

Lesson Plan

Name of the	Assistant	/ Associate Professor: Er. Chirag
Class and Section		M.Sc. (Math ) 3rd Sem. (A+B)
Subject:		MATLAB & Practical Part
Week		Topics
<b>3</b>	Day 1	Intorduction to programming
	Day 2	MATLAB Introduction
	Day 3	How to install matlab and start matlab
	Day 4	Basics of MATLAB
	Day 5	Matlab installation
	<b>7/21/2018</b>	<u>3rd Saturday</u>
	<b>7/22/2018</b>	Sunday
<b>4</b>	Day 6	Last week revision and variable introduction
	Day 7	Basic Commands in matlab and there use
	Day 8	Data types in Matlab
	Day 9	Data types in Matlab Complete
	Day 10	intorduction and working with M file
	Day 11	
	<b>7/29/2018</b>	Sunday
<b>1</b>	Day 12	Operators
	Day 13	Complex Numbers and complete operators
	Day 14	Input and Output Functions
	Day 15	Vector , Access Elements within vector
	Day 16	Basic operations on vector Unit 1 Complete
	Day 17	
	<b>8/5/2018</b>	Sunday
<b>2</b>	Day 18	Matrix Intorduction
	Day 19	Matrix and Matrix operations complete , vector functions
	Day 20	cell array, looping for and while loop
	Day 21	If , If else, & if elseif end statements
	Day 22	looping, cell array, conditional statements complete
	Day 23	
	<b>8/12/2018</b>	Sunday
<b>3</b>	Day 24	Function, Built In, Primary and secondary, Inline functions
	Day 26	function handling and blank m file concept and function file
	<b>8/15/2018</b>	<u>15th August Independence Day</u>
	Day 27	Unit-1 Full revision

	Day 28	Unit -1 revise
	<b>8/18/2018</b>	<u>3rd Saturday</u>
	<b>8/19/2018</b>	Sunday
<b>4</b>	Day 29	Unit -1 revise
	Day 30	Unit Test -1 and Assignment
	Day 31	Unit Test 1 Explanation
	Day 32	Vector (Revise) on students request
	Day 33	Assignment Day and paper solutions
	Day 34	
	<b>8/26/2018</b>	Sunday
<b>1</b>	Day 35	String and cell array concepts
	Day 36	String Functions Unit 2 Complete
	Day 37	Introduction to unit 4
	Day 38	saving and recalling data and saving a session as a text
	Day 39	plot & Graph - Basics of plotting like xlabel,ylabel,title etc.
	Day 40	
	<b>9/2/2018</b>	Sunday
<b>2</b>	9/3/2018	<u>Janamashtmi</u>
	Day 41	2D Plots and Rules of plotting
	Day 42	Revise of Unit 2
	Day 43	Practical work starts into lab
	Day 44	Unit 1 Introduction to matlab experiment 1 complete
	Day 45	
	<b>9/9/2018</b>	Sunday
<b>3</b>	Day 46	Exp 1 complete
	Day 47	Complex Number Experiment
	Day 48	Matrix Program Complete
	Day 49	looping Factorial Experiment
	Day 50	
	<b>9/15/2018</b>	<u>3rd Saturday</u>
	<b>9/16/2018</b>	Sunday
<b>4</b>	Day 51	Experiment Upto 4
	Day 52	Function Experiment Inline, Built In and Max of 5 number
	Day 53	Primary and Secondary Function with Quadartic Example
	Day 54	Experiments Complete Upto unit 2 , plotting simple
	Day 55	Unit 4 saving and recalling data
	Day 56	
	<b>9/23/2018</b>	Sunday

