

Course Material B1.1 (Aeroplane 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-1	60 Hours
Total Hours Allotted(Theory)			260 Hours
Practical Training			
01.	8	Basic Aerodynamics	25 Hours
02.	3	Electrical Fundamentals-1	25 Hours
Total Hours Allotted(Practical)			50 Hours
Total Hours Covered(Theory & Practical)			310 Hours

SECOND SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	10	Aviation Legislation-2	70 Hours
02.	3	Electrical Fundamentals-2	60 Hours
03.	9	Human factor	70 Hours
04.	6	Materials & Hardware-1	90 Hours
Total Hours Allotted(Theory)			290 Hours
Practical Training			
01.	6	Materials & Hardware-1	40 Hours
02.	3	Electrical Fundamentals-2	25 Hours
Total Hours Allotted(Practical)			65 Hours
Total Hours Covered(Theory & Practical)			355 Hours

THIRD SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	6	Materials & Hardware-2	80 Hours
02.	7	Maintenance Pactices-1	80 Hours
03.	4	Electronics Fundamentals	50 Hours
Total Hours Allotted(Theory)			210 Hours
01.	6	Materials & Hardware-2	30 Hours
02.	7	Maintenance Pactices-1	50 Hours
03.	4	Electronics Fundamentals	30 Hours
	Total Hours Allotted(Practical)		110 Hours
Total Hours Covered(Theory & Practical)			320Hours

FOURTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	7	Maintenance Practices-2	70 Hours
02.	5	Digital Techniques Electronic Instrument System	100 Hours
03.	17	Propeller	40 Hours
Total Hours Allotted(Theory)			210 Hours
01.	7	Maintenance Practices-2	50 Hours
02.	5	Digital Techniques Electronic Instrument System	70 Hours
03.	17	Propeller	30 Hours
Total Hours Allotted(Practical)			150 Hours
Total Hours Covered(Theory & Practical)			360 Hours

FIFTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems-1	130 Hours
02.	15	Gas Turbine Engine	90 Hours
Total Hours Allotted(Theory)			220 Hours
Practical Training			
01.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems-1	110 Hours
02.	15	Gas Turbine Engine	50 Hours
03	PRACTICAL TRAINING AT LIVE WORKING ENVIRONMENT		150 hours
Total Hours Allotted(Practical)			310 Hours
Total Hours Covered(Theory & Practical)			530 Hours

SIXTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems-2	120 Hours
02.	15	Gas Turbine Engine	90 Hours
Total Hours Allotted(Theory)			210 Hours
Practical Training			
01.	11A	Turbine Aeroplane, Aerodynamics, Structures & Systems-2	110 Hours
02.	15	Gas Turbine Engine	55 Hours
03.	PRACTICAL TRAINING AT LIVE WORKING ENVIRONMENT		150 Hours
Total Hours Allotted(Practical)			315 Hours
Total Hours Covered(Theory & Practical)			525 Hours

Course Material for B2 (Avionics) 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-1	60 Hours
Total Hours Allotted(Theory)			260 Hours
Practical Training			
01.	8	Basic Aerodynamics	25 Hours
02.	3	Electrical Fundamentals-1	30 Hours
Total Hours Allotted(Practical)			55 Hours
Total Hours Covered(Theory & Practical)			315 Hours

SECOND SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	10	Aviation Legislation-2	70 Hours
02.	3	Electrical Fundamentals-2	60 Hours
03.	9	Human factor	70 Hours
04.	6	Materials & Hardware-1	50 Hours
Total Hours Allotted(Theory)			250 Hours
Practical Training			
01.	6	Materials & Hardware-1	35 Hours
02.	3	Electrical Fundamentals-2	30 Hours
Total Hours Allotted(Practical)			65 Hours
Total Hours Covered(Theory & Practical)			315 Hours

THIRD SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	6	Materials & Hardware-2	50 Hours
02.	7	Maintenance Practices	90 Hours
03.	4	Electronics Fundamentals-1	60 Hours
Total Hours Allotted(Theory)			200 Hours
01.	6	Materials & Hardware-2	35 Hours
02.	7	Maintenance Practices-1	80 Hours
03.	4	Electronics Fundamentals-1	50 Hours
Total Hours Allotted(Practical)			165 Hours
Total Hours Covered(Theory & Practical)			365 Hours

FOURTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	4	Electronics Fundamentals-2	50 Hours
02.	5	Digital Techniques Electronic Instrument System	220 Hours
Total Hours Allotted(Theory)			270 Hours
01.	4	Electronics Fundamentals-2	50 Hours
02.	5	Digital Techniques Electronic Instrument System	140 Hours
Total Hours Allotted(Practical)			190 Hours
Total Hours Covered(Theory & Practical)			460 Hours

FIFTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	13	Aircraft Aerodynamics, Structures & Systems-1	160 Hours
02.	14	Propulsion	40 Hours
Total Hours Allotted(Theory)			200 Hours
Practical Training			
01.	13	Aircraft Aerodynamics, Structures & Systems-1	100 Hours
02.	14	Propulsion	25 Hours
03.	PRACTRICAL TRANING AT LIVE WORKING ENVIRONMENT		150 hours
Total Hours Allotted(Practical)			275 Hours
Total Hours Covered(Theory & Practical)			475 Hours

SIXTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	13	Aircraft Aerodynamics, Structures & Systems-2	200 Hours
Total Hours Allotted(Theory)			200 Hours
Practical Training			
01.	13	Aircraft Aerodynamics, Structures & Systems-2	120 Hours
02.	PRACTRICAL TRANING AT LIVE WORKING ENVIRONMENT		150 Hours
Total Hours Allotted(Practical)			270 Hours
Total Hours Covered(Theory & Practical)			470 Hours