#### UNIVERSITY OF DELHI

CNC-II/093/1(12)/2023-2024/ Dated: 2710212024

#### **NOTIFICATION**

#### Sub: Amendments to Ordinances/Regulations

The amendments to the Ordinances of the University consequent to following EC Resolutions are followed:

- -1.--EC Resolution 47 of EC dated 08.12,2022 amendment in CAS 2018.
- 2. EC Resolution 14-1-16 dated 09.06.2023 qualifications, in Faculty of Technology, for Assistant Professor were adopted.
- 3. EC Resolution 20(15) dated 09.06.2023 qualifications for faculty of Education to incorporate qualifications of faculty for Integrated Teacher Education Programme (ITEP)
- 4. EC Resolution No 31-36 dated 25.08.2023 University Grants Commission (Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Other Measures for the Maintenance of Standards in Higher Education) (2<sup>nd</sup> and 3<sup>rd</sup> Amendment) Regulations, 2023 issued in the Gazette of India dated July, 4, 2023 and August 1, 2023:

# 1. Amendments to Ordinance XXIV. Qualifications of University Teachers (Appointed and Recognised) (2<sup>nd</sup> Amendment)

Existing	Amended
GENERAL NOTE:	GENERAL NOTE:
(i) to (vii) xxx xxx xxx	(i) to(vii) xxx xxx xxx
(viii)	(viii)
(a) to (c) xxx xxx xxx	(a) to (c) xxx xxx xxx – No Change –
(d) The Ph.D. Degree shall be a mandatory	(d) NET shall be the minimum criteria for
qualification for direct recruitment to the	the direct recruitment to the post of
post of Assistant Professor in Universities	Assistant Professor.
with effect from 01.07.2021.	

2. Amendments to Ordinance XXIV. Qualifications of University Teachers (Appointed and Recognised) and Principals other than those for whom special qualifications may be prescribed by the Executive Council on the recommendations of the Academic Council. (2<sup>nd</sup> Amendment)

Existing	Amended
I. For the Disciplines of Arts, Commerce, Humanities, Law, Social Sciences, Sciences, Languages, Library Science, Journalism & Mass Communication and *Physical Education.	I. For the Disciplines of Arts, Commerce, Humanities, Law, Social Sciences, Sciences, Languages, Library Science, Journalism & Mass Communication and *Physical Education.
(a) Assistant Professor:	(a) Assistant Professor:
Eligibility (A or B) :	Eligibility (A or B) :
A. 1) xxxx 2) xxxx	A.         1)       xxx xxx xxx         2)       xxx xxx xxx
<i>Provided</i> that the Ph.D. Degree shall be a mandatory qualification for direct recruitment to the post of Assistant Professor in Universities with effect from 01.07.2021. Or	<i>DELETED</i> Or
B. xxx xxx xxx	B. xxx xxx xxx
III. Music, Performing Arts, Visual Arts and other Traditional Indian Art Forms like Sculpture, etc.	III. Music, Performing Arts, Visual Arts and other Traditional Indian Art Forms like Sculpture, etc.
(a) Assistant Professor:	(a) Assistant Professor:
Eligibility (A or B): A.	Eligibility (A or B): A.
1) xxxx	1) xxx xxx xxx
2) xxxx	2) xxx xxx xxx
<i>Provided</i> that the Ph.D. Degree shall be a mandatory qualification for direct recruitment to the post of Assistant Professor in	DELETED
Universities with effect from 01.07.2021. Or	Or
В.	В.

2

3. Amendment to Ordinance XXIV. Qualifications of University Teachers (Appointed and Recognised) and Principals other than those for whom special qualifications may be prescribed by the Executive Council on the recommendations of the Academic Council.