5	Day 57	Unit Test-2
	Day 58	Paper Revision and asked for assignment
	Day 59	Specialized 2-D plots, Overlay Plots
	Day 60	3-D plots, Interplotted Surface plot, Using subplot for Multiple
	Day 61	Saving and printing graphs
	Day 62	
	<b>9/30/2018</b>	Sunday
1	Day 63	Mesh, Contour, Contourf
	<b>10/2/2018</b>	<u>2nd October Mahatma Gandhi Jayanti</u>
	Day 64	Optimization and Numerical Integration, Root Finding
	Day 65	Unit 4 Complete Revision
	Day 66	Unit 3 Linear system solving, Finding eigen value and vectors
	Day 67	
	<b>10/7/2018</b>	<u>Sunday</u>
2	Day 68	polynomial curve fitting on fly, Roots finding
	Day 69	Interpolation
	Day 70	Data analysis and statics
	Day 71	Numerical Integration
	Day 72	Numerical Integration Complete
	Day 73	
3	<b>10/14/2018</b>	Sunday
	Day 74	Differential Equations
	Day 75	Differential Equations Complete
	Day 76	Anatomy of program and good programming style
	<b>10/18/2018</b>	<u>Dussehra</u>
	Day 77	Syllabus complete
	<b>10/20/2018</b>	<u>3rd Saturday</u>
	<b>10/21/2018</b>	Sunday
4	Day 77	Unit Test/ Class Test 3
	Day 78	Revise and Problem Day
	Day 79	Assignment
	Day 80	Revise and Problem Day
	Day 81	Revise and Problem Day
	<b>10/27/2018</b>	<u>Karwa Chauth</u>
	<b>10/28/2018</b>	Sunday
	Day 82	Some Important Questions on Exam Prespective
	Day 83	Experiments of Unit 3 & 4
	Day 84	Experiments of Unit 3 & 4

<b>1</b>	Day 85	Experiments of Unit 3 & 4
	Day 86	Practical file assessment
	Day 87	
	<b>11/4/2018</b>	Sunday
<b>2</b>	<b>11/5/2018</b>	<u>Diwali Vacations</u>
	<b>11/6/2018</b>	<u>Diwali Vacations</u>
	<b>11/7/2018</b>	<u>Diwali Vacations</u>
	<b>11/8/2018</b>	<u>Diwali Vacations</u>
	<b>11/9/2018</b>	<u>Diwali Vacations</u>
	<b>11/10/2018</b>	<u>Diwali Vacations</u>
	<b>11/11/2018</b>	Sunday
<b>3</b>	Day 88	Revise and Problem Day
	Day 89	Revise and Problem Day
	Day 90	Revise and Problem Day
	Day 91	Revise and Problem Day
	Day 92	Revise and Problem Day
	<b>11/17/2018</b>	<u>3rd Saturday</u>
	11/18/2018	Sunday
<b>4</b>	Day 93	Revise and Problem Day
	Day 94	Revise and Problem Day
	Day 95	Revise and Problem Day
	Day 96	Revise and Problem Day
	Day 97	Revise and Problem Day
	Day 98	Revise and Problem Day
	11/24/2018	Revise and Problem Day
		EXAMS OF UNIVERSITY

Lesson Plan

Name of the	Assistant	/ Associate Professor: Er. Chirag
Class and Section		B.Sc.(HP) 3rd Sem
Subject:		Computer Fundamental & Programming-1
Week		Topics
<b>3</b>	Day 1	
	Day 2	Basics of Computer
	Day 3	Computer Functioning
	Day 4	Input Devices
	Day 5	
	<b>7/21/2018</b>	<u>3rd Saturday</u>
	<b>7/22/2018</b>	Sunday
<b>4</b>	Day 6	
	Day 7	Output Devices
	Day 8	Working with instructions
	Day 9	Computer Architecture
	Day 10	
	Day 11	
	<b>7/29/2018</b>	Sunday
<b>1</b>	Day 12	
	Day 13	Programmers Model of Computer
	Day 14	Inter types Computer System
	Day 15	Brief Intro to Data Storage
	Day 16	
	Day 17	
	<b>8/5/2018</b>	Sunday
<b>2</b>	Day 18	
	Day 19	RAM & ROM
	Day 20	Secondary Storage
	Day 21	Computer Full Memory
	Day 22	
	Day 23	
	<b>8/12/2018</b>	Sunday
<b>3</b>	Day 24	
	Day 26	Data Types & Operators
	<b>8/15/2018</b>	<u>15th August Independence Day</u>
	Day 27	Number System

