

					Week1	Week1	Week2	Week2	Week3
					1	1	2	2	3
S. No.	Faculty	Experiment	Details	Lab Location	Tuesday	Friday	Tuesday	Friday	Tuesday
Ex1	Asim Tewari	Manufacturing and micromechanics of composites through additive manufacturing	- Manufacture composite using additive manufacturing - Measure its volume fraction and fibre size (using stereology) - Derive stiffness tensor using micromechanics	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	Q1 and R1	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3
Ex2	Sushil Mishra	Micro-Forming, formability analysis of Thin foils		MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	Q2 and R2	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4
Ex3	Shyam Karagadde	Microstructure formation in materials	- Real-time observation and measurements of dendritic structures during solidification	Solidification lab (Next to steam power lab on library road) (19.13454964535568, 72.91730760154688)	Q3 and R3	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5
Ex4	Amol Gokhale	Metal additive manufacturing	- Observe metal wire additive manufacturing process - Examine microstructure, porosity and surface on deposited parts - Calculate porosity and surface roughness and relate to process parameters	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	Q4 and R4	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6
Ex5	MTL Lab (Pradeep/Gurminder)	Wire Edm And Its Process Capability	<ul style="list-style-type: none"> To study the process of wire EDM To study the effect of pulse ON time and peak current on kerf and MRR To estimate the process performance of a machining process using and R charts 	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q5 and R5	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7
Ex6	MTL Lab (Pradeep/Gurminder)	Fixtures	<ul style="list-style-type: none"> To learn about fixtures and study 3-2-1 principle of location To study various elements of the modular fixturing set and develop a fix line for a given component using various modular fixture element 	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q6 and R6	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8
Ex7	MTL Lab (Pradeep/Gurminder)	Study Of Hydro-Copying Attachment In Lathe	<ul style="list-style-type: none"> To study the principle and elements of hydro-copying attachment To conduct a test by turning the profile from the master 	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q7 and R7	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9
Ex8	MTL Lab (Pradeep/Gurminder)	Analysis Of Chip Formation In Orthogonal Cutting	<ul style="list-style-type: none"> To evaluate shear angle and friction angle in orthogonal cutting 	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q8 and R8	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10
Ex9	MTL Lab (Pradeep/Gurminder)	Measurement And Mechanistic Modeling Of Cutting Forces In End Milling Operation	<ul style="list-style-type: none"> To measure the cutting forces during milling operation using a dynamometer To understand and verify the mechanistic force model for the prediction of forces during the milling operation 	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q9 and R9	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1
Ex10	Workshop (Amitava De)	Introduction to shielded metal arc welding (SMAW) and gas metal arc welding (GMAW) processes		Welding lab (adj. workshop)	Q10 and R10	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2

	Week3	Week4	Week4	Week5	Week5	Week6	Week6	Week7	Week7	Week8	Week8	Week9	Week9	Week10
	3	4	4	5	5	6	6	7	7	8	8	9	9	10
S. No.	Friday	Tuesday	Friday	Tuesday	Friday	Tuesday	Friday	Tuesday	Friday	Tuesday	Friday	Tuesday	Friday	Tuesday
Ex1	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10
Ex2	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1
Ex3	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2
Ex4	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3
Ex5	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4
Ex6	P8 and S8	Q9 and R9	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5
Ex7	P9 and S9	Q10 and R10	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6
Ex8	P10 and S10	Q1 and R1	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7
Ex9	P1 and S1	Q2 and R2	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8
Ex10	P2 and S2	Q3 and R3	P3 and S3	Q4 and R4	P4 and S4	Q5 and R5	P5 and S5	Q6 and R6	P6 and S6	Q7 and R7	P7 and S7	Q8 and R8	P8 and S8	Q9 and R9

	Week10
	10
S. No.	Friday
Ex1	P10 and S10
Ex2	P1 and S1
Ex3	P2 and S2
Ex4	P3 and S3
Ex5	P4 and S4
Ex6	P5 and S5
Ex7	P6 and S6
Ex8	P7 and S7
Ex9	P8 and S8
Ex10	P9 and S9

