

## SLIET admission data analysis for the A/Y 2021-22

### 1. Admission status of ICD Courses

#### A) Year wise admission status of ICD Courses

Table 1 Admission status of ICD Courses

Name of Program	2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	filled
ICD	600	514	630	565	598	594	630	626	630	627	425	424	473	468	473	374
Admission Percentage	86%		90%		99%		99%		100%		100%		99%		79%	

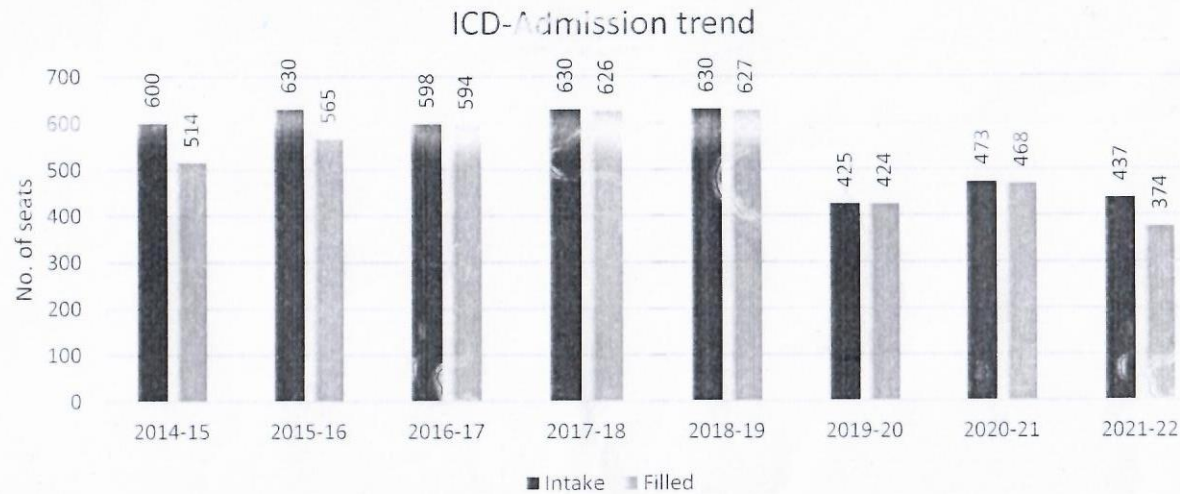






Figure 1 Bar Chart on admission status of ICD Courses

  
 (Prof. Pardeep Kumar)
 

  
 Dr. V. K. Kukreja
 

  
 (Dr. R. K. Saxena)
 

  
 Er. Sunit Kumar  
 A.P. (ME)

b) Admission data ICD (Trade wise analysis 2021-22)

Table 3 Trade-wise admission data for ICD Courses, 2021-22

TRADE	GEN		EWS (GEN)		SC		ST		OBC		TOTAL		PH		TOTAL FILLED	TOTAL OFFERED	Percentage filled seats
	Male (GEN)	Female (GEN)	Male (EWS)	Female (EWS)	Male (SC)	Female (SC)	Male (ST)	Female (ST)	Male (OBC)	Female (OBC)	Male	Female	Male (PH)	Female (PH)			
DME-CAC	10	1	1	0	2	1	0	0	3	0	16	2	0	0	18	32	56%
DME-CAF	12	1	1	0	0	0	1	0	4	0	18	1	0	0	19	31	61%
DCA-CDE	17	12	9	1	11	8	0	0	16	5	53	26	0	0	79	79	100%
DME-CFF	9	1	1	0	0	0	0	0	1	0	11	1	0	0	12	31	39%
DFP-CFP	12	16	3	1	1	0	1	0	3	0	20	17	0	0	37	39	95%
DEE-CEN	20	3	3	0	4	1	2	0	7	0	36	4	0	0	40	40	100%
DCT-CPT	13	6	0	1	1	1	0	0	1	1	15	9	0	0	24	40	60%
DEC-CSME	11	2	1	2	0	1	0	0	2	1	14	6	0	0	20	20	100%
DIN-CSMM	7	11	0	2	0	0	0	0	1	1	8	14	0	0	22	39	56%
DME-CTD	13	0	0	0	3	0	0	0	2	0	18	0	0	0	18	31	58%
DEC-CTV	12	4	2	0	0	0	0	0	1	0	15	4	0	0	19	19	100%
DME-CWG	19	1	2	0	4	0	0	0	6	0	31	1	0	0	32	32	100%
DCE-CBM	16	3	2	0	1	0	2	0	9	1	30	4	0	0	34	40	85%
TOTAL	171	61	25	7	27	12	6	0	56	9	285	89	0	0	374	473	79%

