



Sant Longowal Institute of Engineering & Technology
(Deemed-to-be University; Established by Government of India)
Longowal- 148 106, District- Sangrur, Punjab

SLIET/Dean (R&C)/2024/337

Dated: 11/06/2024

NOTIFICATION

Admission in Ph.D. programmes (Academic Session 2024-25)

Important Dates:

- Last date for submission of application form (along with all relevant documents in PDF format), through email- phdadmissions@sliet.ac.in is **10/09/2024**
- Date of written test/interview/presentation= **12/09/2024**
- Declaration of result of written test and interview/presentation= **12/09/2024**
- Date of counselling= **13/09/2024**

Last date for submission of scanned applications through offline mode (through email only) is 10/09/2024. Application form, all relevant documents and the print out of online deposited applicable application fee in PDF format is required to be emailed at: phdadmissions@sliet.ac.in, pl. also inform on mobile No. 9216781838. **Application fee is required to be deposited through any online mode in the Saving Bank Account No. 5508622419 of phdadmissions, IFSC Code: CBIN 0283105 of Central Bank of India, Longowal.** Format of application form attached (pl. see last page).

Date of written test (venue- Committee Room, Office of Dean (R&C), 1st Floor, Library Block, SLIET, Longowal) & interview/presentation: **12/09/2024 from 10.00 A.M.** onwards in the concerned department after submission of original application along with all documents including print out of submitted application fee in the office of Dean (R&C).

Ph.D. admissions are open under the following categories:

1. Full-time scholars with institute fellowship.
2. Full-time scholars without institute fellowship.
3. Part-time scholars.
4. Admission of working professional in Ph.D. Executive (Part-Time) programme.



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I. Eligibility for scholars under categories (Category- 1):

1. Full-time scholars with institute fellowship:

For the candidates who have qualified GATE/NET during the last 5 years (Year- 2020 onwards) in Engineering/Technology/Sciences/ Humanities & Management plus detailed guidelines as per following link (Page No. 47 to 49)-

<https://www.slietexam.co.in/Images/Doc/INFORMATION%20BROCHURE%20SET-2024.pdf>

Eligibility:

- (I) a) **Engineering & Technology (Except Food Engineering & Technology):** B.E./B.Tech. and M.E./M.Tech. OR Integrated Master's Degree in Engineering/Technology degree in relevant branch OR equivalent degree with First Class in any one of the Degrees.
- b) **Food Engineering & Technology:** Bachelor's degree in Science/Engineering/Technology and Master's Degree in Food Science/Technology OR Microbial & Food Technology, OR Biotechnology OR Integrated Master's Degree in Engineering /Technology OR equivalent degree with First Class in any one of the Degrees.
- (II) **Sciences:** Bachelor's degree in Science/Technology and Master's Degree in Science/Technology in relevant discipline OR Integrated Master's Degree in Science/Technology OR equivalent degree with First Class in any one of the Degrees.
- (III) **Humanities:** Bachelor's Degree and Master's Degree in Humanities in relevant discipline OR equivalent degree with First Class in any of the Degrees.
- (IV) **Management:** Bachelor's Degree and Master's Degree in Management/Engineering in relevant discipline OR equivalent degree with First Class in any of the Degrees.



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In addition, following specializations will considered for Ph.D. admissions:

Sr. No.	Disciplines	Code	Field of specialization to be considered for admission
1	Chemical Engineering	Ph.D.-CE	Chemical and Allied fields
2	Chemistry	Ph.D.-CHY	UG Level: B.Sc. with Chemistry as one of the subject PG Level: M.Sc. with Chemistry
3	Computer Science and Engineering	Ph.D.-CSE	NLP, Artificial intelligence, Machine learning, Pattern recognition, Cryptography, Metaheuristic Optimization, Cloud computing, IOT, Energy Optimization, Green Computing, WSN, Optimization technique, DIP, Wireless sensor networks, Cyber security, application of machine learning & AI in mental disorder, IORT, Epidemiology, Complex system modeling, agent-based modeling
4	Electrical and Instrumentation Engineering	Ph.D.-EIE	As per decision of Departmental Recommendation Committee
5	Electronics and Communication Engineering	Ph.D.-ECE	Electronics and Communication Engineering, Electronics and Telecommunication Engineering, Electrical and Electronics Engineering, Instrumentation and Control Engineering, Computer Science Engineering
6	Humanities (English)	Ph.D.-ENG	As per decision of Departmental Recommendation Committee
7	Food Engineering and Technology	Ph.D.-FET	As per decision of Departmental Recommendation Committee
8	Management	Ph.D.-MGT.	As per decision of Departmental Recommendation Committee
9	Mathematics	Ph.D.-MATH	UG Level: B.A./B.Sc. with Mathematics PG Level: Mathematics/Applied Mathematics/Industrial Mathematics
10	Mechanical Engineering	Ph.D.-MECH.	Mechanical/Manufacturing/Welding/Industrial & Production/ Thermal/ CAD CAM/Energy System and other areas related to Mechanical Engineering
11	Physics	Ph.D.-PHY	Materials Science and Engineering, Radiation Physics, High Energy Physics, Microwave Studies



