SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY,
(Deemed-to-be-University)
LONGOWAL, DISTT. SANGRUR (PUNJAB)
(Established by : Govt. of India)

RECRUITMENT NOTICE

NOTIFICATION NO. 04/2019   **DATED : 20.07.2019**

Sant Longowal Institute of Engineering & Technology, Longowal, Distt. Sangrur (Punjab) is a Centrally Funded Technical Institute which has been established by Ministry of Human Resource Development, Government of India with the objectives of providing qualified manpower at non-formal & skill development, Diploma, Graduate and Post Graduate level in various disciplines of Engineering and Technology. The Institute invites **Online applications** for the following faculty positions in various disciplines, as per detail given below. Online application process will start from **22.07.2019** and submission link will be disabled on **30.08.2019 at 5:00 P.M.** Hard copy of duly filled application with necessary enclosures must reach at SLIET by **05.09.2019 by 05:00 P.M.**

S. No.	Department	Faculty required							
		Professor Professor (Level-14, Entry Pay 144200)	Associate Professor (Level-13 A1, Entry Pay 131400)	Assistant Professor (Level-10, Entry Pay 57700)					
				SC	ST	OBC	EWS	UR	Total
1.	Physics	01 (UR)	--	--	--	--	--	--	--
2.	Chemistry	--	01(UR)	--	--	--	--	--	--
3.	Mathematics	--	01(UR)	01	--	--	--	--	01
4.	Food Engg. & Tech.	01(UR)	--	--	01	01	--	01	03
5.	Chemical Engg.	03(UR)	01 (UR)	--	--	--	--	--	--
6.	Computer Science & Engg.	03(UR)	02(UR)	01	01	03	--	04	09
7.	Electronics & Comm. Engg.	01(UR)	01(UR)	--	--	01	--	02	03
8.	Electrical & Inst. Engg.	01(UR)	02(UR)	--	--	02	01	02	05
9.	Mech. Engg.	04(UR)	02(UR)	-	--	03	01	03	07
	Total	**14**	**10**	**02**	**02**	**10**	**02**	**12**	**28**

Note :

- One post of Assistant Professor is reserved for Persons with Disabilities (Orthopedically handicapped), if such a suitable candidate is available for Recruitment from any category.
- The department-wise distribution of advertised posts is tentative and will be subject to ratification by the Board of Management of the Institute.

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

S.No.	Name of the Department	Specialization Required
1	Physics	1. Condensed matter Physics (Experiment and theory) 2. Nanoscience and Nanotechnology 3. Atomic and molecular Physics

2.	Chemistry	Inorganic Chemistry/ Physical Chemistry
3.	Mathematics	1. **Pure Mathematics**: Analysis/Algebraic Topology/ Coding theory/ Cryptography/ Differential Geometry. 2. **Applied Mathematics** : Computational Fluid Mechanics/ Statistics/ Mathematical Modelling/ Operations Research/ Numerical Analysis/ Industrial Mathematics.
4.	Food Engineering & Technology	Food Engineering and Technology/ Processing and Food Engineering/ Food Technology/ Agricultural Process and Food Engineering.
5.	Chemical Technology	Chemical Engineering/ Chemical Technology with research confirming to : (a) Cleaner Production (b) Process Integration and Intensification (c) Membrane Technology (d) Computational Fluid Dynamics (e) Nanotechnology (f) Electrochemical Engineering (g) Industrial Safety (h) Biochemical Engineering (i) Separation Technology (j) Process Dynamics and Control (k) Process Engineering (l) Transport Phenomena (m) Process Plant Design (n) Pulp and Paper Technology (o) Polymer Technology
6.	Computer Science & Engineering	1. **Professor:** Neuro Computing/ Cyber Security/ Natural Language Processing/ Cloud Computing/ Image Processing/ Sensor Networks/ Human Computer Interface/ Artificial Intelligence/ Pattern Recognition 2. **Associate Professor:** Artificial Intelligence/ Image Processing/ Pattern Recognition/ Compiler Design/ Natural Language Processing (NLP) 3. **Assistant Professor:** Database/ Cloud Computing/ Soft Computing/ Machine Learning/ Cyber Security/ Theory of Computation.
7.	Electronics & Communication Engineering	Signal Processing/ RF & Microwaves/ VLSI Design/ Optical Communication.
8.	Electrical & Instrumentation Engineering	Power Systems/ Electrical Machines and Drives/ Control Systems/ Measurement and Instrumentation.
9.	Mechanical Engineering	1. **Professor:** Robotics/ Mechatronics/ Design/ Thermal 2. **Associate Professor:** Design/ Robotics/Mechatronics/ Additive Manufacturing/Advance Casting/ Computational Fluid Dynamics 3. **Assistant Professor:** Robotics/Mechatronics/ Computational Fluid Dynamics/ Vibration/ Metallurgy/ Thermal/ Industrial & Production.

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.
	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).

