

## Aerospace Engineering Programme

| III Semester |                                    |        |
|--------------|------------------------------------|--------|
| Subject Code | Name of the Subject                | Credit |
| MA31         | Engineering Mathematics III        | 4      |
| AE32         | Fluid Mechanics                    | 4      |
| AE33         | Introduction to Aerospace Vehicles | 4      |
| AE34         | Manufacturing Process I            | 4      |
| AE35         | Aircraft Structures I              | 4      |
| AE36         | Applied Mechanics                  | 4      |
| AEL37        | Fluid Mechanics (lab)              | 1      |
| AEL38        | Machine Shop (lab)                 | 1      |

| IV Semester  |                             |        |
|--------------|-----------------------------|--------|
| Subject Code | Name of the Subject         | Credit |
| MA41         | Mathematics IV              | 4      |
| AE42         | Aerodynamics I              | 4      |
| AE43         | Machine drawing             | 4      |
| AE44         | Thermal Engineering I       | 4      |
| AE45         | Dynamics of Machines        | 4      |
| AE46         | Heat and Mass transfer      | 4      |
| AEL47        | Aerodynamics (lab)          | 1      |
| AEL48        | Precision Engineering (lab) | 1      |

| V Semester   |                       |        |
|--------------|-----------------------|--------|
| Subject Code | Name of the Subject   | Credit |
| AE51         | Flight Dynamics       | 4      |
| AE52         | Aero Dynamics – II    | 4      |
| AE53         | Propulsion – I        | 4      |
| AE54         | CAD / CAM             | 4      |
| AE55         | Structures – II       | 4      |
| AE56         | Composite Materials   | 4      |
| AEL57        | Material Testing Lab. | 1      |
| AEL58        | Structures Lab.       | 1      |