sushil Chourey	Design and development of suspension system
2	10	0157ME211001	AMAN VISHWAKARMA	Prof. Sushil Chourey	Static Structural Analysis of different design of hinges made of different material
3	10	0157ME223D02	Tushar Kumar Rajak	Dr. Sushil Chourey	Static Structural Analysis of Different Designs of Hinges Made of Different Materials.
4	11	0157ME211002	AMIT KUMAR YADAV	Prashant Pandey	Automatic Plant Watering System
5	11	0157ME211004	GAURAV SAHU	Prashant Pandey	Automatic Plant Watering System
6	11	0157ME211005	HARSHIT	PRASHANT PANDEY	AUTOMATIC PLANT WATERING SYSTEM
7	11	0157ME223D01	RAHUL KUMAR	Prashant Pandey	Automatic Plant Watering System
8	12	0157ME211007	SHAMSHER AHMED	Prof. Mukesh ahirwar	Design of automatic bike stand
9	13	0157ME211003	Arun Shakya	Prof. Sushil Chourey	Power generation using speed breaker
10	14	0157ME211010	YOGESH CHOURE	MUKESH AHIRWAR	"Development of a Smart Self-Balancing Robot"

--	--	--	--

Major Project - II (8 Sem 2025) ME LNCTE, Bhopal

S. No.	Group No.	En	Name	Project Guide Name	Titile
1	10	0176ME211001	AMAN KUMAR SHAHI	Prof. LOKESH SHARMA	Static Structural Analysis of Different Designs of Hinges Made of different materials
2	10	0176ME211002	ASTITVA RAJPUT	LOKESH	Static Structural Analysis of Different Design of Hinges Made of Different Materials
3	10	0176ME211002	ASTITVA RAJPUT	Prof. Lokesh Sharma	Static Structural Analysis of Different Design of Hinges Made of Different Materials
4	10	0176ME211004	swatantra kumar jaiswal	Prof. Lokesh sharma	Static structural analysis of different designs of Hinges made of different materials

--	--	--	--