



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 संस्था)

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 2026

Guidelines for Candidates:

Applications are invited from eligible applicants for admissions to the following degree programmes:

Ph.D. and M.S.(Engg.).

The gist of the admission operations is given in the following paragraphs.

Applicants possessing 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 1.01.2027 can furnish the necessary certificates on or before 31st March 2027, are eligible to apply.

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

1.1 Eligibility for Ph.D programme

- Candidates with an M.Sc. or equivalent, B.E/B.Tech/B.S. (4 year) 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 Table1 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 where the grading system is followed.
- Candidates seeking admission after a 4-year/8-semester Bachelor's programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale where the grading system is followed.
- M.Sc./B.E./B.Tech. graduates from JNCASR, IISERs, or IITs, with a minimum CGPA of 8.0 out of 10, shall be eligible to apply for the Ph.D. programme without the requirement of qualifying in GATE or any other national entrance examinations.

Candidates desirous of applying, should qualify 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 1st January 2027.

Candidates with UGC-JRF/CSIR-NET-JRF/ICMR-JRF/DBT-JRF/INSPIRE-JRF are strongly encouraged to apply.

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

Table 1

Sl No.	Unit	Eligible Education qualifications	Qualifying in any one of the national entrance tests
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 GATE score / 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	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 Mechanical/ Aerospace/ Chemical/ Civil/ Engineering Physics.	Valid GATE score / NET-JRF*
		3. Master's Degree in Engineering/Technology or equivalent in Engineering/Technology or equivalent in Mechanical/ Aerospace/ Chemical/ Civil/ Engineering Physics/ Atmospheric Science.	Qualifying in one of the national exams mentioned above is desirable
3.	Evolutionary and Organismal Biology Unit	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 score / 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	1. Master's Degree in Science or equivalent in Bioinformatics, Biotechnology, Biochemistry, Chemical/ Biological/Life Sciences or any Biology related area. 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 score / NET-JRF*
		4. Master's Degree in Engineering/Technology or equivalent in Biotechnology, Bioinformatics, or any Biology related area.	Qualification in one of the national exams mentioned above is desirable
5.	New Chemistry Unit	1. Master's Degree in Science or equivalent in Chemistry / Physics / Life Sciences. 2. Bachelor's Degree in Engineering/Technology/4-year Bachelor of Science (preferred with Chemistry as a major or minor subject)	Valid GATE score / NET-JRF*

6.	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 GATE/GPAT score / NET-JRF*
		5. Master's Degree in Engineering/Technology or equivalent in Biotechnology, Bioinformatics, or any Biology-related area.	Qualification in one of the national exams mentioned above is desirable
7.	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 GATE score / NET-JRF*
		3. Master's Degree in Engineering/Technology or equivalent in Aerospace/Engineering Physics/Electrical/Electronics/ Metallurgy/Chemical/Mechanical Sciences.	Qualifying in one of the national exams mentioned above is desirable

Note:

1. The GATE/GPAT/NET JRF/other National entrance test passing certificate/score card should be valid as on 01 January 2027.

2. *NET JRF includes –Joint CSIR-UGC NET for JRF; UGC-NET for JRF; DBT JRF; ICMR JRF; INSPIRE. Applicants must be qualified for Junior Research Fellowship (JRF) to be eligible to apply through NET JRF mode.

3. Applicants applying through INSPIRE mode must be in possession of a valid provisional INSPIRE offer for consideration of their application at level II of the selection, issued by DST at the time of interview.

1.2 Eligibility for M.S.(Engg.) programmes

M.S.(Engg.) is offered by the Chemistry and Physics of Materials Unit (CPMU), Engineering Mechanics Unit (EMU), Theoretical Sciences Unit (TSU) and New Chemistry Unit (NCU).

The candidate should possess B.E/B.Tech/B.S. (4 year) in the areas listed in the above table (relevant to the Unit offering) with a valid GATE score.

1.3 Selection procedure

Candidates are short-listed for an interview based on their performance in the national exam(s) and academic performance. The selection is based on the performance in the interview held in person (in some Units, an aptitude test/preliminary interview may precede the final interview).

2. HOW TO APPLY

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

3. 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. Requests for refund of application fee will not be accepted. Multiple payments, if any, will be refunded after due process.

4. IMPORTANT DATES

Website opens for online submission of applications	16.10.2026
Last date for online submission of applications (website closes at 23:59 hours on 31.10.2026)	31.10.2026
Commencement of session	01.01.2027

Fellowships: All the regular PhD students who join JNCASR are eligible for fellowships from CSIR/UGC/ICMR/DBT/DST, depending upon their mode of entry.

The applicants are advised to visit the website **<http://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/degree-programmes>

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