2.	Associate Professor (Engineering/ Technology)	**Educational Qualifications**:
		(a) BE/B.Tech and ME/M.Tech in relevant subject with First Class or equivalent grade in a point wherever grading system is followed.
		(b) Ph.D. degree in relevant field. Post Ph.D. publications and guiding Ph.D. students is highly desirable.
		Work Experience:
		Minimum of 08 years of experience in teaching/research/industry out of which at least 2 years shall be Post Ph.D. experience.
		At least total 6 research publications in SCI/Scopus listed journals.
	Associate Professor (Humanities & Sciences)	**Educational Qualifications:**
		(a) A Master's Degree with at least 55% marks and First Class at the Graduation Level or an equivalent grade in a point scale wherever grading system is followed.
		(b) Ph.D. qualification(s) in the concerned/ allied/ relevant discipline.
		Work Experience:
		A minimum of eight years of experience of teaching and / or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry out of which at least 2 years shall be Post Ph.D. experience with a minimum of seven publications in the SCI/Scopus/AHCI listed journals and a total research score of Seventy five (75) as per the criteria given in **Appendix-III.**
3.	Professor (Engineering/ Technology)	**Educational Qualifications:**
		(a) BE/B. Tech and ME/M. Tech in relevant subject with First Class or equivalent grade in a point scale wherever grading system is followed.
		(b) Ph.D. degree in the relevant field. Post Ph.D. publications and guiding Ph.D. students is highly desirable.
		Work Experience:
		Minimum of 10 years of experience in teaching/research/industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor or higher.
		At least 6 research publications at the level of Associate Professor in SCI journals and Scopus listed journals and at least 2 successful Ph.D. guided as Supervisor/Co supervisor till the date of eligibility of promotions.
		OR
		At least 10 research publications at the level of Associate Professor in SCI journals and Scopus listed journals till the date of eligibility of promotion.

Professor (Humanities & Sciences)	**Educational Qualifications:**	
	(a)	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.
	(b)	An eminent scholar having a Ph.D. degree in the concerned/allied/relevant discipline, and published work of high quality, actively engaged in research with evidence of published work with, a minimum of 10 research publications in SCI/Scopus/AHCI listed journals and a total research score of 120 as per the criteria given in **Appendix-III.**
	Work Experience:	
	A minimum of ten years of teaching experience in university/college out of which 3 years shall be at a post equivalent to that of an Associate Professor or higher, and / or research experience at equivalent level at the University/National Level Institutions with evidence of having successfully guided doctoral candidate.	
	OR	
	An outstanding professional, having a Ph.D. degree in the relevant/allied/applied disciplines, from any academic institutions (not included in A above) / industry, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years' experience.	

- The aspiring applicants satisfying the eligibility criteria in all respect can submit their application through **ON-LINE mode only**.
- The link for online submission of applications shall be made available on SLIET official website i.e http://www.sliet.ac.in.
- 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 mark sheets, degrees, paper publications, paper presentation, Project sanctioned letter and other relevant testimonials by speed post/registered post to:-

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

- **Application Fee:** Hard copy of each filled application must be accompanied by Application Fee of Rs. 1000/- in shape of Demand Draft drawn in favour of Director, SLIET, Longowal payable at Longowal/Sangrur (50% in case of SC/ST/EWS & fully exempted for PH candidates).
- **The last date of receipt of hard copy of duly filled application form along with all enclosures and application fee is 05.09.2019 by 05:00 P.M.**
- The envelope containing the hard copy of application form must be superscribed as "Application for the post of …………………………….. in the Department of…. ………………".

Note :

1. The Institute will not be responsible for non-receipt/late receipt of applications due to postal delay.

2. Incomplete applications or applications without fee will be rejected without entering into any correspondence.

3. The Institute reserves the right to increase/decrease or not to fill any of the advertised post without any notification.

4. Appropriate regulations issued from time to time by MHRD/AICTE/UGC shall apply for pay scales, educational qualifications and experience prescribed above.

5. The interested candidates can also be considered on deputation.

6. The in-service candidate should apply through proper channel. However, they may send advance copy of the application.

7. The applications that do not meet advertisement criteria will be summarily rejected.

8. 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.

9. No TA will be paid for appearing for written test/presentation/interview.

10. 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.

11. 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.

12. The prescribed Essential Qualification/Experience indicated are bare minimum and mere possession of same will not entile the candidates to be called for test/interview.

13. The Short-Listing Criterion for the Post of Professor, Associate Professor and Assistant Professor in Engineering & Technology, Humanities & Sciences will be as under:

   i   Professor

   The short-listing criterion is given in **APPENDIX-I.**

   ii   Associate Professor:

   The short-listing criterion is given in **APPENDIX-I.**

   iii Assistant Professor:

   The short-list criterion is given in **APPENDIX-II.**

14. Institute is free to restrict/change the criteria to call the eligible candidates for the written test/interview.

15. 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.

16. Reservation in Direct recruitment shall be applicable as per Govt. of India Norms. The Appendix to DoPT O.M. No.36011/6/2010-Estt(Res) dated June, 2010 and Govt. of India O.M. No. 36039/1/2019-Estt(Res) dated 31st January, 2019

17. Applicants are required to check the website regularly for further update.

18. 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.

19. Canvassing in any form will disqualify the applicant.

20. In case of any typographical mistake/clarification, the decision of the Advisory Committee on Faculty Recruitment (ACoFAR) of the Institute will be final.

