



Master's degree in the appropriate field/subject (Biomedical Sciences /Zoology/Chemistry/Botany/LifeSciences/Biotechnology/Microbiology/Biochemistry/ Genetics/or related disciplines) or a professional degree (M. Tech./M. Pharma./M.Vsc./M.D./M.S. Degree), declared equivalent in the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate (or its equivalent grade 'B' in the UGC 7-Point scale or an 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, according or assuring quality and standards of educational institutions. The candidates shall present and discuss their research interest/area at the time of interview. Candidates shall bring a Statement of Purpose (SOP) for the same at the time of interview.

The candidates who are eligible on the basis of qualifying UGC-NET (including JRF)/ UGC-CSIR NET (including JRF)/ AYUSH-NET/DBT-JRF, ICMR-JRF, DST-INSPIRE or equivalent national level examination/fellowship (as identified by DRC)/ GATE/ teacher fellowship holders and others (as per Ordinance VI, Notification: Amendments to Ordinances dated 09th August 2017 and its Amendments approved by the Executive Council in its meeting held on 01-02.07.2019) will be able to apply. In Phase II, all eligible candidates will be able to apply. However, candidates who become eligible on the basis of appearing in the entrance test will be shortlisted for interviews after the declaration of the result of the entrance test.

For notifications and updates regarding Ph.D. Admissions-2023, kindly visit:
www.admission.uod.ac.in or <https://phd2023.uod.ac.in/index.php/site/login>

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| Registration Begins (Phase I) | Wednesday, July 12, 2023 |
| Registration Closes | Wednesday, August 2, 2023 |
| Interviews by Departments/ Centres | Wednesday, August 16, 2023 to Saturday, September 16, 2023 |

Major Research Areas (as per seat availability with Supervisor)

- Computer aided drug design and discovery with detailed mechanistic studies
- Regulation of Innate immune responses to mycobacteria.
- Antimycobacterial Drug-Discovery
- Malaria pathogenesis and Pathogenesis of cerebral ischemia/hypoxia
- Applications of Biofilm and Genetic analysis of disease in model organism
- Characterizing ion-channels and GPCR for cancer and atherosclerosis.
- Molecular aspects of cardiovascular disorders, toxicology
- Biophysics/Protein folding and misfolding
- Thalassemia screening and mutational analysis
- Cancer Biology

Seat Matrix

| UR | OBC(NL) | SC | ST | EWS | SUPERNUMERARY SEATS | |
|----|---------|----|----|-----|---------------------|-------------------|
| | | | | | PWBD | Foreign Nationals |
| 08 | 05 | 03 | 02 | 02 | 01 | 01 |

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

For details visit: website- www.acbrdu.edu
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