

Major Project - II (8 Sem 2025)

S. No.	En	Name	Project Guide	Titile
1	0103ME21100 1	ABHIPRIYE SHUKLA	DR. NEERAJ DUBEY AND DR. R K PANDEY	SMALL SCALE GREEN HYDROGEN PRODUCTION UNIT
2	0103ME21100 2	ABHISHEK KUMAR	Dr. Neeraj Dubey	Universal Twisting Timer
3	0103ME21100 3	ABHISHEK YADAV	DR. ARUN WAMANKAR	DESIGNE AND DEVELOPMENT OF HYDRAULIC BRAKING SYSTEM FOR ATV
4	0103ME21100 4	ACHALA MISHRA	Dr. Arun K Wamankar	Design and development of hydraulic braking system for ATV
5	0103ME21100 5	AMAN KUMAR SINGH	DR.R.G PATIL	OIL COLLECTOR
6	0103ME21100 6	AMBER HARDAHA	DR. ARUN K WAMANKAR	ALL WHEEL DRIVE gearbox system in ATV
7	0103ME21100 7	ANKIT PANDEY	DR RG PATIL	Oil collector
8	0103ME21100 8	ANSHUL RAI	Prof Sachchida Nand	Development of a Smart Self-Balancing Robot
9	0103ME21100 9	ARNAVJHA	Dr. Neeraj Dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE

10	0103ME211010	ARTI THAKUR	Dr. Neeraj Dubey and Rk Pandey	small scale green hydrogen production unit
11	0103ME211011	ASHISH KUMAR SAHU	Dr. Neeraj dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
12	0103ME211012	DEVYANSH RAI	Prof. Sachchida Nand	Development of a Smart Self-Balancing Robot
13	0103ME211014	DHANESH DABKE	Dr. Arun K Wamankar	All wheel drive gearbox system in ATV
14	0103ME211015	DILKHUSH KUMAR	Dr. Shashi Ranjan Mohan	DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE MANUFACTURING
15	0103ME211016	DIVYANSH KUMAR SINGH		POWER GENERATION USING SPEED BREAKER
16	0103ME211017	HARSH GUPTA	DR. ARUN K WAMANKAR	All wheel drive gearbox system in ATV
17	0103ME211019	HIMANSHU SONI	Dr. Arun kumar wamankar	All wheel drive gearbox system in ATV
18	0103ME211020	KRATIK CHHALWANT	Dr. RK PANDEY	Development of small scale green hydrogen production unit
19	0103ME211021	Kudeep Ahirwar	Dr Shashi Ranjan mohan	Design and fabrication of fractural vice with additive manufacturing

20	0103ME21102 2	MOHD AMANULLAH HASHMI	R.K pandey sir	Development of small scale green hydrogen production unit
21	0103ME21102 3	PRIYANSHU GARG	Dr Arun k Wamankar	Design and development of independent suspension system of all terrain vehicle
22	0103ME21102 4	RAKESH KUMAR SAH	DR. ARUN WAMANKAR	DESIGNE AND DEVELOPMENT OF HYDRAULIC BRAKING SYSTEM FOR ATV
23	0103ME21102 5	RENISHA BHUARYA	Neeraj Dubey and R.K. Pandey	Small Scale green hydrogen Production Unit
24	0103ME21102 6	SHIVA KUMAR SAH	Dr. R.G. Patil	Oil Collector
25	0103ME21102 7	SHIVAM MURARI	Dr.R.G.PATIL	OIL COLLECTOR
26	0103ME21102 8	SHUBHAM KUSHWAHA	Dr. NEERAJ DUBEY	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
27	0103ME21102 9	Shubhroshankar Mittra	Dr Neeraj Dubey	DESIGN AND DEVELOPMENT OF COMPOSITE BROOM STICK OF COCONUT LEAF MIDRIB REINFORCED WITH POLYPROPYLENE
28	0103ME21103 1	SUJAAN KHAN	Dr. Arun K Wamankar	DESIGN AND DEVELOPEMENT OF INDEPENDENT SUSPENSION SYSTEM OF ALL-TERRAIN VEHICLE
29	0103ME21103 2	SUJAL PANDOLE	Mukesh Ahirwar	Automatic motor bike stand

30	0103ME211033	VEDANT KULSHRESHTHA	D4 neeraj dubey	Universal twisting timer
31	0103ME223D02	KOUSHIK RANJAN PAUL	Dr. Neeraj Dubey	Universal Twisting Timer
32	0103ME223D03	SHIVAM KUMAR	DR. SHASHI RANJAN MOHAN	DESIGN AND FABRICATION OF FRACTURAL VICE WITH ADDITIVE
33	0157ME211001	AMAN VISHWAKARMA	Prof. Sushil Chourey	Static Structural Analysis of different design of hinges made of different material
34	0157ME211002	AMIT KUMAR YADAV	Prashant Pandey	Automatic Plant Watering System
35	0157ME211004	GAURAV SAHU	Prashant Pandey	Automatic Plant Watering System
36	0157ME211005	HARSHIT	PRASHANT PANDEY	AUTOMATIC PLANT WATERING SYSTEM
37	0157ME211007	SHAMSHER AHMED	Prof. Mukesh ahirwar	Design of automatic bike stand
38	0157ME211009	UTKARSH	Prof. Sushil Chourey	Design and development of suspension system
39	0157ME211010	YOGESH CHOURE	MUKESH AHIRWAR	"Development of a Smart Self-Balancing Robot"

