

Department of Genetics offers a unique opportunity to interact with faculty and students working on various model systems such as *Arabidopsis*, *Drosophila*, Yeast, *Dictyostelium*, human derived cell-lines, cfDNA and more.

Read more about the department at:
genetics.du.ac.in

STRUCTURE OF EXAM

- 1) Candidates with UGC-NET (JRF/LS), UGC-CSIR NET (JRF/LS), ICAR-NET, GATE ('Life Science' or 'Biotechnology') - Only interview (Phase 1)
- 2) Others: Written exam- those with qualifying marks (UR:50%, other 45%) will be called for interview (Phase 2)

In July-August only Phase 1 of admissions is being opened, applicants for Phase 2 may look at updates on DU websites given below for schedule of exam

ELIGIBILITY

Minimum 55% marks (or equivalent CGPA score) in Master's Degree/ M.Phil./ M. Tech./ M.D./ M.S. in any branch of life Sciences/ Medical Sciences/ Any branch of Biology from a recognised University/Institute.

DETAILS ON CONDUCT OF THE EXAM

Will be updated on department website
(genetics.du.ac.in)

SEAT DISTRIBUTION

Total seats: 7 (JK - 2; SS - 2; KD - 2; AN - 1).

Admission will be done as per University and government norms

LINK FOR REGISTRATION/APPLICATION

<https://admission.uod.ac.in> &
<https://phd2023.uod.ac.in> (last date: 2nd August, 2023)

FORMORE INFORMATION, CONTACT:

Ms Neha Bisht; Email: udscgenetics@gmail.com



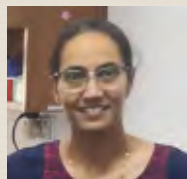
CALL FOR PHD ADMISSIONS 2023-24

Department Of Genetics UNIVERSITY OF DELHI SOUTH CAMPUS

Benito Juarez Road, New Delhi - 110021, India

Labs open for admission in the current call

PROF JAGREET KAUR/ PLANT PATHOGEN INTERACTION



- Genetic and molecular basis of plant necrotrophic fungus interaction
- Understanding mechanisms of plant defence using a range of approaches from whole plant phenotyping to functional genomics

PROF SURAJIT SARKAR/ NEUROBIOLOGY AND DEVELOPMENTAL GENETICS



- Cellular and molecular mechanism(s) of the pathogenesis of human neurodegenerative disorders by utilizing *Drosophila* as a model organism.
- Identification and characterization of druggable genetic modifiers and drug molecules for development of novel therapeutic approaches for neurodegenerative disorders

DR KAUSTUV DATTA/ MITOCHONDRIAL PHYSIOLOGY



- RNA structures in mitochondria
- Mitochondrial translation regulation under altered environmental stimuli
- Cell fate decisions governed by mitochondrial quality

DR ARUNA NAOREM/ GENE REGULATION IN DICTYOSTEYLUM



- Gene regulation by bZIP transcription factor
- Post translational regulation by PPlase
- Role of amino acid homopolymers repeats in proteins