



Indian Institute of Science (IISc) Bangalore-560012 (India)
भारतीय विज्ञान संस्थान बैंगलोर- 560012 (भारत)
वेबसाइट/ Website: www.iisc.ac.in

No.: IISc/Acad/Admission/2025/01

Date: 30.01.2025

Admission Notice for U.G/P. G. / Ph. D.
Programmes for the Academic Year 2025-26
(Session starting from August 2025)

Applications are invited from eligible applicants for admission to regular **(1)** Research Programmes [Ph D/M Tech (Research)]; **(2)** External Registration Programme (ERP) [Ph D/M Tech (Research)] **(3)** Course Programmes in Engineering [M Tech/M Des/M Mgt/M. Tech through CFTI Mode/Joint M. Tech/ 1-Year M. Engg/ M. Tech/M. Des. for Sponsored candidates (Govt & PSU)]; **(4)** Course Programmes in Science [M Sc in Life Sciences/ M Sc in Chemical Sciences]; **(5)** Integrated Ph D Programmes; **(6)** B.Tech in Mathematics & Computing; and **(7)** Four-year BS. (Research)].

Applicants are advised to go through the eligibility criteria, specializations, areas of research, selection procedure, and other details available at separate links on the IISc website (i.e. <https://www.iisc.ac.in> → Admissions → Programmes).

Applicants possessing the educational qualification 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 dissertation, viva-voce, etc.) by **31 July 2025**, and can furnish the necessary certificates on or before **31 October 2025** are eligible to apply.

1. RESEARCH PROGRAMMES [Ph D/M Tech (Research)]

1.1 Department /Centre/ Unit

Ph D in Science Faculty*: Astronomy & Astrophysics, Biochemistry, Ecological Sciences, High Energy Physics, Inorganic & Physical Chemistry, Materials Research, Mathematics, Microbiology & Cell Biology, Molecular Biophysics, Developmental Biology and Genetics, Neurosciences, Organic Chemistry, Physics, and Solid State & Structural Chemistry, Instrumentation and Applied Physics (PhD & M Tech (Research))

M. Tech (Research) and Ph D in Engineering Faculty: Aerospace Engineering, Atmospheric & Oceanic Sciences, Chemical Engineering, Civil Engineering, Computer Science & Automation, Earth Sciences, Electrical Communication Engineering, Electrical Engineering, Electronic Systems Engineering, Management Studies (Ph.D only), Materials Engineering, Mechanical Engineering, Nano Science and Engineering (Ph.D only), Design & Manufacturing, Sustainable Technologies, and Computational & Data Sciences.

Ph.D in Interdisciplinary areas*: Bioengineering (offered by Department of Bioengineering), Energy (offered by Interdisciplinary Centre for Energy Research) (PhD & M Tech(Research)),

Mathematical Sciences (offered by IISc Mathematics Initiative), Water Research (offered by Interdisciplinary Centre for Water Research), Cyber Physical Systems (offered by Robert Bosch Centre for Cyber Physical Systems) (PhD & M Tech(Research)), Climate Change (offered by Divecha Centre for Climate Change), and Brain, Computation and Data Science.

* M. Tech (Res) is also offered by certain Science Faculty Departments and Interdisciplinary areas; details are mentioned on the [IISc website](#).

1.2 Eligibility: Applicants possessing a minimum of second class or equivalent in the following degrees as applicable to the individual departments/areas are eligible to apply:

