



संत लौगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान,  
लौगोवाल, संगरूर, पंजाब - 148106  
(शिक्षा मंत्रालय के अधीन)

**Sant Longowal Institute of Engineering and Technology,**  
**Longowal, Distt. Sangrur, Punjab - 148106**  
(Deemed To Be University under Ministry of Education)

**ADVERTISEMENT FOR RECRUITMENT TO THE POST OF ASSISTANT PROFESSOR**  
(Including Special Drive for SC/ST/OBC)

NOTIFICATION NO. 02/2021

DATED:02.09.2021

Sant Longowal Institute of Engineering & Technology, Longowal, Distt. Sangrur (Punjab) is a Centrally Funded Technical Institute which has been established by Ministry of Education, Government of India 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 57700) in various disciplines, as per details given below. Online application process will start from **13.09.2021** and submission link will be disabled on **22.10.2021 at 11:59 P.M.** Downloaded printout of duly signed application with necessary enclosures must reach at SLIET by **08.11.2021 upto 05:00 P.M.**

S.No	Name of the Department	Vacancies*				
		SC	ST	OBC	EWS	Total
1.	Chemistry	--	01	01	01	03
2.	Mathematics	--	--	--	01	01
3.	Food Engg. & Tech.	--	01	01	01	03
4.	Chemical Engg.	--	--	01	--	01
5.	Computer Science & Engg.	01	01	06	04	12
6.	Electronics & Comm. Engg.	--	--	--	01	01
7.	Electrical & Inst. Engg.	01	01	03	01	06
8.	Mech. Engg.	01	01	04	02	08
9.	Management & Humanities (English)	--	01	01	--	02
10.	Civil Engineering		01	01	01	03
	<b>Total</b>	<b>03</b>	<b>07</b>	<b>18</b>	<b>12</b>	<b>40</b>

\* Vacancies include SC/ST backlog and OBC carry forward vacancies arising from time to time.

\*Five posts of Assistant Professor are reserved for Persons with Disabilities (OA, OL), if such a suitable candidate is available for Recruitment from any category mentioned above.

The department-wise distribution of advertised posts is tentative subject to ratification by the BoM.

**INSTRUCTIONS AND INFORMATION**

1. The tentative areas of Specialization for the posts in various Departments will be as under, however, the Institute reserves the right to select/consider any area of specialization: -

**Table- A : Specialization Required**

S. No	Name of the Department	Specialization Required
1.	Chemistry	Physical/Organic/Inorganic
2.	Mathematics	1. <b>Pure Mathematics</b> : Analysis/Differential Geometry/Coding theory/ Cryptography/ 2. <b>Applied Mathematics</b> : Statistics/ Graph Theory/ Discrete Mathematics/ Python Language/ Artificial Neural Network/ Mathematics Modelling



3.	Food Engg.& Tech.	Food Engineering and Technology/ Food Technology/ Food Plant Operations Management/ Food Process Engineering and Management/ Food Processing/ Food Processing Technology/Food Technology and Management/ Process and Food Engineering/ Food Process Engineering/Food Engineering/ Food Technology and Bio-Chemical Engineering
4.	Chemical Engg.	Chemical Engineering/ Chemical Technology with research confirming to : Cleaner Production/ Process Integration and Intensification/Membrane Technology / Computational Fluid Dynamics/ Nanotechnology/Electrochemical Engg. /Industrial Safety / BiochemicalEngg./Separation Tech. / Process Dynamics and Control/ Process Engg. / Transport Phenomena /Process Plant Design/Pulp and Paper Tech./ Polymer Technology.
5.	Computer Science &Engg.	Natural Language Processing/ Cloud Computing/ Artificial Intelligence/ Image Processing/ Wireless Sensor Networks/ Internet of Things/ Computer Networks/ Software Engineering
6.	Electronics & Communication Engg.	Communication System & Networks/ Optical Communication/VLSI/Sensors
7.	Electrical & Instrumentation Engg.	Power Systems/ Electrical Machines and Drives/ Control Systems/ Measurement and Instrumentation.
8.	Mechanical Engg.	Thermal Engineering/ Mechanical Design/ Production/ Industrial Engineering
9.	M&H (English)	--
10.	Civil Engg.	Structural Engineering/Highway Engineering & Geotechnical/ Soil Engineering

**Note: The areas of specialization mentioned in Table A 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.**

## 2. Table-B:QUALIFICATIONS & EXPERIENCE REQUIRED

S.No	Post / Qualifications and Experience
1	<b>Assistant Professor (Engineering/ Technology)</b> 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.	<b>Assistant Professor (Humanities &amp; Sciences)</b> 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.