Existing	Amended
CAREER ADVANCEMENT SCHEME	CAREER ADVANCEMENT SCHEME
Career Advancement Scheme – 2010	Career Advancement Scheme – 2010
(CAS-2010)	(CAS-2010)
1. to 3. xxx xxx xxx	1. to 3. xxx xxx xxx
Provisions to deal with Pending	Provisions to deal with Pending Promotion
Promotion Cases under the CAS 2010 as	Cases under the CAS 2010 as on
on 18.07.2018 in line with UGC	18.07.2018 in line with UGC Regulations
Regulations 2018:	2018:
xxxx	xxxx
<u>Note:</u>	<u>Note:</u>
(i) Xxxx	(i) Xxxx
<ul> <li>(ii) The requirement for Orientation</li></ul>	<ul> <li>(ii) The requirement for Orientation</li></ul>
course and Refresher course for	course and Refresher course for
promotions due under the CAS	promotions due under the CAS
shall not be mandatory upto	shall not be mandatory upto
December 31, 2018.	December 31, 2023.
Career Advancement Scheme – 2018	Career Advancement Scheme – 2018
(CAS-2018)	(CAS-2018)
The promotion of teachers and other academic staff of the University/Colleges shall be processed in accordance with the provisions of UGC Regulations 2018.	The promotion of teachers and other academic staff of the University/Colleges shall be processed in accordance with the provisions of UGC Regulations 2018.
The criteria for promotions under Career	The criteria for promotions under Career
Advancement Scheme laid hereunder shall	Advancement Scheme laid hereunder shall be
be effective from 18.07.2018. However, to	effective from 18.07.2018. However, to avoid
avoid hardship to those faculty members who	hardship to those faculty members who have
have already qualified or are likely to qualify	already qualified or are likely to qualify
shortly under CAS 2010, a choice may be	within six months (Till 17 <sup>th</sup> January, 2019) as
given to them, for being considered for	per CAS 2010, a choice may be given to them,
promotions under the same. This option can	either for being considered for promotions
be exercised only within three years from	under the CAS 2010 or 2018 Regulations.
18.07.2018.	This option can be excercised only upto 31 <sup>st</sup>

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	December 2023 and the date of eligibility shall be retained as the date of promotion. On the date of submission of application, the candidate should fulfil all eligibility criteria required for promotion.
(i) to (vi) xxx xxx xxx	(i) to (vi) xxx xxx xxx
(a) to (b) xxx xxx xxx	(a) to (b) xxx xxx xxx
(c)The candidate who does not succeed i the first assessment, she/he shall have t be re-assessed only after one year. Whe such a candidate succeeds in the eventua assessment, her/his promotion shall b deemed to be one year from the date of rejection.	be re-assessed only after one year. When such a candidate succeeds in the eventual assessment, her/his promotion shall be effected either from 1 <sup>st</sup> January or 1 <sup>st</sup> July depending on the date of eventual assessment, as detailed below:
	If the eventual assessment is between 1 <sup>st</sup> January and 30 <sup>th</sup> June or a year, the promotion shall be granted from 1 <sup>st</sup> July of the year. If the eventual assessment is between 1 <sup>st</sup> July and 31 <sup>st</sup> December of a year, the promotion shall be granted from 1 <sup>st</sup> January of next year.
(i) xxx xxx xxx – No Change –	Note : Date of rejection shall imply date of eligibility
	(i) xxx xxx xxx – No Change –
4. Screening cum evaluation committee (Applicable for both CAS-2010 and CAS-2018)	
(i) Xxxx	(i) Xxxx
(ii) Xxxx	(ii) Xxxx
	Add the following:-
	NOTE: Date of rejection shall imply date of eligibility

4. Amendments to Ordinance XXIV. Qualifications of University Teachers (Appointed and Recognised) (E.C Res. No. 14-1-16 dated 09.06.2023)

Existing	Amended
IX. 308 TECHNOLOGY:	IX. 308 TECHNOLOGY:
A. Assistant Professor- Technology i) Essential:	A. Assistant Professor:
I) Essential.	<b>1. COMPUTER ENGINEERING</b>
1) First Class Master's Degree in the	
appropriate branch of Engineering &	Essential Qualifications
Technology.	
	B.E./B.Tech./B.S. and M.E./ M.Tech./ M.S. o
ii) Without prejudice to the above, the	Integrated M.Tech. in relevant branch with first
following conditions may be	class or equivalent in any one of the degrees.
considered desirable:	'OR'
1. Teaching, research industrial and / or	1st class MCA and 1st class in M.Tech in
professional experience in a reputed organization;	relevant branch from a recognized University 'OR'
2. Papers presented at Conferences and /	1st class or equivalent in B.E./B.Tech in relevan
or in refereed journals.	branch/1st class in MCA and Ph.D. in relevan
, in reference journale.	branch from a recognized University.
	5
	2. ELECTRICAL ENGINEERING
	Essential Qualifications:
and the second sec	B.E./B.Tech./B.S. and M.E./M.Tech./M.S. o
	Integrated M.Tech. in relevant branch with first
	class or equivalent in any one of the degrees.
	'OR'
	Ist Class or equivalent in B.E./B.Tech. in
	relevant branch and Ph.D. in relevant branch
	from a recognized University
	3. ELECTRONICS
	<b>COMMUNICATION ENGINEERING</b>
	Essential Qualifications
	B.E./B.Tech./B.S. and M.E./M.Tech./M.S. o
	Integrated M.Tech. in relevant branch with firs
	class or equivalent in any one of the degrees. 'OR'
	Ist class or equivalent in B.E./B.Tech. in relevan
	branch and Ph.D. in relevant branch from a
	recognized University
the state of the s	

