NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

A STATE UNIVERSITY UNDER DELHI ACT 06 of 2018, GOVT.OF NCT OF DELHI
(FORMERLY NETAJI SUBHAS INSTITUTE OF TECHNOLOGY)
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Website:http://www.nsut.ac.in

Dated: 3.1.2020

Recruitment Notice No.   NSUT/FACULTY/2020/2

ADVERTISEMENT FOR FACULTY POSITIONS OF ASSISTANT PROFESSOR

Online Applications in the prescribed format, are invited from eligible candidates for direct recruitment to the following faculty positions as per details given below:-

POSITION AND PAY SCALE : ASSISTANT PROFESSOR, RS. 57,700-1,82,400 (Level10)

CATEGORY OF POSTS : GROUP 'A' (Teaching)

Department	UR	EWS	SC	ST	OBC	Total
Electronics & Communication Engg.	03	01	03	01	03	11
Computer Science & Engineering	05	01	02	01	05	14
Instrumentation & Control Engineering	02	02	--	--	02	06
Electrical Engineering	03	01	01	--	--	05
Biological Science & Engineering (Bio –Technology)	--	01	--	01		02
Information Technology	--	01	--	--		01
Mechanical Engineering	07	--	--	--	03	10
Management	03	--	01	01	04	09
Mathematics	02	01	01	01	01	06
Physics	--	01	--	01	01	03
Chemistry	01	01	--	--	01	03
Humanities (English)	--	01	01	01	01	04
Total	26	11	09	07	21	74

Note: 1. UR: Unreserved, EWS: Economical Weaker section, SC: Schedule Caste, ST: Schedule Tribes, OBC: Other Backward Classes, PWD: Persons with Benchmark Disability.

2. One Post of Assistant Professor will be reserved for PWD.

3.The number of posts advertised is indicative and the University reserves the right not to fill up any post and may decrease or increase the number of posts.

BROAD AREAS FOR RECRUITMENT FOR THE POST OF ASSISTANT PROFESSOR in Engineering & Technology, Management, Sciences (Physics, Chemistry and Mathematics) and Humanities (English).

Areas of interest include all areas of Electronics and Communication Engineering, Computer Science Engineering, Information Technology, Instrumentation & Control Engineering, Electrical Engineering, Mechanical Engineering, Biological Sciences & Engineering (Biotechnology), Management, Physics, Mathematics, Chemistry, and Humanities (English). The online application form and other relevant details regarding educational qualifications, experience, Short-listing criteria, terms and conditions of appointment, reservation policy, etc required for various teaching posts advertised will be available on University Website http://www.nsut.ac.in from 10th January, 2020. Candidates who wish to apply for the above posts are required to fill online applications only followed by submission of print out of filled application form alongwith relevant annexures and must ensure that they apply for specific area of their specialization against the Department-wise Vacancy position only as notified above.

About the University

Erstwhile Netaji Subhas Institute of Technology (NSIT) was a premier Autonomous Institution of repute established in the year 1983 by Govt. of India. It was upgraded as State University under DELHI ACT 06 of 2018, Govt. of NCT of Delhi and named as Netaji Subhas University of Technology (NSUT) to provide education and research in the branches of Engineering, Technology, Sciences, Humanities, Social Sciences and Management, etc. and for advancement of learning and dissemination of knowledge in such branches and for certain other matters connected therewith or incidental thereto. The University is functioning on its own lush green campus spread over 145 acres with vast sports area and having residential campus also. The University has carved a name for itself nationally and internationally, and is a well established University with fully equipped state-of-the-art modern laboratories, Library, Computer Centre, etc and a strong commitment for achieving excellence in Education and Research. There are ample opportunities for growth for the right kind of candidates.

The University imparts Bachelor, Master and Doctoral Degree in Engineering & Technology, Management etc.

Reservation for Persons with Benchmark Disabilities (PWD category)

For persons with benchmark disabilities, the reservation under clause (a) to (e) is as under:-

(a)   blindness and low vision; (b) deaf and hard of hearing; (c) locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attacks victims and muscular dystrophy; (d) autism, intellectual disability, specific learning disability and mental illness; (e) multiple disabilities from amongst persons under clauses (a) to (d) including deaf-blindness, in the posts identified for each disabilities.

Note: Category of disability suitable/identified for appointments are (a) **VH** – Visually Handicapped {PARTIALLY BLIND/LOW VISION-PB/LV}; (b) **DD** – Deaf & Dumb { HEARING IMPAIRED-HH}; (c) **OH** – Orthopedic Handicapped { ONE ARM/LEG AFFECTED – OA/OL(Right or Left) (d) **AUSTIM**- Autism, intellectual disability, specific learning disability and mental illness; multiple disabilities from amongst persons under clauses (a) to (d) including deaf-blindness.