*Handwritten signatures and initials in blue ink.*

c) Observations:

**Criteria for ranking the admission status**

The admissions at SLIET, Longowal in the various programs have been classified as per the following criteria:

Table 3: Criteria for ranking the admissions status

S.N.	Criteria (admission percentage)	Ranking
1.	95% -100%	Excellent
2.	85%-95%	Very Good
3.	75%-85%	Good
4.	65% - 75%	Fair
5	Below 65%	Alarming

1. In A/Y 2014-15 & 2015-16 the admission percentage of ICD students remained 86% & 90% respectively and it improved and remained nearly 100% in the A/Y 2016-17 & 2017-18, 2018-19, 2019-20 & 2020-21.
2. The trade wise analysis of admission data for ICD courses (2021-22) highlights that the admission percentage of ICD students was 100% in DCA-CDE, DEE-CEN, DEC-CSME, DEC-CTV, DME-CWG. It remained 95% & 85% in DFP-CFP & DCE-CBM respectively. In other ICD Courses the admission percentage remained 39% to 61% (**Alarming level**).
3. The overall admissions in the ICD programs for the year 2021-22 remained 79%.
4. The data analysis reveals that there is a need to focus on a strategic admission plan pertaining to ICD courses particularly DME-CAC, DME-CAF, DME-CFF, DME-CPT, DME-CSMM, & DME-CTD to avoid further decline in admission percentage in these courses.

**d) Following may be some of the reasons causing drop in admission:**

- i. Impact of covid-19 on the financial conditions on parents
- ii. Poor placement track / admission in higher modules of ICD programs
- iii. Students of Punjab opting ILETS to move to foreign countries.

**e) Recommendations for improving the admission percentage in ICD courses:**

- I. More focus on skill development practices as per industry needs: Students join SLIET Longowal in ICD programs after 10<sup>th</sup> class mainly with an aim to get admission in B.E. courses through Later Entry. To make them competitive in comparison to 10+2/JEE Mains students, the ICD courses must be made skill based and for this the ICD courses must be designed keeping 60 % practical and 40% theory.

*Handwritten signatures and initials in blue ink at the bottom of the page.*

- II. Focus on effective teaching: The students of ICD programs mostly come from rural areas across the country and from lower middle class families. Most of them are from Hindi or Punjabi backgrounds and thus the teaching of these students requires special attention for their better understanding.
- III. Transportation facility for students from surrounding areas (within 30 Kms): Providing transportation facility through outsourcing to the students of local area will boost the admission and it will also reduce the load on the hostel system of the Institute.
- IV. Promote awareness about ICD programs in schools of Punjab: Admission in B.E. / B. Tech. courses at SLIET, Longowal after ICD Course is a very unique system that facilitates the 10<sup>th</sup> pass out students who could not perform well in Science and Math. The admission percentage of Punjab students in ICD courses is very less as compared to the 75% reservation and therefore the institute must advertise about this feature and make aware the students from the nearby high schools to boost the admissions in ICD courses.
- V. Comfortable hostel residential facilities: Comfortable hostel facilities in the institute will attract the students both from Punjab and other states.
- VI. Course material: The course material for the ICD programs should be available in trilingual (English, Hindi and Punjabi) for easy understanding and grasping knowledge of the students.
- VII. Strengthen the in-house training and industry-based internships to give practical training as per industry needs.

