NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY
AZAD HIND FAUJ MARG, SECTOR – 3, DWARKA
NEW DELHI – 110078

DATE: 09/02/2023

SUB: B.Tech. (ME/MPAE) 8th Semester –Project-II (MEMEC23/MPMEC23) for the academic session 2022-2023.

Final allotment of BTP supervisors for 8th Semester B.Tech students (ME/MPAE) for academic year 2022-2023 is given in the table provided below.

S. No.	Roll number	Group No.	Supervisor(s) Name	Tentative Project Title
1	2019UME5545, 019UME5524, 2019UME5505,2019UME5601	1	Prof. Sachin Maheshwari	Manufacturing of Thermoelectric refrigerator.
2	2019UME5570, 2019UME5611, 2019UME5624, 2019UME5649	2	Dr. Umang Soni	Predictive modelling of fatigue life for mechanical components using ML
3	2019UME5551, 2019UME5552, 2019UME5555, 2019UME5580	3	Dr. Swati Gangwar	Multipurpose chair for classroom
4	2019UME5561, 2019UME5502, 2019UME5625 2019UME5618	4	Prof. Sachin maheshwari	Manufacturing of cooling system
5	2019UME5600, 2019UME5602, 2019UME5627, 2019UME 5635	5	Dr. Swati Gangwar	Production Engineering
6	2019UMP6002, 2019UMP6052, 2019UMP6076	6	Prof. Sachin Maheshwari	Sentiment Analysis for Industries using AI
7	2019UMP6038, 2019UMP6049, 2019UMP6054, 2019UMP6069	7	Dr. Andriya Narasimhulu	Development of of IoT Based water quality sensor
8	2019UME5569,2019UME5579, 2019UME5582, 2019UME5613	8	Mr. Sanjay Gupta sir	Workforce optimization using facial emotion recognition.
9	2019UMP6056, 2019UMP6035, 2019UMP6039, 2019UMP6065	9	Dr. Andriya Narasimhulu	Job Shop Scheduling
10	2019UMP6030, 2019UMP6029, 2019UMP6053, 2019UMP6046	10	Prof. S. K Chak	Analysis of PID controller using Machine Learning
11	2019UMP6024,2019UMP6043, 2019UMP6071,2019UMP6086	11	Dr. Andriya Narasimhulu	Development and Optimization of MR fluid disk brake model .

12	2019UMP6077, 2019UMP6019, 2019UME5590, 2019UME5591	12	Dr. Umang Soni	Wind turbine surface damage detection using AI
13	2019UME5535, 2019UME5548, 2019UME5637, 2019UME5647	13	Mr. Sanjay Gupta	Design and manufacturing of smart gripper with integrated holding and cutting mechanism
14	2019UME5568, 2019UME5612, 2019UME5638, 2019UME5651	14	Dr. Umang Soni	Fault detection using Deep Learning
15	2019UME5643, 2019UME5645, 2019UME5626, 2019UME5622	15	Dr. Vinay Panwar	Microcontroller based advanced multi axis solar trackerar tra
16	2019UMP6088, 2019UMP6090, 2019UEE5047, 2019UEE5039	16	Prof. D.K Singh , Prof. Asha Rani	Electric vehicle design
17	2019UME5629, 2019UME5528, 2019UME5574, 2019UME5525	17	Dr. PK Bajpai, Dr. Pradeep Khanna	An Investigation Of The Microstructural Behaviour Of Friction Stir Welded Al 1100 Plates.
18	2019UME5512, 2019UME5543, 2019UME5530,2019UME5519	18	Dr. Andriya Narshimulu	Optimization of machined surface of the part which is built by WAAM
19	2019UME5563, 2019UME5634, 2019UME5541, 2019UME5547	19	Prof.Vijyant Aggarwal	Study and investigation of algorithms for portfolio building
20	2019UME5604, 2019UME5652, 2019UME5654, 2019UME5655	20	Prof. Vijyant Agarwal	Study and Investigating of Crowd Management System
21	2019UMP6060,2019UMP6020, 2019UMP6001,2019UMP6033	21	Prof. Sachin Maheshwari	Fabrication of a self balancing motor cycle
22	2019UME5598, 2019UME5571	22	Dr. Vinay Panwar	Modelling and Analysis of single crystal nanowires subjected to different loading conditions
23	2019UME5522, 2019UME5527, 2019UME5546, 2019UME5596	23	Mr. Narender Kumar	Fabrication and optimization of 3D Robotics Arm
24	2019UME5639, 2019UME5641, 2019UME5631, 2019UMP6061	24	Dr. Vinay Panwar	Regenerative Braking in Hybrid Vehicle
25	2019UMP6031, 2019UMP1083	25	Prof S. K Chak	Smart Helmet for improvising road safety
26	2019UMP6092,2019UMP6070 2019UMP6057, 2019UMP6074	26	Prof. Vijyant Aggarwal	Study and Investigation of ADAS SYSTEM
27	2019UME5572, 2019UME5576, 2019UME5588, 2019UME5597	27	Dr. Vivek Kumar	Improving Regenerative Braking of EV using supercapacitor
28	2019UME5577, 2019UME5599, 2019UME5575, 2019UME6022	28	Dr. Vivek Kumar	Vibrational analysis of piston of two stroke engine

