



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

## MID-YEAR RESEARCH ADMISSIONS 2025-26

### Guidelines for Candidates:

Applications are invited from eligible applicants for admissions to Research Programmes [(Ph.D./ M.S(Engg.)] offered by the Chemistry and Physics of Materials Unit (CPMU), Engineering Mechanics Unit (EMU), Evolutionary and Organismal Biology Unit (EOBU), Molecular Biology and Genetics Unit (MBGU), New Chemistry Unit (NCU), and Neuroscience Unit (NSU).

Applicants possessing the educational qualifications, including those in the final semester/year of their qualifying examinations but expect to complete all the requirements for award of the degree (like examinations, project dissertations, viva-voce, etc.) by 31.12.2025 and can furnish necessary certificates on or before 01 January 2026, are eligible to apply.

### RESEARCH PROGRAMMES [Ph.D. / M.S(Engg.)]

#### A. Eligibility

Candidates with an M Sc. or equivalent, B.E/B.Tech/B.S. (4 years) or equivalent or M.E/M.Tech 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, M.E/M.Tech 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 also have qualified in any one of the national exams: GATE/GPAT/UGC-JRF /CSIR-NET-JRF/ICMR-JRF/DBT-JRF/INSPIRE-JRF. The award certificate of such tests should have the validity period for seeking admission to a research programme as on 1<sup>st</sup> January 2026.

Qualifying in the national exam is desirable for ME/M.Tech or equivalent degree holders.

<b>Sl No.</b>	<b>Units</b>	<b>Eligible Education qualifications</b>	<b>Qualifying in any one of the national entrance tests</b>
1.	Chemistry and Physics of Materials Unit <b>[Ph.D.]</b>	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 GATE / NET-JRF*
		3. Master's Degree in Engineering/Technology or equivalent in Electrical/Electronics/Metallurgy/Polymer/Engineering Physics/ Nano Technology/Chemical	Qualifying in one of the national exams mentioned above is desirable
2.	Engineering Mechanics Unit <b>[Ph.D. / M.S(Engg.)]</b>	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 GATE / NET-JRF*
		3. Master's Degree in Engineering/Technology or equivalent in Aerospace/Mechanical/Metallurgy/Polymer/Engineering Physics/Chemical/Atmospheric Science.	Qualifying in one of the national exams mentioned above is desirable
3.	Evolutionary and Organismal Biology Unit <b>[Ph.D.]</b>	1. Master's Degree in Science or equivalent in Life Sciences / any area of Biological Sciences / Mathematics /Physics.  2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science or equivalent in Biotechnology, Biological Engineering, or any Biology-related area.  3. MBBS /M.D.  4. B.VSc. / M.VSc.	Valid GATE / NET-JRF*
		5. Master's Degree in Engineering/Technology or equivalent in Biotechnology, Biological Engineering, or any Biology-related area.	Qualifying in one of the national exams mentioned above is desirable
4.	Molecular Biology and Genetics Unit <b>[Ph.D.]</b>	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 GATE / NET-JRF*
		4. Master's Degree in Engineering/Technology or equivalent in Biotechnology, Bioinformatics, or any Biology-related area.	Qualifying in one of the national exams mentioned above is desirable

5.	New Chemistry Unit [Ph.D.]	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 GATE/ NET-JRF*
6.	Neuroscience Unit [Ph.D.]	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 GATE /GPAT/ NET-JRF*
		5. Master's Degree in Engineering/Technology or equivalent in Biotechnology, Bioinformatics, or any Biology-related area.	Qualifying in one of the national exams mentioned above is desirable

## B. Selection procedure

Candidates are short-listed for an interview based on their performance in the national exams 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 degree 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 payment is to be made to the JNCASR bank account through NEFT or Online transfer. Service charges, if any, must be borne by the applicant.

The bank details for remitting the application fee are as follows:

**Beneficiary Name :** Jawaharlal Nehru Centre for Advanced Scientific Research

**Bank Name :** Canara Bank

**Branch :** IISc, Bangalore-560012

**Account No :** 0683101013474

**IFSC :** CNRB0000683

Before proceeding to fill the application, pay the required application fee, and keep the transaction number/UTR number with you.

### IMPORTANT DATES

Website opens for online submission of applications	<b>10.10.2025</b>
Last date for submission of applications online (website closes at 23:59 hours on 10.11.2025)	<b>10.11.2025</b>

**Fellowships:** All the regular students joining JNCASR are eligible for a fellowship from JNCASR/ CSIR / UGC/ ICMR / DBT /INSPIRE, 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**