	Note:
x .	(i) Annexure 1:
	Details of branches relevant to Computer
	Science & Engineering, Electrical Engineering
	and Electronics & Communication Engineering
	(ii) Annexure 2:
	Procedure for Screening/ selection for direct
	recruitment
<b>B. Associate Professor</b>	B. Associate Professor
XXX XXX XXX	XXX XXX XXX
C. Professor	C. Professor
XXX XXX XXX	XXX XXX XXX

5. Amendments to Ordinance XXIV. Qualifications of University Teachers (Appointed and Recognised) (E.C Res. No. 20(15) dated 09.06.2023)

X. <sup>309</sup> EDUCATION:	X. <sup>309</sup> EDUCATION:
A. Assistant Professor in Education.	A. Assistant Professor in Education.
1. xxxx	1. xxxx
2 xxxx	2 xxxx
Note: 1. For those subjects where the NCTE norms for qualifications for posts relating to B.El.Ed. stipulate only M.A./ M.Sc. and PG degree or research in Education, the minimum marks in that discipline should be 55% marks. 2. The National Eligibility Test (NET) shall be in Education for those positions where M.Ed. is a requirement. For those positions which do not require M.Ed., NET shall be in the subject concerned.	<ul> <li>Add the following:</li> <li>3. For the discipline of Education (Integrated Teacher Education Programme):</li> <li>A. Assistant Professor: in Liberal Discipline and Pedagogy:</li> <li>1. Assistant Professor in Liberal Discipline and Pedagogy:</li> <li>1) Post-Graduate degree in Sciences (Physics or Chemistry or Botany or Zoology or Life Sciences or Bioscience) or Mathematics or Social Sciences (History or Geography or Political Science or Economics) or Languages (English or Modern Indian Languages or Classical Languages) or Commerce allied subjects with minimum fifty-five percent marks or its equivalent grade.</li> </ul>

- 2) B.Ed. degree with minimum fifty-five percent marks or its equivalent grade.
- National Eligibility Test or Doctor of Philosophy in Education or in the concerned subject as prescribed by the University Grants Commission for these categories of posts.

#### **Desirable:**

- 1) M.Ed. or M.Ed. with Specialisation
- 2) Ph.D. in Education

# 2. Assistant Professor in Educational Studies:

1) Post Graduate degree in Education (M.Ed.)

 With National Eligibility Test or Doctor of Philosophy in Education or in the concerned subject as prescribed by the University Grants Commission for these categories of posts.

#### Desirable:

 Master's degree in Psychology or Philosophy or Sociology or their allied subjects.

#### Note:

1. For those subjects where the NCTE norms for qualifications for posts relating to B.El.Ed. stipulate only M.A./ M.Sc. and PG degree or research in Education, the minimum marks in that discipline should be 55% marks.

2. The National Eligibility Test (NET) shall be in Education for those positions where M.Ed. is a requirement. For those positions which do not require M.Ed., NET shall be in the subject concerned.

#### **B. Associate Professor:**

#### 1. Associate Professor in Education.

i) Master's Degree in Arts / Humanities / Sciences / Commerce with minimum 55% in Sciences / Commerce with minimum 55% in