	<p><b>Note:</b> 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.</p> <p style="text-align: center;">OR</p> <p>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).</p>
<b>3.</b>	<b>Assistant Professor (Management)</b>
	First Class Bachelor's Degree in any discipline and Master's Degree in Business Administration / PGDM (2 years)/ C.A. / ICWA and 2 years of professional experience after acquiring the Master's degree.


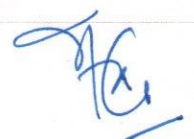
**How to Apply:**

3. The aspiring applicants satisfying the eligibility criteria in all respect can submit their application through **ON-LINE mode only**.
4. The link for online submission of applications shall be made available on SLIET official website i.e. <http://www.sliet.ac.in>.
5. It is mandatory that the applicants shall send the duly filled and signed hardcopy of the submitted application form along with 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)**

6. The envelope containing the hard copy of application with enclosures must be super-scribed as **"Application for the post of ..... in the Department of...."**.
7. Those candidates who had applied earlier in response to any of the Institute advertisement are required to apply afresh along with requisite fee.
8. The Institute will not be responsible for non-receipt/late receipt of applications due to postal delay.
9. Incomplete applications/the applications that do not meet advertised criteria or applications without fee will be rejected without entering into any correspondence.
10. The Institute reserves the right to increase/decrease or not to fill any of the advertised post without any notification.
11. Appropriate regulations issued from time to time by Union Ministry of Education/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.
12. The in-service candidate should apply through proper channel or should furnish a *No Objection 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.
13. 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.
14. No TA will be paid for appearing for written test/presentation/interview.
15. 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:**



16. Candidates belonging to OBC/EWS category have to pay application fee of 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/PWD categories and women candidates are exempted from application fee. However, they will have to pay the portal charges of Rs.150/- to service provider. The portal charges of Rs.150/- are applicable to all categories viz. SC, ST, OBC, EWS, PWD and women.
17. Application fee once paid is not transferable; is non-refundable; and is non-adjustable for any future vacancy.

#### **Reservation and Relaxation:**

18. Five posts of Assistant Professor are reserved for Persons with Disabilities (OA, OL), if such a suitable candidate is available for Recruitment from any category mentioned above.
19. The statutory provision for relaxation prescribed by Govt. of India in case of the candidates belonging to reserved categories will be made applicable to them.
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 31<sup>st</sup> January, 2019.
21. SC/ST/OBC/PWD/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 / PWD certificate should mention percentage of disability.
22. 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 32<sup>nd</sup> 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& Management will be as per **APPENDIX-I**
25. However, the Institute may adopt any method (i.e. through written test or as decided by the Competent Authority) 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 the 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 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.
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: [recruitment2021@sliet.ac.in](mailto:recruitment2021@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.
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 update.

**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 concealed or distorted his/her candidature is liable to be cancelled.
39. In case, it is found that the candidate has undesirable clandestine antecedents/background 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 onhand:
- Photo along with signature in jpg format of size not exceeding 200KB.
  - Date of Birth Certificate in jpg format of size not exceeding 200KB.
  - Category(SC/ST/OBC/PwD/EWSetc.) Certificate in jpg format of size not exceeding 200KB.
  - Proof of Educational qualification(single pdf file of size not exceeding 2MB).
  - 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 200KB.
  - UGCNET/SLET certificate in jpg format of size not exceeding 200KB.
41. In case of any typographical mistake/clarification, the decision of the 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:

ImportantEvents	Dates
Start date for applying online	13.09.2021
Last date for applying online for all	22.10.2021
Last date for receipt of Signed copy of Application with enclosures	08.11.2021

