

### 3 SEAT MATRIX FOR UNDERGRADUATE PROGRAMMES IN 2022

**Table 3.1: Undergraduate and Dual Degree Programmes in 2022**

| Branch   | GEN/ OBC (NCL)/ SC/ ST | EWS* | PMSSS** | Women*** | Total |
|--|------------------------|------|---------|----------|-------|
| Aerospace Engineering                                | 60                     | 6    | 3       | 6        | 75    |
| Electronics and Communication Engineering (Avionics) | 60                     | 6    | 3       | 6        | 75    |
| Dual degree  | 20                     | 2    | 0       | 2        | 24    |
| Total  | 140                    | 14   | 6       | 14       | 174   |

#### **Important Notes:**

- (i) \*: From 2019 academic year and as per the directive, reservation for the Economically Weaker Sections (EWS) to the extent of 6 (six), 6 (six), and 2 (two) seats (10% of 140) in the branches of Aerospace Engineering, Electronics and Communication Engineering and Dual Degree, respectively has been implemented.
- (ii) \*\*: Beginning 2020 academic year and as per the recent directive from AICTE, supernumerary seats under the Prime Minister's Special Scholarship Scheme for Jammu & Kashmir students (PMSSS) in the branches of Aerospace Engineering and Electronics and Communication Engineering is being implemented. The selection under this category will be carried out by the PMSSS Cell of AICTE adhering to the minimum eligibility criteria prescribed by IIST (see Section 8 of the brochure).
- (iii) \*\*\*: Women Supernumerary: In order to maintain a healthy boys to girl's ratio at IIST, 10% additional seats are reserved for women candidates only.
- (iv) The Dual Degree Programme is a 5-year (10 Semesters) Programme. On successful completion, the students are awarded a B. Tech. degree in Engineering Physics and a Master of Science/ M.Tech. degree in one of the following four postgraduate streams:
  - Master of Science in Astronomy and Astrophysics
  - Master of Science in Solid State Physics
  - M.Tech. in Earth System Science
  - M.Tech. in Optical Engineering

Students will be allotted their postgraduate streams at the end of the sixth semester based on their preference and academic performance up to sixth semester. The seat for each of the streams will be notified to the students during the sixth semester.

**There is no exit option with a B. Tech degree in Engineering Physics.** However, based on academic performance, Director, IIST, has the discretion not to promote students with unsatisfactory performance to the Masters' level. These students may be allowed to exit with a B.Tech degree in Engineering Physics with specified norms worked out by the Department and approved by the Academic Council and Board of Management of IIST.