

Special Drive for MS (By Research) and PhD Admissions in SC/ST categories (February 2025)

1. Important Dates

Advertisement to Appear	13th of February, 2025
Application Portal Opens	13th of February, 2025
Last date for submission of application online	28th of February, 2025
Shortlist to appear	On or before the 07th of March, 2025
Interview dates	Between the 10th and 20th of March, 2025 (Online/ Offline)
Selection list to appear	Before the 25th of March, 2025
Date of Joining	07th of April, 2025

2. Application

The candidates have to apply to a Department/Centre through the application portal.

3. Research Areas Available for MS (by Research) and PhD Admissions

Department / Centre	Research Areas for MS (by Research)	Research Areas for PhD
Biological Science and Engineering	-	1) Host-virus interaction 2) Protein Design 3) RNA Biology 4) Immunology
Civil Engineering	1) Geotechnical Engineering 2) Construction Materials 3) Structural Engineering	1) Structural Engineering
Chemistry	-	1) Main Group Chemistry 2) Theoretical Chemistry

Computer Science and Engineering	1) Theoretical Computer Science (Algorithms)	1) Theoretical Computer Science (Algorithms)
Data Science	1) Statistical Inference & Learning 2) Distributed Storage/Computation 3) Quantum Error-Correction 4) Mitigating Bias in AI tools 5) Machine learning for Mechanism Design 6) Machine learning 7) Deep learning	1) Statistical Inference & Learning 2) Distributed Storage/Computation 3) Quantum Error-Correction 4) Mitigating Bias in AI tools 5) Machine learning for Mechanism Design 6) Machine learning 7) Deep learning
Electrical Engineering	1) Power Electronics and Power Systems 2) Nanoelectronics, Optoelectronics, Semiconductor Devices 3) Control and Robotics 4) Sensors, Measurements and Instrumentation 5) Communication Engineering	1) Power Electronics and Power Systems 2) Nanoelectronics, Optoelectronics, Semiconductor Devices 3) Control and Robotics 4) Sensors, Measurements and Instrumentation 5) Communication Engineering 6) RF and Microwave Integrated Circuits, Antennas and Radar
ESSENCE	1) Crop Modeling	1) Crop Modeling
Humanities and Social Sciences	-	1) Public Policy 2) Urban Studies 3) Human Geography
Mathematics	-	-
Mechanical Engineering	1) Thermo-fluids Engineering 2) Solid Mechanics and Design 3) Materials & Manufacturing Engineering	1) Thermo-fluids Engineering 2) Solid Mechanics and Design 3) Materials & Manufacturing Engineering
Physics	-	1) Physics(All areas)

4. Financial Assistance

Financial assistance will be as per the extant norms of the Ministry of Education, Govt of India. Fulltime Scholars admitted to the MS (by Research)/PhD programme are eligible for the Half-time Teaching/Research Assistantship (HTRA) for which:

1. They should work for 8-10 hours per week for the Institute to earn this assistantship. The work would normally involve assistance in teaching/research, and will be assigned by the Institute.

2. Renewal of assistantship every semester will be contingent on enrolment, satisfactory progress in research work and good performance during the preceding semester in the discharge of responsibility as teaching/ research assistant.

Other fellowships such as UGC- JRF, CSIR-JRF, ICMR, ICAR & AICTE etc. may also be available for those who have qualified for these schemes and get admission and the amount of fellowship will be as per the norms of the funding agency.

5. Minimum Eligibility Qualifications

5.1. MS (By Research)

The minimum educational qualifications for admission to the MS (By Research) degree are as follows:

1. Candidates with a four year Bachelor's degree in Engineering/Technology/Sciences/Architecture/Planning or a Master's degree in sciences with a valid GATE score in relevant discipline.
2. Candidates with a good academic record, having memberships in professional bodies, approved by the MoE/UGC/AICTE, are also eligible for admission to the MS (by Research) programme of their parent discipline provided they have a valid GATE score and have passed both part A and part B of the membership examinations.
3. Candidates who have qualified for the award of four year Bachelor's degree in Engineering/Technology/Sciences/Architecture/Planning from a Centrally Funded Technical Institute (CFTI) with an exceptionally good academic record in an eligible discipline provided he/she has a minimum CGPA of 8.0 (7.5 for OBC- NCL/GEN-EWS and 7.0 for SC/ST/PwD) on a 10.0 point scale.
4. Candidates with a four year Bachelor's degree in Engineering/Technology/Sciences or a Master's degree in sciences are eligible to apply for MS "Project-NHTRA" category and will be funded by a project administered via ICSR. The candidate applying under this category does not need to have a valid GATE score to pursue MS, provided the funding agency for the project has no requirement of GATE for hiring of staff under the project. Such candidates are not eligible for HTRA funding under any circumstance.