**B.** Associate Professor in Education.

the discipline relevant to the area of	the discipline relevant to the area of
specialization.	specialization.
ii) Master's degree in Education	ii) Master's degree in Education (M.Ed./M.A.
(M.Ed./M.A. Education) with a minimum of	Education) with a minimum of 55% marks.
55% marks.	iii) Ph.D. degree in Education or in the
iii) Ph.D. degree in Education or in the	discipline relevant to the area of
discipline relevant to the area of	·
specialization.	iv) Any other qualification prescribed by
iv) Any other qualification prescribed by	UGC like NET qualification or length of
UGC like NET qualification or length of	
professional teaching experience as per	UGC/University for the positions of Associate
UGC/University for the positions of	Professor.
Associate Professor.	
	2. For the discipline of Education
	(Integrated Teacher Education
	Programme):
	1) Postgraduate degree in Sciences or
	Mathematics or Social Sciences or
	Commerce or Languages.
	2) M. Ed.
	3) Ph.D, in Education.
	4) Eight years of teaching experience in a
	teacher education institute for Associate
	Professor.
	5) Any other relevant qualification
	prescribed by the UGC for these
	categories of posts.
C. Professor in Education.	C. Professor:
i) Master's Degree in Arts / Humanities /	1. Professor in Education.
Sciences / Commerce with minimum 55% in	
the discipline relevant to the area of	,
specialisation. ii) Master's degree in Education	Sciences / Commerce with minimum 55%
(M.Ed./M.A. Education) with a minimum of	in the discipline relevant to the area of
55% marks.	specialisation. ii) Master's degree in Education (M.Ed./M.A.
iii) Ph.D. degree in Education or in the	Education) with a minimum of 55%
discipline relevant to the area of	marks.
specialization.	iii) Ph.D. degree in Education or in the
iv) Any other qualification prescribed by	discipline relevant to the area of
UGC like NET qualification or length of	specialization.
professional teaching experience as per	iv) Any other qualification prescribed by
UGC/University for the positions of	UGC like NET qualification or length of
Professor.	professional teaching experience as per
	UGC/University for the positions of
	Professor.

	2. For the discipline of Education (Integrated Teacher Education Programme):
	<ol> <li>Postgraduate degree in Sciences or Mathematics or Social Sciences or</li> </ol>
	Commerce or Languages. 2) M. Ed.
	<ol> <li>Ph.D. in Education.</li> <li>Ten years of teaching experience in a teacher education institute for Professor.</li> </ol>
	<ul><li>5) Any other relevant qualification prescribed by the UGC for these categories of posts.</li></ul>
D. Principal in a college exclusively offering M.Ed/B.Ed./B.El.Ed. Courses:	D. Principal in a college exclusively offering M.Ed/B.Ed./B.El.Ed. Courses:
xxxx	XXXX

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REGISTRAR

Encl. as above:

#### ORDINANCE XXIV

## IX. <sup>308</sup> TECHNOLOGY:

Annexure -1 (FOT)

## 1. COMPUTER ENGINEERING

## **Relevant Branch**

- Advanced Communication and Information System
- Advanced Electronics & Communication Engineering
- Artificial Intelligence
- Computer and Communication Engineering
- Computer Applications
- Computer Engineering
- Computer Engineering & Applications
- Computer Networking
- Computer Science
- Computer Science & Engineering
- Computer Science & Information Technology
- Computer Technology & Applications
- Computer Science & Technology
- Computer Science and Systems Engineering
- Computer Technology
- Electrical & Electronics Engineering
- Electrical Engineering
- Electronic & Computer Engineering
- Electronic Engineering
- Electronics & Communication Engineering
- Electronics & Instrumentation
- Electronics & Telecommunication Engineering
- Information & Communication Technology
- Information Engineering
- Information Science & Engineering
- Information Science & Technology
- Information Security
- Information Systems
- Information Technology
- Information Technology & Engineering
- Mathematics & Computing

- Mobile & Pervasive Computing
- Software Engineering
- Software Systems
- Software Technology
- Software Testing
- VLSI Design
- Web Designing
- Web Technologies
- 3-D Animation & Graphics
- Applied Electronics and Instrumentation
- Microelectronics

## 2. ELECTRICAL ENGINEERING

## **Relevant Branch**

- Electrical Engineering
- Electrical & Electronics Engineering
- Electronics Engineering
- Electronics & Communication Engineering
- Electronics and Electrical Communication Engineering
- Instrumentation & Control Engineering
- Control & Instrumentation
- Power Engineering
- Electronics & Applied Instrumentation Engineering
- Instrumentation Engineering
- High Voltage Engineering
- Electrical Machine & Drives
- Drive & Power Electronics
- Power Systems
- Power Electronics & Drives
- Power Apparatus & Systems
- Electrical Machines
- Power Apparatus & Electric Drives
- Systems and Control
- System Engineering
- Energy Systems
- Microwave &
   Optical Communication
- Communication Systems
- Signal Processing & Embedded System
- Process Control
- Control Engineering