29	2019UME5513, 2019UME5515, 2019UME5560, 2019UME5504	29	Dr. Abhishek tewatia	Time series analysis and forecasting
30	2019UME5633, 2019UME5650, 2019UME5653	30	Dr. Abhishek Tevatia	Fabrication and mechanical characterization of natural fiber composite material.
31	2019UMP6072; 2019UMP6085; 2019UMP6010; 2019UMP6089	31	Dr Aditya Rathi	Social media analysis using deep learning techniques
32	2019UME5608 , 019UME5615, 2019UME5616	32	Dr. Aditya Kumar	Fabrication of Substation monitoring system
33	2019UME5587, 2019UME5606, 2019UME5607, 2019UME5620	33	Dr. Vivek Kumar	Prediction of performance characteristics of a hybrid thrust bearing using ANN.
34	2019UMP6073, 2019UMP1068, 2019UMP1064	34	Dr. Umang Soni	Demand Forecasting of Electric Vehicle sales using linear models and its impact on carbon footprint
35	2019UME5510, 2019UME5526, 2019UME5542, 2019UME5565	35	Dr. Abhishek Tevatia	Modelling and Simulation of Cantilever Beam using Python Script
36	2019UMP6079, 2019UMP6080, 2019UMP6082, 2019UMP6083	36	Dr. Aditya kumar	Optimization of welding process
37	2019UMP6018 2019UMP6015	37	Dr. A.V Muley	Autonomous parking system
38	2019UME5516, 2019UME5539, 2019UME5509, 2019UME5550	38	Mr. Sanjay Gupta	Design and fabrication of multi-purpose modular amenities
39	2019UME5640	39	Dr. S.K Chak, Dr. Pradeep Khanna	Development of self balancing cycle
40	2019UME5573, 5520 5623,5594	40	Prof. Aditya kumar	Design engineering
41	2019UME5523; 2019UME5503, 2019UMP6078	41	Dr. P. K. Bajpai	To be decided
42	2019UME5514, 2019UME5507	42	Prof. Vijvant Agarwal	Design and Development of experimental setup for analysis of electric vehicle battery system
43	2019UME5564. 2019UME5644, 2019UME5559, 2018UME4027	43	Mr. Arvind Meena	Yet to be discussed
44	2019UME5593, 2019UME5628, 2019UME5642, 2019UME5646	44	Dr. Vivek Kumar	Optimization of Inventory Control Systems
45	2019UME5583, 2019UME5586, 2019UME5630, 2019UME5648	45	Dr. Swati Gangwar	Production Engineering

46	2019UMP6007 2019UME6062 2019UME5549	46	Mr. Sanjay Gupta	Driver Assistance System (DAS) for Obstacle Detection
47	2019UMP6034, 2019UMP6041, 2019UMP6066, 2019UMP6023	47	Mr. Arvind Meena	Electroadhesives for Robotic Material Handaling
48	2019UME5538, 2019UME5537, 2019UME5518, 2019UME5581	48	Mr. Narendar Kumar	Generating Electricity through Magnetic Levitation
49	2018UMP3541,2018UMP3551, 2018UMP3557,2019UME5578	49	Dr. Swati Gangwar	3D PRINTED ARTIFICIAL PROSTHETIC LIMB FOR CHILDREN

Remaining Students are required to meet the faculty members of the department (as per available slot based on the NOTE appended above), to get their consent for being their supervisor in BTP II. **If any remaining student fails to submit the consent form by 14/02/2023 (4:00 PM), he will not be allowed to appear in mid-semester BTP II assessment.**

Dr. Vivek Kumar
Assistant Professor
Mechanical Engg. Department

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY
AZAD HIND FAUJ MARG, SECTOR – 3, DWARKA
NEW DELHI – 110078

CONSENT FORM
B. TECH PROJECT II (ME/MPAE)
MEMEC23/MPMEC23

Date: ………………….

1. **Title of the Project**

………
………

2. **Details of Students**

S. No.	Name	Roll No.	Branch	Section	Mob. No.	Signature

3

3. **Consent of Project Supervisor(s)**

S. No.	Name of Faculty	Supervisor(s)