

संत लौगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान.

लौंगोवाल, संगरुर, पंजाब - १४८१०६ (शिक्षा मंत्रालय, भारत के अधीन सम विश्वविद्यालय)

Sant Longowal Institute of Engineering and Technology,

Longowal, Distt. Sangrur, Punjab – 148106 (Deemed To Be University under Ministry of Education, GoI)

RECRUITMENT TO THE POST OF ASSISTANT PROFESSOR

Sant Longowal Institute of Engineering & Technology, Longowal, Distt. Sangrur (Punjab) is a Centrally Funded Technical Institute (CFTI) which has been established by Ministry of Education (MoE), Government of India (GoI) with the objectives of providing qualified manpower at non-formal & skill development, Diploma, Graduate, Post Graduate and Ph.D level in various disciplines of Science, Engineering and Technology. The Institute invites Online Applications from the eligible candidates having excellent academic background & commitment for teaching-learning, research and student counselling for the post of ASSISTANT PROFESSOR (Level-10, Entry Pay Rs. 57700) in various disciplines, as per detail given below. Online application process will start from 25.06.2023 and submission link will be disabled on 08.08.2023, 11:59 P.M. Downloaded printout of duly signed application with necessary enclosures must reach at SLIET as per the time schedule mentioned in point no. 44 of instructions.

S. No	Name of the Department	Vacancies						Notification Number	
		SC	ST	OBC- NCL	EWS	UR	PwBD	Total	
1.	Chemical Engg.			01				01	18/2023
2.	Chemistry		01	01	01			03	19/2023
3.	Civil Engineering	01		01		01		03	20/2023
4.	Computer Science & Engg.	01	01	01	01	08		12	21/2023
5.	Electrical & Instrumentation Engg.	01	01	02		02		06	22/2023
6.	Electronics & Comm. Engg.				01			01	23/2023
7.	Food Engg. & Tech.		01	01		01		03	24/2023
8.	Management & Humanities (English)		01	01				02	25/2023
9.	Mathematics			01			01	02	26/2023
10.	Mechanical Engg.	01		01	01	04	01	08	27/2023
11	11 Physics			01				01	28/2023
	Total	04	05*	11	04	16	02	42	

^{*}Including 02 backlog vacancies.

Note: The Reservation for PwBDs is as under:

Sr. No	Department	No. of Post	Category
1	Mathematics	01	Low Vision (LV)
2	Mechanical Engg.	01	Hard of Hearing (HH)

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INSTRUCTIONS AND INFORMATION

1. **SPECIALIZATION:** The tentative areas of Specialization for the posts in various Departments is given below. However, the Institute reserves the right to select/consider any area of specialization: -

S.No.	Name of the	Specialization Required
	Department	
1 Chemical		Chemical Engineering/ Chemical Technology with research confirming
	Engineering	to:
		Cleaner Production/Process Integration and Intensification/ Membrane
		Technology/ Computational Fluid Dynamics/ Nanotechnology / Electrochemical Engineering/ Industrial Safety/ Biochemical
		Engineering/ Separation Technology/ Process Dynamics and
		Control/Process Engineering/Transport Phenomena /Process Plant
		Design/Pulp and Paper Technology/ Polymer Technology/ Molecular
		Simulation and Thermodynamics/ Artificial Intelligence and Machine
		Learning in the field of Chemical Engineering/ Technology.
	•	
2	Chemistry	Inorganic Chemistry/Physical Chemistry/Organic Chemistry
3	Civil Engineering	Structural Engineering/ Transportation/Highway Engineering/
4	Computer	Environmental / Geotechnical Engineering Cloud Computing / Artificial Intelligence / Data Science / Natural
4	Computer Science &	Language Processing / Image Processing / Data Mining / Databases /
	Engineering	Wireless Sensor Networks / Computer Networks / Cyber Security
5	Electrical &	Power Electronics/ Control System/ Instrumentation Sensor Designing/
	Instrumentation	Internet of Things.
	Engineering	
6	Electronics &	Optical Communication/Communication System & Networks/ Sensors
	Communication	
7	Engineering Food Engineering	Food Engineering and Technology/ Processing and Food Engineering/
/	& Technology	Food Technology/ Agricultural Process and Food Engineering/Food
	& reciliology	Engineering/Food Science/Food Process Engineering
		Engineering/Yeed colonies/Yeed Yyeeses Engineering
8	Management &	
	Humanities	
	(English)	
8	Mathematics	Pure Mathematics particularly Complex Analysis, Functional,
		Analysis, Number Theory, AlgebraApplied Mathematics particularly Mathematical
		Applied Mathematics particularly Mathematical Modelling, Discrete Mathematics,
		Approximation Theory, Operations Research
		Statistics, Data Science
9	Mechanical	Computational Fluid Dynamics/ Vibration/ Metallurgy/ Thermal/
	Engineering	Industrial Production/ Simulation and Modelling/ Smart Manufacturing/
	7	Welding/ Additive Manufacturing
10	Physics	Electrodynamics
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Note: The areas of specialization mentioned above and the post/level applied-for will be taken into account while short-listing. Due consideration shall be given to the requirements of the individual departments. In addition, short-listing criteria may vary for different posts within the department. MoE/ AICTE guidelines received from time to time for recruitment will be followed.

