

## Engineering Mathematics by Payal Ma'am

Time 12:15 AM to 2:15 PM

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

Recording	Tuesday	Numerical Methods_Class_1
Recording	Wednesday	Numerical Methods_Class_2
Recording	Thursday	Numerical Methods_Class_3
Recording	Friday	Numerical Methods_Class_4
Recording	Saturday	Numerical Methods_Class_5
Recording	Monday	Numerical Methods_Class_6

### **Fundamental Of Biological Engineering by Payal Ma'am**

Recording	Tuesday	Engineering Principle Applied To System_Class_1
Recording	Wednesday	Engineering Principle Applied To System_Class_2
Recording	Thursday	Engineering Principle Applied To System_Class_3
Recording	Friday	Engineering Principle Applied To System_Class_4
Recording	Saturday	Engineering Principle Applied To System_Class_5
Recording	Monday	Transport Process_Class_1
Recording	Tuesday	Transport Process_Class_2
Recording	Wednesday	Transport Process_Class_3
Recording	Thursday	Transport Process_Class_4
Recording	Friday	Transport Process_Class_5
Recording	Saturday	Transport Process_Class_6
Recording	Monday	Transport Process_Class_7
Recording	Tuesday	Transport Process_Class_8
Recording	Wednesday	Transport Process_Class_9
Recording	Friday	Transport Process_Class_10
Recording	Saturday	Transport Process_Class_11
Recording	Monday	Transport Process_Class_12
Recording	Tuesday	Transport Process_Class_13
Recording	Wednesday	Transport Process_Class_14
Recording	Thursday	Transport Process_Class_15
Recording	Friday	Classical Thermodynamics And Bioenergetics_Class_1

### **Bioprocess Engineering by Payal Ma'am**

Recording	Saturday	Bioreaction Engineering_Class_1
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Recording	Monday	Bioreaction Engineering_Class_2
Recording	Tuesday	Bioreaction Engineering_Class_3
Recording	Wednesday	Bioreaction Engineering_Class_4
Recording	Thursday	Bioreaction Engineering_Class_5
Recording	Friday	Bioreaction Engineering_Class_6
Recording	Friday	Bioreaction Engineering_Class_7
Recording	Saturday	Bioreaction Engineering_Class_8
Recording	Monday	Bioreaction Engineering_Class_9
Recording	Tuesday	Bioreaction Engineering_Class_10
Recording	Wednesday	Bioreaction Engineering_Class_11
Recording	Thursday	Bioreaction Engineering_Class_12
Recording	Friday	Bioreaction Engineering_Class_13
Recording	Saturday	Bioreaction Engineering_Class_14
Recording	Monday	Bioreaction Engineering_Class_15
Recording	Tuesday	Upstream And Downstream Processing_Class_1
Recording	Wednesday	Upstream And Downstream Processing_Class_2
Recording	Thursday	Upstream And Downstream Processing_Class_3
Recording	Friday	Upstream And Downstream Processing_Class_4
Recording	Saturday	Upstream And Downstream Processing_Class_5
Recording	Monday	Upstream And Downstream Processing_Class_6
Recording	Tuesday	Upstream And Downstream Processing_Class_7
Recording	Wednesday	Upstream And Downstream Processing_Class_8
Recording	Thursday	Upstream And Downstream Processing_Class_9
Recording	Friday	Upstream And Downstream Processing_Class_10
Recording	Saturday	Instrumentation And Process Control_Class_1
Recording	Monday	Instrumentation And Process Control_Class_2
Recording	Tuesday	Instrumentation And Process Control_Class_3
Recording	Wednesday	Instrumentation And Process Control_Class_4
Recording	Thursday	Instrumentation And Process Control_Class_5
<b>Computational Tool And Bioinformatics by Payal Ma'am</b>		
Recording	Friday	Bioinformatic Resources_Class_1

