



**SEMESTER - 1**

<b>SUBJECT CODES</b>	<b>SUBJECT NAME</b>	<b>**OFFERING DEPARTMENT</b>	<b>*COURSE NATURE (HARD/SOFT/WORKSHOP/NTCC)</b>
MAH501-T	ABSTRACT ALGEBRA	MA	HARD
MAH502-T	TOPOLOGY	MA	HARD
MAH503-T	DIFFERENTIAL EQUATIONS	MA	HARD
MAH504-T	GRAPH THEORY	MA	HARD
MAH505-T	OPERATIONS RESEARCH	MA	
MAH506-T	MATHEMATICAL MODELLING & SIMULATION	MA	
MAH507-P	MATHS LAB	MA	HARD
MAW508	SCILAB	MA	WORKSHOP
MAW509	MATHEMATICA		
MAW231	SPSS		
MAW225	LaTeX		
MAW119	STATISTICS USING EXCEL		
CSW102	HTML 5 & CSS	CST	
	RESEARCH METHODOLOGY		SOFT
<b>TOTAL (L-P-O/CONTACT HOURS/CREDITS)</b>			

**SEMESTER**

<b>SUBJECT CODES</b>	<b>SUBJECT NAME</b>	<b>**OFFERING DEPARTMENT</b>	<b>*COURSE NATURE (Hard/Soft/Workshop/NTCC)</b>
MAH510-T	ADVANCED LINEAR ALGEBRA	MA	HARD
MAH511-T	COMPLEX ANALYSIS	MA	HARD
MAH512-T	MEASURE THEORY	MA	HARD
MAH513-T	FUZZY SETS & FUZZY LOGIC	MA	HARD
MAH514-T	MATHEMATICAL STATISTICS		
MAH515-T	TOPOLOGY-II		
MAH516-P	MATHS LAB	MA	HARD
MAW508	SCILAB		

MAW509	MATHEMATICA	MA	WORKSHOP
MAW231	SPSS		
MAW225	LaTeX		
MAW119	STATISTICS USING EXCEL		
CSW102	HTML 5 & CSS	CST	
	PEDAGOGICAL SKILLS		SOFT

**TOTAL (L-P-O/CONTACT HOURS/CREDITS)**

MAW517	SUMMER TRAINING POST 2nd SEMESTER		
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**SEMESTER**

SUBJECT CODES	SUBJECT NAME	**OFFERING DEPARTMENT	*COURSE NATURE (Hard/Soft/ Workshop/ NTCC)
MAH618-T	FUNCTIONAL ANALYSIS	MA	HARD
MAH619-T	DIFFERENTIAL GEOMETRY	MA	HARD
MAH620-T	DYNAMICS OF RIGID BODY	MA	HARD
MAH621-T	CODING THEORY	MA	HARD
MAH622-T	GENERAL THEORY OF RELATIVITY AND WORLD MODEL		
MAH623-T	ADVANCED OPERATIONS RESEARCH		
MAH624-T	FOURIER ANALYSIS		
MAH625-P	MATHS LAB	MA	HARD
	BASKET OF COURSES BY MANAGEMENT DEPTT.	MC	SOFT
MAN626	SEMINAR	MA	NTCC

**TOTAL (L-P-O/CONTACT HOURS/CREDITS)**

**SEMESTER**

SUBJECT CODES	SUBJECT NAME	**OFFERING DEPARTMENT	*COURSE NATURE (Hard/Soft/ Workshop/ NTCC)
MAH627-T	WAVELET ANALYSIS	MA	HARD
MAH628-T	FLUID MECHANICS	MA	HARD
MAH629-T	ALGEBRAIC TOPOLOGY		
MAH630-T	CRYPTOGRAPHY		

MAH631-T	STRUCTURES ON DIFFERENTIABLE MANIFOLDS	MA	HARD
MAH632-T	THEORY OF ELASTICITY & FRACTURE MECHANICS		
MAH633-P	MATHS LAB	MA	HARD
MAN634	PROJECT	MA	NTCC
MAW508	SCILAB	MA	WORKSHOP
MAW509	MATHEMATICA		
MAW231	SPSS		
MAW225	LaTeX		
MAW119	STATISTICS USING EXCEL		
CSW102	HTML 5 & CSS	CST	
<b>TOTAL (L-P-O/CONTACT HOURS/CREDITS)</b>			

**UNIVERSITY**  
**MATHEMATICS**  
**PHYSICS (2016)**

<b>COURSE TYPE (CORE/ELECTIVE / UNIVERSITY COMPULSORY )</b>	<b>L</b>	<b>P</b>	<b>O</b>	<b>NO. OF CONTACT HOURS PER WEEK</b>	<b>NO. OF CREDITS</b>
CORE	4	0	0	4	4
CORE	4	0	0	4	4
CORE	4	0	0	4	4
ELECTIVE	4	0	0	4	4
CORE	0	4	0	4	2
ELECTIVE	0	3	0	3	2
CORE	1	2	0	3	2
	<b>17</b>	<b>9</b>		<b>26</b>	<b>22</b>

3 - 2

<b>COURSE TYPE (Core/Elective / University Compulsory)</b>	<b>L</b>	<b>P</b>	<b>O</b>	<b>NO. OF CONTACT HOURS PER WEEK</b>	<b>NO. OF CREDITS</b>
CORE	4	0	0	4	4
CORE	4	0	0	4	4
CORE	4	0	0	4	4
ELECTIVE	4	0	0	4	4
CORE	0	4	0	4	2

ELECTIVE	0	3	0	3	2
CORE	1	2	0	3	2
	<b>17</b>	<b>9</b>	<b>0</b>	<b>26</b>	<b>22</b>

					<b>3</b>
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3 - 3

COURSE TYPE (Core/Elective / University Compulsory)	L	P	O	NO. OF CONTACT HOURS PER WEEK	NO. OF CREDITS
CORE	4	0	0	4	4
CORE	4	0	0	4	4
CORE	4	0	0	4	4
ELECTIVE	4	0	0	4	4
CORE	0	4	0	4	2
ELECTIVE (Allied)	1	2	0	3	2
CORE	0	0	2	2	2
	<b>17</b>	<b>6</b>	<b>2</b>	<b>25</b>	<b>22</b>

3 - 4

COURSE TYPE (Core/Elective / University Compulsory)	L	P	O	NO. OF CONTACT HOURS PER WEEK	NO. OF CREDITS
CORE	4	0	0	4	4
CORE	4	0	0	4	4

ELECTIVE	4	0	0	4	4
CORE	0	4	0	4	2
CORE	0	0	6	6	6
ELECTIVE (ANY ONE)	0	3	0	3	2
	<b>12</b>	<b>7</b>	<b>6</b>	<b>25</b>	<b>22</b>
<b>GRAND TOTAL OF CREDITS</b>					<b>91</b>