40	0157ME223D01	RAHUL KUMAR	Prashant Pandey	Automatic Plant Watering System
41	0157ME223D02	Tushar Kumar Rajak	Dr. Sushil Chourey	Static Structural Analysis of Different Designs of Hinges Made of Different Materials.
42	0176ME211001	AMAN KUMAR SHAHI	Prof. Lokesh Sharma	Static Structural Analysis of Different Designs of Hinges Made of different materials
43	0176ME211002	ASTITVA RAJPUT	Prof. Lokesh Sharma	Static Structural Analysis of Different Design of Hinges Made of Different Materials
44	0176ME211004	swatantra kumar jaiswal	Prof. Lokesh Sharma	Static structural analysis of different designs of Hinges made of different materials
45	0901ME211030	DEWANSI VISHWAKARMA	Dr. Neeraj Dubey	Universal Twisting Timer
46	0157ME211003	Arun Shakya	Prof. Sushil Chourey	Power generation using speed breaker

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	Selection of Relevant Industry	Literature Survey	Methodology	Quality of Project	Quality of Report Writing	Quality Presentation	Total	Marks
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	3	2	3	3	3	3	28	28
2	0103ME211014	DHANESH DABKE			3	2	3	3	3	3	28	28
3	0103ME211017	HARSH GUPTA			3	2	3	3	3	2	27	27
4	0103ME211019	HIMANSHU SONI			3	2	3	3	3	3	28	28
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	3	2	3	3	3	2	27	27
6	0103ME211023	PRIYANSHU GARG			3	2	3	3	3	3	28	28
7	0103ME211016	DIVYANSH KUMAR SINGH			3	2	3	3	3	2	27	27
8	0103ME223D01	Aditya Prakash Sinha			3	2	3	3	3	2	27	27
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	3	3	3	3	3	3	30	30
10	0103ME211011	ASHISH KUMAR SAHU			3	2	3	3	3	2	27	27
11	0103ME211028	SHUBHAM KUSHWAHA			3	2	3	3	3	2	27	27
12	0103ME211029	Shubhroshankar Mittra			3	3	3	3	3	3	30	30
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	3	2	2	3	3	2.5	26	26
14	0103ME211015	DILKHUSH KUMAR			3	3	3	3	3	2.5	29	29
15	0103ME211021	KULDEEP AHIRWAR			3	2	2	3	3	2.5	26	26
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							0	29
17	0103ME211003	ABHISHEK YADAV			3	2	3	3	3	2	27	27
18	0103ME211024	RAKESH KUMAR SAH			3	2	3	3	3	3	28	28
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	3	2	3	3	3	2	27	27
20	0103ME211012	DEVYANSH RAI			3	3	3	3	3	3	30	30
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	3	2	3	3	3	3	28	28
22	0103ME211022	MOHD AMANULLAH HASHMI			3	2	3	3	3	2	27	27
23	0103ME211005	AMAN KUMAR SINGH	OIL COLLECTOR	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12/PSO1,PSO2,PSO3,PSO4	3	2	3	3	3	2	27	27
24	0103ME211007	ANKIT PANDEY			3	2	3	3	3	2	27	27
25	0103ME211026	SHIVA KUMAR SAH			3	2	3	3	3	2	27	27
26	0103ME211027	SHIVAM MURARI			3	2	3	3	3	3	28	28

27	0103ME211002	ABHISHEK KUMAR	Universal Twisting Timer	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11/,PO12/PSO1,PSO2,PSO3,PSO4	3	3	3	3	3	3	30	30
28	0103ME211033	VEDANT KULSHRESHTHA			3	2	3	3	3	3	28	28
29	0103ME223D02	KOUSHIK RANJAN PAUL			3	3	3	3	3	2.5	29	29
30	0901ME211030	DEWANSH VISHWAKARMA			3	3	3	3	3	3	30	30
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	3	2.5	3	3	3	3	29	29
32	0103ME211010	ARTI THAKUR			3	2	3	3	3	3	28	28
33	0103ME211025	RENISHA BHUARYA			3	2.5	3	3	3	3	29	29
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	3	2	2.5	3	3	2	26	26

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					

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S. No.	Group No.	En	Name	Project Guide Name	Titile
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
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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

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