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2. QUALIFICATIONS & EXPERIENCE REQUIRED:

S.No	Post / Qualifications and Experience					
1	Assistant Professor (Engineering/ Technology)					
	BE/B. Tech and ME/M. Tech/MS, or Integrated M. Tech. in relevant subject with First Class or equivalent grade in a point wherever grading system is followed.					
2.	Assistant Professor (Humanities & Sciences)					
	 i. Good academic record as defined by the concerned university with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) at the Master's Degree level and First Class at the Graduation Level in a relevant subject from an Indian University, or an equivalent degree from an accredited foreign university. ii. Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET: 					
	Provided, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfilment of the following conditions: - a) The Ph.D. degree of the candidate has been awarded in a regular mode; b) The Ph.D. thesis has been evaluated by at least two external examiners; c) An open Ph.D. viva voce of the candidate has been conducted; d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal; e) The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency. The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.					
	Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET. OR					
	The Ph.D degree has been obtained from a foreign university/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following: (i) Quacquarelli Symonds (QS) (ii) the Times Higher Education (THE) or (iii) the Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).					

How to Apply:

- The aspiring applicants satisfying the eligibility criteria in all respect can submit their application through ON-LINE mode only. The candidates have to fill the Summary Form, duly typed and upload the soft copy both PDF and MS-Word Format in the portal and must send it along with print-out of online application form and copies of documents.
- The link for online submission of applications shall be made available under 'Notification', "Quick Links" "Announcements" and "Vacancy" Heads on the SLIET official website i.e., 4. http://www.sliet.ac.in

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5. It is mandatory that the applicants shall send the duly filled and signed hardcopy of the submitted application form along with Summary form, self-attested photocopies of their proof of date of birth, eligibility qualification, Consolidated mark sheets, degrees, paper publications, paper presentation, Project sanctioned letter and other relevant testimonials by speed post/registered post/ courier to: -

Registrar,

Sant Longowal Institute of Engineering & Technology(SLIET), Longowal-148106, Distt. Sangrur (Punjab)

- The envelope containing the hard copy of application with enclosures must be super-scribed as 6. "Application for the post of in the Department of.....". Notification Number :....
- 7. The Institute will not be responsible for non-receipt/late receipt of applications due to postal delay.
- Incomplete applications/the applications that do not meet advertised criteria or applications without fee will be rejected without entering into any correspondence.

Important Instructions

- That this Advertisement is in supersession of earlier advertisement issued in 2021 (No. 02/2021). Those candidates who had applied earlier in response to any of the Institute advertisement are required to apply afresh along with requisite fee. For details instructions, please see Sr. No. 16.
- The Institute reserves the right to increase/decrease or not to fill any of the advertised post without any notification.
- Appropriate regulations issued from time to time by Ministry of Education (MoE), Gol/AICTE/UGC shall apply for pay scales, educational qualifications and experience prescribed above after duly recommended by the ACoFAR and adoption by the Board of Management, SLIET.
- The in-service candidate should apply through proper channel or should furnish No Objection 12 Certificate (NOC) from their employer/competent authority at the time of interview. They can, however, send an advance copy of the online submitted application form and relevant enclosures.
- Candidates shall have to produce original documents at the time of appearing in Written Test/Presentation/Interview. In the absence of the same, candidature will not be considered for written test/presentation/ Interview.
- No TA will be paid for appearing for written test/presentation/interview.
- No correspondence whatsoever will be entertained from candidates regarding eligibility/conduct & result of written test/interview etc. and reasons for not being called for written test/interview etc.