Sl. No.	Qualifying degree	Qualifying in national entrance tests (Mode of entry)
1	Bachelor's degree in Engineering/ Technology/ 4-year Bachelor of Science	Valid GATE score / NET JRF* is mandatory
2	Master's degree in Science / Master's degree in Economics, Geography, Psychology, Management, Commerce, Operations Research, Computer Science/ Application	Valid GATE score / NET JRF is mandatory
3	Master's degree in Engineering / Technology / Architecture/ Agriculture / Pharmacy / Veterinary Sciences	Desirable to have a valid GATE score / NET JRF/GPAT.
4	MS/MBA (post BE/B Tech/M Sc) – (applicable for the Departments of Management Studies / Ecological Sciences)	Desirable to have a valid GATE score / NET JRF.
5	Graduates of any course with a minimum duration of FOUR years, from any Centrally Funded Technical Institution (including IITs in PPP mode) with a minimum CGPA of 8 out of 10 or its equivalent.	Desirable to have a valid GATE score / NET JRF.
6	MBBS/MD/MDS/Pharm D	Desirable to have a valid GATE score/NET JRF.
7	B Pharm	Valid GPAT score/ NET JRF is mandatory
8	BDS (Bachelor of Dental Surgery)	Valid NET JRF is mandatory
9.	BE/ B.Tech. equivalent examinations of Professional Societies, recognized by MoE/UPSC/AICTE (e.g. AMIE by Institutions of Engineers). Note: Candidates enrolled up to 31.05.2013 with professional societies (e.g. AMIE) recognized by MoE are only eligible to apply.	Valid GATE score/NET JRF is mandatory
10.	Master's degree in Life Sciences/ Chemical Sciences from IISc with a minimum CGPA of 8.5 or equivalent (for PhD only).	Valid GATE score/NET JRF is mandatory (no minimum cutoff)
11.	1 Year M.Engg from IISc	Must have been admitted to the M.Engg. program through GATE.

Notes

1. The GATE/GPAT/NET JRF/other National entrance test passing certificate/score card should be valid as on 01 August 2025.

2. *NET JRF includes –Joint CSIR-UGC NET for JRF; UGC-NET for JRF; DBT JRF; ICMR JRF; JEST; NBHM Research Award; INSPIRE. **Applicants must be qualified for Junior Research fellowship (JRF) to be eligible to apply through NET JRF mode. Candidates who have qualified only for Lectureship (LS)/Assistant Professorship/qualified under Category-2 or Category-3, are not eligible for admission for Research Programme at IISc.**

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

4. Applicants who have qualified in Joint Graduate Entrance Examination for Biology and Interdisciplinary Life Sciences-2025 (JGEEBILS) are also eligible to apply.

1.3 Selection procedure: Candidates are shortlisted for an in-person interview based on their performance in the National Entrance Test and/or the qualifying degree as detailed in the above table. The selection is based on the performance in the interview (in some of the departments, an aptitude test/ preliminary interview will precede the interview/ final Interview).

2. External Registration Programme [Ph.D/M.Tech (Research)]

ERP is meant for:

- (1) professionals from R&D Organizations / Industries and
- (2) Faculty members from Engineering, Agricultural, Pharmaceutical, Veterinary, Medical Colleges/ Universities, recognized by the appropriate government agencies.

2.1 Eligibility

The educational qualifications remain the same as for the regular candidates. Qualifying in one of the national entrance tests like CSIR-UGC NET for JRF, UGC-NET for JRF, DBT JRF, ICMR JRF, GATE, and NBHM is desirable but not mandatory. Further, the candidate should have completed two years of full-time employment in the current organization after completion of degree. The candidates must be officially sponsored by their employing organizations and compulsorily fill in an online application form and submit the printed version, in duplicate, on or before **07th April 2025**. For the detailed eligibility criteria, please visit [IISc website](#).

2.2 Selection procedure: The selection is based on the performance in the interview.

3. COURSE PROGRAMMES IN ENGINEERING [M Tech/M Des/ M Mgt/ 1 year M.Engg./Joint M.Tech]

3.1 M Tech Programmes

3.1.1. Departments / Disciplines and Selection Procedure

Departments/Disciplines	Selection procedure
Aerospace Engineering, Computer Science and Engineering, Civil Engineering, Materials Engineering, Sustainable Technologies, Semiconductor Technology, Earth and Climate Sciences, Signal Processing.	Based on 100% GATE score
Bioengineering, Electrical Engineering, Electronics and Communication Engineering, Electronic Product Design, Electronic Systems Engineering, Instrumentation Systems, Mechanical Engineering, Microelectronics and VLSI Design, Mobility Engineering, Quantum Technology, Robotics and Autonomous Systems, Smart Manufacturing, Smart Mobility and Logistics Systems.	Based on 70% GATE score + 30% performance in interview
Artificial Intelligence, Chemical Engineering.	Based on 70% GATE score + 30% performance in written test
Computational & Data Sciences	Based on 70% GATE score + 30% performance in written test and interview