5.2. PhD

The minimum educational qualifications for admission to the PhD programme of the Institute are as follows:

PhD in Engineering

1. Candidates with a Master's degree in Engineering/Technology/Architecture/Planning or a Master's degree by Research in Engineering/Technology/Architecture/Planning with a good academic record.
2. Candidates with Master's degree in Sciences with a good academic record and of exceptional merit are eligible for the relevant Engineering discipline. They should have a

valid GATE score or CSIR-UGC NET (all categories)/ NBHM or equivalent qualification in the relevant area tenable for the year of registration.

3. Candidates who have qualified for the award of four year Bachelor's degree in Engineering/Technology/Sciences with an exceptionally good academic record and valid GATE score in an eligible discipline will be considered for direct admission to PhD.
4. Candidates who have qualified for the award of four year Bachelor's or integrated Master's degree in Engineering/Technology/Sciences/Architecture/Planning from a Centrally Funded Technical Institute (CFTI) or 2 year M. Sc from CFTIs (entry through JAM only) with an exceptionally good academic record in an eligible discipline provided he/she has a minimum CGPA of 8 (7.5 for OBC-NCL/GEN-EWS and 7.0 for SC/ST/PwD) on a 10.0 point scale.

PhD in Sciences

1. Master's degree in Sciences/Medical /Pharma/Veterinary Sciences/Allied Health Sciences with good academic record and valid GATE score or CSIR-UGC NET (all categories)/NBHM/INSPIRE/ICMR/JEST or other similar National Level Fellowships or equivalent qualification tenable for the year of registration in the relevant area.
2. Candidates who have qualified for the award of four year Bachelor's degree in Engineering/Technology/Sciences/Architecture/Planning with an exceptionally good academic record and valid GATE score in an eligible discipline will be considered for direct admission to PhD
3. Candidates who have qualified for the award of four year Bachelor's or integrated Master's degree in Engineering/Technology/Sciences/Architecture/Planning from a Centrally Funded Technical Institute (CFTI) or 2 year M. Sc from CFTIs (entry through JAM only) with an exceptionally good academic record in an eligible discipline provided he/she has a minimum CGPA of 8 (7.5 for OBC-NCL/GEN-EWS and 7.0 for SC/ST/PwD) on a 10.0 point scale.
4. Candidates with a Master's degree in Engineering/Technology/Architecture/Planning or a Master's degree (by Research) in Engineering/Technology/Architecture/Planning with a good academic record.

PhD in Humanities and Social Sciences

1. Master's degree in Humanities with good academic record and valid GATE score or CSIR-UGC NET (all categories) or other similar National Level Fellowships or equivalent qualification tenable for the current financial year in the relevant area.
2. Master's degree in Sciences with exceptionally good academic record with a valid GATE score.
3. Candidates who have qualified for the award of four year Bachelor' degree in Engineering/Technology/Sciences/Architecture/Planning/Humanities and Social Sciences with an exceptionally good academic record and a valid GATE score will be considered for direct admission to PhD
4. Candidates who have qualified for the award of four year Bachelor's or integrated Master's degree in Engineering/Technology/Sciences/Architecture/Planning/ Humanities and Social Sciences from a Centrally Funded Technical Institute (CFTI) or 2

year M. Sc from CFTIs (entry through JAM only) with an exceptionally good academic record in an eligible discipline provided he/she has a minimum CGPA of 8 (7.5 for OBC-NCL/GEN-EWS and 7.0 for SC/ST/PwD) on a 10.0 point scale.

5. Candidates with a Master's degree in Engineering/Technology/Architecture/Planning or a Master's degree (by Research) in Engineering/Technology/Architecture/Planning with a good academic record.

6. Selection Procedure

Eligible candidates possessing the minimum educational qualifications (as given in section 4) and satisfying additional and stiffer criteria set from time to time, will be called for an interview and/or test by the Selection Committee.

All the applicants are required to upload a statement of purpose (SoP) in support of their application in pdf format in the research admission portal.

1. SoP should list research areas in the order of preference.
2. SoP should not exceed 500 words.
3. SoP should be submitted in pdf format.

