

Table 6: Specialisations offered and mode of selection

| Department/Centre/School | Specialisation | Mode of selection* |
|--|---|--------------------|
| Advanced Technology Development Centre | Embedded Systems and Software | Interview |
| Aerospace Engineering | Aerospace Engineering | Direct |
| Agricultural and Food Engineering | Farm Machinery and Power | Direct |
| | Land and Water Resources Engineering | Direct |
| | Food Process Engineering | Direct |
| | Agricultural Biotechnology | Direct |
| | Aquacultural Engineering | Direct |
| | Agricultural Systems and Management | Direct |
| Architecture and Regional Planning | City Planning | Direct |
| Biotechnology | Biotechnology and Biochemical Engineering | Direct |
| Chemical Engineering | Chemical Engineering | Direct |
| Civil Engineering | Hydraulic and Water Resources Engineering | Direct |
| | Transportation Engineering | Direct |
| | Environmental Engineering and Management | Direct |
| | Geotechnical Engineering | Direct |
| | Structural Engineering | Direct |
| | Railway Engineering | Direct |
| Computer Science and Engineering | Computer Science and Engineering | Direct |
| Cryogenic Engineering | Cryogenic Engineering | Direct |
| Educational Technology | Multimedia Information Processing | Direct |
| Electronics and Electrical Communication Engineering | Microelectronics and VLSI Design | Direct |
| | RF and Microwave Engineering | Direct |
| | Telecommunication Systems Engineering | Direct |
| | Visual Information and Embedded Systems Engineering | Direct |
| Electrical Engineering | Machine Drives and Power Electronics | Direct |
| | Control System Engineering | Direct |
| | Power and Energy Systems | Direct |
| | Instrumentation and Signal Processing | Direct |
| Geology and Geophysics | Exploration Geosciences | Direct |
| Industrial and Systems Engineering | Industrial Engineering and Management | Direct |
| Infrastructure Design and Management | Infrastructure Design and Management | Direct |

| Department/Centre/School | Specialisation | Mode of selection* |
|---|--|--------------------|
| Mathematics | Computer Science and Data Processing | Direct |
| Materials Science | Materials Science and Engineering | Direct |
| Mechanical Engineering | Manufacturing Science and Engineering | Direct |
| | Thermal Science and Engineering | Direct |
| | Mechanical Systems Design | Direct |
| Medical Science and Technology | Medical Imaging and Informatics | Interview |
| Metallurgical and Materials Engineering | Metallurgical and Materials Engineering | Direct |
| Mining Engineering | Mining Engineering | Direct |
| Ocean Engineering and Naval Architecture | Ocean Engineering and Naval Architecture | Direct |
| Ocean, Rivers, Atmosphere and Land Sciences | Earth System Science and Technology | Direct |
| Physics | Solid State Technology | Direct |
| Reliability Engineering | Reliability Engineering | Direct |
| Rubber Technology | Rubber Technology | Interview |
| School of Energy Science & Engineering | Energy Science and Engineering | Direct |
| School of Water Resources | Water Engineering and Management | Direct |

* “Direct” means Admission is based on GATE SCORE only.

“Interview” means Admission is based on GATE Score (70 % weightage) and Interview (30 % weightage).