3.1.2 Eligibility

Applicants possessing a minimum of Second Class or equivalent in a bachelor's degree in an appropriate field of Engineering/ Technology *or* *B.E./B.Tech./B.Arch. equivalent examinations of Professional Societies, recognized by MoE/UPSC/AICTE (e.g AMIE by Institutions of Engineers). or Master's degree in Physical Sciences, Mathematics, Statistics, Geology, Instrumentation, Electronics, Computer Applications as applicable to individual departments/ programmes with a valid **GATE 2023/ 2024/ 2025 score** are eligible to apply.

Note: *Candidates enrolled up to 31.05.2013 with professional societies (e.g. AMIE) recognized by MoE/UPSC/AICTE are only eligible to apply.

3.1.3 The schedule for M Tech programmes written test/ interview will be given on the IISc website www.iisc.ac.in/admissions under 'Important Dates'.

3.1.4 Common Offer Acceptance Portal (COAP) provides a common platform for the candidate to make the most preferred choice for admission into M.Tech Programmes through GATE in participating institutions (IISc & IITs). Admission offers for M Tech programmes of IISc for all the above disciplines and M.Des. (through GATE) will be made on COAP. Candidates will have to register on COAP and must update the COAP registration number on Applicant's Interface. Please visit the COAP 2025 website to register as per the instructions given therein.

3.1.5 Sponsored candidates from Defence, BARC, DRDO, ISRO, NAL, NTRO, KSRTC, BMTTC, BDA, PWD, CPRI, ACIWRM: Water Resource Dept (WRD) GoK, Ministry of Water Research (MOWR) and Central Water Commission (CWC) under DRIP Project, applying for a course programme under the sponsored category must compulsorily fill an online application form and submit the printed version, in duplicate, on or before **07th April 2025**.

3.2 Master of Design (M Des) programme offered by the Department of Design and Manufacturing

3.2.1 Eligibility: Applicants possessing a minimum of second class in Bachelor's degree in Engineering/Technology/Design/Architecture with valid GATE-2023/2024/2025 or CEED 2025/ CAT 2024 score valid as on 01 August 2025 are eligible to apply.

3.2.2 Selection procedure: Candidates will be shortlisted for an interview based on the GATE/CEED/CAT score/ percentile (as applicable) as per the schedule given on the [IISc website](#) under Important Dates. Selection will be based on 70% GATE/CEED/CAT + 30% performance in the interview. The announcement of the results and issue of admission offers for candidates based on GATE score will be through COAP, and for those based on CEED/ CAT offer letters will be sent directly to the candidates by the Institute through e-mail. The candidates applying through GATE are required to register on COAP as detailed in section 3.1.4

3.3 Master of Management (M Mgt) offered by the Department of Management Studies

3.3.1 Eligibility: Applicants possessing a minimum of first class or equivalent in Bachelor's degree in Engineering / Technology or equivalent with a valid GATE-2023/ 2024/2025 or CAT 2024 or GMAT scores valid as on 01 August 2025 are eligible to apply.

3.3.2 Selection procedure: Candidates will be short-listed for interview based on GATE/CAT/ GMAT scores/ percentile (as applicable) as per the schedule given on the [IISc website](#) under Important Dates. Selection will be based on 15% (GATE / CAT / GMAT score) + 15% UG performance + 30% Communication skill + 40% performance in interview.

