



जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र (ज.ने.उ.वै.अ.के.)
(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्था तथा सम विश्वविद्यालय संस्थान)
Jawaharlal Nehru Centre for Advanced Scientific Research
(An Autonomous Institution under Dept. of Science & Technology, Govt. of India and
an Institution Deemed to be University)
जक्कूर परिसर, बेंगलूरु - 560 064, भारत / Jakkur Post, Bengaluru - 560 064, INDIA

September 2026 Admissions

Guidelines for Candidates:

Applications are invited from eligible applicants for admissions to Research Programmes (Ph.D.) offered by the Chemistry and Physics of Materials Unit (CPMU), Engineering Mechanics Unit (EMU), Molecular Biology and Genetics Unit (MBGU), New Chemistry Unit (NCU), Neuroscience Unit (NSU), and Theoretical Sciences Unit (TSU).

Applicants possessing the educational qualifications, including those in the final semester/year of their qualifying examinations but expect to complete all the requirements for the award of the degree (like examinations, project dissertations, viva-voce, etc.) by 30.09.2026 and can furnish necessary certificates on or before 01 January 2027, are eligible to apply.

RESEARCH PROGRAMMES (Ph.D.)

A. Eligibility

Candidates with an M Sc. or equivalent, B.E/B.Tech/B.S. (4 years) or equivalent or B.VSc./M.VSc. or MBBS/MD as applicable to individual Units, as given in the table below, are eligible to apply.

- Candidates with an M.Sc. or equivalent should have at least 55% marks in aggregate or its equivalent grade on a point scale, wherever the grading system is followed.
- Candidates 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 where the grading system is followed.

The candidates should have qualified in the Joint CSIR-UGC-NET for JRF/UGC-NET for JRF. The award certificate of such tests should have the validity period for seeking admission to a research programme as on 1st January 2027.

Sl No.	Units	Eligible Education qualifications	Qualifying in NET CSIR JRF/UGC JRF
1.	Chemistry and Physics of Materials Unit	1. Master's Degree in Science or equivalent in Electronics, Chemical/Mathematical/Physical/ Materials Science. 2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science or equivalent in Electrical/Electronics/Metallurgy/ Polymer/Engineering Physics/Nano Technology/Chemical.	Valid NET-JRF
2.	Engineering Mechanics Unit	1. Master's Degree in Science or equivalent in Mathematical/ Physical Sciences. 2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science or equivalent in Aerospace/ Mechanical /Metallurgy/ Polymer/ Engineering Physics /Chemical.	Valid NET-JRF
3.	Molecular Biology and Genetics Unit	1. Master's Degree in Science or equivalent in Bioinformatics, Biotechnology, Chemical/ Biological/Life Sciences. 2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science or equivalent in Biotechnology, Bioinformatics, or any Biology-related area. 3. MBBS /M.D.	Valid NET-JRF
4.	New Chemistry Unit	1. Master's Degree in Chemistry/Physics. 2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science (preferred with Chemistry as a major subject)	Valid NET-JRF
5.	Neuroscience Unit	1. Master's Degree in Science or equivalent in Life/ Biological Sciences, Neuroscience, Bioinformatics, Biotechnology, Pharmacy. 2. 4-year Bachelor of Science or equivalent in Life Sciences, Biotechnology, Bioinformatics, or any Biology-related area/ 3. MBBS /M.D. 4. Master's/4-year Bachelor's Degree in a non-Biology area with demonstrated interest in Neuroscience can also apply	Valid NET-JRF
6.	Theoretical Sciences Unit	1. Master's Degree in Science or equivalent in Electronics, Chemical/Mathematical/Physical/Materials Sciences. 2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science or equivalent in Aerospace/ Engineering Physics/ Electrical/ Electronics /Metallurgy /Chemical/Mechanical Sciences.	Valid NET-JRF

B. Selection procedure

Candidates are short-listed for an interview based on their performance in the Joint CSIR-UGC-NET for JRF/UGC-NET for JRF and academic performance. The selection is based on the performance in the interview (in some Units, an aptitude test/preliminary interview may precede the final interview).

HOW TO APPLY

Applications for all the Ph.D. programmes mentioned above are available online. Only online applications will be considered.

APPLICATION FEE

The application fee is Rs.1000/- and is non-refundable. The application fee is to be paid through CASHFREE payment gateway link provided in the online application portal. Payment Gateway charges must be borne by the candidates, wherever applicable. There will be no payment gateway charges for payment through UPI.

IMPORTANT DATES

Website opens for online submission of applications	11.09.2026
Last date for submission of applications online (website closes at 23:59 hours on 21.09.2026)	21.09.2026

Fellowships: All the students joining JNCASR in September 2026 admissions are eligible for a fellowship from CSIR / UGC, depending upon their mode of entry.

The applicants are advised to visit the website <https://www.jncasr.ac.in/admission/degree-programmes> for details regarding degree programs and the areas of research carried out in the Research Units.

Admission portal for online submission of applications can be accessed at the following link <https://www.jncasr.ac.in/admission/admissions>

A relaxation of 5% marks or its equivalent grade for those belonging to SC/ST/OBC (non-creamy layer)/PWD and Economically Weaker Section (EWS) categories.

Women candidates are strongly encouraged to apply.

Deputy Controller of Examinations