

**Department of Aerospace Engineering
AE602 Mathematics for Aerospace Engineers**

**Mini Project No. 2
Computer Programming for Matrix Inversion by Gaussian-Jordan Method**

- Develop an algorithm to invert the matrix by Gauss-Jordan method.
- Implement your algorithm in any suitable programming language. Your code should read the following inputs from the file:
 - a) n - size of the coefficient matrix
 - b) Coefficient matrix (row-wise)
- The inverse should be written in an output file.
- Submit a report on the algorithm development.

Note: Use of code developed in Mini Project N. 1 is allowed. However, use of any in-built functions for matrix operations should be strictly avoided.