  
02/09/21  
DIRECTOR



## Short-listing criterion for Assistant Professors

## Engineering/Technology:

Performance Indicator	Maximum marks	Remarks								
B.E./B.Tech. Examination	15	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.								
M.E./M.Tech. Examination	15									
GATE Score	20	<p>Marks out of 100 will be considered as follows</p> <ul style="list-style-type: none"> <li>Qualified and marks <math>\leq 30</math> – 05 Marks</li> <li>Marks <math>&gt; 30</math> and <math>\leq 40</math> – 07 Marks</li> <li>Marks <math>&gt; 40</math> and <math>\leq 50</math> – 10 Marks</li> <li>Marks <math>&gt; 50</math> and <math>\leq 75</math> – 15 Marks</li> <li>Marks <math>\geq 75</math> – 20 Marks</li> </ul>								
Ph.D. or Weightage of Written Test for Screening (for qualified candidates only)	25 for PhD or 30 for written test	<ul style="list-style-type: none"> <li>Syllabus for written Test: GATE syllabus of respective discipline.</li> <li>For written test minimum qualifying score will be 30 percentile. Candidates scoring less than 30 percentile will not be considered for short-listing criterion.</li> <li>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.</li> <li>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.</li> <li>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.</li> </ul>								
Research Publications/R&D Projects	10	The procedure to award the marks for published work is given in Table 1. 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 2.								
Quality of Institute (based on NIRF ranking for the current year on the last date of receipt of applications)	15	<table border="1"> <thead> <tr> <th>Examination</th> <th>B.E./B.Tech.</th> <th>M.E./M.Tech.</th> <th>Ph.D.</th> </tr> </thead> <tbody> <tr> <td>Marks</td> <td>05</td> <td>05</td> <td>05</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>For UG/PG- NIRF ranking of graduating Institute will be counted.</li> <li>For Ph.D.- NIRF ranking of degree awarding Univ./Institution will be counted.</li> <li>Method of Calculation of Marks is</li> </ul> $\text{Marks} = \begin{cases} \frac{(100 - (\text{NIRF Ranking} - ))}{100} \times 5 & ; \text{if } (100 - \text{NIRF Ranking}) > 0 \\ 0 & ; \text{Otherwise} \end{cases}$	Examination	B.E./B.Tech.	M.E./M.Tech.	Ph.D.	Marks	05	05	05
Examination	B.E./B.Tech.	M.E./M.Tech.	Ph.D.							
Marks	05	05	05							

**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
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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).

## Humanities & Sciences

Performance Indicator	Maximum marks	Remarks								
Graduation	10	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.								
Post-Graduation	20									
NET/SLET/ SET/GATE score	20	<p>Marks out of 100 will be considered as follows</p> <ul style="list-style-type: none"> <li>• Qualified and marks <math>\leq 30</math> – 05 Marks</li> <li>• Marks <math>&gt; 30</math> and <math>\leq 40</math> – 07 Marks</li> <li>• Marks <math>&gt; 40</math> and <math>\leq 50</math> – 10 Marks</li> <li>• Marks <math>&gt; 50</math> and <math>\leq 75</math> – 15 Marks</li> <li>• Marks <math>\geq 75</math> – 20 Marks</li> </ul> <p>In case marks are not mentioned, 20 marks will be awarded for qualified candidates.</p>								
Ph.D. or Weightage of Written Test for Screening (for qualified candidates only)	25 for PhD or 30 for written test	<ul style="list-style-type: none"> <li>• Syllabus for written Test: NET syllabus of respective discipline.</li> <li>• For written test minimum qualifying score will be 30 percentile. Candidates scoring less than 30 percentile will not be considered for short-listing criterion.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> </ul>								
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 border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Examination</th> <th>Graduation</th> <th>Post Graduation</th> <th>Ph.D.</th> </tr> </thead> <tbody> <tr> <td>Marks</td> <td>05</td> <td>05</td> <td>05</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• For UG/PG- NIRF ranking of graduating Institute will be counted.</li> <li>• For Ph.D.- NIRF ranking of degree awarding Univ./Institution will be counted.</li> <li>• Method of Calculation of Marks is</li> </ul> <p>Marks</p> $= \begin{cases} \frac{(100 - (NIRFRanking - 1))}{100} \times 5 & ; \text{if } (100 - NIRFRanking) > 0 \\ 0 & ; \text{Otherwise} \end{cases}$	Examination	Graduation	Post Graduation	Ph.D.	Marks	05	05	05
Examination	Graduation	Post Graduation	Ph.D.							
Marks	05	05	05							



<b>Table 3:</b> 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.
• 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.

<b>Table 4:</b> 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).

**Management:**

<b>Performance Indicator</b>	<b>Maximum marks</b>	<b>Remarks</b>								
Graduation	10	The marks will be awarded proportionately on the basis of percentage of marks obtained in the concerned examination.								
Post-Graduation	20									
CAT/MAT score	20									
Ph.D. or Weightage of Written Test for Screening(for qualified candidates only)	25 for PhD or 30 for written test	<ul style="list-style-type: none"> <li>• Syllabus for written Test: CAT syllabus</li> <li>• For written test minimum qualifying score will be 30 percentile. Candidates scoring less than 30 percentile will not be considered for short-listing criterion.</li> <li>• 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.</li> <li>• 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. 5.</li> <li>• 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.</li> </ul>								
Research Publications/ R & D Projects	10	The procedure to award the marks for published work is given in Table. 5. 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. 6.								
Quality of Institute (based on NIRF ranking for the current year on the last date of receipt of applications)	15	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Examination</th> <th>Graduation</th> <th>Post Graduation</th> <th>Ph.D.</th> </tr> </thead> <tbody> <tr> <td>Marks</td> <td>05</td> <td>05</td> <td>05</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• For UG/PG- NIRF ranking of graduating Institute will be counted.</li> <li>• For Ph.D.- NIRF ranking of degree awarding Univ./Institution will be counted.</li> <li>• Method of Calculation of Marks is  <math display="block">\text{Marks} = \begin{cases} \frac{(75 - \text{NIRFRanking} - 1)}{75} \times 5 &amp; ; \text{if } (75 - \text{NIRFRanking}) &gt; 0 \\ 0 &amp; ; \text{Otherwise} \end{cases}</math> </li> </ul>	Examination	Graduation	Post Graduation	Ph.D.	Marks	05	05	05
Examination	Graduation	Post Graduation	Ph.D.							
Marks	05	05	05							