	Batch No. P	Roll Number of students
	P1	210100144, 210100048, 210100156, 210100175, 210110072, 210040024
	P2	210100064, 21D100001, 210040012, 210040139, 210100114, 210100137
	P3	210020004, 21D100012, 210100154, 210101001, 210100054, 210040077
	P4	210100105, 210100169, 210100072, 210100108, 210100138, 210040056
	P5	210040050, 210020055, 210100037, 210100145, 210100019, 210100027
	P6	210100126, 210100033, 21D180041, 210100102, 21D100007, 210100009
	P7	210100075, 21D100002, 210100118, 210100062, 210100056,
	P8	210100162, 210100016, 21D100004, 210100132, 210100110,
	P9	210100136, 210100101, 21D100015, 210100112, 210100116,
	P10	210100015, 210100005, 210100003, 21D100024, 21D100022,
	Batch No. Q	Roll Number of students
	Q1	210100077, 210100158, 210100109, 210100146, 210100113, 21D180002
	Q2	210100134, 210100080, 210100047, 210100147, 210100076, 210100079
	Q3	210100104, 210100017, 210100139, 210100089, 210100049, 210100053
	Q4	210100026, 210100150, 210100159, 210100059, 210100099, 210100025
	Q5	210100035, 210020117, 210100121, 21D100003, 210020019, 21D100023
	Q6	210020061, 210020129, 210020120, 210020156, 210010002, 210100069
	Q7	210020049, 210100034, 210100039, 210110049, 210100165,
	Q8	21D170012, 21D100008, 210100055, 210110024, 21D100018,
	Q9	210040142, 210100157, 210100168, 210100166, 21D100016,
	Q10	210100111, 210100090, 210100060, 21D100020, 210100151,
	Batch No. R	Roll Number of students
	R1	210100095, 210100122, 210100029, 210021001, 210100002, 210100127
	R2	210100091, 210100152, 210100094, 210100130, 210100028, 21D100010
	R3	210100045, 21D100019, 210100124, 21D100013, 210100040210100167
	R4	210100153, 210100082, 210100018, 210100046, 21D100017, 210100014
	R5	210100007, 210100030, 210100107, 21D100005, 210100004, 210100092
	R6	21D100009, 210100020, 210100142, 210100164, 210100119, 210100115
	R7	210100013, 210100093, 210100078, 210100171, 210100074,
	R8	210100103, 210100087, 210100058, 210100173, 210020093,
	R9	210100141, 210100135, 210020130, 210040064, 210040011,
	R10	210100174, 210020100, 210100125, 210100120, 210110040,
	Batch No. S	Roll Number of students
	S1	210100097, 210040048, 210040160, 210100129, 210100044, 210100085
	S2	210100043, 210100067, 21D110001, 21D170022, 210100061, 210100172
	S3	210100140, 210100024, 210100071, 210100050, 210100117, 210100073
	S4	210100051, 210100008, 210100022, 210100010, 210100041, 210100065
	S5	210100161, 210100086, 210100155, 21D100025, 210100070, 210100032
	S6	210100123, 210100084, 210100023, 210100012, 210100042, 210100133
	S7	210100083, 210100148, 210100057, 21D100021, 210100081,
	S8	210100088, 210100128, 210100163, 210100100, 210100066,
	S9	210100170, 210100031, 210100052, 21D100014, 210100096,
	S10	210100160, 210100038, 210100068, 210100098, 21D100011,

