

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	120 Hours
Total Hours Allotted (Theory)			320 Hours
Practical Training			
01	8	Basic Aerodynamics	25 Hours
02	3	Electrical Fundamentals	60 Hours
Training in Live aircraft working Environment in MRO			50 Hours
Total Hours Allotted (Practical)			135Hours
Total Hours Covered (Theory & Practical)			455 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	100 Hours
04.	7	Maintenance Practices	90 Hours
Total Hours Allotted (Theory)			330Hours
Practical Training			
01	6	Materials & Hardware	80 Hours
02	7	Maintenance Practices	70 Hours
Training in Live aircraft working Environment in MRO			50 Hours
Total Hours Allotted (Practical)			200 Hours
Total Hours Covered (Theory & Practical)			530 hours

THIRD SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	4	Electronic Fundamentals	110 Hours
02.	5	Digital Techniques Electronic Instrument Systems	220 Hours
Total Hours Allotted (Theory)			330 Hours
Practical Training			
01.	4	Electronic Fundamentals	100 Hours
02.	5	Digital Techniques Electronic Instrument Systems	140 Hours
Training in Live aircraft working Environment in MRO			100 Hours
Total Hours Allotted (Practical)			340 Hours
Total Hours Covered (Theory & Practical)			670 hours

FOURTH SEMESTER			
Sr. No.	Module No.	Module Name	Hours Allotted
01.	13	Aircraft Aerodynamics, Structures & Systems	360 Hours
02.	14	Propulsion	40 Hours
Total Hours Allotted (Theory)			400 Hours
Practical Training			
01.	13	Aircraft Aerodynamics, Structures & Systems	220 Hours
02.	14	Propulsion	25 Hours
Training in Live aircraft working Environment in MRO			100 Hours
Total Hours Allotted (Practical)			345 Hours
Total Hours Covered (Theory & Practical)			745 hours