# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

An Institute of National Importance
(Autonomous Institution under MOE, Govt. of India &
Department of Information Technology & Electronics, Govt. of West Bengal)
WEBEL IT Park, Opposite of Kalyani Water Treatment Plant
Near Buddha Park, Dist. Nadia, P.O. Kalyani - 741235, West Bengal


**F.No. IIITK/Acad/PhD/2025/7483** **Date: 24.12.2025**

## NOTIFICATION

**Subject: Screening Report for PhD Admission Test and Interview for Spring Semester 2025-2026)-reg.**

Ref. Advt. No.: IIITK/Acad/PhD/2025/19, Date: 13.11.2025

With reference to the subject cited above, the provisional list of shortlisted and not shortlisted candidates for admission to the Ph.D. programme at IIIT Kalyani is appended herewith for the information of all candidates, as per the prescribed shortlisting criteria. The shortlisted candidates are hereby called to appear for the written test and interview.

**Shortlisting Criteria:**

**ECE:**

1. At least 60% marks in Class X and XII Board with exemption in one of them (but should have at least 55% in that).
2. ME/M.Tech in ECE/CSE and other allied discipline with minimum 60% marks (or 6.5/10 CGPA) in both BE/B.Tech and ME/M.Tech.
3. Candidates with only BE/B.Tech (no postgraduate degree) in ECE/CSE/other allied discipline with minimum 70% marks (or CGPA of 7.5/10.0) and GATE/NET qualification.
4. 5% relaxation in marks/grade will be provided for candidates applying under SC/ST/OBC/PwD/EWS categories.

**CSE:**

1. At least 60% marks in Class X and XII Board with exemption in one of them (but should have at least 55% in that).
2. ME/M.Tech in CSE/ECE and other allied discipline with minimum 60% marks (or 6.5/10 CGPA) in both BE/B.Tech and ME/M.Tech.
3. Candidates with only BE/B.Tech (no postgraduate degree) in CSE/ECE/other allied discipline with minimum 70% marks (or CGPA of 7.5/10.0) and GATE/NET qualification.
4. 5% relaxation in marks/grade will be provided for candidates applying under SC/ST/OBC/PwD/EWS categories.

**Science (Mathematics):**

1. At least 60% marks in Class X and XII Board with exemption in one of them (but should have at least 55% in that).
2. Master degree in Science with minimum 60% marks (CGPA of 6.5 out of 10) and GATE/NET qualification.
3. 5% relaxation in marks/grade will be provided for candidates applying under SC/ST/OBC/PwD/EWS categories.

**The written test and interview will be held as per the schedule given below.**

Admission Test (written) for CSE, ECE & Mathematics (all categories): **02.01.2026**
Interview for CSE, ECE and Mathematics (all categories): **02.01.2026**
**Venue:** IIIT Kalyani Campus (Webel IT Park, Near Buddha Park, Kalyani, Nadia, West Bengal-741235)
**Reporting Time:** 10:00 AM (Room G-02)
**Written Test:** 10:15 AM – 11:45 AM
**Result Announcement:** 12:45 PM
**Interview:** 02:00 PM onwards **(02.01.2026)**

**List of Candidates**

**Computer Science and Engineering (CSE)**

[Shortlisted: 18, Rejected: 09]

| Sl. No. | Name | Application Category | Category | Shortlisted/Not Shortlisted | Remarks |
|---|---|---|---|---|---|
| 1 | ANUMITA BHATTACHARYYA | Teaching Assistant | General | Shortlisted | |
| 2 | BARUN KUMAR SEN | Teaching Assistant | General | Shortlisted | |
| 3 | DIBITA ROY | Teaching Assistant | General | Shortlisted | |
| 4 | JAYASHREE DAS | Teaching Assistant | General | Shortlisted | |
| 5 | LOPAMUDRA DUTTA | Teaching Assistant | General | Shortlisted | |
| 6 | PRITAM PAUL | Teaching Assistant | OBC (Non-creamy layer) | Shortlisted | |
| 7 | ROHIT BAHADUR | Teaching Assistant | General | Shortlisted | |
| 8 | RUMANA SULTANA NAZIR | Teaching Assistant | General | Shortlisted | |
| 9 | SONALI BHOWMIK | Teaching Assistant | General | Shortlisted | |
| 10 | BASANTI BHATTACHARYYA | Part time | General | Shortlisted | |
| 11 | DEBJYOTI ADHIKARI | Part time | General | Shortlisted | |
| 12 | EKLABYA KUMAR | Part time | SC | Shortlisted | |
| 13 | MADHABI GHOSH BERA | Part time | OBC (Non-creamy layer) | Shortlisted | |
| 14 | NIBEDITA MITRA | Part-time | General | Shortlisted | |
| 15 | NEIL BARUWATI | Part time | General | Shortlisted | |
| 16 | SHOUVIK BAJPAYEE | Part time | General | Shortlisted | |
| 17 | SHUBHAJIT SEN | Part time | General | Shortlisted | |
| 18 | SOUVIK DAS | Project Staff | General | Shortlisted | |
| 19 | AKASH GHOSH | Teaching Assistant | OBC (Non-creamy layer) | Not Shortlisted | Highest qualification MCA, No GATE/NET |
| 20 | PIYALI NANDI | Teaching Assistant | OBC (Non-creamy layer) | Not Shortlisted | Marks less than 60% in both 10th and 12th |
| 21 | ROOSE ROY CHOWDHURY | Teaching Assistant | General | Not Shortlisted | Marks less than 60% in both 10th and 12th |
| 22 | SOUMYA KANTI PRAMANIK | Teaching Assistant | General | Not Shortlisted | Marks less than 55% in 10th |
| 23 | SUBIR CHAKRABORTY | Teaching Assistant | General | Not Shortlisted | CGPA less than 6.5 in B.E./B.Tech. |
| 24 | RAJ | Part time | General | Not Shortlisted | Google form filled but applications (hardcopy/softcopy) not received, Less than two years of professional experience |
| 25 | RISHOV SAHA | Part time | General | Not Shortlisted | Less than two years of professional experience |
| 26 | SOUMYA CHAKRAVARTY | Part time | General | Not Shortlisted | Highest qualification MCA, No GATE/NET |
| 27 | SHAMAYEL WARSI | Other Fellowship | OBC (Non-creamy layer) | Not Shortlisted | Highest qualification MCA, No GATE/NET |