3.4 M. Tech Programme through CFTI Mode of Entry

Departments/Disciplines	Selection procedure
Electronics and Communication Engineering, Electronic Product Design, Electronic Systems Engineering, Instrumentation Systems, Quantum Technology, Mechanical Engineering, Robotics and Autonomous Systems	Selection is based on 70% weightage on CAM (Career Analysis Marks) score + 30% performance in the interview
Artificial Intelligence	Selection is based on 70% weightage on CAM score + 30% performance in the written test
Semiconductor Technology	Selection is based on 100% weightage on CAM score
Computational & Data Sciences	Based on 70% CAM score + 30% performance in written test and interview

3.4.1 Eligibility

Graduates of any course with a minimum duration of Four years, from any Centrally Funded Technical Institution with a minimum CGPA of 8.0 out of 10 or its equivalent as applicable to individual departments/ disciplines, are eligible to apply for this programme under CFTI Mode of Entry without qualifying in GATE. The list of CFTIs is available at: <https://iisc.ac.in/admissions/overview/centrally-funded-technical-institute-cfti/>

3.5 Masters in Engineering (M.Engg) Programme in Semiconductor Technology

3.5.1 Eligibility

BE / B Tech or equivalent degree in any discipline (with GATE paper in EC, EE, IN, ME, MT, PH, BM, XE-C) M Sc or equivalent degree in Electronics or Physics (with GATE in EC, IN, PH paper).

OR

Graduates of any course with a minimum duration of Four years, from any Centrally Funded Technical Institution with a minimum CGPA of 8.0 out of 10, are eligible to apply for this programme under the CFTI Mode of Entry without qualifying in GATE. The list of CFTIs is available at: <https://iisc.ac.in/admissions/overview/centrally-funded-technical-institute-cfti/>

3.5.2 Selection Procedure

- 1) For GATE qualified applicants: Selection is based on **100% GATE score**
- 2) For students from CFTIs (Graduates of any course with a minimum duration of 4 years) with CGPA \geq 8.0: Selection is based on **100% weightage on CAM (Career Analysis Marks) score.**

3.6 Joint M. Tech programme in Semiconductor Technology with Taiwanese Universities

3.6.1 Eligibility

- a) Same as IISc's M. Tech in Semiconductor Technology when IISc is the parent institute.

BE / B Tech or equivalent degree in any discipline (with GATE paper in EC, EE, IN, ME, MT, PH, BM, XE-C) M Sc or equivalent degree in Electronics or Physics (with GATE in EC, IN, PH paper).

OR

Graduates of any course with a minimum duration of Four years, from any Centrally Funded Technical Institution with a minimum CGPA of 8.0 out of 10, are eligible to apply for this programme under CFTI Mode of Entry without qualifying in GATE. The list of CFTIs is available at: <https://iisc.ac.in/admissions/overview/centrally-funded-technical-institute-cfti/>

- b) Same as Taiwanese University's criteria when they are the parent institute.

3.6.2 Selection Procedure

- 1) For GATE qualified applicants: Selection is based on **100% GATE score**
- 2) For students from CFTIs (Graduates of any course with a minimum duration of 4 years) with CGPA \geq 8.0: **Selection is based on 100% weightage on CAM (Career Analysis Marks) score.**

4. **COURSE PROGRAMMES IN SCIENCE [M Sc Programme]**

4.1 Eligibility

Disciplines	Educational qualification	Qualifying examination
(1) Life Sciences	<p>A minimum of first class or equivalent in Bachelor's or an equivalent degree in Physical, Chemical or Biological Sciences (including Biotechnology, Pharmaceutical, Veterinary Sciences and Agricultural Sciences)</p> <p style="text-align: center;">OR</p> <p>A minimum of first class or equivalent in BE/B Tech degree.</p>	<p>JAM in Biotechnology (BT) or Chemistry (CY) or Mathematics (MA) or Physics (PH) paper</p> <p style="text-align: center;">OR</p> <p>GATE in Biotechnology (BT), Biomedical Engineering (BM), Electronics Communication Engineering (EC), Ecology (EY), Mathematics (MA), Physics (PH), Life Sciences (XL) Paper</p>
(2) Chemical Sciences	A minimum of first class in B.Sc. or an equivalent degree with Chemistry as one of the main subjects with Mathematics at the PUC or Plus 2 level.	JAM 2025 in Chemistry (CY) Paper

4.2 Selection procedure:

- (1) Life Sciences - Candidates will be short listed for interview based on their JAM 2025/ GATE 2023/ 2024/2025 score. Final selection will be based on performance in the interview.
- (2) Chemical Sciences – Selection will be based on 100% performance in the JAM 2025 in Chemistry (CY) Paper.

