

LIST OF THE SUBJECTS FOR DIPLOMA IN AERONAUTICAL ENGINEERING

I SEM

Engineering Mathematics-I	15SC01M
Basics of Electrical & Electronics Engineering	15EE01E
Communication Skills in English	15CP01E
ME-Engg Drawing-Allied (EE,MX,HP,WS, TX)	15ME01D
BASIC WORKSHOP PRACTICE-I	15ME14P
Basic Computer Skills Lab	15AN11P
Basics of Electrical & Electronics Engg. Lab (1)	15EE02P

II SEM

Engineering Mathematics-II	15SC02M
Applied Science	15SC03S
Elements of Aeronautics	15AN21T
Fluid Mechanics & Pneumatics	15AN22T
CAED LAB	15AN23P
Applied Science Lab	15SC04P
Fluid Mechanics & Pneumatics Lab	15AN24P

III SEM

AIRCRAFT MANUFACTURING TECHNOLOGY	15AN31T
BASIC AERODYNAMICS	15AN32T
AIR CRAFT MATERIALS	15AN33T
BASIC AIRCRAFT STRUCTURE & SOM	15AN34T
WORKSHOP PRACTICE-II	15AN35P
MT,NDT Process Lab	15AN36P
Kannada Kali- 1 NK/Tantrika Kannada-1 K	15KA3NT/15KA3KT

IV SEM

THERMODYNAMICS FOR AERONAUTICAL ENGINEERING	15AN41T
AIRCRAFT SYSTEMS	15AN42T
AIRCRAFT INSTRUMENTATION	15AN43T
AIRCRAFT STRUCTURE	15AN44T
Professional Ethics & Indian Constitution	15ME44T
AIRCRAFT SYSTEMS LAB	15AN45P
AIRCRAFT STRUCTURES LAB	15AN46P
Kannada Kali- 2 NK/Tantrika Kannada-2 K	15KA4NT/15KA4KT

V SEM

AIRCRAFT PISTON ENGINE THEORY		15AN51T
AIRCRAFT MAINTENANCE MANAGEMENT		15AN52T
Aircraft electrical system		15AN53T
AIRCRAFT PISTON ENGINE LAB		15AN55P
Professional practices		15AN56P
Project work 1		15AN57P
FLIGHT SAFETY E1	ELECTIVE	15AN54A
Rockets & satellites E2		15AN54B

VI SEM

AIRCRAFT JET ENGINE THEORY		15AN61T
Avionics and Aircraft radio system		15AN62T
Helicopter Basics		15AN63T
AIRCRAFT JET ENGINE LAB		15AN65P
Project work -II		15AN66P
Industrial Visit-Inplant Training		15AN67P
AIRCRAFT INSPECTION AND REPAIR	ELECTIVE	15AN64A
Civil Aircraft Regulations		15AN64B