2. Admission status for BE (Lateral Entry)

A) Year wise admission analysis for BE (Lateral Entry)

Table 4 Year wise admission analysis for BE (Lateral Entry)

Name of Program	2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	Filled	Intake	filled
BE (Lateral Entry)	448	432	368	356	388	336	497	455	476	436	450	430	435	435	441	426
Admission Percentage	96%		97%		87%		92%		92%		96%		100%		97%	

*Handwritten signatures and initials in blue ink.*

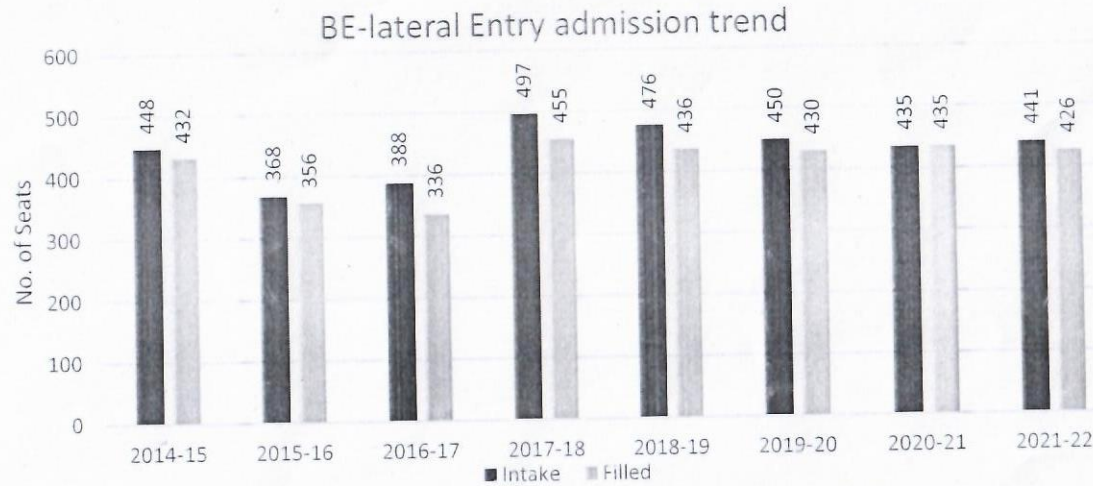


Figure 2 Year wise admission analysis for BE (Lateral Entry)

**b) Admission data analysis for 2021-22 BE JEE (Mains)**

Table 5 Trade-wise admission analysis for BE (Lateral Entry), 2021-22

TRADE	GEN		EWS(GEN)		SC		ST		OBC		TOTAL		Total Seats Filled	Total Available Seats	Admission Percentage
	Male (GEN)	Female (GEN)	Male (EWS)	Female (EWS)	Male (SC)	Female (SC)	Male (ST)	Female (ST)	Male (OBC)	Female (OBC)	Male	Female			
GCS	11	2	11	0	7	2	4	1	23	1	56	6	62	65	95%
GCT	6	1	2	1	4	0	1	1	5	3	18	6	24	33	73%
GEC	6	4	3	0	4	0	1	1	10	1	24	6	30	33	91%
GFT	0	1	1	1	0	0	1	0	3	0	5	2	7	32	22%
GIN	3	0	1	0	5	2	1	0	5	2	15	4	19	32	59%
GME	11	0	9	0	13	1	6	1	24	3	63	5	68	82	83%
GEE	5	1	7	2	3	0	2	0	10	1	27	4	31	34	91%
<b>TOTAL</b>	<b>42</b>	<b>9</b>	<b>34</b>	<b>4</b>	<b>36</b>	<b>5</b>	<b>16</b>	<b>4</b>	<b>80</b>	<b>11</b>	<b>208</b>	<b>33</b>	<b>241</b>	<b>311</b>	<b>77%</b>

*Handwritten signatures and initials in blue ink at the bottom of the page.*

**Overall admission percentage through JEE Mains: 77.49%**

a) Observations:

- I. The admission data for BE through Lateral Entry (Table 4) remained in between 87% to 100 % (2016-2022). The admissions in the BE (lateral entry at SLIET) are directly related with the admissions in the ICD programs so the institute must focus to strengthen the admissions in the ICD programs to avoid any undesirable situation in the future.
- II. The trade-wise admission data for BE (JEE mains) (Table 5) shows good number of admissions in UG programs like GCS, GEC, GEE i.e., above 90% whereas moderate admissions can be observed in the programs like GCT and GME. The admissions in the GFT and GIN programs poses alarming situation.
- III. The Overall admission percentage through JEE Mains is 77.49% which also need to be improved. The attention must be paid to gain academic excellence and improve the placement opportunities.

