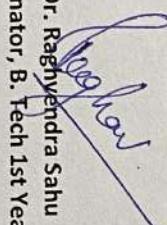


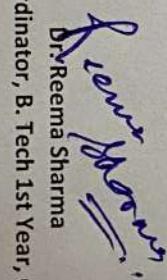
**Micro Project Group Allotment List (B. Tech, 1st Semester, Department of Civil Engineering)**

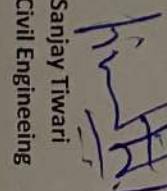
S.no	Group	Enroll. No.	Name of Student	Topic	Supervisor
1	G1	BTCE25O1001	AADIT VERMA	Identification of different rock minerals with their properties.	
2		BTCE25O1002	AAVUSHI SINGH		
3	G2	BTCE25O1003	ABHAY PRATAP SINGH THAKUR	Common building stones used in India with proper reasoning.	Prof. A. K. Saxena
4		BTCE25O1004	ABHISHEK ARGAL		
5	G3	BTCE25O1005	ABHISHEK GUPTA	Comparison of stone work and brick work with proper applications.	
6		BTCE25O1006	ABHISHEK JATAV		
7	G4	BTCE25O1007	ADITYA BHARDWAJ	To experimentally verify Lami's Theorem for a system in static equilibrium.	
8		BTCE25O1008	ADITYA KARAIYA		
9	G5	BTCE25O1009	ADITYA SINGH CHAUHAN	Analyze the forces in members of a simple truss bridge using the method of joints.	
10		BTCE25O1010	ADITYA SINGH TOMAR		
11	G6	BTCE25O1011	AJAY BHUWA	Design and test a simple damped single degree of freedom system to study its free vibration characteristics.	
12		BTCE25O1012	AKASH BHADORIYA		
13	G7	BTCE25O1013	AKASH SHARMA	To determine the coefficient of static friction between two surfaces using an inclined plane experiment.	
14		BTCE25O1014	AMAN ARGAL		
15	G8	BTCE25O1015	ANKIKET RAJAWAT	Analyse the motion of a rolling ball down an inclined plane, studying its acceleration and the forces involved	Dr. Sanjay Tiwari
16		BTCE25O1016	ANKIT SAINI		
17	G9	BTCE25O1017	ANSHUMAN BANBARIYA	Construct a simple mass-spring system and measure its natural frequency and amplitude of oscillations.	
18		BTCE25O1018	ANSHUMAN KU. SINGH PARMAR		
19	G10	BTCE25O1019	ANURAG GUPTA	Verify the principal moment of inertia by measuring and computing of different geometrical shapes.	
20		BTCE25O1020	ANURAG GURJAR		
21	G11	BTCE25O1021	ARJUN GUPTA	Create composite shapes from simpler geometries and calculate their centroid and using both theoretical and experimental methods.	Dr. S. K. Jain
22		BTCE25O1022	ARPIT SINGH PARMAR		
23	G12	BTCE25O1023	ARYAN AGRAWAL	Use different geometric shapes (e.g., circles, rectangles) cut from cardboard or similar materials to experimentally determine their centroid.	
24		BTCE25O1024	ASHISH TYAGI		
25	G13	BTCE25O1025	ATHARV SHARMA	Create a truss structure (e.g., a small tower) and test its ability to carry different loads, analysing the forces in each member.	Dr. Abhilash Shukla
26		BTCE25O1026	BHANU CHAUHAN		
27	G14	BTCE25O1027	BHOOMIKA SHARMA	Construct a physical or virtual model of a beam under various loads and draw shear force and bending moment diagrams.	
28		BTCE25O1028	BOBBY PRAJAPATI		
29	G15	BTCE25O1029	DEEKSHA DEVI AHIRWAR	Build a truss bridge model and use the method of joints and sections to analyse the internal forces in the truss members.	
30		BTCE25O1030	DEVANSH SISODIYA		