5. INTEGRATED Ph.D PROGRAMMES

5.1 Eligibility

Disciplines	Educational qualification	Qualifying examination
Biological Sciences	A minimum of first class or equivalent in Bachelor's or an equivalent degree in Physical, Chemical or Biological Sciences (including Biotechnology, Pharmaceutical, Veterinary Sciences and Agricultural Sciences) or A minimum of first class or equivalent in BE/B Tech degree.	JAM in Biotechnology (BT) or Chemistry (CY) or Mathematics (MA) or Physics (PH)
Chemical Sciences	A minimum of first class in B.Sc. or an equivalent degree with Chemistry as one of the main subjects with Mathematics at the PUC or Plus 2 level.	JAM in Chemistry (CY) or Physics (PH)
Mathematical Sciences	A minimum of first class or equivalent in B Sc or equivalent degree with Mathematics as one of the subjects or BE/BTech or equivalent degree.	JAM in Mathematics (MA) or Mathematical Statistics (MS)
Physical Sciences	A minimum of first class or equivalent in B.Sc. or an equivalent degree with Physics as one of the main subjects or BE/B Tech or equivalent in any discipline.	JAM in Physics (PH) or JEST

5.2 Selection procedure:

The shortlisting of candidates for interviews will be based on the performance in JAM 2025. Shortlisting for Physical Sciences is also done based on JEST 2025 score.

The selection will be based on the performance in the Interview/ combined performance in the JAM/JEST (as applicable) and in the Interview as specified by the programme.

6. B Tech Programme in Mathematics & Computing

6.1 Eligibility

The candidates should have appeared for the class XII (or equivalent) examination for the first time in either 2023,2024 or 2025, where Physics, Chemistry and Mathematics are compulsory subjects in the first appearance. In addition, they must satisfy at least one of the following:

1. Must have passed and secured at least 75% aggregate marks in the Class XII (or equivalent) Board examination. The aggregate marks for SC, ST and PwD candidates should be at least 65%.
2. Must be within the category-wise top 20 percentile of successful candidates in their respective Class XII (or equivalent) board examination.

The marks scored in the following five subjects will be considered for calculating the aggregate and cut-off marks for fulfilling the top 20 percentile criterion.

- i. Physics
- ii. Chemistry
- iii. Mathematics
- iv. A language (if the candidate has taken more than one language, then the language with the higher marks will be considered)
- v. Any subject other than the above four (the subject with the highest marks will be considered).

6.2 Selection procedure:

Selection will be based on the JEE (Advanced) 2025 Ranks.

7. Four-Year Bachelor of Science (Research) Programme

7.1 Eligibility

- a. Candidates who have completed their 10+2 (or equivalent) examination in 2023,2024 OR those who are expecting to complete their 10+2 (or equivalent) examination in 2025.
- b. The candidates must have studied **Physics, Chemistry and Mathematics** as main subjects in their qualifying exam along with any other subjects.
- c. The candidates must have secured a first- class or 60% or equivalent grade (relaxed to pass class for SC/ST candidates) in the qualifying examination (i.e., 10+2 or equivalent)

7.2 Selection Procedure:

Selection will be based on the merit list of one of the following national examinations.

1. JEE(Advanced)-2025
2. IISER Aptitude Test (IAT) 2025

Note: Candidate must be qualified in any one of the exams mentioned above, and the exam result must be valid as of 01 August 2025.