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NOTE:

- (i) Relaxation in qualifying marks for reserved categories (SC/ST/OBC-Non-Creamy layer/ Differently abled/Economically Weaker Section (EWS), etc.) shall be given as per Government of India guidelines.
- (ii) Relevant branch/Discipline shall be as per AICTE/UGC guidelines issued from time to time, as applicable. Details shall be provided on the institute website as per the guidelines of these regulatory authorities.
- (iii) The validity of the GATE/NET shall be considered as per AICTE Doctoral Fellowship (ADF) guidelines OR the guidelines issued by CSIR/UGC.
- (iv) The GATE/NET qualified candidates shall only be eligible for admissions in Full Time Ph.D. programme with Institute Fellowship.
- (v) Eligibility is subject to minimum of 55 % marks or equivalent grade in Bachelor's and Master's degree.

Distribution of seats are as under:

S. No.	Programme (s)	Seats for Full Time with Fellowship for GATE/NET qualified candidates	Seats for Full Time Without Fellowship	Seats for Part Time/ Executive (Part-Time)
1.	Chemical Engineering	05	12	15
2.	Chemistry	04	03	01
3.	Computer Science & Engineering	05	10	06
4.	Electrical & Instrumentation Engineering	05	08	14
5.	Electronics and Communication Engineering	05	08	10
6.	Humanities (English)	01	02	NIL
7.	Management	01	05	05
8.	Food Engineering & Technology	01	04	NIL
9.	Mathematics	02	01	01
10.	Mechanical Engineering	04	06	15
11.	Physics	04	02	02
12.	Interdisciplinary Research	04	-	-



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II. Eligibility for scholars under categories (Category- 2 & 3):

- 2. Full-time scholars without institute fellowship &**
- 3. Part-time scholars**

In addition to the qualifying degrees, as applicable for Full Time candidates as detailed in above said Point No. I (for Category 1) and amended from time to time. For Non-GATE & Non- NET candidates who are interested for Full-time scholars without institute fellowship & Part-time scholars, written test will be conducted on **12/09/2024 from 10.00 A.M. in the Committee Room of Dean (R&C), 1st Floor, Library Block**. Candidates who secure 50% marks in the written test are eligible for interview/presentation on same day in the respective department (s). However, a relaxation of 5% shall be given to candidates belonging to SC/ST/OBC (NCL)/PWD/EWS categories. Detailed guidelines as per following link **(Page No. 47 to 49):**

<https://www.slietexam.co.in/Images/Doc/INFORMATION%20BROCHURE%20SET-2024.pdf>

III. Eligibility for admission of working professional in Ph.D. Executive (Part-Time) programme (Category 4):

(i) Eligibility Criteria:

- a) Reputation of the company or organization where the candidate is working:
 - The companies (private / government), research organizations, Ministries of Central and State Governments wherein the candidate is presently employed should have well established reputation & image.
 - In case the department is not sure about the company / organization, the decision will be taken by a committee comprising of the Dean (Academic), Dean (R&C), HOD concerned and put up before the Director for approval.
- b) Defence or other ministries of the Government of India or any other government organizations.
- c) Established industrial research and development organizations
- d) Autonomous bodies and public undertakings **Excluding Academic Institutions.**

(ii) Requisite Qualifications:

In addition to the qualifying degrees, as applicable for Full Time/Part Time candidates as detailed in above said Point No. I (Category 1, 2 & 3) and amended from time to time. For Non-GATE & Non- NET candidates who are interested for Ph.D. Executive (Part-Time) programme, written test will be conducted on **12/09/2024 from 10.00 A.M. in the Committee Room, 1st Floor Library Block, Office of Dean (R&C)**. Candidates who secure 50% marks in the written test are eligible for interview/presentation on same day in the respective department (s). However, a relaxation of 5% shall be given to candidates



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belonging to SC/ST/OBC (NCL)/PWD/EWS categories. Detailed qualifications/guidelines as per following link (**Page No. 47 to 49**)-

<https://www.slietexam.co.in/Images/Doc/INFORMATION%20BROCHURE%20SET-2024.pdf>

Candidates must fulfil ONE of the following additional requirements:

- (a) GATE {who have qualified GATE during the last 5 years (Year- 2020 onwards)}.
- (b) Selected through National Eligibility Test – UGC NET including lectureship (Assistant Professorship) {who have qualified GATE during the last 5 years (Year- 2020 onwards)}.
- (c) Selected through a National level examination conducted by MHRD or its agencies /Institutions such as UGC/ IIT/ IISc. / IISER/ IIIT etc.
- (d) Selected provisionally for the DST-INSPIRE Fellowship (provisional award letter to be produced).
- (e) **Minimum of TWO years of professional experience (acquired after obtaining the qualifying degree and completed before the starting of the semester in which admission is sought).**

(iii) Experience and NOC:

Two years of post-qualification experience (experience may include stints at multiple organizations) for candidates holding Bachelor / Master Degree in relevant disciplines. Candidate needs to provide “No Objection” Certificate issued by his / her organization for pursuing Ph.D. under the proposed scheme: “**Ph.D. program for Working Professionals**”.