Application Fee:

- (a) Candidates belonging to GENERAL/OBC-NCL/EWS category have to pay application fee of 16 Rs.1200/- (Rupees One Thousand Two hundred only) online (including portal charges and GST) at the time of application which is non-refundable. Candidates belonging to SC/ST/PwBD categories and women candidates are exempted from application fee. However, they will have to pay the portal charges of Rs.150/- to service provider.
 - (b) The candidates who have applied earlier against Advt. No. 02/2021 need to apply afresh, without application fee. However, they need to pay online portal charges.
- Application fee once paid is not transferable; is non-refundable; and is non-adjustable for any future vacancy.

Reservation and Relaxation:

- One Post of Assistant Professor in the Department of Mathematics is reserved for PwBDs [Low Vision (LV)] and one post in the Department of Mechanical Engineering is reserved for PwBDs [Hard of Hearing (HH)], if such a suitable candidate is available for Recruitment from any category/department mentioned above.
- The statutory provision for relaxation prescribed by Govt. of India in case of the candidates belonging 19 to reserved categories will be made applicable to them.

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- 20 Reservation in Direct recruitment shall be applicable as per Govt. of India Norms. Govt. of India O.M. No. 36039/1/2019-Estt(Res) dated 31st January, 2019.
- 21 SC/ST/OBC-NCL/PwBD/EWS certificates should have been issued by the competent authority designated by Central / respective State/ UT Government and should be valid as on the closing date for submission of application. Divyang / PwBD certificate should mention percentage of disability.
- The recruitment process will be governed by the Rules of Recruitment for Faculty (Direct Recruitment) approved by the Board of Management of the Institute in its 32nd meeting and subsequent amendment, if any during the process of present recruitment.

Short Listing Criteria:

- 23. The prescribed Essential Qualification/Experience indicated are bare minimum and mere possession of same will not entitle the candidates to be called for test/interview.
- 24. The Short-Listing Criterion for the Post of Assistant Professor in Engineering & Technology, Humanities/Sciences will be as per **APPENDIX-V**.
- 25. However, the Institute may adopt any method for screening the candidates and mere eligibility will not entail any right on the candidates to be called for interview.
- 26. Institute is free to restrict/change the criteria to call the eligible candidates for written test/interview.

Written Test/ Interview:

- 27. It is mandatory for the candidates to appear in person for written test and/or Technical Presentation and interview.
- 28. Facility of Technical Presentation and Interview through video conferencing for candidates residing abroad may be made available at their own risk and Institute is not responsible for any technical issue related to internet connectivity resulting in failure to appear before the presentation/ selection committee.
- 29. Schedule of Written Test and/or Presentation/Interview will be uploaded on the Institute website in due course of time. Applicants are advised to keep visiting the Institute website (http://www.sliet.ac.in) on regular basis.

Pay Protection and Claim for Higher Pay:

- 30. Basic pay of the selected candidate will be fixed as per the recommendations of the selection committee only. Candidate from Government/Semi Government/Quasi Government service seeking pay protection and those seeking higher pay than minimum must stake their claim before the selection committee at the time of interview for necessary recommendation to avail pay protection/higher pay/ Pay level.
- 31. In case of any inadvertent omission in advertisement/selection process discovered even after issuance of appointment letter, the institute reserves all rights to withdraw/cancel/modify any communication made to the candidates.

Communication and Interim Inquiry:

- 32. All communications in regard with recruitment will be made by e-mail only. Candidates should check their email, including SPAM folder regularly. No separate intimation will be sent by post or any other mode. For any further query/clarification/issue, the applicants may contact at the followings: Phone Number: 01672-253115, 253116 Email ID: recruitment2023@sliet.ac.in
- 33. Hence, candidates are advised in their own interest to provide their working e-mail id and add to white-list the e-mail id: recruitment2023@sliet.ac.in, so that communications from Institute does not end up in spam folder. Institute will not be responsible for non-receipt of intimation via e-mail due to any technical reason/problem not attributable to the Institute.

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- 34. The decision of the Institute in all matters related to this recruitment shall be final. No correspondence/interim inquiries will be entertained from the candidates in connection with the process of selection/interview
- 35. Applicants are required to check the website regularly for further updates.

Corrigendum/ Addendum:

36. If required, the Institute reserves the right for issuing any corrigendum/addendum after the advertisement. All such addendum/corrigendum will be published on the Institute Website only.

