

Table 6: Specialisations offered and mode of selection

Department/Centre/School	Specialisation	Mode of selection*
Advanced Technology Development Centre	Embedded Systems and Software	Direct
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
	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	Interview
	Control System Engineering	Interview
	Power and Energy Systems	Interview
	Instrumentation and Signal Processing	Interview
Geology and Geophysics	Exploration Geosciences	Direct
G. S. Sanyal School of Telecommunications	Wireless Communications and Networks	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	Biomedical Engineering	Direct
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	Functional Materials and Devices	Direct
Subir Chowdhury School of Quality and Reliability	Quality and Reliability Engineering	Direct
Rubber Technology	Rubber Technology	Direct
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).