- Measurement & Instrumentation
- Digital Design
- Microelectronics & VLSI Design
- RF and Microwave Engineering
- Telecommunication Systems Engineering
- Power and Energy Systems
- Machine Drives & Power Electronics
- Robotics System
- Communication Engineering
- Control and Computing
- Power Electronics & Power Systems
- Electronics Systems
- Power and Control
- Signal Processing
- Signal Processing & Digital Design
- Machine Drives & Power Electronics
- Power & Energy Systems Engineering
- Instrumentation & Signal processing
- Advance Communication and Information System
- Advanced Electrical Power System
- Advanced Electronics
- Advanced Electronics and Communication Engineering
- Applied Electronics
- Applied Electronics and Communications System
- Applied Instrumentation
- Automation and control
- Power Systems
- Bio Electronics
- Biomedical Electronics
- Biomedical Signal Processing and Instrumentation
- Communication Engineering and Signal Processing
- Computer Applications In Industrial Drives
- Control Engineering
- Digital Communication
- Digital Communication and Networking Digital Electronics
- Digital Electronics and Communication Engineering
- Digital Electronics and Engineering
- Digital Image processing
- Digital Instrumentation
- Digital Signal Processing
- Digital Systems
- Digital Systems and Communication
- Electric Power System

- Electrical Drive and Power Engineering
- Electrical and Power Engineering
- Electrical Energy Systems
- Electrical Engineering (Instrumentation & Control)
- Electrical Instrumentation and Control Engineering
- Electrical Power & Energy Systems
- Electrical Power Systems
- Electronics Circuits and System Design
- Electronics & Communication (VLSI Design)
- Electronics & Instrumentation Engineering
- Electronic & Tele communication Engineering
- Electronic and Control Systems
- Electronics and Telecommunication Engineering (Radio and Systems)
- Electronics Communication and Instrumentation Engineering
- Electronics
- Design and Technology Electronics Product Design and Technology
- Electronics Systems and Communication
- Electronics Technology
- Electronics Tele Communication
- Embedded and Real Time Systems
- Embedded Systems and VLSI Design
- Embedded Systems
- Embedded Systems Technologies.
- Energy Engineering
- Guidance and Navigation Control
- Guided Missiles
- High Voltage and Power System Engineering
- Illumination Engineering
- Illumination Technology & Design
- Image Processing
- Industrial Automation & RF
- Engineering
- Industrial drives and Control
- Industrial Electronics
- Industrial Power Control and Drives
- Instrumentation Engineering
- Integrated Circuits Technology
- Integrated Power Systems
- Micro and Nano Electronics
- Micro Electronics & VLSI deigns
- Micro Electronics and Control Systems
- Micro Electronics Engineering

- Microwave and Optical Communication Engineering
- Microwave and Communication Engineering
- Microwave and millimeter Engineering
- Microwave and Radar Engineering
- Microwave and TV Engineering
- Microwave Engineering
- Optics and Optoelectronics
- Optoelectronics & Communication
- Optoelectronics and Laser Technology
- Optoelectronics Engineering
- Power and Energy Engineering
- Power and Industrial Drives
- Power Control and drives
- Power Electronics and Control
- Power Electronics and Electrical Drives
- Power Electronics and Machine Drives
- Power Electronics and Systems
- Power Electronics Engineering
- Power Engineering and Energy Systems
- Power system and Control
- Power System and Control Automation
- Power System with Emphasis on H.V. Engineering
- Power Systems and Automation
- Power Systems and Power Electronics
- Power Systems Control and Automation Engineering
- Radio Physics and Electronics
- Reliability Engineering
- Renewable Energy
- Sensor Technology
- Signal Processing and Communication
- Solar Power Systems
- Telecommunication Engineering
- Telematics
- VLSI and Embedded Systems Design
- VLSI and Microelectronics
- VLSI Design
- VLSI Design and Embedded Systems
- VLSI Design and Signal Processing
- VLSI Design and Testing
- VLSI System Design
- VLSI Systems
- Applied electronics and Instrumentation Engineering
- Biomedical Engineering

