

Indian Institute of Information Technology Kalyani

Screening Report for PhD Admission Test and Interview

(PhD Admission - Autumn Semester 2026-2027)

Ref. Advt. No. IIITK/Acad/PhD/2026/04, Date: 06.06.2026

Date: 03.07.2026

With respect to the Advt. No. IIITK/Acad/PhD/2026/04, Date: 06.06.2026 for PhD admission (Autumn 2026-27), we received 40 applications (CSE: 27, ECE: 09, Mathematics: 04). Out of 40 applications, 24 from CSE, 08 from ECE, 04 from Mathematics are shortlisted for the written test and interview. The shortlisting criteria and the list of candidates are given below.

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 50% in that.
2. ME/M.Tech in ECE/CSE and other allied discipline: with minimum 60% marks (or CGPA 6.5/10.0) in both BE/B.Tech or equivalent and ME/M.Tech.
3. Candidates with only B.E./B.Tech or Equivalent degree in ECE/CSE/other allied discipline with minimum 70% marks (or CGPA 7.5/10.0) and GATE/NET qualification.
4. Relaxation: 5% relaxation in marks/grade to be provided for candidates applying under SC/ST/PwD categories.

CSE:

1. At least 60% marks in Class X and XII Board with exemption in one of them but should have at least 50% in that.
2. ME/M.Tech in CSE/ECE and other allied discipline: with minimum 60% marks (or CGPA 6.5/10.0) in both BE/B.Tech or equivalent and ME/M.Tech.
3. Candidates with only B.E./B.Tech or Equivalent degree in CSE/ECE/other allied discipline with minimum 70% marks (or CGPA 7.5/10.0) and GATE/NET qualification.
4. Relaxation: 5% relaxation in marks/grade to be provided for candidates applying under SC/ST/PwD 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 50% in that.
2. Master degree in Science with minimum 60% marks (or CGPA 6.5/10.0) and GATE/NET qualification.
3. Relaxation: 5% relaxation in marks/grade will be provided for candidates applying under SC/ST/PwD categories.

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

Admission Test (written) for CSE, ECE & Mathematics (all categories): **09.07.2026**

Interview for CSE, ECE and Mathematics (all categories): **09.07.2026**

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 (**09.07.2026**)

List of Candidates

Computer Science and Engineering (CSE)

[Number of Applications: 27, Shortlisted: 24, Rejected: 03]

Sl. No.	Name	Application Category	Category	Shortlisted/Not Shortlisted	Remarks
1	SUCHARITA DAS	Part-Time	General	Shortlisted	
2	ASIM SARKAR	Teaching Assistant	SC	Shortlisted	
3	ARINDAM MALLIK	Part-Time	General	Shortlisted	
4	BASUDEB SAHA	Teaching Assistant	General	Shortlisted	
5	ROHIT BAHADUR	Teaching Assistant	General	Shortlisted	
6	BARUN KUMAR SEN	Part-Time	General	Shortlisted	
7	WRITI BASU	Teaching Assistant	General	Shortlisted	
8	KOUSHIK KUMAR DINDA	Teaching Assistant	General	Shortlisted	
9	ABHIJIT MALLICK	Teaching Assistant	EWS	Shortlisted	
10	SOUMOJIT ROY	Part-Time	General	Shortlisted	
11	ARIJITA SANTRA	Teaching Assistant	SC	Shortlisted	
12	RANJIT HALDAR	Project Staff	SC	Shortlisted	
13	SAKIL MONDAL	Teaching Assistant	General	Shortlisted	
14	SUMIT GHOSH ROY	Teaching Assistant	OBC (NCL)	Shortlisted	
15	AVIJIT MAITY	Project Staff	SC	Shortlisted	
16	SUNAM SAHA	Part-Time	General	Shortlisted	
17	SAURAV BISWAS	Teaching Assistant	SC	Shortlisted	
18	SK MINHAZ UDDIN	Part-Time	General	Shortlisted	
19	PAPRI GHOSH	Part-Time	General	Shortlisted	
20	PRASUN GHOSH	Teaching Assistant	General	Shortlisted	
21	RAJA BISWAS	Teaching Assistant	SC	Shortlisted	
22	SHEPHALIKA	Teaching Assistant	General	Shortlisted	
23	ROUNAK SAU	Other Fellowship	EWS	Shortlisted	
24	SOUMYADEEP DEB	Teaching Assistant	General	Shortlisted	
25	MAHABUB MALLIK	Teaching Assistant	OBC (NCL)	Not Shortlisted	Highest qualification MSc, No GATE/NET
26	SANTANU BERA	Part-Time	General	Not Shortlisted	Marks less than 50% in 10th
27	SOUMYA KANTI PRAMANIK	Part-Time	General	Not Shortlisted	Marks less than 50% in 10th

Electronics and Communication Engineering (ECE)

[Number of Applications: 09, Shortlisted: 08, Rejected: 01]

Sl. No.	Name	Application Category	Category	Shortlisted/Not Shortlisted	Remarks
1	AMIT DEBNATH	Teaching Assistant	General	Shortlisted	
2	PALLABI DAS	Teaching Assistant	SC	Shortlisted	
3	UMAPADA MANDAL	Part-Time	General	Shortlisted	
4	AFTAB ANWAR	Teaching Assistant	OBC (NCL)	Shortlisted	
5	SAYANTIKA BISWAS	Teaching Assistant	OBC (NCL)	Shortlisted	
6	ASHA KUMARI	Teaching Assistant	OBC (NCL)	Shortlisted	
7	MILAN SASMAL	Part-Time	General	Shortlisted	
8	KARTIK PRASAD	Teaching Assistant	OBC (NCL)	Shortlisted	
9	DEBAYAN PAUL	Teaching Assistant	General	Not Shortlisted	Marks less than 50% in 10th

Mathematics

[Number of Applications: 04, Shortlisted: 04, Rejected: 00]

Sl. No	Name	Application Category	Category	Shortlisted/Not Shortlisted	Remarks
1	SAYAN GHOSH	Teaching Assistant	General	Shortlisted	
2	BHASWATI BHUNIA	Other Fellowship	SC	Shortlisted	
3	SUMAN KUILYA	Teaching Assistant	General	Shortlisted	
4	BINEETA PRAMANIK	Teaching Assistant	General	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.

Registrar, IIT Kalyani

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; Geometrical 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.