(I)   **MINIMUM QUALFICATION AND EXPERIENCE: ASSISTANT PROFESSOR**

| 1. | **ASSISTANT PROFESSOR**

QUALIFICATION & EXPERIENCE FOR CANDIDATES FROM TEACHING & INDUSTRY | **ESSENTIAL QUALIFICATIONS**:

ASSISTANT PROFESSOR (ENGINEERING / TECHNOLOGY)

B. E. / B. Tech. /B. S. and M. E. / M.Tech./ M. S. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees.

ASSISTANT PROFESSOR (MANAGEMENT)
(i) Bachelor's Degree in any discipline and Master's Degree in Business Administration / PGDM / C. A. / ICWA/ M. Com. with First Class or equivalent. and
(ii) two years of professional experience after acquiring the degree of Master's degree. |
| | | **ASSISTANT PROFESSOR [SCIENCES (Physics, Chemistry and Mathematics) and HUMANITIES (English)]**
Eligibility (A or B):
A. i) A Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/ allied 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 Master Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, like SLET/SET.
		OR
		B. 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).

Note:
1. Equivalence for PhD is based on publication of 5 International Journal papers, each Journal having a cumulative impact index of not less than 2.0, with incumbent as the main author and all 5 publications being in the authors' area of specialization.
2. PhD shall be from a recognized University.
3. Experience at Diploma Institutions is also considered equivalent to experience in degree level Institutions at appropriate level and as applicable. However, qualifications as above shall be mandatory.
4. If a class/division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class/division. If a Grade Point System is adopted the CGPA will be converted into equivalent marks as below:

Grade points	Equivalent percentage
6.25	55%
6.75	60%
7.25	65%
7.75	70%
8.25	75%

(Subject to conversion formula not provided by the degree awarding University/Institutions)

5. B.Sc.(Engineering) shall be treated as equivalent to BE /B. Tech.
6. M. Sc. (Engineering), and MS shall be treated as equivalent to ME / M. Tech. The MS degree shall be considered equivalent to ME/M. Tech. for all purposes, provided MS degree has been acquired from the Institutes of national importance as recognized by MHRD and the basic degree should be BE/B. Tech. in relevant branch. MS degree awarded by an accredited foreign Universities/ Institutions shall be considered provided that the equivalency of MS degree has been approved by AIU.
7. Candidates who have done Ph.D after the Bachelor's Degree from institution of National importance with GATE/GPAT/CEED shall be eligible for the post of Assistant Professor.
8. Existing incumbents recruited as a Faculty with the basic minimum qualifications such as M.Sc. (Mathematics), M.Sc (Biotechnology), M.Sc (Electronics) M.Sc (Computer Science & allied subjects), Msc. (Physics), M.Sc (Chemistry), MCA, PGDM, AMIE/M.Com and any other similar qualifications which were considered eligible at the time of recruitment or taken admission in such courses before publication of the AICTE Gazette dated 13th March 2010 are to be considered as eligible for direct recruitment, subject to fulfilment of other eligibility criteria and higher qualifications as prescribed, if any, for various teaching posts.

Note: Relevant degrees for different disciplines which are eligible for the posts are mentioned in Annexure 'B'.

(I)   AGE LIMIT:

Name of the Post	Age Limit
Assistant Professor	35 years

Conditions for age relaxation:

Relaxation for Government Servant* upto 5 years in accordance with the instructions/ orders issued by Govt. of India from time to time. The crucial date for determining the age limit shall be the closing date for receipt of applications from candidates in India (and not the closing date prescribed for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of J&K State, Lahaul & Spiti District and Pangi Sub Division of Chamba District of Himachal Pradesh, Andaman & Nicobar Islands or Lakshadweep.

*Government Servant means employees of Government, Universities/ Institutions funded by the Government and Autonomous organizations of Government. Government means Central Government of India and various Governments of State and Union Territories of Republic of India.

GENERAL CONDITIONS

1. All entrants would be covered mandatorily under the New Pension Scheme (NPS) as a policy duly approved by the Govt. of NCT of Delhi.
2. One-Time relaxation in upper age limit to the contractual **employees working in NSUT** at the time of regular appointment on direct recruitment basis will be available in accordance with the OM No. 19(11)/2015/S-IV/1751-1756 dated 11.06.2019 issued by Services Deptt., GNCTD. Such candidates will be eligible for one-time relaxation in upper age limit upto a maximum period of 5 years, subject to other conditions mentioned therein.
3. Separate applications should be **filled online mode only** for each post followed by submission of print out of filled application form alongwith relevant annexures, failing which the application(s) is/are liable to be rejected.
4. The SC/ST/OBC/EWS/PWD candidates must enclose a certificate from the concerned District Magistrate/ competent authority who are authorized to issue such certificates.
5. Only those OBC candidates whose state of origin are Delhi and notified for Delhi are entitled for the benefit of reservation applicable to OBCs in the job under GNCTD of Delhi.These candidates are required to send their latest Non-Creamy Layer certificate as per Govt. Notification otherwise their application will be considered in general category.
6. The candidates belonging to SC/ST/EWS/ OBC may apply separately as General candidates in UR Category but their applications under UR category will be treated on merit.
7. The candidates belonging to SC/ST in other states are also eligible to apply under category of SC/ST, subject to submission of relevant certificates.
8. The prescribed qualifications/experience is the minimum and the mere possession and fulfilling the essential and desirable qualifications of the same does not entitle the candidates to be called for the interview.
9. The candidates are advised to go through the **Guidelines for Screening cum Assessment for direct appointment to the position of Assistant Professor at Annexure-A.**
10. A short listing criterion may be set higher than the minimum requirements advertised. Criteria for short-listing may vary from department to department and post to post.
11. The candidates already in Govt./Semi-Govt service / Autonomous Institutions/ PSU/ Universities/etc. must apply **by uploading the `No Objection Certificate'** alongwith their applications.
12. All the candidates should submit their applications online and thereafter send the printout of it with self-attested copies of all documents in support of academic and research performance and other scholarly and academic credentials/accomplishments. Original certificates should be produced at the time of Interview.
13. The candidates short-listed for the interview shall be informed by E-mail/website. The candidates are advised in their own interest to mention their correct mobile

no. and email IDs in the application. They are also advised to regularly watch the website.