- Biomedical Instrumentation
- Electrical and Electronics (Power System)
- Electrical and Instrumentation Engineering
- Electrical and Power Engineering
- Electrical Engineering (Electronics & Power)
- Electrical Engineering Industrial Control
- Electrical Instrumentation and Control Engineering
- Electrical, Electronics and Power
- Electronics Science and Engineering
- Electronic Instrumentation and Control Engineering
- Electronics & Telecommunication Engineering
- Electronics and Computer Engineering
- Electronics and Control Systems
- Electronics and Electrical Engineering
- Electronics and Power Engineering
- Electronics System Engineering
- Information Technology and Engineering
- Instrument Technology
- Instrumentation & Electronics
- Mechatronics Engineering
- Medical Electronics Engineering
- Power Electronics and Instrumentation Engineering
- Energy and Environment Management

## 3. ELECTRONICS & COMMUNICATION ENGINEERING

## **Relevant Branch**

- Advanced Electronics
- Advanced Electronics and Communication Engineering
- Applied Electronics
- Applied Electronics & Instrumentation Engineering
- Applied Electronics And Communications
- Advanced Communication And Information System
- Advanced Computer Aided Design
- Biomedical Electronics
- Biomedical Signal Processing
- Computer Engineering
- Computer Engineering & Application

- Communication & Signal Processing Computer And Communication Engineering
- Computer Applications
- Computer Engineering
- Computer Engineering
   &Applications
- Computer Science & Engineering
- Computer Science & Technology Communication And Information
   Systems
- Communication And Networking
- Communication Engineering
- Communication Engineering And Signal Processing
- Communication Networks
- Communication Systems
- Digital Design
- Digital Electronics
- Digital Electronics & Microprocessor
- Digital Electronics And Communication
- Digital Electronics And Communication Engineering
- Digital Electronics And Communication Systems
- Digital Electronics Engineering
- Digital Image Processing
- Digital Signal Processing
- Digital Systems
- Digital Communication
- Digital Communication Engineering
- Digital Communications And Networking
- Digital Systems And Computer Electronics
- Electronic Engineering
- Electronics & Communication Engineering
- Electronics & Computer Science
- Electronics (Fiber Optics)
- Electronics (Robotics)
- Electronics And Biomedical Engineering
- Electronics And Communication Engineering (Microwaves)
- Electronics And Communications Engineering
- Electronics And Control Systems
- Electronics And Electrical Engineering
- Electronics And Electrical Communication Engineering
- Electronics And Telecommunications Engineering
- Electronics And Telematics Engineering
- Electronics Design Technology

- Electronics Engineering
- Electronics Engineering (Industry Integrated)
- Electronics Engineering (Micro Electronics)
- Electronics Engineering

(Specialization In Consumer Electronics)

- Electronics Engineering With Microprocessor
- Electrical Engineering
- Electronics System Engineering
- Electronics Technology Embedded System & Computing
- Embedded System And VLSI
- Embedded System And VLSI Design
- Embedded Systems
- Embedded Systems Technologies
- Image Processing
- Industrial Electronics
- Integrated Circuits Technology
- Integrated Electronics And Circuits IC Design
- Information Technology
- Information Science & Engineering
- Information Science & Technology
- Information Security
- Information Systems
- Information Technology & Engineering
- Mobile & Pervasive Computing
- Medical Electronics
- Medical Electronics Engineering
- Micro And Nano Electronics
- Micro Electronics
- Micro Electronics & VLSI Design
- Micro Electronics And Control Systems
- Micro Electronics Engineering
- Microelectronics & VLSI Design
- Mobile Technology
- Microwave & Optical Communication
- Microwave And Communication Engineering
- Microwave And Millimeter Engineering
- Microwave And Radar Engineering
- Microwave And TV Engineering
- Microwave Engineering
- Microwaves
- Microwave And Optical Communication
- Mobile Communication
- Mobile Communication And Network Technology

- Modern Communication Engineering
- Nano Science & Technology
- Nano Electronics
- Nano Technology
- Optics And Optoelectronics
- Opto Electronics & Communication Systems
- Optoelectronics & Communication
- Opto-Electronics Engineering
- Optoelectronics -Optical Communication
- Optical Communication
- Radar & Communication
- Radio Frequency And Microwave Engineering
- Radar And Satellite Communication
- Radio Physics And Electronics
- RF And Photonics
- Signal Processing
- Signal Processing and Digital Design
- Signal Processing And Communications
- Signal Processing And Embedded Systems
- Telecommunication Engineering
- VLSI
- VLSI Design
- VLSI And Embedded Systems
- VLSI And Embedded Systems Design
- VLSI And Microelectronics
- VLSI Design And Embedded Systems
- VLSI Design And Signal Processing
- VLSI Design And Testing
- VLSI System Design
- VLSI Systems
- VLSI Design Tools And Technology
- Wireless And Mobile Communications
- Wireless Sensor Networks
- Wireless Communication & Computing
- Wireless Communication Technology
- Wireless Communications
- Wireless Networks And Applications
- Instrumentation Engineering
- Instrumentation and Control Engineering
- Power Electronics