	Day 28	
	<b>8/18/2018</b>	<u>3rd Saturday</u>
	<b>8/19/2018</b>	Sunday
<b>4</b>	Day 29	
	Day 30	Assignement and Unit Test
	Day 31	Fortran Starts
	Day 32	Intorduction to Programming
	Day 33	
	Day 34	
	<b>8/26/2018</b>	Sunday
<b>1</b>	Day 35	
	Day 36	Alogorithm and Flowchart
	Day 37	Fortran Programming syntax
	Day 38	Variable and Data Types
	Day 39	
	Day 40	
	<b>9/2/2018</b>	Sunday
<b>2</b>	9/3/2018	<u>Janamashtmi</u>
	Day 41	Operators with example
	Day 42	Real and Interger Variables
	Day 43	Integer and Floating Point Airthmetic
	Day 44	
	Day 45	
	<b>9/9/2018</b>	Sunday
<b>3</b>	Day 46	
	Day 47	Input and Output Statements With Example
	Day 48	Executable and Non-Executable Statements
	Day 49	Complex Number Management
	Day 50	
	<b>9/15/2018</b>	<u>3rd Saturday</u>
	<b>9/16/2018</b>	Sunday
<b>4</b>	Day 51	
	Day 52	Character Data Management
	Day 53	Common Statement & DO statement
	Day 54	Block IF Statement
	Day 55	
	Day 56	
	<b>9/23/2018</b>	Sunday

5	Day 57	
	Day 58	Logical IF and Airthmetic IF Statement
	Day 59	2nd Class TEST
	Day 60	Explanation Of Class Test and Result
	Day 61	
	Day 62	
	9/30/2018	Sunday
1	Day 63	
	10/2/2018	<u>2nd October Mahatma Gandhi Jayanti</u>
	Day 64	Control Statement & Error and its types
	Day 65	Array
	Day 66	
	Day 67	
	10/7/2018	<u>Sunday</u>
2            3	Day 68	
	Day 69	Function and Sub routine unit 2 Complete
	Day 70	Microprocessor 8085 Introduction
	Day 71	Fuctional and block diagram
	Day 72	
	Day 73	
	10/14/2018	Sunday
	Day 74	
	Day 75	Memory and addressing ,Microprocessor programming
	Day 76	8085 intruction set and format and alogorithm and flowcharts
	10/18/2018	<u>Dussehra</u>
	Day 77	
	10/20/2018	<u>3rd Saturday</u>
	10/21/2018	Sunday
4	Day 77	
	Day 78	Problem Solving and discussion day and Simple Programming
	Day 79	Addressing Modes
	Day 80	RIM & SIM unit 1 complete
	Day 81	
	10/27/2018	<u>Karwa Chauth</u>
	10/28/2018	Sunday
	Day 82	
	Day 83	3rd class Test
	Day 84	Revise

<b>1</b>	Day 85	Revise
	Day 86	
	Day 87	
	<b>11/4/2018</b>	Sunday
<b>2</b>	<b>11/5/2018</b>	<u>Diwali Vacations</u>
	<b>11/6/2018</b>	<u>Diwali Vacations</u>
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	<b>11/10/2018</b>	<u>Diwali Vacations</u>
	<b>11/11/2018</b>	Sunday
<b>3</b>	Day 88	
	Day 89	Revise and Problem Solving
	Day 90	Revise and Problem Solving
	Day 91	Revise and Problem Solving
	Day 92	
	<b>11/17/2018</b>	<u>3rd Saturday</u>
	11/18/2018	Sunday
<b>4</b>	Day 93	
	Day 94	Revise and Problem Solving
	Day 95	Revise and Problem Solving
	Day 96	Important Questions for Exam prespective
	Day 97	
	Day 98	
	11/24/2018	
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