

Credit wise Scheme for various practical subjects																								
PRACTICAL SUBJECT NAME	CREDIT POINTS	PROCEDURE WRITING	SKILL TEST	INTERNAL ASSESSMENT								PRACTICAL RECORD	LOG BOOK	TOTAL	EXTERNAL ASSESSMENT								PROJECT MARKS	
				VIVA 1	VIVA 2	VIVA 3	VIVA 4	VIVA 5	PROCEDURE WRITING	SKILL TEST	VIVA 1				VIVA 2	VIVA 3	VIVA 4	VIVA 5	PRACTICAL RECORD	LOG BOOK	TOTAL			
NAME OF SUBJECT OF SEM 8 AERONAUTICAL																								
8 AN4 - 21 Computational Fluid Dynamics (CFD) LAB	2 / 100	6	10	2	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30
NAME OF SUBJECTS OF SEM 8 MECHATRONICS																								
8 MH4 - 20 Signal Processing Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
8 MH4 - 21 Mechanical Vibration Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
NAME OF SUBJECT OF SEM 7 AERONAUTICAL																								
7 AN4 - 21 Aircraft Drafting Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
7 AN4 - 22 Aircraft Electrical and Instruments Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
7 AN4 - 23 Airframe Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
7 AN SPP - 1 Aircraft Electrical Systems Lab Part II (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
7 AN SPP - 2 Aircraft Instrument Systems Lab Part II (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
7 AN SPP - 3 CFD (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
NAME OF SUBJECTS OF SEM 7 MECHATRONICS																								
7 MH4 - 20 CAD & CAM Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
7 MH4 - 21 Robotics Laboratory (Cr 1)	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
7 MH4 - 22 Modelling & Simulation Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
NAME OF SUBJECT OF SEM 6 AERONAUTICAL																								
6 AN4 - 21 Propulsion Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 AN4 - 22 Composite Material Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 AN4 - 23 Avionics-I Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 AN4 - 24 Aero Modelling and Fabrication	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 AN SPP - 1 Aircraft Electrical Systems Lab Part I (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
6 AN SPP - 2 Aircraft Instrument Systems Lab Part I (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
6 AN SPP - 3 ANSYS	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
NAME OF SUBJECTS OF SEM 6 MECHATRONICS																								
6 MH4 - 21 Automobile Engineering Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 MH4 - 22 Micro Controller & Embedded System Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 MH4 - 23 Applied Hydraulics & Pneumatics Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 MH4 - 24 Object Oriented Programming Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
6 MH SPP - 1 Aircraft Electrical Systems Lab Part I (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
6 MH SPP - 2 Aircraft Instrument Systems Lab Part I (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
6 MH SPP - 3 ANSYS (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
NAME OF SUBJECT OF SEM 5 AERONAUTICAL																								
5 AN4 - 21 Aircraft Systems Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
5 AN4 - 22 Aircraft Structures Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
5 AN4 - 23 Aircraft Maintenance Practices Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
5 AN4 - 24 Aircraft/ Aerospace Disaster Management Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
5 AN SPP - 1 Aircraft Airframe System (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
5 AN SPP - 2 Aircraft Propulsion System (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
5 AN SPP - 3 Advance MATLAB Related to Aeronautical Branch (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
NAME OF SUBJECTS OF SEM 5 MECHATRONICS																								
5 MH4 - 21 Power Electronics Lab (Cr 1.5)	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
5 MH4 - 22 Sensors Lab (Cr 1)	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
5 MH4 - 23 Electrical Machines Lab (Cr 1.5)	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
5 MH SPP - 2 Advance MATLAB Related to Mechatronics Branch (S.P.) (Cr 2)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
NAME OF SUBJECTS OF SEM 4 AERONAUTICAL																								
4 AN4 - 21 Thermal Engineering Lab	1/50	5	3	1	1	1	1	1	1	2	0	15	6	4	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
4 AN4 - 22 Aerodynamics Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
4 AN4 - 23 Programming with MATLAB	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
4 AN4 - 24 Material Science Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
4 AN SPP - 1 CATIA - II (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
LIST OF SUBJECTS OF SEM 4 MECHATRONICS																								
4 MH4 - 21 Fluid Mechanics Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
4 MH4 - 22 Dynamics of Machine Lab-I	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
4 MH4 - 23 Mechanical Measurement and Control Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
4 MH4 - 24 Analog Electronics Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
4 MH SPP - 1 CATIA - II (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
LIST OF SUBJECTS FOR AEME SEMESTER 4																								
Module - 13 Aircraft Aerodynamics, Structure & System (IS) (LAB)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
Module - 13 Aircraft Aerodynamics, Structure & System (ES) (LAB)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
Module - 15 Gas Turbine Engines (LAB)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
Module - 17A Propellers (LAB)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3	3	3	3	3	6	0	40	30	
NAME OF SUBJECTS OF SEM 3 AERONAUTICAL																								
3 AN4 - 21 Incompressible Fluid Mechanics Lab	1/50	3	5	1	1	1	1	1	1	2	0	15	4	6	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
3 AN4 - 22 Introduction to Aeronautics Lab	1/50	3	5	1	1	1	1	1	1	2	0	15	4	6	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
3 AN4 - 23 Mechanics of Solids Lab	1/50	3	5	1	1	1	1	1	1	2	0	15	4	6	1.5	1.5	1.5	1.5	1.5	2.5	0	20	15	
3 AN4 - 24 Object Oriented Programming Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
3 AN4 - 25 CAD Lab	1.5 / 75	4	8	1.5	1.5	1.5	1.5	1.5	1.5	3	0	22.5	6	10	2	2	2	2	2	4	0	30	22.5	
3 AN SPP - 1 CATIA - I (S.P.)	2 / 100	6	10	2	2	2	2	2	2	4	0	30	7	12	3									