

STUDY PLAN

Engineering Mathematics by Payal Ma'am

Time 12:15 AM to 2:15 PM

Date	Day	Topic
		Linear Algebra_Class_1
		Linear Algebra_Class_2
		Linear Algebra_Class_3
		Linear Algebra_Class_4
		Linear Algebra_Class_5
		Linear Algebra_Class_6
		Linear Algebra_Class_7
		Linear Algebra_Class_8
		Calculus_Class_1
		Calculus_Class_2
		Calculus_Class_3
		Calculus_Class_4
		Calculus_Class_5
		Calculus_Class_6
		Calculus_Class_7
		Calculus_Class_8
		Calculus_Class_9
		Differential Equations_Class_1
		Differential Equations_Class_2
		Differential Equations_Class_3
		Differential Equations_Class_4
		Differential Equations_Class_5
		Differential Equations_Class_6
		Differential Equations_Class_7
		Probability and Statistics_Class_1
		Probability and Statistics_Class_2
		Probability and Statistics_Class_3
		Probability and Statistics_Class_4
		Probability and Statistics_Class_5
		Numerical Methods_Class_1

Recorded Classes

		Numerical Methods_Class_2
		Numerical Methods_Class_3
		Numerical Methods_Class_4
		Numerical Methods_Class_5
		Numerical Methods_Class_6
Fundamental Of Biological Engineering by Payal Ma'am		
Recorded Classes		Engineering Principle Applied To System_Class_1
		Engineering Principle Applied To System_Class_2
		Engineering Principle Applied To System_Class_3
		Engineering Principle Applied To System_Class_4
		Engineering Principle Applied To System_Class_5
		Transport Process_Class_1
		Transport Process_Class_2
		Transport Process_Class_3
		Transport Process_Class_4
		Transport Process_Class_5
		Transport Process_Class_6
29-Sep-25	Monday	Transport Process_Class_7
30-Sep-25	Tuesday	Transport Process_Class_8
1-Oct-25	Wednesday	Transport Process_Class_9
3-Oct-25	Friday	Transport Process_Class_10
4-Oct-25	Saturday	Transport Process_Class_11
6-Oct-25	Monday	Transport Process_Class_12
7-Oct-25	Tuesday	Transport Process_Class_13
8-Oct-25	Wednesday	Transport Process_Class_14
9-Oct-25	Thursday	Transport Process_Class_15
10-Oct-25	Friday	Classical Thermodynamics And Bioenergetics_Class_1
Bioprocess Engineering by Payal Ma'am		
11-Oct-25	Saturday	Bioreaction Engineering_Class_1
13-Oct-25	Monday	Bioreaction Engineering_Class_2
14-Oct-25	Tuesday	Bioreaction Engineering_Class_3
15-Oct-25	Wednesday	Bioreaction Engineering_Class_4
16-Oct-25	Thursday	Bioreaction Engineering_Class_5
17-Oct-25	Friday	Bioreaction Engineering_Class_6

24-Oct-25	Friday	Bioreaction Engineering_Class_7
25-Oct-25	Saturday	Bioreaction Engineering_Class_8
27-Oct-25	Monday	Bioreaction Engineering_Class_9
28-Oct-25	Tuesday	Bioreaction Engineering_Class_10
29-Oct-25	Wednesday	Bioreaction Engineering_Class_11
30-Oct-25	Thursday	Bioreaction Engineering_Class_12
31-Oct-25	Friday	Bioreaction Engineering_Class_13
1-Nov-25	Saturday	Bioreaction Engineering_Class_14
3-Nov-25	Monday	Bioreaction Engineering_Class_15
4-Nov-25	Tuesday	Upstream And Downstream Processing_Class_1
5-Nov-25	Wednesday	Upstream And Downstream Processing_Class_2
6-Nov-25	Thursday	Upstream And Downstream Processing_Class_3
7-Nov-25	Friday	Upstream And Downstream Processing_Class_4
8-Nov-25	Saturday	Upstream And Downstream Processing_Class_5
10-Nov-25	Monday	Upstream And Downstream Processing_Class_6
11-Nov-25	Tuesday	Upstream And Downstream Processing_Class_7
12-Nov-25	Wednesday	Upstream And Downstream Processing_Class_8
13-Nov-25	Thursday	Upstream And Downstream Processing_Class_9
14-Nov-25	Friday	Upstream And Downstream Processing_Class_10
15-Nov-25	Saturday	Instrumentaion And Process Control_Class_1
17-Nov-25	Monday	Instrumentaion And Process Control_Class_2
18-Nov-25	Tuesday	Instrumentaion And Process Control_Class_3
19-Nov-25	Wednesday	Instrumentaion And Process Control_Class_4
20-Nov-25	Thursday	Instrumentaion And Process Control_Class_5
Computational Tool And Bioinformatics by Payal Ma'am		
21-Nov-25	Friday	Bioinformatic Resources_Class_1
22-Nov-25	Saturday	Database Searches Lecture_Class_1
24-Nov-25	Monday	Database Searches Lecture_Class_2
25-Nov-25	Tuesday	Sequence Analysis_Class_1
26-Nov-25	Wednesday	Scoring Matrix_Class_1
27-Nov-25	Thursday	Alignment_Class_1
28-Nov-25	Friday	Phylogeny Lecture_Class_1
29-Nov-25	Saturday	Phylogeny Lecture_Class_2
1-Dec-25	Monday	Secondary Structure Prediction_Class_1