14. No TA/DA in connection with appearing in the interview will be paid to the candidate.

15. The number of posts advertised are indicative and the University reserves the right not to fill up any post and also to decrease or increase the number of posts depending upon the actual requirement.

16. Incomplete applications or applications received after last date shall not be considered. Application will be considered only if both online and hard copy application form, duly filled, are received by due date.

Eligible persons may file their applications through online only by visiting NSUT website http://www.nsut.ac.in. The details of the procedure for online submissions of applications, submitting of documents/certificates/ photos, etc will be available on the website from 10th January, 2020. The candidates are required to pay the application fees (Non-Refundable) irrespective of any category as under:

(i)   For General/OBC category   -   Rs. 1000.00 (Rupees One Thousand only)
(ii)   For SC/ST/PWD category   -   Rs. 500.00 (Rupees Five Hundred only)

Failure to pay the application fees would result in rejection of their applications.

The last date for filling up the online applications **is 20th February 2020 (Thursday) till 12.00 pm (night).** The hard copy (Print out) of filled application form alongwith all enclosures covering the candidates credentials like Educational Qualifications, experience, pay scale/ remuneration drawn, NOC from the employer, etc (as per list) must reach on or **before 28th February, 2020 (Friday).** Mention "Application for the post of Assistant Professor in NSUT" on the envelope containing the hard copy of the Form and Annexure.

Address for submission of Hard Copy:-
The Registrar,
Netaji Subhas University of Technology,
Azad Hind Fauj Marg,
Sector-3, Dwarka, New Delhi-110078

REGISTRAR, NSUT

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NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

Guidelines for Screening cum Assessment of the candidates for direct appointment to the posts of Assistant Professor

1.   **General Guidelines**:

1.   The direct recruitment to the posts of Assistant Professors in the University shall be on the basis of merit and would be conducted through all India advertisement and selection by the duly-constituted Selection Committees.

2.   The overall selection procedure shall incorporate transparent, objective and credible methodology of analysis of the merits and credentials of the applicants, based on the weightage given to the performance of the candidate in different relevant dimensions.

3.   Mere possession of minimum qualifications, for the post applied for, may not entitle a candidate for a call for the interview.

4.   The University shall have the right to restrict the number of candidates to a reasonable number (normally 10 candidates for the first post and 5 candidates for each subsequent post) to be called for interview, based on the recommendations of the Screening Committee constituted for this purpose which shall be on the basis of Assessment as per Table1 considering their qualifications, experience (higher than the minimum prescribed), relevant scholarly credentials and academic achievements or by any other conditions that it may deem fit.

5.   If the University receives a large number of applications for the post of Assistant Professor, the University may conduct a written test. Only those candidates who have obtained more than the minimum cut off marks (in the written test) as decided by the University, shall be considered for further assessment of their credentials as per Table 1.

6.   After allocation of the weightages to all the eligible candidates, the Screening Committee will draw a list of all the candidates indicating the points scored by them in descending order.

7.   In case of tie in the points of two or more candidates, all the candidates with the same score shall be called for interview

2. <u>Screening-cum-Assessment Criteria for Direct Recruitments</u>:

The applications received for the teaching posts shall be screened on the basis of Academic and Research Performance and other scholarly and academic credentials/accomplishments of the candidates as per Table1 and written test in case of Assistant Professors, if required.

Table 1

Assignment of weightage/points for Academic record, Research performance and other scholarly credentials & academic achievements for the positions of Assistant Professor/Associate Professor/Professor:

	Criteria	Assistant Professor	Associate Professor	Professor
	Qualification, Experience, Research Performance and other Academic achievements	Minimum qualification & experience as per recruitment rules of the University		
A	Academic record	Points	Points	Points
1.	UG (B.Tech/BE/B.Sc./BA/BBA etc.): Maximum points	10	8	5
	a.First Class/Division or equivalent CGPA	5	4	3
	b. Aggregate marks ≥ 75% or equivalent CGPA	8	6	4
	c. Aggregate marks ≥ 85 % or equivalent CGPA	10	8	5
2.	PG (M.Tech/MS/M.Sc./MBA/MA): Maximum Points	15	12	8
	a. First Class/Division or equivalent CGPA	5	4	3
	b. Aggregate Marks ≥ 75% or equivalent CGPA	8	6	4
	c. Aggregate Marks ≥ 85% or equivalent CGPA	10	8	5
	d. First class with one paper in SCI/SCIE/SSCI indexed Journals from the content of M.Tech Thesis as first /second, corresponding author	15	12	8
3.	PhD : Maximum Points	20	15	12
	a. Ph.D. with 3 SCI/SCIE/SSCI indexed journal papers from the work contained in the PhD Thesis as first /second, corresponding author	20	15	12
	b. Ph.D with 2 SCI/SCIE/SSCI indexed journal papers from the work contained in the PhD Thesis as first /second, corresponding author.	15	12	8
	c. Ph.D with 1 SCI/SCIE/SSCI indexed journal paper from the work contained in the PhD Thesis as first /second, corresponding author	10	8	6