(iv) Selection / Admission Procedure:

For Non-GATE & Non- NET candidates who are interested for this programme, written test will be conducted on **12/09/2024 from 10.00 A.M. in the Committee Room, 1st Floor Library Block, Office of Dean (R&C)**. Candidates who secure 50% marks in the written test are eligible for interview/presentation on same day in the respective department (s). However, a relaxation of 5% shall be given to candidates belonging to SC/ST/OBC (NCL)/PWD/EWS categories.

The eligible candidate for this category (Ph.D. program for Working Professionals) will be required to appear before the selection committee, duly constituted as per Ph.D. rules and regulations, for discussing and exploring his/her interests and capabilities in a particular field of research.

(v) Requirement of Courses & Examination:

As applicable for scholar admitted in the Ph.D. program of the institute.

Course Work: The scholar can take up the course work through NPTEL and / or SWAYAM.MOOC or through assignments based on the course content assigned to him / her through a teacher. However, evaluation of the scholar while completing the course work through assignment as per the Ph.D. Rules



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and Regulations of the Institute *i.e.* through minor/ major / quizzes etc. 8 (eight) Weeks NPTEL/SWAYAM/MOOC course would be considered equivalent to 3 credits and 12 weeks NPTEL/SWAYAM would be considered as 4 credits. The list of the courses to be offered to the scholars shall be provided by the DRC well in time before the start of such courses at National level. The mandatory course (s) may be taken up by the scholar in the offline mode offered by the institute or an equivalent course (s) through NPTEL/SWAYAM/MOOC. The Course credit as prescribed in the Ph.D. rules and regulations of the Institute shall also be applicable for this category of research scholar. For award of Ph.D. to working professionals, the Ph.D. rules and regulations shall be applicable, except the relaxation as above.

How to apply:

The interested candidates can submit the scanned application form (format attached, pl. see last page) along with all relevant enclosures (PDF file) as per guidelines available in information brochure- 2024 (<https://www.slietexam.co.in/Images/Doc/INFORMATION%20BROCHURE%20SET-2024.pdf>) available on website of Institute at email id- phdadmissions@sliet.ac.in along with signed **proof of online application fee deposited in the Saving Bank Account No. 5508622419 of phdadmissions, IFSC Code CBIN 0283105 of Central Bank of India, Longowal.** Last date for submission of scanned application (offline mode through email only), all relevant documents and the print out of deposited applicable application fee in PDF format is **10/09/2024.** Original application form and self-certified copies of all relevant documents are required to be submitted by hand in the Office of Dean (R&C) on the day of **scheduled written test/interview/presentation on 12/09/2024.** After payment of application fee, no fee refund request shall be entertained.

Application Fee:

The candidates are required to pay online application fee of Rs. 2065/- in respect of General and Other Categories (Boys), Rs. 1475/- in respect of General and other Categories (Females) and Rs. 1180/- in respect of reserved category candidates (SC/ST/PH). Pl. see Information Brochure- 2024, page No. 1, available on institute web site.

For any queries, please contact: **Email: phdadmissions@sliet.ac.in, Phone: 01672-253108**

Note: The Institute reserves the right to modify or cancel this advertisement/any part of this advertisement at any stage.

-Sd-
Dean (R&C)



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Copy to:

1. Director for information pl.
2. Dean (Academics) for information pl.
3. Chairman SET- 2024 for information pl.
4. All HODs for information pl.
5. Webmaster- for uploading on institute website.



Sant Longowal Institute of Engineering and Technology
Longowal (Sangrur), Punjab-148106
Admission Session:2024-25 (2nd round, Odd Semester)
Ph.D. admissions, Name of programme:

Name				Affix Photograph
Father's Name				
Mother's Name				
Educational Qualification:				
Area of Specialization				
Result Status:				
Marks % of B.E./B.Tech.		Marks % of M.E./M.Tech.		Choice of Course (Pl. mention category as per advertisement)
Are you GATE/NET qualified?		Admission sought for:		
GATE Qualifying Year		GATE/NET Marks		Physically Handicap:
Religion:			Annual Income:	
Gender				Email ID
Nationality				DOB
Aadhar No.				Social Category
Mobile No.		Mobile No.1		Mobile No.2
Current Address				
Permanent Address				
Bank Ref ID			Fee Type:	
Mode of Payment:			Amount & Date of online transfer	

Declaration:

I hereby declare that all the particulars stated by me in this application form are true to the best of my knowledge and belief. I have read the information guidelines and I shall abide by the terms and conditions therein. Also, it is entirely my responsibility, at the time of counselling to prove my eligibility for admission to Ph.D. course in respect of qualification and entitlement for admission against reserve category, if claimed, to the satisfaction of the institute. Further, in the event of suppression or distortion of any fact made in my application form, I understand that my candidature is liable for cancellation. I also understand that the decision of the admission committee of SLIET regarding my admission is final and I shall abide by the decision. Further, if admitted, I promise to abide by the rules and norms of the institute. For details see advertisement.

Please attach additional typewritten page if required.

Date:

Name and signature of Candidate