2-Dec-25	Tuesday	Tertiary Structure Prediction_Class_1
3-Dec-25	Wednesday	Proteomics_Class_1
4-Dec-25	Thursday	Genomics_Class_1
5-Dec-25	Friday	Metagenomics_Class_1
Microbiology by Payal Ma'am		
6-Dec-25	Saturday	Bacterial Classification_Class_1
8-Dec-25	Monday	Bacterial Diversity_Class_1
9-Dec-25	Tuesday	Microbial Ecology Lecture_Class_1
10-Dec-25	Wednesday	Microbial Ecology Lecture_Class_2
11-Dec-25	Thursday	Microbial Interaction_Class_1
12-Dec-25	Friday	Viruses Lecture_Class_1
13-Dec-25	Saturday	Viruses Lecture_Class_2
15-Dec-25	Monday	Methods In Microbiology Lecture_Class_1
16-Dec-25	Tuesday	Methods In Microbiology Lecture_Class_2
17-Dec-25	Wednesday	Microbial Growth_Class_1
18-Dec-25	Thursday	Microbial Nutrition_Class_1
19-Dec-25	Friday	Nitrogen Fixation_Class_1
20-Dec-25	Saturday	Microbial Disease_Class_1
22-Dec-25	Monday	Microbial Host-pathogen Interaction_Class_1
23-Dec-25	Tuesday	Antibiotics_Class_1
24-Dec-25	Wednesday	Antimicrobial Resistance Lecture_Class_1
26-Dec-25	Friday	Antimicrobial Resistance Lecture_Class_2
Plant Biotechnology by Payal Ma'am		
27-Dec-25	Saturday	Totipotency_Class_1
29-Dec-25	Monday	Plant Growth Regulators And Ellicitor_Class_1
30-Dec-25	Tuesday	Tissue Culture And Cell Suspension Culture_Class_1
31-Dec-25	Wednesday	Kinetics Of Growth And Nutrient Optimization_Class_1
1-Jan-26	Thursday	Production Of Secondary Metabolites_Class_1
2-Jan-26	Friday	Hairy Root Cultue_Class_1
3-Jan-26	Saturday	Somaclonal Variation_Class_1
5-Jan-26	Monday	Micropropagation_Class_1
6-Jan-26	Tuesday	Protoplast Fusion_Class_1
7-Jan-26	Wednesday	Transgenic Plant_Class_1
8-Jan-26	Thursday	Selection Of Marker And Reporter Gene Lecture_Class_1

9-Jan-26	Friday	Selection Of Marker And Reporter Gene Lecture_Class_2
10-Jan-26	Saturday	Plastid Transformation_Class_1
Animal Biotechnology by Payal Ma'am		
12-Jan-26	Monday	Cell Culture_Class_1
13-Jan-26	Tuesday	Cell Culture Media And Growth Formulation_Class_1
14-Jan-26	Wednesday	Tissue Preservation_Class_1
15-Jan-26	Thursday	Kinetics Of Cell Growth_Class_1
16-Jan-26	Friday	Hybridoma Technology_Class_1
17-Jan-26	Saturday	Stem Cell Technology_Class_1
19-Jan-26	Monday	Animal Cloning_Class_1
20-Jan-26	Tuesday	Transgenic Animals_Class_1
21-Jan-26	Wednesday	Knock Out And Knock In Animals_Class_1
Microbial Biotechnology by Payal Ma'am		
22-Jan-26	Thursday	Biofuels_Class_1
23-Jan-26	Friday	Bioplastic_Class_1
24-Jan-26	Saturday	Bioplastic_Class_2
27-Jan-26	Tuesday	Production Of Recombinant Protein_Class_1
28-Jan-26	Wednesday	Clinical Microbiology_Class_1
22-Jan-26	Thursday	Food Microbiology_Class_1
23-Jan-26	Friday	Industrial Microbiology Lecture_Class_1
24-Jan-26	Saturday	Industrial Microbiology Lecture_Class_2