		Points	Points	Points
	d. Ph.D with 3 papers in UGC-CARE listed Journals (other than a, b, c above) in the area of Ph.D Thesis	6	**5**	3
4.	**UGC/CSIR/ICAR/GPAT/GATE/ICMR/** **Equivalent Examination/Test qualified at state/national level: Max Points**	**5**	**5**	**5**
	a. NET-Lectureship/GATE-qualified/Equivalent	3	3	3
	b. NET-JRF	5	5	5
	Total Marks - A	**50**	**40**	**30**

B	**Experience and Research Performance**	**Points**	**Points**	**Points**
5.	**Teaching/Research /Industrial Experience :** **Max Points**	**10**	**8** Above minimum eligibility	**6** Above minimum eligibility
	a. Teaching (UG/PG)/ Industrial Experience with regular scale in the equivalent position **(Max 5 points)**	1/Year	1/Year	1/Year
	b. Research Experience in R&D organizations after Ph.D **(Max 5 points)**	1/Year	1/Year	1/Year
	b. PDF /D.S. Kothari/Inspire/ Equivalent fellowship of Govt./Reputed organizations after Ph.D.	3/Year	2/Year	2/Year
6.	**Research Publications : Max Points**	**15**	**20**	**25**
	a. International/National Journal indexed in Thomson Reuters/Clarivate Analytics (SCI/SCIE/SSCI): (i) First/second or corresponding author(s)	3/Paper	2/Paper	2/Paper
	(ii) for other Co-authors	1/Paper	1/Paper	1/Paper
	b. Research papers in UGC-CARE list of journals (other than 'a' above) as first/second, corresponding author **(Max 3 points)**	0.5/Paper	0.5/Paper	0.5/Paper
	c. Books published with ISSN/ISBN No.: International Publishers: to be divided equally if more than one author **(Max 4 points)**	3/Book	2/Book	2/Book
	d. Books published with ISSN/ISBN No. : National Publishers: to be divided equally if more than one author **(Max 2 points)** **Note : Max 4 points for both 'd' and 'e' as above**	2/Book	1/Book	1/Book
7.	**Research Projects (completed) Max Points**	**8**	**10**	**12**
	a. Projects above 15 lakh	8/Project	5/Project	4/Project
	b. Projects above 5 lakh	4/Project	3/Project	3/Project
	c. Projects above 2 lakh	2/Project	2/Project	

#				
				2/Project
8.	**Patents: Maximum Points**	**6**	**7**	**8**
	a. Awarded	6/Patent	4/Patent	3/Patent
	b. Published (**Max 3 Points)**	1/Patent	1/Patent	1/Patent
9.	**Research Guidance : (Max Points)**	**7**	**8**	**10**
	Ph.D. guided and Degree awarded under the supervision of the applicant (a) as Sole Supervisor	4/Student	3/Student	2/Student
	(b) as Joint Supervisor.	2/Student	1.5/Student	1/Student
10.	**Seminars/conferences/symposia/ workshops/ training programmes etc. organized as organizer/coordinator (Max. 2 points)**	--	**2**	**2**
		--	1 for 1 day programme and 2 for more than 1 day	0.5 for 1 day programme and 1 for more than 1 day
11.	**(a) Fellow of any of the three National Academies of Science/National Academy of Engineering/Fellow of IEEE/IEE/ASME/ ASCE/ACM, Shanti Swarup Bhatnagar Awardee etc.** **(b) Editor /Associate Editor of SCI/ SCIE/ SSCI indexed journals** **(c) Fellowship of National organizations like IE, IETE etc.** **(d) Reviewer of SCI/SCIE/SSCI indexed Journals**	**4** -------- (b) 4 for each (c) 2 for each (d) 2 for each	**5** (a) 5 for any one (b) 4 for each (c) 2 for each (d) 1 for each	**7** (a) 5 for any one (b) 4 for each (c) 2 for each (d) 1 for each
	Total Points : B	**50**	**60**	**70**
	Grand Total : A+B	**100**	**100**	**100**

Abbreviation Used:-

PG-Post Graduation, UG-Under Graduation, SCI- Science Citation Index, SCIE- Science Citation Index Expanded, SSCI- Social Sciences Citation Index.

NOTES:

(a)   Assessment/shortlisting of the candidates shall be based on the evidence uploaded by the applicant such as: copy of the publications, Sanction letters of the projects, Certificates of utilization/completion of the projects (issued by the Institute/University), acknowledgements for patent filing and approval letters, PhD award letter/notification of research scholars

guided, etc.

(b) In the disciplines where specialized programmes are being run, Screening Committee may shortlist the candidates for interview, from amongst the eligible candidates having area of specialization required for the posts.

