

Netaji Subhas University of Technology

Azad Hind Fauj Marg,
Sector-3, Dwarka, New Delhi-110078

Department of Mechanical Engineering

Dated: 13/03/2023

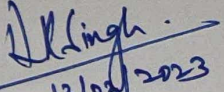
SUB: B.Tech. ME/MPAE 8th Semester – Presentation Schedule for Project-II (MEMEC23/MPMEC23) Mid-Semester Evaluation.

Students are required to present their work in approx. 10 minutes through the presentation and the presence of all group members is mandatory.

Date & Time: 20th March 2022, 10.00 AM onwards

Venue: Design - 141/VI
Manufacturing - 140/VI
Industrial and Production – 020/VI

Note: (1) The order of the presentation will be according to the serial number mentioned in the list attached.
(2) All the students are instructed to be present at the concerned venue at 9:30 AM.


13/03/2023

Prof. D. K. Singh
Head
Department of Mech. Engg.

List of BTP Projects
(MSE Evaluation Date: 20/03/2023; Venue: 141/VI)

S.No.	Student Roll No.	Group No.	Faculty Supervisor(s)	Tentative Project Title	Domain	Time Slot
1	2019UMP6024, 2019UMP6043, 2019UMP6071, 2019UMP6086	11	Dr. Andriya Narasimhulu	Development and Optimization of MR fluid disk brake model .	Design	10:00 -10:15 AM
2	2019UME5535, 2019UME5548, 2019UME5637, 2019UME5647	13	Mr. Sanjay Gupta	Design and manufacturing of smart gripper with integrated holding and cutting mechanism	Design	10:15 -10:30 AM
3	2019UME5643, 2019UME5645, 2019UME5626, 2019UME5622	15	Dr. Vinay Panwar	Microcontroller based advanced multi axis solar tracker	Design	10:30 -10:45 AM
4	2019UMP6088, 2019UMP6090, 2019UEE5047, 2019UEE5039	16	Prof. D. K. Singh , Prof. Asha Rani	Electric vehicle design	Design	10:45 -11:00 AM
5	2019UME5639, 2019UME5641, 2019UME5631, 2019UMP6061	24	Dr. Vinay Panwar	Regenerative Braking in Hybrid Vehicle	Design	11:00 -11:15 AM
6	2019UMP6031, 2019UMP1083	25	Prof. S. K. Chak	Smart Helmet for improvising road safety	Design	11:15 -11:30 AM
7	2019UME5572, 2019UME5576, 2019UME5588, 2019UME5597	27	Dr. Vivek Kumar	Improving Regenerative Braking of EV using supercapacitor	Design	11:30 -11:45 AM

8	2019UME5577, 2019UME5599, 2019UME5575, 2019UME6022	28	Dr. Vivek Kumar	Vibrational analysis of piston of two stroke engine	Design	11:45 AM -12:00 PM
9	2019UME5587, 2019UME5606, 2019UME5607, 2019UME5620	33	Dr. Vivek Kumar	Prediction of performance characteristics of a hybrid thrust bearing using ANN.	Design	12:00 -12:15 PM
10	2019UME5510, 2019UME5526, 2019UME5542, 2019UME5565	35	Dr. Abhishek Tevatia	Modelling and Simulation of Cantilever Beam using Python Script	Design	12:15 -12:30 PM
11	2019UMP6018 2019UMP6015	37	Dr. A.V. Muley	Autonomous parking system	Design	12:30 -12:45 PM
12	2019UME5516, 2019UME5539, 2019UME5509, 2019UME5550	38	Mr. Sanjay Gupta	Design and fabrication of multi-purpose modular amenities	Design	12:45 -01:00 PM
13	2019UME5640	39	Prof. S. K. Chak, Dr. Pradeep Khanna	Development of self balancing cycle	Design	01:00 -01:15 PM
14	2019UME5573, 2019UME5520, 2019UME5623, 2019UME5594	40	Dr. Aditya kumar	Design engineering	Design	01:15 -01:30 PM
15	2019UME5514, 2019UME5507	42	Prof. Vijvant Agarwal	Design and Development of experimental setup for analysis of electric vehicle battery system	Design	01:30 -01:45 PM
16	2019UMP6007, 2019UME6062 2019UME5549	46	Mr. Sanjay Gupta	Driver Assistance System (DAS) for Obstacle Detection	Design	01:45 -02:00 PM