Recording	Saturday	Database Searches Lecture_Class_1
Recording	Monday	Database Searches Lecture_Class_2
Recording	Tuesday	Sequence Analysis_Class_1
Recording	Wednesday	Scoring Matrix_Class_1
Recording	Thursday	Alignment_Class_1
Recording	Friday	Phylogeny Lecture_Class_1
Recording	Saturday	Phylogeny Lecture_Class_2
Recording	Monday	Secondary Structure Prediction_Class_1
Recording	Tuesday	Tertiary Structure Prediction_Class_1
Recording	Wednesday	Proteomics_Class_1
Recording	Thursday	Genomics_Class_1
Recording	Friday	Metagenomics_Class_1

## Microbiology by Payal Ma'am

Recording	Saturday	Bacterial Classification_Class_1
Recording	Monday	Bacterial Diversity_Class_1
Recording	Tuesday	Microbial Ecology Lecture_Class_1
Recording	Wednesday	Microbial Ecology Lecture_Class_2
Recording	Thursday	Microbial Interaction_Class_1
Recording	Friday	Viruses Lecture_Class_1
Recording	Saturday	Viruses Lecture_Class_2
Recording	Monday	Methods In Microbiology Lecture_Class_1
Recording	Tuesday	Methods In Microbiology Lecture_Class_2
Recording	Wednesday	Microbial Growth_Class_1
Recording	Thursday	Microbial Nutrition_Class_1
Recording	Friday	Nitrogen Fixation_Class_1
Recording	Saturday	Microbial Disease_Class_1
Recording	Monday	Microbial Host-pathogen Interaction_Class_1
Recording	Tuesday	Antibiotics_Class_1
Recording	Wednesday	Antimicrobial Resistance Lecture_Class_1
Recording	Friday	Antimicrobial Resistance Lecture_Class_2

## Plant Biotechnology by Payal Ma'am

Recording	Saturday	Totipotency_Class_1
Recording	Monday	Plant Growth Regulators And Ellicitor_Class_1
Recording	Tuesday	Tissue Culture And Cell Suspension Culture_Class_1
Recording	Wednesday	Kinetics Of Growth And Nutrient Optimization_Class_1
Recording	Thursday	Production Of Secondary Metabolites_Class_1
Recording	Friday	Hairy Root Cultue_Class_1
Recording	Saturday	Somaclonal Variation_Class_1
Recording	Monday	Micropropogation_Class_1
Recording	Tuesday	Protoplast Fusion_Class_1
Recording	Wednesday	Transgenic Plant_Class_1
Recording	Thursday	Selection Of Marker And Reporter Gene Lecture_Class_1
Recording	Friday	Selection Of Marker And Reporter Gene Lecture_Class_2
Recording	Saturday	Plastid Transformation_Class_1

## Animal Biotechnology by Payal Ma'am

Recording	Monday	Cell Culture_Class_1
Recording	Tuesday	Cell Culture Media And Growth Formulation_Class_1
Recording	Wednesday	Tissue Preservation_Class_1
Recording	Thursday	Kinetics Of Cell Growth_Class_1
Recording	Friday	Hybridoma Technology_Class_1
Recording	Saturday	Stem Cell Technology_Class_1
Recording	Monday	Animal Cloning_Class_1
Recording	Tuesday	Transgenic Animals_Class_1
Recording	Wednesday	Knock Out And Knock In Animals_Class_1

## Microbial Biotechnology by Payal Ma'am

Recording	Thursday	Biofuels_Class_1
Recording	Friday	Biopastic_Class_1
Recording	Saturday	Biopastic_Class_2
Recording	Tuesday	Production Of Recombinant Protein_Class_1
Recording	Wednesday	Clinical Microbiology_Class_1

Recording	Thursday	Food Microbiology_Class_1
Recording	Friday	Indusrtial Microbiology Lecture_Class_1
Recording	Saturday	Indusrtial Microbiology Lecture_Class_2