**b) Following may be some reasons ascertained to the drop in admission in UG:**

- I. Decline in NIRF ranking of the institute.
- II. Placement of the UG students' needs to be improved.

**c) Recommendations for improving the admission percentage in UG courses:**

- i. **Strategic marketing/advertisement/publicity on social media platforms**  
The institute should initiate the advertisement and publicity of the programs of the B.E. Courses of SLIET on various digital platforms.
- ii. **Unification of all social media pages of the SLIET on various social media platforms**  
The numerous pages of various sections/clubs/societies of the SLIET should come under single umbrella for improving the number of followers and posts under one roof.
- iii. **Focus on communication skills personality development and soft skills**  
More emphasis should be laid for improving the communication and personality development of the degree students with a view to improve the chances of employability.
- iv. **Focus on effective teaching**  
There should be more focus on effective teaching/major projects for the degree programs.
- v. **Training/internship in reputed organizations**  
The students may be motivated for trainings/internships in the reputed organization.
- vi. **Final Year Projects**  
Students be motivated to undertake industry relevant projects. Further, the evaluation of these projects should be rigorous by the academic departments.

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

### 3. Admission data for M. Tech. Programs

Table 6: Trade-wise admission data for PG programs, 2021-22

TRADE	GEN		GEN EWS		SC		ST		OBC		TOTAL		Grand Total FILLED	TOTAL OFFERED	Percentage filled seats
	Male (GEN)	Female (GEN)	Male (EWS)	Female (EWS)	Male (SC)	Female (SC)	Male (ST)	Female (ST)	Male (OBC)	Female (OBC)	Male	Female			
PG-ECE	2	0	0	1	0	0	0	0	1	0	3	1	4	22	18%
PG-FET	5	11	0	1	1	2	0	0	3	0	9	14	23	23	100%
PG-ICE	4	0	0	0	0	0	0	0	0	0	4	0	4	15	27%
PG-MSE	4	0	0	0	3	0	0	0	0	0	7	0	7	25	28%
PG-WLF	4	0	2	0	0	0	0	0	3	0	9	0	9	15	60%
PG-CE	0	1	0	0	0	0	0	0	0	0	0	1	1	15	7%
PG-CSE	4	1	0	1	0	3	0	0	1	3	5	8	13	23	57%
<b>TOTAL</b>	<b>23</b>	<b>13</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>3</b>	<b>37</b>	<b>24</b>	<b>61</b>	<b>138</b>	<b>44%</b>

Seat availability and admission data M.Tech

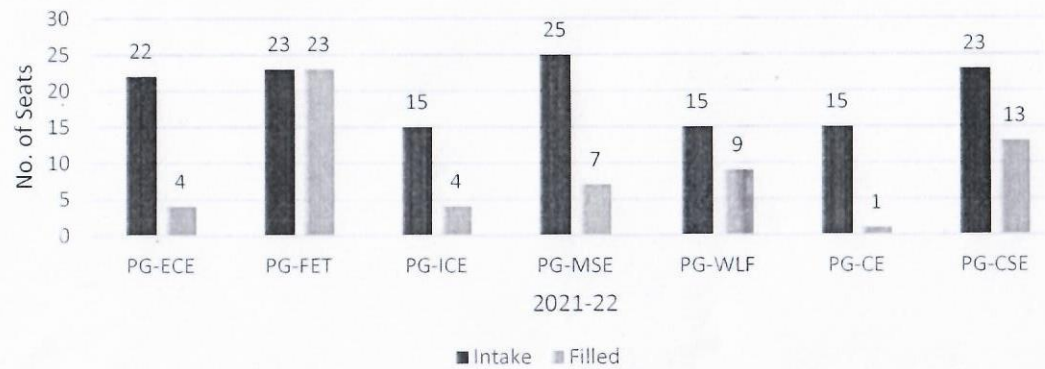


Figure 3: Seat availability and admission data, M. Tech.