General:

- 37. Any dispute with regard to the selection / recruitment process will be subject to Courts /Tribunals having jurisdiction over Chandigarh/Sangrur.
- 38. The candidate is responsible for furnishing the correct information in the application form. If at any stage the information supplied by the candidate is found to be false, concealed, suppressed or distorted his/her candidature is liable to be cancelled.
- 39. In case, it is found that the candidate has undesirable clandestine antecedents/back ground and has suppressed the said information, then his/her candidature will be cancelled.
- 40. Before filling up the online application form, candidates are advised to have following documents on hand:
 - a. Photo along with signature in jpg format of size not exceeding 200 KB.
 - b. Date of Birth Certificate in jpg format of size not exceeding 200 KB.
 - c. Category (SC/ST/OBC/PwBD/EWS etc.) Certificate in jpg format of size not exceeding 200 KB.
 - d. Proof of Educational qualification (single pdf file of size not exceeding 2 MB).
 - e. ID Proof (Employee ID issued by Govt organizations/ PSU, Driving License, PAN, Voter ID/ Passport/ OIC card etc.) in jpg format of size not exceeding 200 KB.
 - f. UGC NET/SLET/GATE certificate in jpg format of size not exceeding 200 KB.

NOTE:- The candidates need to upload supporting document for claim of any marks/relaxation.

- 41. In case of any typographical mistake/clarification, the decision of the Director on the recommendations of Advisory Committee on Faculty Recruitment (ACoFAR) of the Institute will be final
- 42. Records of the candidates not selected shall not be preserved beyond Six(06) months from the date of declaration of the result of selection.
- 43. Canvassing in any form will disqualify the applicant.

IMPORTANT DATES:

44. Following will be important dates for application:

Important Events	Dates
Start date for applying online	25.06.2023
Last date for applying online for all	08.08.2023
Last date for receipt of Signed copy of Application with enclosures from rest of India	16.08.2023
Last date for receipt of Signed copy of Application with enclosures posted from Andaman & Nicobar Islands, Lakshadweep, J&K, Ladakh, North Eastern States, Kinnaur, Lahul-Spiti, Chamba districts of Himachal Pradesh, Tehri-Garhwal region of Uttarakhand & abroad	23.08.2023

DIRECTOR

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Short-listing criterion for Assistant Professors

Engineering/Technology:

Performance Maximum		Remarks				
Indicator	marks					
B.E./B.Tech.	15	The marks will be awarded proportionately on the basis of percentage of marks				
Examination	4.5	obtained in the concerned examination. For converting CGPA to percentage,				
M.E./M.Tech.	15	conversion formula defined by the concerned Institute / University will be				
Examination		followed. In case conversion formula is not available, the AICTE conversion				
0.475.0	00	formula / table will be used.				
GATE Score	20	Marks out of 100 will be considered as follows				
	9	Qualified and marks ≤30				
	2,2	Marks >30 and ≤40				
		Marks >40 and ≤ 50				
		 Marks >50 and ≤ 75 – 15 Marks 				
		 Marks ≥ 75 – 20 Marks 				
Ph.D. or	25 for Ph.D	Syllabus for written Test: GATE syllabus of respective discipline.				
Weightage of	or 30 for	For written test minimum qualifying score will be 30 percentile. Candidates				
Written Test for	written test	scoring less than 30 percentile will not be considered for short-listing				
Screening (for		criterion.				
qualified		Maximum 10- marks will be awarded if candidate has completed Ph.D.				
candidates only)		degree following UGC Guidelines of Ph.D. or Institute of national importance				
9	-	(i.e. IITs, IISc/ NITs etc.) duly recognized by the MHRD.				
		Maximum 15 marks will be awarded for the published work related to the				
		award of Ph.D. degree. The procedure for awarding the marks for published				
		work is given in Table. 1.				
		If a candidate possesses Ph.D. degree and opts to appear in written test for				
		screening, then higher marks out of two will be considered.				
Research	10	The procedure to award the marks for published work is given in Table 1. The				
Publications/R&D	10	published work for the award of Ph.D. degree will not be considered for marks.				
Projects		The procedure to award the marks for R&D/ Projects is given in Table 2.				
Quality of Institute	15	The procedure to divard the manter of the process of given in table 2.				
(based on NIRF		Examination B.E./B.Tech. M.E./M.Tech. Ph.D.				
ranking for the		Marks 05 05 05				
current year on the		Marks 00 00				
last date of receipt • For UG/PG- NIRF ranking of graduating Institute will be cou						
of applications)						
o. applications)		For Ph.D NIRF ranking of degree awarding Univ./Institution will be counted.				
		Appropriate Available of Availa				
		Method of Calculation of Marks is (100-(NIRERINKIN a-1))				
		$Marks = \begin{cases} \frac{(100 - (NIRFRanking - 1))}{100} \times 5 & ; if (100 - NIRFRanking) > 0 \end{cases}$				
		0 ; Otherwise				
		,				

Table 1: The procedure to award the marks for published work.