(c) Selection Committee may not be held in all such disciplines where the number of eligible candidates for the post of Assistant Professor is less than three. In such case, the positions shall be re-advertised.

(d) Depending upon the exigency and requirements of the University, the condition of minimum/maximum number of candidates to be called for interview may be relaxed by the University.

(e) Teaching experience as full-time faculty member with regular scale in any recognized University/College or Institution of Higher Education at appropriate position shall be counted for 5(a) of Table1.

(f) Research experience as full-time Post-doctoral Fellow/Research Associate/Research Scientist etc., in recognized University/Research Organization in India or abroad shall be counted for 5(b) & 5(c) of Table1.

(g) If a class/division is not awarded, a minimum of 60% marks in aggregate shall be considered equivalent to first class/ division. If a Grade Point System is adopted but the conversion formula is not provided by the concerned University/Institution, the applicant can convert their CGPA into equivalent marks as per formula: **Aggregate Percentage of marks = (CGPA - 0.75) × 10.**

(h) If any false information is provided by the candidate, his/her candidature for the post shall stand cancelled.

3. <u>Conduction of Written Test for Short listing of Candidates:</u>

There may be a written test for shortlisting of the candidates, if the number of applicants for the post of Assistant Professor becomes large. The University shall conduct a written test for short listing of the candidates as follows:

a. The applications received shall be scrutinized as per the eligibility criteria notified in the advertisement by the University for the Respective Discipline.

b. List of eligible candidates for appearing in the written test shall uploaded on the University website.

c. The eligible candidates shall be required to download Admit Cards from University website for appearing in the written test.

d. The written test for the post of Assistant Professor shall be based on prescribed syllabus which shall be available on the University website.

e. The date of Written Test shall be notified in due course of time on University website. The candidates shall be advised to keep on watch the University website for further updates.

f. The University shall decide the dynamic cut-off before the written test.

g. Mere qualifying the written test shall not guarantee the candidate be called for interview.

h. The candidates who qualify the written test shall be assessed as per Table1.

i. The number of candidates to be called for interview shall be based aggregate points obtained as per Table1.

4.0   Exemption from the written test:

The exemption from the Written Test for the purpose of recruitment to the post of Assistant Professor shall be granted to the candidates who has a Ph.D. degree in the relevant branch and if:

1) the candidates has at-least one publication in Category I
OR

2) the candidate has at-least two publications in Category II
OR

3) the candidate has at-least one publication in Category II & four publications in category III
                              OR

4) the candidate has at-least seven publications in Category III

5.1   Categorization of Journals : Latest list of indexing and impact factor of journals shall be considered.

CATEGORY I – OUTSTANDING RESEARCH PUBLICATIONS

The paper must be published in the following journals:

- Nature
- Science

The candidate must have contribution either as a First/second author or Corresponding author.

CATEGORY II – PREMIER RESEARCH PUBLICATIONS

The paper(s) must be published in the SCI/SSCI/SCIE indexed journals **with impact factor (Thomson Reuters/Clarivate Analytics) of at-least 2.0 (two)** for IEEE Transactions and IET (formerly, IEE UK) Journals; and **impact factor of at least 1.0 (one)** for all others in the following:

1. Proceedings of the Royal Society
2. American Mathematical Society
3. American Physical Society
4. American Society for Mechanical Engineers (ASME)
5. Association for Computing Machinery (ACM) Transactions
6. Institute of Mechanical Engineering, London
7. American Society of Testing Materials (ASTM)

In addition to the above list, the SCI/SSCI or SCI expanded indexed journals with impact factor (Thomson Reuters/Clarivate Analytics) equal to or more than 4.0 (four) shall also be considered in category II.

The candidate must have contribution either as a First/Second Author or Corresponding Author.

CATEGORY III – COMMENDABLE RESEARCH PUBLICATIONS

The papers must be published in the following SCI/SSCI/SCIE indexed journals with **impact factor (Thomson Reuters/Clarivate Analytics) of at least 1.0 (one) :**

1. IEEE Transactions IEEE Journals
2. IET (formerly IEE, UK) Journals
3. Springer
4. Elsevier (Science Direct)
5. Taylor and Francis
6. Oxford University Press
7. Pergamon-Elsevier Science Ltd
8. Cambridge University Press
9. Wiley- Blackwell
10. Blackwell Publishing
11. John Wiley & Sons
12. World Scientific Publishers
13. Biomedical Central Ltd
14. MIT Press
15. Indiana University Press
16. American Meteorological Society
17. American Physiological Society
18. American Society of Microbiology
19. American Chemical Society
20. American Institute of Physics
21. IOP Publishing Ltd.
22. Massachusetts Medical Society
23. IOS Press

24. Princeton University Press
25. Society of Industrial and Applied Mathematics
26. Proceedings of National Academy of Science of the USA
27. Nature Publishing Group

In additions to the above, SCI/SSCI or SCI expanded indexed journals not included in the above list having impact factor (Thomson Reuters/Clarivate Analytics) of at least 1.5 (one & half) shall also be considered for Category III.

The candidate must have contribution either as a First/Second author or Corresponding author.

5.2 Claim for Exemption from the written test

The candidates who wish to be considered for exemption from the screening test should mention the same in the online application form. In case the exemption is claimed, necessary documents in support of the claim should be Uploaded along with the online application form.