	TIMINGS	P-Batch:	2:00 - 3:30 pm			S-Batch:	3:30 - 5:00 pm					
		Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week10	Week11
	Date =>	11-Aug-2023	18-Aug-2023	25-Aug-2023	1-Sep-2023	8-Sep-2023	15-Sep-2023	29-Sep-2023	6-Oct-2023	13-Oct-2023	20-Oct-2023	27-Oct-2023
S. No.	Lab Location	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday	Friday
Ex1	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	P1 and S1	P2 and S2	P3 and S3	P4 and S4	P5 and S5	P6 and S6	P7 and S7	P8 and S8	P9 and S9	P10 and S10	REPEAT SESSION
Ex2	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	P2 and S2	P3 and S3	P4 and S4	P5 and S5	P6 and S6	P7 and S7	P8 and S8	P9 and S9	P10 and S10	P1 and S1	
Ex3	Solidification lab (Next to steam power lab on library road) (19.13454964535568, 72.91730760154688)	P3 and S3	P4 and S4	P5 and S5	P6 and S6	P7 and S7	P8 and S8	P9 and S9	P10 and S10	P1 and S1	P2 and S2	
Ex4	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	P4 and S4	P5 and S5	P6 and S6	P7 and S7	P8 and S8	P9 and S9	P10 and S10	P1 and S1	P2 and S2	P3 and S3	
Ex5	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	P5 and S5	P6 and S6	P7 and S7	P8 and S8	P9 and S9	P10 and S10	P1 and S1	P2 and S2	P3 and S3	P4 and S4	
Ex6	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	P6 and S6	P7 and S7	P8 and S8	P9 and S9	P10 and S10	P1 and S1	P2 and S2	P3 and S3	P4 and S4	P5 and S5	
Ex7	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	P7 and S7	P8 and S8	P9 and S9	P10 and S10	P1 and S1	P2 and S2	P3 and S3	P4 and S4	P5 and S5	P6 and S6	
Ex8	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	P8 and S8	P9 and S9	P10 and S10	P1 and S1	P2 and S2	P3 and S3	P4 and S4	P5 and S5	P6 and S6	P7 and S7	
Ex9	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	P9 and S9	P10 and S10	P1 and S1	P2 and S2	P3 and S3	P4 and S4	P5 and S5	P6 and S6	P7 and S7	P8 and S8	
Ex10	Welding lab (adj. workshop)	P10 and S10	P1 and S1	P2 and S2	P3 and S3	P4 and S4	P5 and S5	P6 and S6	P7 and S7	P8 and S8	P9 and S9	

	TIMINGS	Q-Batch:	2:00 - 3:30 pm			R-Batch:	3:30 - 5:00 pm					
		Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week10	Week12
	Date =>	8-Aug-2023	22-Aug-2023	29-Aug-2023	5-Sep-2023	12-Sep-2023	26-Sep-2023	3-Oct-2023	10-Oct-2023	17-Oct-2023	20-Oct-2023	31-Oct-2023
S. No.	Lab Location	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday
Ex1	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	REPEAT SESSION
Ex2	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	
Ex3	Solidification lab (Next to steam power lab on library road) (19.13454964535568, 72.91730760154688)	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	
Ex4	MMMF (https://goo.gl/maps/WyLLtt496NGAqYXA9)	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	
Ex5	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	
Ex6	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	
Ex7	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q7 and R7	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	
Ex8	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q8 and R8	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	
Ex9	Machine Tool Lab (MTL) https://goo.gl/maps/wzzedJL4cUad6vUEA	Q9 and R9	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	
Ex10	Welding lab (adj. workshop)	Q10 and R10	Q1 and R1	Q2 and R2	Q3 and R3	Q4 and R4	Q5 and R5	Q6 and R6	Q7 and R7	Q8 and R8	Q9 and R9	

Tuesday	1-Aug-2023	
Friday	4-Aug-2023	Introduction
Tuesday	8-Aug-2023	1
Friday	11-Aug-2023	1
Tuesday	15-Aug-2023	HOLIDAY
Friday	18-Aug-2023	2
Tuesday	22-Aug-2023	2
Friday	25-Aug-2023	3
Tuesday	29-Aug-2023	3
Friday	1-Sep-2023	4
Tuesday	5-Sep-2023	4
Friday	8-Sep-2023	5
Tuesday	12-Sep-2023	5
Friday	15-Sep-2023	6
Tuesday	19-Sep-2023	MID SEM
Friday	22-Sep-2023	MID SEM
Tuesday	26-Sep-2023	6
Friday	29-Sep-2023	7
Tuesday	3-Oct-2023	7
Friday	6-Oct-2023	8
Tuesday	10-Oct-2023	8
Friday	13-Oct-2023	9
Tuesday	17-Oct-2023	9
Friday	20-Oct-2023	10
Tuesday	24-Oct-2023	HOLIDAY
Friday	27-Oct-2023	Repeat lab
Tuesday	31-Oct-2023	10
Friday	3-Nov-2023	
Tuesday	7-Nov-2023	Repeat lab
Friday	10-Nov-2023	
Tuesday	14-Nov-2023	