Note: Candidates must apply directly on the IISc admissions portal for all the above Modes of Entry.

HOW TO APPLY?

Applications for all the programmes mentioned above are available **online**. To apply online visit **www.iisc.ac.in** → Admissions → Apply Online → Online Admissions portal.

IMPORTANT DATES

Particulars	Programme	Date
Website opens for online submission of applications	<ul style="list-style-type: none"> ▪ Research ▪ PG Course Programmes ▪ Integrated PhD ▪ Sponsored & ERP 	04.02.2025
	<ul style="list-style-type: none"> ▪ BS (Res.) ▪ B Tech. 	01.05.2025
Last date for online submission of applications (website closes at 23:59)	<ul style="list-style-type: none"> ▪ Research ▪ PG Course Programmes ▪ Integrated PhD 	23.03.2025
	<ul style="list-style-type: none"> ▪ Sponsored & ERP 	31.03.2025
	<ul style="list-style-type: none"> ▪ BS (Res.) ▪ B Tech. 	06.06.2025

APPLICATION FEE

Category	Application Fee*
Research/ PG Programmes:	
General / OBC / EWS	Rs. 800
SC / ST / PwD	Rs. 400
ERP candidates (all categories)	Rs. 2000
Sponsored candidates from organizations mentioned above (as per para 3.1.5)	Rs. 800
UG Programmes:	
General / OBC / EWS	Rs. 500
SC / ST / PwD	Rs. 250
*The fee is non-refundable; any bank or payment gateway service charges must be borne by the applicant.	
Payment options: Online payment through net banking, debit card, credit card, and UPI.	

For recent updates, please visit IISc website (<https://iisc.ac.in/admissions/>)

Notes:

1. Reservation/concession/relaxations for SC/ST/OBC/EWS/Person with disability (PwD) and Kashmiri-Migrant (KM), Kashmiri Pandits/ Kashmiri Hindu Families (Non-Migrants) living in the Kashmir valley: As per Government of India regulations.
2. The minimum class prescribed in the qualifying examination is relaxed to a "Pass Class" for SC/ST candidates.
3. Applicants who have applied before the declaration of results must log in and update score/rank details within 03 days after the result announcement.
4. Applicants applying under EWS/OBC (as per central list of OBC available at www.ncbc.nic.in) category must ensure that they are in possession of valid EWS/OBC-NCL Certificates issued on or after 1 April 2025 (i. e. FY: 2025-26) at the time of interview/ by 30 June 2025 (whichever is earlier).
5. Scholarships: All the regular PG/PhD students (except for M Sc/ M.Mgt/M.Tech through CFTI Mode/Joint M. Tech in Semiconductor Technology/ M. Engg) who join the Institute are eligible for scholarships from MHRD/CSIR/UGC/ICMR/DBT/DST/AICTE/DAE (NBHM) depending upon their mode of entry. Scholarships from many Indian and multinational agencies and business houses are also available for meritorious students.
6. All the students who join the Institute for 4-Year BS(Res) programme are eligible for a scholarship from the INSPIRE/IISc Promotional Scheme (IIScP), depending upon their entry mode. Scholarships from many Indian and multinational agencies and business houses are also available for meritorious students. The scholarship amount may vary for different scholarship agencies as per norms.
7. IISc has many merit-based private/donor fellowships that provide enhanced monthly fellowship (upto two times) for course (M.Tech.) and Research (M.Tech. (Research)/Ph.D.) programs of IISc. Further details including entitlements can be accessed here: <https://odaa.iisc.ac.in/fellowships-consolidated/>.
8. There is provision for supernumerary seats for woman candidates in various programs and details are available at www.iisc.ac.in/admissions.
9. The applicants are advised to visit the website www.iisc.ac.in/admissions and admission portal regularly for admission related updates. All further updates shall be published/updated only on IISc website/admission portal. Applicants are also advised to regularly visit the department website to which they are applying to familiarize themselves with complete admission related matters, areas of study/ research, etc.

REGISTRAR