31	G16	BTCE2501031	DIVYA SHARMA	Design a small pulley system with belts and study the effects of friction on the transmission of force and motion.	Dr. Hemant Shrivastav
32		BTCE2501032	GURUJOT SINGH	Analyse and measure the friction forces acting on a ladder leaning against a wall and identify the conditions for ladder stability.	
33	G17	BTCE2501033	HAREE SINGH TOMAR	Construct an inclined plane with adjustable angles and measure the frictional force for different materials and inclinations	
34		BTCE2501034	HARISHANKAR AHIRWAR	Model a crane arm and investigate how various loads affect its equilibrium.	
35	G18	BTCE2501035	HARSH KIRAR	Students can use free body diagrams and solve for forces and reactions.	
36		BTCE2501036	HARSHIT TYAGI	Build a model of a simply supported beam and analyze the forces due to self weight and support reactions.	Dr. Mali Shivashankar
37	G19	BTCE2501037	HRISHI KIRAD	Build a model of a common household item (e.g., a lamp or a fan) and analyze the forces and moments to ensure it is in equilibrium.	
38		BTCE2501038	JAY KANSANA	Prepare a report on provisions given in National Building Code 2016 relevant to residential building design.	Prof. Aditya Agrawal
39	G20	BTCE2501039	KESHAV BHWARE	Collect and summarize building bye-laws and zoning regulations from the local municipal authority.	
40		BTCE2501040	KRISHNA KUSHWAH	Study sustainable building materials (e.g., bamboo, recycled concrete) and prepare a report on their use in green buildings.	Dr. M. K. Trivedi
41	G21	BTCE2501041	KRISHNAKANT TYAGI	Draw a developed plan, elevation, section and site plan of a public building by applying NBC 2016.	
42		BTCE2501042	MISTHI SHRIVASTAVA	Prepare a report on documents required for obtaining construction permission for a residential building from the local authority.	
43	G22	BTCE2501043	KRITIKA RAJ ARIMO	Draw a developed plan, elevation, section and site plan of a public building by applying NBC 2016.	
44		BTCE2501044	MAHENDRA SINGH RAJAWAT	Study corrosion in reinforcement, identifying causes and control measures	Dr. Rohit Ralli
45	G23	BTCE2501045	MANYA SHARMA	Draw a 2BHK house plan for a 30m x 20m plot, including site plan and elevation, applying NBC 2016.	
46		BTCE2501046	MISTHI SHRIVASTAVA	Study dampness in buildings, identifying causes and control methods.	Prof. Gautam Bhaduria
47	G24	BTCE2501047	MOHIT SHROTI		
48		BTCE2501048	NEHAL SHARMA		
49	G25	BTCE2501049	NIHAL BATHAM		
50		BTCE2501050	NISHANT DANDOTIYA		
51	G26	BTCE2501051	OM CHAUDHARY		
52		BTCE2501052	OM TRIPATHI		
53	G27	BTCE2501053	PINTU SINGH NARWARIYA		
54		BTCE2501054	PIYUSH SHAKYA		
55	G28	BTCE2501055	PRATHAK DAHERIYA		
56		BTCE2501056	RAHUL ARGAL		
57	G29	BTCE2501057	RAJNEESH PANDEY		
58		BTCE2501058	RAMMAS SONKAR		
59	G30	BTCE2501059	RAVI PATEL		
60		BTCE2501060	RICHA RAGHUWANSHI		
61	G31	BTCE2501061	RISHI BUDDHE		
62		BTCE2501062	SACHIN KUSHWAH		
63	G32	BTCE2501063	SAJAL DUBEY		
64		BTCE2501064	SATYAM SHARMA		

65	G33	BTCE2501065	SATYAM SIKARWAR	Comparative study of artificial timber and natural wood for indoor use	Dr. Prachi Singh
66		BTCE2501066	SHALEEN DANIEL		
67	G34	BTCE2501067	SHASHANK SINGH BHADOURIA	Effect of superplasticizer on workability of concrete mix	
68		BTCE2501068	SHAURYA RISHISHWAR		
69	G35	BTCE2501069	SHIVAM SHARMA	Waterproofing techniques for concrete structures	
70		BTCE2501070	SHOURYA PATHARIYA		
71	G36	BTCE2501071	SOHAM SWARNKAR	Study the use of agro-waste materials (e.g., rice husk, bagasse) in construction.	
72		BTCE2501072	SOURAV DHAKAR		
73	G37	BTCE2501073	SUJAL SHUKLA	Different types of masonry joints with their applications.	Dr. Mohit Kumar
74		BTCE2501074	TANISHQ SINGH		
75	G38	BTCE2501075	TUSHAR MISHRA	Different types of brick bonds with their applications.	
76		BTCE2501076	UMESH VERMA		
77	G39	BTCE2501077	VAISHNAVI JAIN	Fire resistance of construction materials	
78		BTCE2501078	VEERENDRA SINGH KUSHWAH		
79	G40	BTCE2501079	VYOM TANKLE	Brick masonry bond strength study	Dr. Reema Sharma
80		BTCE2501080	VATHARTH AGARWAL		
81	G41	BTCE2501081	YATHARTH DUBEY	Investigate thermal insulation properties by constructing a small insulated box using foam or straw and measuring heat retention	
82		BTCE2501082	YUGANT KAILASIYA		

  
Dr. Raghyendra Sahu  
Coordinator, B. Tech 1st Year, CE

  
Dr. Reema Sharma  
Coordinator, B. Tech 1st Year, CE

  
Dr. Sanjay Tiwari  
HoD, Civil Engineering