- 10 marks will be awarded for each Paper published by the candidate in a SCI/SCOPUS journal having impact factor more than 1.0.
- 7.5 marks will be awarded for each Paper published by the candidate in a SCI/ SCOPUS journal having impact factor less than or equal to 1.0.
- 5 marks will be awarded for each Paper published by the candidate in a ESCI / SCOPUS indexed journal.
- 2.0 marks will be awarded for each Paper published by the candidate in Referred Journal. The Journal must be enlisted in the latest UGC/AICTE approved list.

Table 2: The procedure to award the marks for R&D Projects/ Patents

- 10 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting more than 10 lac as principal investigator (PI).
- 5 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting less than or equal to 10 lac as principal investigator (PI).

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- 5 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting more than 10 lac as co-principal investigator (Co-PI).
- 2.5 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting less than or equal to 10 lac as co-principal investigator (Co-PI).
- 10 marks will be awarded for each approved patent if the candidate got approved /published the patent as a principal investigator (PI).
- 5 marks will be awarded for each approved patent if the candidate got approved /published the patent as a co-principal investigator (Co-PI).

Humanities & Sciences

Performance Indicator	Maximum marks	Remarks		
Graduation Post-Graduation	20	The marks will be awarded proportionately on the basis of percentage of marks obtained in the concerned examination. For converting CGPA to percentage, conversion formula defined by the concerned Institute / University will be followed. In case conversion formula is not available, the AICTE conversion formula / table will be used.		
NET/SLET/ SET/GATE score	20	Marks out of 100 will be considered as follows • Qualified and marks ≤30		
Ph.D. or Weightage of Written Test for Screening(for qualified candidates only)	25 for PhD or 30 for written test	 Syllabus for written Test: NET syllabus of respective discipline. For written test minimum qualifying score will be 30 percentile. Candidates scoring less than 30 percentile will not be considered for short-listing criterion. Maximum 10- marks will be awarded if candidate has completed Ph.D. degree following UGC Guidelines of Ph.D. or Institute of national importance (i.e. IITs, IISc/NITs etc.) duly recognized by the MHRD. Maximum 15 marks will be awarded for the published work related to the award of Ph.D. degree. The procedure for awarding the marks for published work is given in Table. 3. If a candidate possesses Ph.D. degree and opts to appear in written test for screening, then higher marks out of two will be considered. 		
Research Publications/ R&D Projects	10	The procedure to award the marks for published work is given in Table 3. The published work for the award of Ph.D. degree will not be considered for marks. The procedure to award the marks for R&D/ Projects is given in Table 4.		
Quality of Institute (based on NIRF ranking for the current year on the last date of receipt of applications)	15			

Table 3: The procedure to award the marks for published work.

- 10 marks will be awarded for each Paper published by the candidate in a AHCI/SCI/SCOPUS journal having impact factor more than 1.0.
- 7.5 marks will be awarded for each Paper published by the candidate in a AHCI/SCI/ SCOPUS journal having impact factor less than or equal to 1.0.

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- 5 marks will be awarded for each Paper published by the candidate in a AHCI/ESCI / SCOPUS indexed journal.
- 2 marks will be awarded for each Paper published by the candidate in Referred Journal. The Journal must be enlisted in the latest UGC/AICTE approved list.

Table 4: The procedure to award the marks for R&D Projects/ Patents

- 10 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting more than 10 lac as principal investigator (PI).
- 5 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting less than or equal to 10 lac as principal investigator (PI).
- 5 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting more than 10 lac as co-principal investigator (Co-PI).
- 2.5 marks will be awarded for each R&D project if the candidate has completed R&D Project amounting less than or equal to 10 lac as co-principal investigator (Co-PI).
- 10 marks will be awarded for each approved patent if the candidate got approved /published the patent as a principal investigator (PI).
- 5 marks will be awarded for each approved patent if the candidate got approved /published the patent as a co-principal investigator (Co-PI).

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