5.3 Weightage in the Written Test

The candidates having Ph.D. degree, who could not become eligible for exemption of written test as notified, but have good research papers as a 1st author or corresponding author will be given weightage of 2% of maximum marks of written test for each research paper in category II/III of para 5.1 for the post of Assistant Professor. However, the maximum weightage including all weightages will not exceed 5% of the maximum marks of the written test.

6.0 Seminar/Presentation by the short-listed Candidates:

i.   Before the personal interview, the University shall assess the teaching aptitude and ability of the candidate through a seminar/ lecture in a class room using latest technology.

ii. The shortlisted candidates shall be required to make a presentation before the Committee as above in the concerned Department in the presence of faculty members/ students of the Department, prior to appearing for interview before the Selection Committee. Grading shall be given by the above Committee to all the candidates as 'A' 'B' 'C' & 'D' on the basis of their performance/presentation in the Department.

iii. The confidential report, placed in a sealed cover duly signed by all the members of the Committee, shall be provided to the Chairman of the Selection Committee for necessary consideration during the interview of the candidates. . Decision of his/her suitability shall be taken by the Selection Committee.

7.0 Overall weightages of the credentials, teaching feedback and personal Interview

For the final selection of the candidates:

- 50% weightage shall be given on the points/scores earned by the candidates on the basis of the criteria/parameters given in Table 1, and
- The remaining 50% weightage shall be given on the performance of the candidate in the interview (which will take due cognizance of the feedback on his/her teaching aptitude/ability, as provided by the Committee constituted for this purpose).

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Computer Science and Engineering Department
and
Information Technology Department

UG degree in Engineering / Technology	PG degree in Engineering / Technology
1. COMPUTER ENGINEERING	1. ARTIFICIAL INTELLIGENCE
2. COMPUTER NETWORKING	2. BIO METRICS & CYBER SECURITY
3. COMPUTER SCEINCE & ENGINEERING	3. COMPUTER AND INFORMATION SCIENCE
4. COMPUTER SCIENCE	4. COMPUTER APPLICATIONS
5. COMPUTER SCIENCE & TECHNOLOGY	5. COMPUTER COGNITION AND TECHNOLOGY
6. COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	6. COMPUTER ENGINEERING
7. COMPUTER TECHNOLOGY	7. COMPUTER ENGINEERING & APPLICATION
8. COMPUTING IN MULTIMEDIA	8. COMPUTER ENGINEERING AND NETWORKING
9. COMPUTING IN SOFTWARE	9. COMPUTER NETWORK ENGINEERING
10. SOFTWARE ENGINEERING	10. COMPUTER NETWORKING
11. INFORMATION TECHNOLOGY	11. COMPUTER NETWORKING AND ENGINEERING
12. INFORMATION TECHNOLOGY AND ENGINEERING	12. COMPUTER NETWORKS AND INFORMATION SECURITY
	13. COMPUTER NETWORKS
	14. COMPUTER NETWORKS AND INTERNET SECURITY
	15. COMPUTER SCEINCE & ENGINEERING
	16. COMPUTER SCIENCE
	17. COMPUTER SCIENCE & ENGINEERING (NETWORKS)
	18. COMPUTER SCIENCE & TECHNOLOGY
	19. COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)
	20. COMPUTER SCIENCE AND INFORMATION SECURITY
	21. COMPUTER SCIENCE AND INFORMATION SYSTEM
	22. COMPUTER SCIENCE AND INFORMATION TECHNOLOGY
	23. COMPUTER SCIENCE AND SYSTEMS ENGINEERING
	24. COMPUTER SYSTEMS AND TECHNOLOGY
	25. COMPUTER TECHNOLOGY

	26. COMPUTER TECHNOLOGY AND APPLICATIONS
	27. COMPUTER VISION AND IMAGE PROCESSING
	28. COMPUTING IN COMPUTING
	29. CYBER FORENSICS
	30. CYBER FORENSICS AND INFORMATION SECURITY
	31. CYBER SECURITY
	32. DATA SCIENCES
	33. E-LEARNING TECHNOLOGIES
	34. E-SECURITY

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

Department of Electronics & Communication Engineering

A.   **UG Degree (B.Tech./B.E./B.Sc.Engg. or equivalent)**

1. Communication and Information System
2. Electronics and Communication Engineering
3. Electronics and Telecommunication Engineering
4. Electronics Engineering
5. Electronics and Telematics Engineering
6. Communication Engineering
7. Telecommunication Engineering
8. Electrical and Electronics Engineering

B. PG Degree (M. Tech/M. ScEngg. /M.E./MS or equivalent)

1. Advanced Communication and Information System
2. Advanced Electronics and Communication Engineering
3. Applied Electronics and Communications
4. Communication and Networks
5. Communication and Information Systems
6. Communication Engineering and Signal Processing
7. Digital Communication Engineering
8. Digital Communications and Networking
9. Digital Electronics and Microprocessor
10. Digital Electronics and Communication Engineering
11. Digital Electronics Engineering
12. Digital Image Processing
13. Digital Signal Processing
14. Electronics Circuits and System Design
15. Electronics & Communication Engineering
16. Electronics and Telecommunications Engineering
17. Electronics and Telematics Engineering
18. Electronics Engineering
19. Electronics Product Design and Technology
20. Electronics Systems and Communication
21. Electronics Telecommunication
22. Embedded System and VLSI Design
23. Information and Communication Technology
24. Micro Electronics & VLSI Design
25. Microwave & Optical Communication
26. Microwave and Communication Engineering
27. Microwave and Millimeter Engineering
28. Opto Electronics & Communication Systems
29. Opto-Electronics Engineering
30. RF and Microwave Engineering
31. RF and Photonics

