

Course Material for B1.1 (Aeroplanes Turbine) Category:

FIRST SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	10	Aviation Legislation-1	150 Hours
02.	8	Basic Aerodynamics	50 Hours
03.	3	Electrical Fundamentals	120 Hours
Total Hours Allotted (Theory)			320 Hours
Practical Training			
01.	8	Basic Aerodynamics	25 Hours
02.	3	Electrical Fundamentals	50 Hours
Training in Live aircraft working Environment in MRO			50 Hours
Total Hours Allotted (Practical)			125 Hours
Total Hours Covered (Theory & Practical)			445 Hours

SECOND SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	10	Aviation Legislation-2	70 Hours
02.	9	Human factor	70 Hours
03.	6	Materials & Hardware	170 Hours
04.	7	Maintenance Practices	150 Hours
Total Hours Allotted (Theory)			460 Hours
Practical Training			
01	6	Materials & Hardware	90 Hours
02	7	Maintenance Practices	90 Hours
Training in Live aircraft working Environment in MRO			50 Hours
Total Hours Allotted (Practical)			230 Hours
Total Hours Covered (Theory & Practical)			690 Hours

THIRD SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	4	Electronic Fundamentals	50 Hours
02.	5	Digital Techniques Electronic Instrument Systems	100 Hours
03.	17A	Propeller	40 Hours
04.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems	60 Hours
Total Hours Allotted (Theory)			250 Hours
Practical Training			
01.	4	Electronic Fundamentals	30 Hours
02.	5	Digital Techniques Electronic Instrument Systems	70 Hours
03.	17A	Propeller	40 Hours
04.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems	60 Hours
Training in Live aircraft working Environment in MRO			100 Hours
Total Hours Allotted (Practical)			300 Hours
Total Hours Covered (Theory & Practical)			550 Hours

FOURTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems	190 Hours
02.	15	Gas Turbine Engine	180 Hours
Total Hours Allotted (Theory)			370 Hours
Practical Training			
01.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems	145 Hours
02.	15	Gas Turbine Engine	100 Hours
Training in Live aircraft working Environment in MRO			100 Hours
Total Hours Allotted (Practical)			345 Hours
Total Hours Covered (Theory & Practical)			715 Hours