List of BTP Projects
(MSE Evaluation Date: 20/03/2023; Venue: 140/VI)

S.No.	Student Roll No.	Group No.	Faculty Supervisor(s)	Tentative Project Title	Domain	Time Slot
1	2019UME5545, 2019UME5524, 2019UME5505, 2019UME5601	1	Prof. Sachin Maheshwari	Manufacturing of Thermoelectric refrigerator.	Manufacturing	10:00 -10:15 AM
2	2019UME5551, 2019UME5552, 2019UME5555, 2019UME5580	3	Dr. Swati Gangwar	Multipurpose chair for classroom	Manufacturing	10:15 -10:30 AM
3	2019UME556, 2019UME5502, 2019UME5625, 2019UME5618	4	Prof. Sachin Maheshwari	Manufacturing of cooling system	Manufacturing	10:30 -10:45 AM
4	2019UME5629, 2019UME5528, 2019UME5574, 2019UME5525	17	Dr. P. K. Bajpai Dr. Pradeep Khanna	An Investigation Of The Microstructural Behaviour Of Friction Stir Welded Al 1100 Plates.	Manufacturing	10:45 -11:00 AM
5	2019UME5512, 2019UME5543, 2019UME5530, 2019UME5519	18	Dr. Andriya Narshimhulu	Optimization of machined surface of the part which is built by WAAM	Manufacturing	11:00 -11:15 AM
6	2019UMP6060, 2019UMP6020, 2019UMP6001, 2019UMP6033	21	Prof. Sachin Maheshwari	Fabrication of a self balancing motor cycle	Manufacturing	11:15 -11:30 AM
7	2019UME5598, 2019UME5571	22	Dr. Vinay Panwar	Modelling and Analysis of single crystal nanowires subjected to different loading conditions	Manufacturing	11:30 -11:45 AM

8	2019UME5522, 2019UME5527, 2019UME5546, 2019UME5596	23	Mr. Narender Kumar	Fabrication and optimization of 3D Robotics Arm	Manufacturing	11:45 AM -12:00 PM
9	2019UME5633, 2019UME5650, 2019UME5653	30	Dr. Abhishek Tevatia	Fabrication and mechanical characterization of natural fiber composite material.	Manufacturing	12:00 -12:15 PM
10	2019UME5608, 2019UME5615, 2019UME5616	32	Dr. Aditya Kumar	Fabrication of Substation monitoring system	Manufacturing	12:15 -12:30 PM
11	2019UMP6079, 2019UMP6080, 2019UMP6082, 2019UMP6083	36	Dr. Aditya kumar	Optimization of welding process	Manufacturing	12:30 -12:45 PM
12	2019UME5523, 2019UME5503, 2019UMP6078	41	Dr. P. K. Bajpai	To be decided	Manufacturing	12:45 -01:00 PM
13	2019UME5564, 2019UME5644, 2019UME5559, 2018UME4027	43	Mr. Arvind Meena	Yet to be discussed	Manufacturing	01:00 -01:15 PM
14	2019UMP6034, 2019UMP6041, 2019UMP6066, 2019UMP6023	47	Mr. Arvind Meena	Electroadhesives for Robotic Material Handling	Manufacturing	01:15 -01:30 PM
15	2019UME5538, 2019UME5537, 2019UME5518, 2019UME5581	48	Mr. Narender Kumar	Generating Electricity through Magnetic Levitation	Manufacturing	01:30 -01:45 PM
16	2018UMP3541, 2018UMP3551, 2018UMP3557, 2019UME5578	49	Dr. Swati Gangwar	3D Printed Artificial Prosthetic Limb for children	Manufacturing	01:45 -02:00 PM

17	2019UME5511, 2019UME5517, 2019UME5531, 2019UME5536	51	Mr. Arvind Meena	Solar Pannel Cleaning Device	Manufacturing	02:00 -02:15 PM
18	2019UMP6084, 2019UME5614	52	Mr. Arvind Meena	Electric Bicycle Conversion Test	Manufacturing	02:15 -02:30 PM