**Electronics and Communication Engineering (ECE)**

[Shortlisted: 05, Rejected: 00]

| Sl. No. | Name | Application Category | Category | Shortlisted/Not Shortlisted | Remarks |
|---|---|---|---|---|---|
| 1 | SAYAN GUPTA | Teaching Assistant | General | Shortlisted | |
| 2 | SONALI BHOWMIK | Teaching Assistant | General | Shortlisted | |
| 3 | ANIRBAN GHOSAL | Part time | General | Shortlisted | |
| 4 | KISHAN SINGH | Part time | General | Shortlisted | |
| 5 | SUCHISMITA DAS | Other Fellowship | General | Shortlisted | |

**Mathematics**

[Shortlisted: 04, Rejected: 00]

| Sl. No | Name | Application Category | Category | Shortlisted/Not Shortlisted | Remarks |
|---|---|---|---|---|---|
| 1 | AHANA GHOSH | Teaching Assistant | General | Shortlisted | |
| 2 | RITAM BHATTACHARJEE | Teaching Assistant | General | Shortlisted | Hardcopy not received |
| 3 | SOUMYAJIT RAHA | Teaching Assistant | General | Shortlisted | |
| 4 | PRIYA RANA | Other Fellowship | OBC (Non-creamy layer) | Shortlisted | |

**Note:**

1. Candidate should produce NOC from employer (for part-time category) if he/she has not submitted it with application form.
2. Candidate should bring original mark sheets, certificates and related documents.
3. Candidate should bring any photo ID card on the day of admission test and interview.

**Syllabus for Ph.D. Admission: written test (CSE)**

Question Pattern: MCQ based problem solving (except English writing)

1. English writing and communication skill
2. Mathematics: Probability and statistics, Linear Algebra, Discrete Mathematics
3. C-Programming Skill
4. Data Structure and Algorithms
5. Formal Languages and Automata Theory
6. Operating Systems
7. Computer Organization and Architecture
8. Database Management System
9. Computer Networks

**Syllabus for Ph.D. Admission: written test (ECE)**

Question Pattern: MCQ based problem solving (except English writing)

1. English writing and communication skill
2. Mathematics: Probability and statistics, Linear algebra, Differential calculus
3. C-Programming Skill
4. Analog and Digital Electronics
5. Solid State Device and Basic Electronics
6. Analog and Digital Communication
7. Circuit Theory and OPAMP
8. Control Systems and Basic/Analog Electronics

**Syllabus for Ph.D. Admission: written test (Mathematics)**

Question Pattern: MCQ based problem solving (except English writing)

1. English writing and communication skill
2. Mathematics: Elasticity, Linear Algebra, Linear Integral Equations, Ordinary Differential Equations, Partial Differential Equations.

**Elasticity:**

Analysis of strain and stress, strain and stress tensors; Geomatrical representation; Compatibility conditions; Strain energy function; Constitutive relations; Elastic solids Hookes law; Saint-Venant's principle, Equations of equilibrium; Plane problems-Airy's stress function, vibrations of elastic, cylindrical and spherical media.

**Linear Algebra:**

Finite dimensional vector spaces; Linear transformations and their matrix representations, rank; systems of linear equations, eigenvalues and eigenvectors, minimal polynomial, Cayley-Hamilton Theorem, diagonalization, Jordan-canonical form, Hermitian, Skew- Hermitian and unitary matrices; Finite dimensional inner product spaces, Gram-Schmidt orthonormalization process, self-adjoint operators, definite forms.

**Linear Integral Equations:**

Linear integral equation of the first and second kind of Fredholm and Volterra type, Solutions with separable kernels. Characteristic numbers and eigen functions, resolvent kernel.

**Ordinary Differential Equations:**

First order ordinary differential equations, existence and uniqueness theorems for initial value problems, systems of linear first order ordinary differential equations, linear ordinary differential equations of higher order with constant coefficients; linear second order ordinary differential equations with variable coefficients; method of Laplace transforms for solving ordinary differential equations, series solutions; Legendre and Bessel functions and their orthogonal properties.

**Partial Differential Equations:**

Linear and quasilinear first order partial differential equations, method of characteristics; second order linear equations in two variables and their classification; Cauchy, Dirichlet and Neumann problems; solutions of Laplace, wave in two dimensional Cartesian coordinates, Interior and exterior Dirichlet problems in polar coordinates; Separation of variables method for solving wave and diffusion equations in one space variable; Fourier series and Fourier transform and Laplace transform methods of solutions for the above equations.

KAOUSHIK K MUKHERJEE

Digitally signed by KAOUSHIK K MUKHERJEE
Date: 2025.12.24 12:34:22 +05'30'

**Registrar**
**IIIT Kalyani**