DIRECTOR

Short-Listing for Associate Professor/ Professors

(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 and acknowledgements for patent filing and approval letters, students' Ph.D award letter, etc.)

S.N.	Academic/Research Activity	Marks
1.	**Research Papers in Peer-Reviewed or UGC listed Journals**	
	• Paper published in a SCI/ SCOPUS journal having impact factor more than 1.0.	7.5
	• Paper published in a SCI/ SCOPUS journal having impact factor less than or equal to 1.0.	5
	• Paper published in Referred Journal. The Journal must be enlisted in the latest UGC/AICTE approved list.	2
2.	**Publications (other than Research papers)**	
	(a) Books authored which are published by ;	
	International publishers	12
	National Publishers	10
	Chapter in Edited Book	05
3.	**Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula**	
	(a) MOOCs/NPTEL/SWAYAM	
	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
	(b) E-Content	
	Development of e-Content complete course/e-book	12
	e-Content (developed in 4 quadrants) per module	05
4	**(a) Research guidance**	
	Ph.D. (i) Per degree awarded (ii) Per thesis submitted	10 05
	M.Tech/M.Phil dissertation (per degree awarded)	02
	(b) Research Projects Completed	
	More than 10 lakhs for PI / Co-PI	10/5
	Less than 10 lakhs for PI / Co-PI	5/3
	(c) Research Projects Ongoing :	
	More than 10 lakhs for PI / Co-PI	05
	Less than 10 lakhs for PI / Co-PI	02
	(d) Consultancy	05/one Lac
5	**(a) Patents (Granted/Published/ Filed)**	
	International for PI / Co-PI (i) Granted (ii) Published (iii) Filed	 20/10 10/05 05/03
	National for PI / Co-PI (i) Granted (ii) Published (iii) Filed	 10/05 05/03 03/02

Note:

• Paper presented if part of edited book or proceedings then it can be claimed only once.

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	Marks out of 100 will be considered as follows • Qualified and marks ≤30 – 05 Marks • Marks >30 and ≤40 – 07 Marks • Marks >40 and ≤ 50 – 10 Marks • Marks >50 and ≤ 75 – 15 Marks • Marks ≥ 75 – 20 Marks
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: GATE 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. 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 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><tr><td>Examination</td><td>B.E./B.Tech.</td><td>M.E./M.Tech.</td><td>Ph.D.</td></tr><tr><td>Marks</td><td>05</td><td>05</td><td>05</td></tr></table>• For UG/PG- NIRF ranking of graduating Institute will be counted. • For Ph.D.- NIRF ranking of degree awarding Univ./Institution will be counted. • Method of Calculation of Marks is $$Marks = \begin{cases} \frac{(100-(NIRF\ Ranking-1))}{100} \times 5 & ; if\ (100 - NIRF\ Ranking) > 0 \\ 0 & ; Otherwise \end{cases}$$

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).
- 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	Marks out of 100 will be considered as follows • Qualified and marks ≤30 – 05Marks • Marks >30 and ≤40 – 07 Marks • Marks >40and ≤ 50 – 10 Marks • Marks > 50and ≤ 75 – 15 Marks • Marks ≥ 75 – 20 Marks In case marks are not mentioned, 20 marks will be awarded for qualified candidates.
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	(see table and formula below)

For the Quality of Institute row:

Examination	Graduation	Post Graduation	Ph.D.
Marks	05	05	05

- For UG/PG- NIRF ranking of graduating Institute will be counted.
- For Ph.D.- NIRF ranking of degree awarding Univ./Institution will be counted.
- Method of Calculation of Marks is

$$Marks = \begin{cases} \dfrac{(100 - (NIRF\ Ranking - 1))}{100} \times 5 & ;if\ (100 - NIRF\ Ranking) > 0 \\ 0 & ;Otherwise \end{cases}$$

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.
- 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).

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.	**Research Papers in Peer-Reviewed or UGC listed Journals**	08 per paper (sciences) 10 per paper (others)
2.	**Publications (other than Research papers)**	
	(a) Books authored which are published by:	
	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
	Translation works in Indian and Foreign Languages by qualified faculties	
	Chapter or Research paper	03
	Book	08
3.	**Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula**	
	(a) Development of Innovative pedagogy	05
	(b) Design of new curricula and courses	02 per curricula/course
	(c) MOOCs	
	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
	E-content	
	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	**(a) Research guidance**	
	Ph.D	10 per degree awarded 05 per thesis submitted
	M. Phil/ P.G. dissertation	02 per degree awarded
	(b) Research Projects Completed	
	More than 10 lakhs	10
	Less than 10 lakhs	05
	(c) Research Project Ongoing	
	More than 10 lakhs	05
	Less than 10 lakhs	02
	(d) Consultancy	03
5.	**(a) Patents**	
	International	10
	National	07
	(b) *Policy Document (Submitted to an International body/organization like UNO/UNESCO/ World Bank/ International Monetary Fund etc. or Central Government)	
	International	10
	National	07

		State	04
	(c)	**Awards/Fellowship**	
		International	07
		National	05
6.		*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)	
		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.