<b>Table 5: The procedure to award the marks for published work.</b>
• 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 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.

<b>Table 6: The procedure to award the marks for R&amp;D Projects/ Patents</b>
• 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).






## Methodology for calculating Academic/Research Score

(Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates issued by the University/Institutions and acknowledgements for patent filing and approval letters, students' Ph.D. award letter, etc.)

S.No.	Academic/Research Activity	Faculty of Sciences/ Language/ Humanities/
1.	<b>Research Papers in Peer-Reviewed or UGC listed Journals</b>	08 per paper (sciences) 10 per paper (others)
2.	<b>Publications (other than Research papers)</b>	
	<b>(a) Books authored which are published by:</b>	
	International publishers	12
	National publishers	10
	Chapters in Edited Book	05
	Editor of Book by International Publisher	10
	Editor of Book by National Publisher	08
	<b>Translation works in Indian and Foreign Languages by qualified faculties</b>	
	Chapter or Research paper	03
	Book	08
3.	<b>Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula</b>	
	<b>(a) Development of Innovative pedagogy</b>	05
	<b>(b) Design of new curricula and courses</b>	02 per curricula/course
	<b>(c) MOOCs</b>	
	Development of complete MOOCs in 4 quadrants (4 credit course) (In case of MOOCs of lesser credits 05 marks/credit)	20
	MOOCs (developed in 4 quadrant) per module/lecture	05
	Content writer/subject matter expert for each module of MOOCs (at least one quadrant)	02
	Course Coordinator for MOOCs (4 credit course) ( In case of MOOCs of lesser credits 02 marks/credit)	08
	<b>E-content</b>	
	Development of e-Content in 4 quadrants for a complete course/e-book (at least one quadrant)	12
	e-Content (developed in 4 quadrants) per module	05
	Contribution to development of e-content module in complete course/paper/ e-book (at least one quadrant)	02
	Editor of e-content for complete course/paper/e-book	10
4	<b>(a) Research guidance</b>	
	Ph.D	10 per degree awarded 05 per thesis submitted
	M. Phil/ P.G. dissertation	02 per degree awarded
	<b>(b) Research Projects Completed</b>	
	More than 10 lakhs	10
	Less than 10 lakhs	05
	<b>(c) Research Project Ongoing</b>	
	More than 10 lakhs	05
	Less than 10 lakhs	02
	<b>(d) Consultancy</b>	03
5.	<b>(a) Patents</b>	
	International	10
	National	07
	<b>(b) *Policy Document (Submitted to an International body/organization like UNO/UNESCO/ World Bank/ International Monetary Fund etc. or Central Government)</b>	
	International	10
	National	07
	State	04

I.H.  




	(c) <b>Awards/Fellowship</b>	
	International	07
	National	05
6.	<b>*Invited lectures/Resource Person/ paper presentation in Seminars/Conferences/full paper in Conference Proceedings (Paper presented in Seminar/Conferences and also published as full paper in Conference Proceedings will be counted only once)</b>	
	International (Abroad)	07
	International (within country)	05
	National	03
	State/University	02

**The Research score for research papers would be augmented as follows:**

Peer-Reviewed or UGC-listed Journals (Impact factor to be determined as per Thomson Reuters list):

- i) Paper in refereed journals without impact factor - 5 Points
  - ii) Paper with impact factor less than 1 - 10 Points
  - iii) Paper with impact factor between 1 and 2 - 15 Points
  - iv) Paper with impact factor between 2 and 5 - 20 Points
  - v) Paper with impact factor between 5 and 10 - 25 Points
  - vi) Paper with impact factor >10 - 30 Points
- (a) Two authors: 70% of total value of publication for each author
- (b) More than two authors: 70% of total value of publication for the First/Principal/ Corresponding author and 30% of total value of publication for each of the joint authors.

Joint Projects: Principal Investigator and Co-investigator would get 50% each.