

Department of Mechanical Engineering
B.Tech Project Groups 2024-25

Group No.	Student name	Student Roll no.	Supervisor (s)	Broad Area
1	Zaheer Akhtar Shahil Ali Mossaddique Chinmoy Bora	MEB21020 MEB21004 MEB21071	Prof. Tapan Kr. Gogoi	Vapour Absorption Cooling System
2	Sulakshana Bhattacharyya Jyotirmoy Kashyap Chandrani Nirmalia	MEB21030 MEB21038 MEB21044	Dr. Barnali Chowdhury	Archimedean Screw Turbine
3	Owen Rumon Garg Subham Dey Birhem Basumatary	MEB21009 MEB21025 MEB21034	Prof. Tapan Kr. Gogoi	Design of control system for heater of liquid liquid hydrocyclone
4	Dhyanabh Saikia Bhairab Jyoti Konwar Prabal Medhi	MEB21021 MEB22202 MEB21036	Supervisor: Dr. Prabin Haloi Co-supervisor: Dr. Zahnupriya Kalita	Ankle exoskeleton
5	Sarfaraz Samim Haque Bikash Ch. Nath Himanjit Patowary	MEB21014 MEB22201 MEB21066	Prof. Partha Pratim Dutta	Conveyor cum binder mechanism
6	Yusuf Ali Nekibur Rahman	MEB21012 MEB21001	Dr. Vivek Kr. Mehta	Developing a Graphical User Interface for designing and analysis of Compliant Mechanism
7	Md. Amanuddin Rajkamal Ghosliya Bikee Wary	MEB21052 MEB21065 MEB21067	Dr. Vivek Kr. Mehta	Dynamic control setup for cart and pole.
8	Sivam Karmakar Muskan Borgohain Velpula Tharun	MEB21006 MEB21013 MEB21070	Dr. Sushen Kirtania	Structural analysis of ICBM(Agni VI)
9	Pragyan Borgohain Kongkon Jyoti Nath Himanshu Konwar	MEB21031 MEB21027 MEB21042	Mr. Rakesh Bhadra	Vermicompost reactor

10	Purbahni Konwar Akansha Deep Nisha Devi	MEB21023 MEB21040 MEB21028	Dr. Paragmoni Kalita	Photovoltaic hybrid solar system
11	Chandrak Bhattacharjee Prashanti Roy Premjit Langthasa	MEB21005 MEB21063 MEB21049	Dr. Shikha Bhuyan	Design and development of improved batteries using phase change materials for EV applications.
12	Mohit Kumar Chiranjeev Shubham Nitish Kumar	MEB21068 MEB21007 MEB21055	Dr. Polash Pratim Dutta	Tackling Environmental Challenges in Pollution Control Using AI
13	Bishal Mala Debajoit Barman Anubhov Gogoi	MEB21060 MEB21046 MEB21048	Dr. Shikha Bhuyan	Pyrolysis reactor
14	Tridip Kr. Chowdhury Hrishikesh Baruah Gourab Roy	MEB21050 MEB21047 MEB21057	Prof. Dilip Datta	High rise evacuation system
15	Anurag Hazarika Deepjyoti Dhar Abhishek Nath	MEB21026 MEB21054 MEB21059	Dr. Zahnpriya Kalita	Smart Service Mobile Robot
16	Ashankur Borgohain Adarsh Kumar	MEB21024 MEB21053	Dr. Sanjib Banerjee	Numerical analysis of machining behaviour of Aluminium alloy
17	Sagar Das Nilotpal Mazumdar Rishobh Das	MEB21037 MEB21003 MEB21039	Dr. Satadru Kashyap	Design and Fabrication of Spinal prosthesis and Rehabilitation