List of BTP Projects
(MSE Evaluation Date: 20/03/2023; Venue: 020/VI)

S.No.	Student Roll No.	Group No.	Faculty Supervisor(s)	Tentative Project Title	Domain	Time Slot
1	2019UME5570, 2019UME5611, 2019UME5624, 2019UME5649	2	Dr. Umang Soni	Predictive modelling of fatigue life for mechanical components using ML	Industrial and Production	10:00 -10:15 AM
2	2019UME5600, 2019UME5602, 2019UME5627, 2019UME5635	5	Dr. Swati Gangwar	Production Engineering	Industrial and Production	10:15 -10:30 AM
3	2019UMP6002, 2019UMP6052, 2019UMP6076	6	Prof. Sachin Maheshwari	Sentiment Analysis for Industries using AI	Industrial and Production	10:30 -10:45 AM
4	2019UMP6038, 2019UMP6049, 2019UMP6054, 2019UMP6069	7	Dr. Andriya Narasimhulu	Development of of IoT Based water quality sensor	Industrial and Production	10:45 -11:00 AM
5	2019UME5569, 2019UME5579, 2019UME5582, 2019UME5613	8	Mr. Sanjay Gupta	Workforce optimization using facial emotion recognition.	Industrial and Production	11:00 -11:15 AM

6	2019UMP6056, 2019UMP6035, 2019UMP6039, 2019UMP6065	9	Dr. Andriya Narasimhulu	Job Shop Scheduling	Industrial and Production	11:15 -11:30 AM
7	2019UMP6030, 2019UMP6029 2019UMP6053, 2019UMP6046	10	Prof. S. K. Chak	Analysis of PID controller using Machine Learning	Industrial and Production	11:30 -11:45 AM
8	2019UMP6077, 2019UMP6019, 2019UME5590, 2019UME5591	12	Dr. Umang Soni	Wind turbine surface damage detection using AI	Industrial and Production	11:45 AM -12:00 PM
9	2019UME5568, 2019UME5612, 2019UME5638, 2019UME5651	14	Dr. Umang Soni	Fault detection using Deep Learning	Industrial and Production	12:00 -12:15 PM
10	2019UME5563, 2019UME5634, 2019UME5541, 2019UME5547	19	Prof. Vijyant Agarwal	Study and investigation of algorithms for portfolio building	Industrial and Production	12:15 -12:30 PM
11	2019UME5604, 2019UME5652, 2019UME5654, 2019UME5655	20	Prof. Vijyant Agarwal	Study and Investigating of Crowd Management System	Industrial and Production	12:30 -12:45 PM
12	2019UMP6092 2019UMP6070 2019UMP6057 2019UMP6074	26	Prof. Vijyant Agarwal	Study and Investigation of ADAS SYSTEM	Industrial and Production	12:45 -01:00 PM
13	2019UME5513, 2019UME5515, 2019UME5560, 2019UME5504	29	Dr. Abhishek Tevatia	Time series analysis and forecasting	Industrial and Production	01:00 -01:15 PM

14	2019UMP6072, 2019UMP6085, 2019UMP6010,; 2019UMP6089	31	Dr. Aditya Kumar	Social media analysis using deep learning techniques	Industrial and Production	01:15 -01:30 PM
15	2019UMP6073, 2019UMP1068, 2019UMP1064	34	Dr. Umang Soni	Demand Forecasting of Electric Vehicle sales using linear models and its impact on carbon footprint	Industrial and Production	01:30 -01:45 PM
16	2019UME5593, 2019UME5628, 2019UME5642, 2019UME5646	44	Dr. Vivek Kumar; Dr. Vinay Panwar	Optimization of Inventory Control Systems	Industrial and Production	01:45 -02:00 PM
17	2019UME5583, 2019UME5586, 2019UME5630, 2019UME5648	45	Dr. Swati Gangwar	Production Engineering	Industrial and Production	02:00 -02:15 PM
18	2019UMP6004, 2019UMP6013, 2019UMP6040, 2019UMP6087	50	Prof. S.K Chak	Crime Analysis using Big Data Analytics for Efficient Policing	Industrial and Production	02:15 -02:30 PM