

PROGRAMMES OFFERED BY DEPARTMENTS UNDER FET**TABLE 2.1: SEAT MATRIX FOR THE 4-SEMESTER DAY PROGRAMMES (WITH GATE/GPAT)**

Srl No	PROGRAMME (WITH SPECIALISATION, IF ANY)	GATE / GPAT (for Pharmacy)					Sponsored	Self Sponsored
		GEN	SC	ST	OBCA	OBCB		
1.	Architecture	4	1	1	1	1	2	
2.	Automobile Engineering	10	4	1	2	1	5	
3.	Bioprocess Engineering	7	3	1	1	1		
4.	Chemical Engineering	11	4	1	2	1	4	
Civil Engineering		15	6	2	3	2	5	
5.	a) Structural Engineering	6	4		2		2	
6.	b) Soil Mechanics & Foundation Engineering	5	2		2		2	
7.	c) Environmental Engineering	4	2		1		1	
8.	Computer Science & Engineering	17	7	2	3	2	6	
9.	Control System Engineering	7	3	1	1	1	5	
Electrical Engineering		15	6	2	3	2	5	
10.	a) Electrical Power Systems	3	1	1	1	0	1	
11.	b) Electrical Machines	3	1	1	1	0	1	
12.	c) High Voltage Engineering	3	2	0	0	1	1	
13.	d) Control Systems	3	0	0	1	0	1	
14.	e) Electrical Measurement & Instrumentation	3	2	0	0	1	1	
Electronics & Tele-Communication Engineering		15	6	2	3	2	5	
15.	a) Computer Engineering	3	At least 1 and Not more than 2 in each specialisation		1		1	
16.	b) Communication Engineering	3			1		1	
17.	c) Control Engineering	3			1		1	
18.	d) Microwave Engineering	3			1		1	
19.	e) Electron Devices	3			1		1	
20.	Food Technology & Bio-Chemical Engineering	4	1	1	1	1	2	
21.	Illumination Engineering	12	5	1	2	2	3	
22.	Instrumentation & Electronics Engineering	4	1	1	1	1	2	
23.	Material Engineering ³	10	4	1	2	1	5	

³ At least four (4) seats reserved for students with Bachelor Degree in Metallurgical Engineering or equivalent

Srl No	PROGRAMME (WITH SPECIALISATION, IF ANY)	GATE / GPAT (for Pharmacy)					Sponsored	Self Sponsored
		GEN	SC	ST	OBCA	OBCB		
	Mechanical Engineering	15	6	2	3	2	5	
24.	a) Heat Power	3	At least 1 and Not more than 2 in each specialisation		1		Specialisation to be allotted as per need of the sponsorer. Unfilled seats, if any, will be allotted to the specialisations in which no sponsored candidate is allotted subject to the maximum of 1 in each	
25.	b) Machine Design	3		1				
26.	c) Applied Mechanics	3		1				
27.	d) Production	3		1				
28.	e) Fluid Mechanics & Hydraulics Engineering	3		1				
29.	Metallurgical Engineering ⁴	5	2	1	1	1	2	
30.	Pharmacy	15	6	2	3	2	5	
31.	Power Engineering	10	4	1	2	1	5	
	Production Engineering	7	3	1	1	1	3	
32.	a) Production Technology	4	2		1	1	2	
33.	b) Production Management	3	2				1	
34.	Software Engineering	15	6	2	3	2	5	

TABLE 2.2: SEAT MATRIX FOR THE NON-GATE / NON-GPAT PROGRAMMES

Srl No	PROGRAMME	SELF SPONSORED					SPONSORED	
		GEN	SC	ST	OBCA	OBCB		
4-SEMESTER DAY PROGRAMMES								
35.	Printing Engineering & Graphic Communication ⁵	7	3	1	1	1		
6-SEMESTER EVENING PROGRAMMES								
36.	Computer Technology		24	10	3	4	3	
37.	Construction Engineering		10	4	1	2	1	5
38.	VLSI Design & Micro Electronics.		10	4	1	2	1	5

⁴ At least two (2) seats reserved for students with Bachelor degree in Metallurgical Engineering or equivalent

⁵ Priority may be given to B.E. in Printing

PROGRAMMES OFFERED BY FISLM AND AFFILIATED TO FET**TABLE 2.3: SEAT MATRIX FOR THE 4–SEMESTER DAY PROGRAMMES (WITH GATE)**

Srl No	PROGRAMME	GATE					Sponsored	Self Sponsored
		GEN	SC	ST	OBCA	OBCB		
39.	Biomedical Engineering	4	1	1	1	1	6	
40.	Distributed & Mobile Computing	9	4	1	2	1	3	
41.	Energy Science & Technology	7	3	1	1	1	3	
42.	IT (Courseware Engineering)	10	4	1	2	1	5	
43.	Nano Science & Technology	12	5	1	2	2	5	
44.	Nuclear Studies and Applications	10	4	1	2	1	5	
45.	Water Resources & Hydraulic Engineering	10	4	1	2	1	5	

TABLE 2.4: SEAT MATRIX FOR THE NON-GATE PROGRAMMES

Srl No	PROGRAMME	SELF-SPONSORED					SPONSORED
		GEN	SC	ST	OBCA	OBCB	
4–SEMESTER DAY PROGRAMMES							
46.	Environmental Biotechnology	7	3	1	1	1	
47.	Laser Technology	7	3	1	1	1	
48.	Multimedia Development	7	3	1	1	1	
6–SEMESTER EVENING PROGRAMMES							
49.	Illumination Technology & Design	8	3	1	2	1	3
50.	Water Resources & Hydraulic Engineering	10	4	1	2	1	5

Note:

1. Seats reserved for Scheduled Caste Candidates and remaining unfilled may be filled up by the Scheduled Tribe candidates and vice versa [See clause 3.1.1]
2. Seats reserved for Other Backward Classes, Category – A and remaining unfilled may be filled up by the Other Backward Class, Category – B candidates and vice versa [See clause 3.1.1]
3. Reservation of seats following the Rights of Persons with Disabilities Act, 2016, gazetted on 28 December 2016, Government of West Bengal letter No. 65–Edn(U)/1U-89/13 dated 16.01.2014 and notification No. 526-Edn (U)/1U-137/14 Date: 29.05.2015 is available for Persons with Disability (PwD) [See clause 3.1.2]
4. For the programmes which have seats for GATE candidates (Table 2.1 & Table 2.3) unfilled seats of Sponsored Category will be filled up by the candidates of GATE Category A after exhaustion of all such candidates if seats still remain unfilled, it will be filled by candidates of Self-sponsored Category, if the programmes permit Self-sponsored candidates to apply.
5. For the Non-GATE programmes (Table 2.2 & Table 2.4) unfilled seats of Sponsored Category, if any, will be filled up by the candidates of Self Sponsored Category.