Notes:

- 1. Any deviation in the nomenclature of the relevant branches or degrees as mentioned above may also be considered by the University.
- 2. AMIE/IETE qualifications in relevant branches mentioned in the advertisement are also eligible.
- 3. B.Sc. (Engineering), B.E., B.Tech, B.S. (Four years) shall be considered as equivalent.
- 4. M.Sc. (Engineering), M.E., M.Tech, M.S. shall be considered as equivalent.
- 5. Selection Committee, may in cases of exceptional merit, recommend additional increments in case of higher qualifications, experience and academic achievements by the candidates.
- 6. Persons already in employment in Government Department/Autonomous Bodies/Universities under Central/State Government should apply through proper channel.
- 7. If a class/division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class/division.
- 8. In case, procedure for conversion of Grade Point to percentage of marks is mentioned on the degree itself, the same shall be applied or otherwise, Grade Point in 10 point scale system will be adopted and the Cumulative Grade Point Average will be converted into equivalent marks as below:-

"Percentage of marks=10 x CPGA"

# Annexure- 2 (FOT)

## I. Procedure for Screening/ selection for direct recruitment:

- 1. The applications received will be scrutinized as per the eligibility criteria notified in the advertisement by the University for respective discipline.
- 2. Status of a candidate in terms of his/her shortlisting shall be made available on the respective dashboard of the applicant on the website of the University i.e. www.du.ac.in.
- 3. The University shall conduct a screening test for short listing of candidates. The shortlisted candidates will make a presentation before a duly constituted committee by the Vice-Chancellor prior to appearing for interview before the Committee.
- 4. The screening test for the post of Assistant Professor will be based on prescribed syllabus of Graduate Aptitude Test for Engineering in the respective discipline available in the syllabus with the scheme of examination.
- 5. The date of Screening Test will be notified in due course of time. The candidates are advised to keep a watch on the University website for further updates.

# II. EXEMPTION FROM SCREENING TEST

1. The exemption of screening test for the purpose of recruitment to the post of Assistant Professor is granted to the candidates having Ph.D degree in the relevant branch and:

1.1 the candidates has at-least one publication in Category I or

- 1.1 the candidate has at-least two publications in Category II or
- 1.2 the candidate has at-least five publications in Category II and Category III taken together
- 2. The candidates granted exemption from screening test shall be called for interview over and above the criteria fixed for Screening Test.
- 3. The categories of publication are specified below:

# • CATEGORIES:

# **CATEGORY I – OUTSTANDING RESEARCH PUBLICATION**

The paper must be in a journal paper with impact factor at-least two, indexed in SCI/SSCI and published in the following

- Nature
- Science

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

# **CATEGORY II – PREMIER RESEARCH PUBLICATION**

The paper must be a journal paper with impact factor at-least 3.0 for Institute of Electrical & Electronics Engineers (IEEE) Transactions and one for all others, indexed in SCI/SSCI or SCI expanded and published in the following:

- 1. Proceedings of Royal Society
- 2. American Mathematical Society
- 3. American Physical Society
- 4. American Society for Civil Engineers (ASCE)
- 5. American Society for Mechanical Engineers (ASME)
- 6. IEEE Transactions (TRIF > = 3.0)
- 7. Association for Computing Machinery (ACM) Transactions
- 8. Institute of Civil Engineering Publishing, London
- 9. Institute of Mechanical Engineering, London
- 10. American Society of Testing Materials (ASTM)
- 11. Nature Publishing Group

In addition to the above list, the SCI/SSCI or SCI expanded indexed journals with impact factor equal to or more than ten (10) will be counted in category II. The candidate must have major contribution on either as a First author/Second author or Corresponding author.

