

ACS COLLEGE OF ENGINEERING, BENGALURU
DEPARTMENT OF AERONAUTICAL ENGINEERING
15AE81 – Avionics.

Assignment – II

S.No	Questions	Course Outcome
1	Explain about the Pitch rate and roll rate command fly by wire systems with neat diagrams.	Co2
2	Describe about the Cooper Harper scale, Redundancy and failure survival, Common mode of failures and effects analysis.	Co2
3	With clear diagrams discuss about the working principle of air data system and its associated instruments.	Co2
4	Give detail description about the aircraft communication system, transmitter, receiver, amplifier, oscillator and types of antennas.	Co2
5.	Describe about the working principle of 8085 Microprocessor with neat diagrams.	Co2
6.	With clear block diagram discuss about the types of Memories.	Co2
7.	Discuss in detail about the display technologies like CRT, LED, LCD, EL, plasma panel and Touch screen with neat diagrams.	Co3