32.	Signal Processing
33.	Signal Processing & Machine Learning
34.	Signal Processing and Communications
35.	VLSI Design
36.	VLSI and Embedded Systems
37.	VLSI and Microelectronics
38.	VLSI Design and Signal Processing
39.	VLSI Design and Testing
40.	VLSI System Design
41.	Wired and Wireless Communication
42.	Wireless and Mobile Communications
43.	Wireless Sensor Networks
44.	Wireless Communication & Computing
45.	Wireless Communication Technology

C. Dual/Integrated degree (5-year) program in any discipline mentioned in **A** with specialization in **B**

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

INSTRUMENTATION AND CONTROL ENGINEERING DEPARTMENT

UG degree in Engineering / Technology	PG degree in Engineering / Technology
1. Applied Electronics & Instrumentation Engineering	1. Applied Electronics and Instrumentation Engineering
2. Automation Engineering	2. Applied Instrumentation
3. Biomedical Engineering	3. Automation and Control Power Systems
4. Biomedical Instrumentation	4. Automation and Robotics
5. Electrical and Electronics Engineering	5. Biomedical Instrumentation
6. Electrical and Instrumentation Engineering	6. Biomedical Signal Processing and Instrumentation
7. Electrical Engineering	7. Control and Instrumentation
8. Electrical Engineering Industrial Control	8. Control System Engineering
9. Electronic Instrumentation and Control Engineering	9. Digital Instrumentation
10. Electronics and Control Systems	10. Digital Techniques and Instrumentation
11. Electronics Communication and Instrumentation Engg.	11. Electrical and Electronics Engineering
12. Electronics Instrumentation and Control Engineering	12. Electrical Drives and Control
13. Instrument Technology	13. Electrical Engineering
14. Instrumentation & Control Engineering	14. Electronic Instrumentation and Control Engineering
15. Instrumentation Engineering	15. Electronics and Instrumentation Engineering
16. Robotics and Automation	16. Electronics Communication and Instrumentation Engg.
	17. Embedded Control Systems
	18. Hydraulics and Fluid Control
	19. Industrial Automation and Robotics
	20. Instrumentation and Control Engineering
	21. Instrumentation Engineering
	22. Integrated Power Systems
	23. Intelligent Systems
	24. Machine Design and Robotics
	25. Measurement and Control
	26. Mechatronics
	27. Micro Electronics and Control Systems
	28. Modeling and Simulation
	29. Neural Networks
	30. Power Electronics Engineering
	31. Power Systems and Renewable Energy
	32. Power Systems Control and Automation Engineering
	33. Process Control
	34. Renewable Energy
	35. Robotics and Mechatronics

	36. Sensor Technology
	37. Signal Processing
	38. Signal Processing and Embedded Systems
	39. Solar Power Systems

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

MECHANICAL ENGINEERING DEPARTMENT

UG degree in Engineering / Technology	PG degree in Engineering / Technology
1. MECHANICAL ENGINEERING 2. INDUSTRIAL AND PRODUCTION ENGINEERING 3. MANUFACTURING ENGINEERING 4. MANUFACTURING PROCESSES & AUTOMATION ENGINEERING 5. TOOL ENGINEERING 6. AUTOMOBILE ENGINEERING 7. ELECTRICAL AND MECHANICAL ENGINEERING 8. MECHANICAL AND AUTOMATION ENGINEERING 9. MECHATRONICS	1. ADVANCED DESIGN AND MANUFACTURING 2. ADVANCED MANUFACTURING AND MECHANICAL SYSTEMS DESIGN 3. ADVANCED MATERIALS TECHNOLOGY 4. ADVANCED PRODUCTION SYSTEM 5. AUTOMATED MANUFACTURING SYSTEMS 6. AUTOMOBILE ENGINEERING 7. CAD/CAM 8. COMPUTATIONAL MECHANICS 9. PRECISION MANUFACTURING 10. COMPUTER AIDED PROCESS DESIGN 11. COMPUTER INTEGRATED MANUFACTURING 12. MECHANICAL DESIGN 13. THERMAL ENGINEERING 14. FRACTURE MECHANICS 15. GAS TURBINE TECHNOLOGY 16. HEAT VENTILATION AND AIR CONDITIONING 17. INDUSTRIAL AND PRODUCTION ENGINEERING 18. PRODUCT DESIGN 19. ENGINEERING MANAGEMENT 20. INTERNAL COMBUSTION ENGINEERING 21. MACHINE DESIGN 22. MAINTENANCE ENGINEERING 23. MANUFACTURING PROCESS & AUTOMATION ENGINEERING 24. MATERIAL ENGINEERING 25. MECHANICAL ENGINEERING 26. MECHATRONICS 27. POWER PLANT ENGINEERING & ENERGY MANAGEMENT 28. PRODUCT DESIGN 29. PRODUCTION AND INDUSTRIAL ENGINEERING 30. REFRIGERATION & AIR

