



ACBR

DR. B. R. AMBEDKAR CENTER FOR BIOMEDICAL RESEARCH (ACBR)

UNIVERSITY OF DELHI, DELHI – 110 007

ADMISSION IN PH.D. IN BIOMEDICAL SCIENCES
ACADEMIC YEAR 2024-25

ELIGIBILITY AND ADMISSION CRITERIA

Eligibility criteria for admission to the Ph.D. Programme.-The following are eligible to seek admission to the Ph.D. programme:

(1) Candidates who have completed:

- i. 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme* after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time

** Master's degree in the appropriate field/subject (Biomedical Sciences / Zoology / Chemistry/Botany/LifeSciences/Biotechnology/Microbiology/Biochemistry/ Genetics/or related disciplines).*

- ii. Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in

that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

- iii. Master's degree or a professional degree (M.Tech./M.D./M.S./M.Pharm. degree) in the same or allied subjects, declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate (or its equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of the educational institutions.
2. Candidates who have cleared a national level examination like CSIR/UGC-NET-JRF, DBT-JRF, ICMR-JRF or equivalent valid fellowship may appear for interview. Candidates who have qualified in the above examinations but await results in their Master's programme, may also apply. Candidates who have already initiated their fellowships in some other institution and are interested to have the fellowship transferred to the University of Delhi may also apply, provided the period of available fellowship is at least 4 years.
3. The Candidates who have been awarded eligibility for Assistant Professorship in the CSIR/UGC-NET (or equivalent examination)/ GATE/NTA Category 2 & 3[#], may also directly appear for the interview.
4. *As per UGC Notification dated 27.03.2024, for students who qualify in Categories 2 and 3, 70% weightage will be given for test scores 30% weightage for the interview for admission to Ph.D. program. The Ph.D. admission will be based on the combined merit of NET marks and the marks obtained in the Interview.*
5. Candidates holding Junior Research Fellowships or equivalent research positions in projects, satisfying the minimum eligibility conditions (subject to selection by the duly constituted committee as per the University norms for research projects) may also appear directly for an interview.
6. Scientists/professionals working at R&D institutes of the Government of India/State Government with whom the University has signed a Memorandum of Understanding (MoU) may directly appear for interview subject to fulfilling minimum eligibility criteria.
7. Teachers and non-teaching staff, who are in the permanent service of the University of Delhi, may directly appear for an interview subject to fulfilling minimum eligibility criteria.

8. No candidate shall be eligible to register for the Ph.D. programme if he/she is . already registered for any full-time programme of study in any University/Institution.

#For more details please refer DU admission notice dated 14.05.2024 and UGC Notification dated 7th November, 2022 (Minimum standards & Procedures for Award of Ph.D. Degree)

<p>Major areas of Research In Dr. B. R. Ambedkar Center for Biomedical Research</p>	<ul style="list-style-type: none"> • Developing DNMT inhibitors for prostate and colorectal cancer. • Developing natural products and heretrocyclic compounds used for treating Amyotrophic lateral. • Computer aided drug design and discovery with detailed mechanistic studies. • Neurobiology of Drug Resistant Epilepsy; • Medical Diagnostics. • Neuroinflammation and neuropathogenesis of Malaria, Cerebral Ischemia/stroke /cerebral hypoxia. • Protein sciences, biophysics, biochemistry, CVDs, membrane proteins and structural biology. • Understanding the genetics and epigenetics of neurodegenerative diseases using animal model and cell culture. • Study the exosomes collected from different material for study purpose under anti-cancerous effect • Modulating the RNA binding proteins mediated enrichment in exosomes and its release. • Molecular Aspects of Cardiovascular Disorders, Toxicology
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Seat Matrix

Category	UR	OBC (27%)	SC (15%)	ST (7.5%)	EWS (10%)	Total
No. of seats	06	04	02	01	01	14

Submission of Research Proposal is MANDATORY at the time of Registration.


 04/06/24
Director

निदेशक/Director
 डॉ. बी. आर. अम्बेडकर जैव चिकित्सा अनुसंधान केन्द्र
 Dr. B. R. Ambedkar Center for Biomedical Research
 दिल्ली विश्वविद्यालय/University of Delhi
 दिल्ली/Delhi-110007

04/06/24