Based on the academic records and the performance of the candidates in the interview and/or test, the Selection Committee will recommend to the Chairperson, Senate the names of candidates found suitable for admission.

Please note that the SC/ST candidates can apply to all available research areas of a Department.

7. Interview

Departments/Centres will communicate the details about the interviews and written test, if any, to the shortlisted candidates.

8. Reservation of Seats

Reservations are applicable to SC/ST/OBC-NCL/GEN-EWS/PwD candidates as per the extant rules of the Govt. of India.

9. Verification of Certificates

Candidates joining a PhD programme have to submit their original mark/grade sheets along with provisional certificates at the time of admission. They should also produce their required degree certificate for having passed the qualifying examination latest by the 31st of July 2025.

The candidate should submit the following original documents for verification at the time of interview/admission:

1. Printed copy of application submitted.
2. Offer of admission.
3. Aadhar No.
4. First page of SSLC/SSC/Matriculation certificate
5. Degree certificate/Provisional/Course completion certificate / Grade Cards/Mark sheets of all semesters beginning from first degree towards proof of qualification.
6. Original GATE Score Card/UGC-JRF/CSIR-JRF/DAE-JEST/CSIR-UGC NET (all categories) or other fellowship award letter.
7. Copy of GATE score or UGC - JRF/NET/CSIR/ DAE-JEST or other fellowship award.
8. Project coordinators certificate in the prescribed format and a copy of project appointment letter in the case of Project Associate if already appointed.
9. SC/ST/OBC-NCL community certificate for the candidate belonging to SC/ST/ OBC-NCL category issued by the respective State Government.
10. Authorized Doctors Certificate with disability descriptions in the case of Person with Disabled (PwD) candidates.
11. Relieving order/Resignation acceptance letter from the employer in the case of full time candidates, if employed except candidates selected under IITPKD Staff scheme.

Original documents shown through the DigiLocker of the candidates is also acceptable.

Sleeper class TA for journey by train from the station nearest to your residence to Palakkad and back will be reimbursed to candidates who appear for test/interview. Please bring the tickets for claiming the same. You will also need to provide your bank account details to which the reimbursement can be made.

Institute has limited hostel facilities (only cots and no beddings) on campus for the applicants, which will be allotted on first-request first-serve basis.

10. Fees, Deposits and Refund Policy

Fees and Deposits(For Odd Semester 2024-25)

S. No.	Particulars	MS	PhD
A. ONE TIME FEES			
1	Admission Fee	300	300
2	Grade Card / Thesis Fee	500	1000
3	Provisional Certificate	150	150
4	Alumni Life Membership Fee	1500	1500

5	Modernization Fee	300	300
6	Student Welfare Fund	700	700
7	Publication Fee	250	250
8	Institute Caution Deposit	1000	1000
9	Library Caution Deposit	1000	1000
10	Convocation Fee	2000	2000
	Sub-Total	7700	8200

B. INSTITUTE FEES

1	Tuition fee #	2500	2500
2	Examination fee	500	500
3	Registration - Enrollment fee	300	300
4	Hostel Seat Rent *	6500	6500
5	Electricity, Water & SWD Charges *	1200	1200
	Sub-Total (for day scholars)	3300	3300
	Sub-Total (for hostellers)	11000	11000

C. ONE-TIME HOSTEL FEES

1	Hostel Caution Deposit *	3500	3500
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D. STUDENTS' SECTOR FEES & ADVANCE DINING CHARGES

1	Medical insurance (revised every semester)	1270	1270
2	Wellness fees (revised every semester as per the actuals)	1200	1200
3	Gymkhana fee (revised every year)	1600	1600
4	Establishment A	5500	5500
5	Hostel Admission Fee *	200	200
6	Establishment B *	1500	1500

7	Advance Dining Charges *	28500	28500
	Sub-Total (for day-scholars)	9570	9570
	Sub-Total (for hostellers)	39770	39770

* For hostellers only # Tuition fee is waived for SC/ST students

Hostel rooms are allocated based on availability and shared occupancy. Accommodation in the hostel is subject to availability.

11. Refund Policy

If a candidate withdraws his/her admission on or before the date of official joining (which will be mentioned in the provisional offer letter) to the program, the amount paid by him/her will be refunded after deducting the administrative charge of Rs.2,000/-. Once the candidate is admitted, only the caution deposits will be refunded, in case of request for the withdrawal from the program.

12. Queries

Please contact academics@iitpkd.ac.in for any queries or clarifications related to admission. Please contact systems@iitpkd.ac.in for technical queries during the submission of applications.