# **CATEGORY III – COMMENDABLE RESEARCH PUBLICATION**

The paper must be a journal paper with impact factor at least one, indexed in SCI/SSCI or SCI expanded and published in the following:

- 1. IEEE Transactions (TRIF < 3)
- 2. IEEE Journals
- 3. Springer
- 4. Elsevier (Science Direct)
- 5. Oxford University Press

- 6. Pergamon-Elsevier Science Ltd
- 7. Cambridge University Press
- 8. Wiley-Blackwell
- 9. Blackwell Publishing
- 10. John Wiley & Sons
- 11. Institute of Engineering and Technology (IET)
- 12. Biomedical Central Ltd
- 13. MIT Press
- 14. Indiana University Press
- 15. American Meteorological Society
- 16. American Physiological Society
- 17. American Society of Microbiology
- 18. American Chemical Society
- 19. American Institute of Physics
- 20. IOP Publishing Ltd.
- 21. Massachusetts Medical Society
- 22. IOS Press
- 23. Princeton University Press
- 24. Society of Industrial and Applied Mathematics
- 25. Proceedings of National Academy of Science of the USA

In additions to the above, SCI/SSCI or SCI expanded indexed journals not included in the above list having impact factor equal to or more than five (5) shall be considered for Category III. The candidate must have major contribution either as a First author/Second author or Corresponding author.

4. The candidates who wish to be considered for exemption from 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 with the online application form.

## 5. WEIGHTAGE IN SCREENING TEST

5.1 The candidates having Ph.D. Degree, who could not become eligible for exemption of screening test but have some good research papers as a First author/Second author or corresponding author will be given weightage of 2% of maximum marks of screening test for each research paper in category II/III for the post of Assistant Professor. However, the maximum weightage including all weightages will not exceed 5% of the maximum marks of the screening test. The candidate must have major contribution in so published papers either as a 1st author/2nd author or corresponding author in all the papers submitted for consideration of weightages.

# 5.2 CATEGORIES:

# **CATEGORY II – PREMIER RESEARCH PUBLICATION**

The paper must be a journal paper with impact factor at-least three, indexed in SCI/SSCI or SCI expanded and published in the following:

- 1. Proceedings of Royal Society
- 2. American Mathematical Society
- 3. American Physical Society
- 4. American Society for Civil Engineers (ASCE)
- 5. American Society for Mechanical Engineers (ASME)
- 6. IEEE Transactions (TRIF  $\geq 3.0$ )
- 7. Association for Computing Machinery (ACM) Transactions
- 8. Institute of Civil Engineering Publishing, London
- 9. Institute of Mechanical Engineering, London
- 10. American Society of Testing Materials (ASTM)
- 11. Nature Publishing Group

In addition to the above list, the SCI/SSCI or SCI expanded indexed journals with impact factor equal to or more than ten (10) will be counted in category II. The candidate must have major contribution either as a First author/Second author or Corresponding author.

# **CATEGORY III - COMMENDABLE RESEARCH PUBLICATION**

The paper must be a journal paper with impact factor at-least one, indexed in SCI/SSCI or SCI expanded and published in the following:

- 1. IEEE Transactions (TRIF<3)
- 2. IEEE Journals
- 3. Springer
- 4. Elsevier (Science Direct)
- 5. Oxford University Press
- 6. Pergamon-Elsevier Science Ltd
- 7. Cambridge University Press
- 8. Wiley-Blackwell
- 9. Blackwell Publishing
- 10. John Wiley & Sons
- 11. Institute of Engineering and Technology (IET)

- 12. Biomedical Central Ltd
- 13. MIT Press
- 14. Indiana University Press
- 15. American Meteorological Society
- 16. American Physiological Society
- 17. American Society of Microbiology
- 18. American Chemical Society
- 19. American Institute of Physics
- 20. IOP Publishing Ltd.
- 21. Massachusetts Medical Society
- 22. IOS Press
- 23. Princeton University Press
- 24. Society of Industrial and Applied Mathematics
- 25. Proceedings of National Academy of Science of the USA

In addition to the above, SCI/SSCI or SCI expanded indexed journals not included in the above list having impact factor equal to or more than five (5) shall be considered for Category III.

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

- 5.3 The candidates who wish to be considered for weightage in the screening test should mention the same in the online application form. In case the weightage in the screening test is claimed, necessary documents in support of the claim should be submitted alongwith the printout of the online application form.
- 5.4 The additional weightage granted to the applicants as stated in preceding paras shall be added to their respective score in the screening test for preparation of final merit test.
- 5.5 The candidates shortlisted from the screening test, as per the applicable criteria and those who have been exempted from the screening test shall be called for presentation and interview on the dates notified at the University website.
- 5.6 All communications shall be sent through e-mail on the registered email-Id's of the applicant.