## SUBJECT NO-AE31006, SUBJECT NAME- COMPUTER APPLICATION IN AERO. ENGINEERING LTP- 3-0-0, CRD- 3

## SYLLABUS :-

Numerical solutions of linear and non-linear algebraic equations, ordinary differential equations and partial differential equations; conceptual data models, methods of organizing, storing and retrieving data, data structures; Elements of modern artificial intelligence (AI) related techniques; introduction to Genetic Algorithms and Artificial Neural Nets; Examples related to Aerospace Engineering.