	CONDITIONING 31. RELIABILITY ENGINEERING 32. ROBOTICS AND MECHATRONICS 33. SOLID MECHANICS & DESIGN 34. THERMAL AND FLUID ENGINEERING 35. TOOL ENGINEERING 36. PRODUCTION ENGINEERING

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

Department of Humanities (English)

Sr. No.	Post Graduate	Ph.D.
1	MA in English	Any Field/Genre of Literature in English/Linguistics/Communication • Theatre • Drama • Poetry • Novel • Short Story • Fiction • Essay
2	MA in English Studies with English Language Teaching (ELT)	Interdisciplinary study of literature in English • Film Studies • Cultural Studies • Mass Communication • Gender Studies • Women's Studies • Comparative Literature
3	MA in Applied Linguistics with English Language Teaching(ELT)	• Any other area deemed to be relevant to the teaching of English
4	MA in Translation Studies with English as the source Language	

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

ELECTRICAL ENGINEERING DEPARTMENT

UG degree in Engineering / Technology	PG degree in Engineering / Technology
1. Electrical and Computer Engineering 2. Electrical and Electronics (Power System) 3. Electrical and Electronics Engineering 4. Electrical and Instrumentation Engineering 5. Electrical and Power Engineering 6. Electrical Engineering 7. Electrical Instrumentation and Control Engineering 8. Electronic Instrumentation and Control Engineering 9. Electronics and Power Engineering 10. Power Electronics and Instrumentation Engineering 11. Power Engineering	1. Advanced Electrical Power System 2. Automation and Control Power Systems 3. Automation and Robotics 4. Control and Instrumentation 5. Control System Engineering 6. Dual Degree in Control & Automation 7. Dual Degree in Power Control & Drives 8. Dual Degree in Power Electronics & Drives 9. Electrical and Electronics Engineering 10. Electrical and Mechanical Engineering 11. Electrical Devices and Power Systems 12. Electrical Drives and Control 13. Electrical Energy Systems 14. Electrical Engineering 15. Electrical Instrumentation and Control Engineering 16. Electrical Machines and Drives 17. Electrical Power & Energy Systems 18. Electronic Instrumentation and Control Engineering 19. Embedded and Real Time Systems

	20. Embedded Control Systems
	21. Energy and Environmental Management
	22. Energy Engineering
	23. Energy Science and Technology
	24. Energy Systems Analysis and Design
	25. Energy Systems and Management
	26. High Voltage and Power Systems Engineering
	27. Industrial Electronics
	28. Industrial Instrumentation and Control
	29. Industrial Power Control and Drives
	30. Industrial System and Drives
	31. Integrated Power Systems
	32. Intelligent Systems
	33. Mechatronics
	34. Modeling and Simulation
	35. Power and Industrial Drives
	36. Power Apparatus & System
	37. Power Control and Drives
	38. Power Electronics & Power Systems
	39. Power Electronics and Electrical Drives
	40. Power Electronics Engineering
	41. Power Plant Engineering and Energy Management

	42. Power System Control and Automation
	43. Power System with Emphasis H. V. Engineering
	44. Power Systems and Power Electronics
	45. Power Systems and Renewable Energy
	46. Power Systems Engineering
	47. Renewable Energy & Energy Management
	48. Renewable Energy Technology
	49. Sensor Technology
	50. Solar Power Systems

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

DEPARTMENT OF MATHEMATICS

S. No.	Appropriate M.Sc. degree	S. No.	Appropriate Ph.D. degree
1.	Mathematics	1.	Mathematics
2.	Applied Mathematics	2.	Applied Mathematics

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

DEPARTMENT OF PHYSICS.

S.No.	Appropriate M.Sc. degree in Physics	Appropriate Ph.D. degree in Physics
1.	Physics	Physics
2.	Applied Physics	Applied Physics
3.	Integrated M.Sc. Physics	

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

DEPARTMENT OF CHEMISTRY

S.No.	M.Sc. degree	S.No.	Ph.D. degree
1.	Chemistry	1.	Chemistry
		2.	Physical Chemistry
		3.	Organic Chemistry
		4.	Inorganic Chemistry
		5.	Polymer Chemistry/Sciences

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.

DEPARTMENT OF BIOLOGICAL SCIENCES AND ENGINEERING (BIOTECHNOLOGY)

Relevant/Appropriate nomenclature of UG degree in Engineering / Technology	Relevant/ Appropriate nomenclature of PG degree in Engineering/ Technology
1. Biotechnology 2. Biochemical Engineering and Biotechnology 3. Biotechnology and Biochemical Engineering 4. Industrial Biotechnology	1. Biochemical Engineering and Biotechnology 2. Bioinformatics 3. Bioprocess Engineering 4. Bioprocess Technology 5. Biotechnology 6. Biotechnology and Biochemical Engineering 7. Environmental Biotechnology 8. Industrial Biotechnology 9. Nano Biotechnology

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Note: Decision of the University shall be final on eligibility of any other Degree submitted by any applicant.