*[Handwritten signatures and marks]*

**a) Observations**

- i. PG-FET is the only program that secured 100% admission in the course and the admissions in the other PG programs are at alarming levels.
- ii. The total admissions in the PG programs are 44% and this trend presents an alarming situation.

**b) The following may be the reasons for reduction in admissions.**

- i. Decline in NIRF ranking of the institute.
- ii. Decline in teaching opportunities in technical institutes.

**c) Recommendations for improving the admission percentage in PG courses:**

- i. Start new integrated Ph.D. programs for bridging the gap between the M. Tech and Ph.D. admissions.
- ii. Strategic marketing/advertisement/publicity on social media platforms.
- iii. Focus on improving NIRF ranking and placements of PG students.
- iv. Development of Research facilities to prepare the PG students for industrial jobs.

**4. Admission data for M. Sc. Programs**

Table 7: Trade-wise admission data for M.Sc. programs, 2021-22

TRADE	GEN		EWS (GEN)		SC		ST		OBC		TOTAL		Grand Total FILLED	TOTAL OFFERED	Percentage filled seats
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female			
PG-PHY	6	4	1	3	1	0	0	0	4	2	12	9	21	25	84%
PG-CHY	2	6	1	0	1	1	0	0	4	2	8	9	17	25	68%
PG-MATH	3	5	0	2	0	2	0	0	1	1	4	10	14	25	56%
TOTAL	11	15	2	5	2	3	0	0	9	5	24	28	52	75	69%

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*



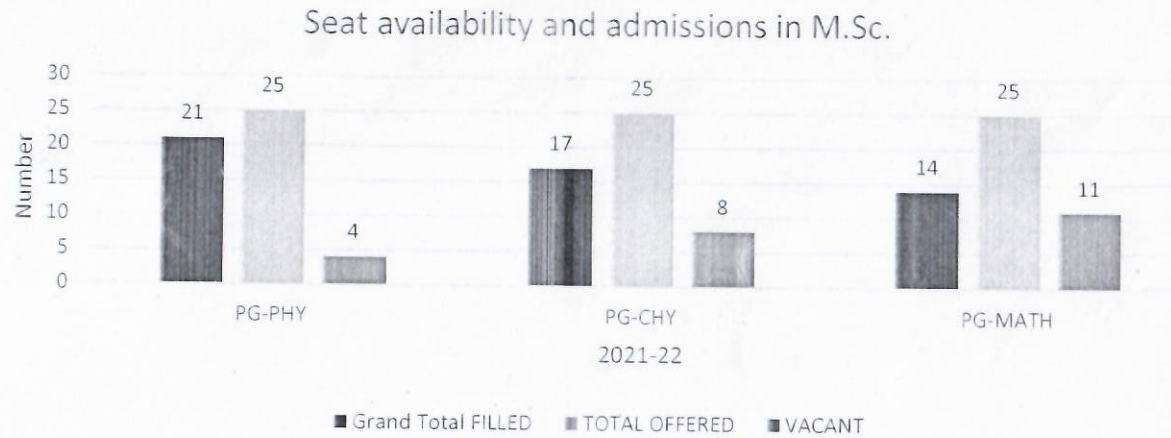


Figure 4: Seat availability and admissions in M.Sc.

**a) Observations:**

- i. The admissions in the PG programs (sciences) remained 56% to 84%.
- ii. The overall admissions in the M.Sc. programs are 69%.

**b) Recommendations for improving the admission percentage in M.Sc. courses:**

- Strategic marketing/advertisement/publicity on social media platforms
- Focus on improving NIRF ranking of the Institute so as to attract more number of students for admission in MSc. Courses.
- Development of Research facilities to prepare the PG students for industrial jobs.

*(Signature)*  
(Dr. P. Gupta)

*(Signature)*  
(Dr. V.K. Kulkarni)

*(Signature)*  
(Dr. R.K. Saxena)

*(Signature)*  
(Sunit Kumar  
A.P. (MG))