

PONDICHERY UNIVERSITY

(A Central University established by an Act of Parliament No. 53 of 1985)

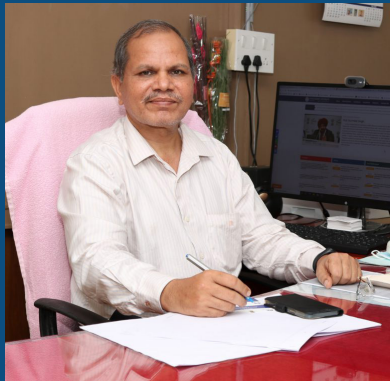
ACCREDITED WITH "A" GRADE BY NAAC

INFORMATION BROCHURE

M.Tech. Programmes Admissions - 2024-25 (THROUGH GATE SCORE)



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From the Vice-Chancellor's Desk

It gives me great pleasure in extending my hearty welcome to all those who are seeking admission to various Programmes of Pondicherry University. Pondicherry University holds a special place in the Indian University System. It was created to meet out the demands of the local community, and ever since its inception in 1985, it has shown a tremendous commitment to innovation and to serving the needs of the nation. The University takes great pride in having established strong, industry-focused teaching programmes and cutting-edge research. We offer our students a research-enriched education that is complemented by work-integrated learning opportunity. Pondicherry University, accredited with "A" Grade by NAAC, is one of the most sought-after campuses amongst the students from across the nation as a destination for the Higher Education and Research. Pondicherry University was the first in the country to implement "Choice-Based Credit System" (CBCS) which is now being followed by many other Universities.

The quality of education disseminated in the University churns the vibrant young minds with the major skill-sets required for the industry. The courses offered are very carefully designed keeping the functionality of output to bridge the gap between higher education and employment. We kindle the passion in students and churn them out as a brigade of enterprising leaders.

The publication of our in-house research journals with high academic visibility and impact factor, various Memorandums of Understanding and collaboration with

International and National Universities for various programmes, research projects and conferences, specially designated 'Chairs', for academic excellence, distinguished faculty, and enthusiastic students are taking our university to incredible heights.

In addition to the green campus, excellent architecture, state-of-the-art infrastructure, well-equipped laboratories, cosy workrooms for research and teaching, facility of online admissions, Credit-Based Evaluation System, more than twenty thousand learners in various disciplines, two off-campus, one located in Port Blair (Andamans) and another at Karaikal, with two Constituent Colleges, one at Puducherry and another at Mahe add credit to Pondicherry University. Further, the campuses off the University are ICT enabled and provide an e-learning and e-connect environment, along with class coordination system, document management system as well as virtual class rooms.

The Hon'ble Vice-President of India & Chancellor of the University offers Intern at Parliament to 10 students (5 Girls & 5 Boys) every year. The Chancellor in the capacity of Chairman of Rajya Sabha has extended invitation to a batch of students of the University to visit the new Parliament Building every year. The University is to sign an MoU with Indian Council for World Affairs (ICWA), New Delhi to import knowledge to the students on world affairs.

PROF. K. THARANIKKARASU
VICE-CHANCELLOR (I/C)

VISITOR	Smt. DROUPADI MURMU Her Excellency, the President of India
CHANCELLOR	Shri. JAGDEEP DHANKHAR His Excellency, the Vice President of India
CHIEF RECTOR	Dr. TAMILISAI SOUNDARARAJAN Her Excellency, the Lt. Governor of Puducherry
VICE-CHANCELLOR (i/c)	Prof. K. THARANIKKARASU

Director, (Studies, Educational Innovation & Rural Reconstruction)
Prof. K. THARANIKKARASU

Director (Culture & Cultural Relations)
Prof. CLEMENT SAGAYARADJA LOURDES

Registrar (i/c)
Prof. RAJNEESH BHUTANI

Finance Officer (i/c)
Prof. D. LAZAR

Controller of Examinations
Shri. SADANAND G. SWAMI

Librarian
Dr. M. VIJAYAKUMAR

DEANS OF SCHOOLS

Prof. S. SUDALAI MUTHU	: Sri Subramania Bharathi School of Tamil Language & Literature (i/c)
Prof. MALABIKA DEO	: School of Management
Prof. RAJESWARI SESHADRI	: Ramanujan School of Mathematical Sciences
Prof. M.S. PANDIAN	: School of Physical, Chemical & Applied Sciences
Prof. H. PRATHAP KUMAR SHETTY	: School of Life Sciences
Prof. CLEMENT SAGAYARADJA LOURDES	: School of Humanities
Prof. B.B. MOHANTY	: School of Social Sciences & International Studies
Prof. S. SIVASATHYA	: School of Engineering & Technology
Prof. K. CHELLAMANI	: School of Education
Prof. PANKAJ KUNDRA	: School of Medical Sciences (i/c)
Prof. P. SRIDHARAN	: School of Performing Arts
Prof. S. VICTOR ANANDKUMAR	: School of Law (i/c)
Prof. R. SEVUKAN	: School of Media & Communication
Prof. A. SUBRAMANIA	: Madanjeet School of Green Energy Technologies

ADMISSION REQUIREMENTS

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Mode of Admission
376	M.Tech.	Computer Science & Engineering	15	B.Tech./ B.E. in Computer Science and Engineering/ Information Technology or equivalent OR M.Sc. in Computer Science/Information Technology/ Software Engineering or equivalent OR MCA with Bachelor's degree in Computer Science/ Computer Applications/ Information Technology OR equivalent Mathematics /Statistics/ Physics/ Electronics/ Applied Sciences with a minimum of 55% of marks	Through GATE Score
304	M.Tech.	Electronics & Communication Engineering (Intelligent Communication Systems)	19	B.E. / B.Tech. with at least 55% marks (or) equivalent in Electronics & Communication Engineering/ Electronics & Telecommunication Engineering / Electronics Engineering/ Electrical & Electronics Engineering/Electronics & Instrumentation Engineering/ Instrumentation & Control Engineering/Information Technology/Computer Science & Engineering/Robotics Engineering/Robotics & Automation/ Biomedical Engineering/Mechatronics (or) equivalent. A valid GATE qualified candidates will be given preference.	Through GATE Score
393	M.Tech.	Environmental Engineering & Management	15	B.Tech. / B.E. degree with a minimum of 55% of marks. or M.Sc. in Physics/Chemistry /Mathematics/ Life / Environmental Sciences with a minimum of 55% of marks with Mathematics as one of the subject at +2 level.	Through GATE Score
307	M.Tech.	Green Energy Technology	16	B.E/B.Tech. in Mechanical / Electrical / Electronics / Civil / Energy / Chemical / Biotechnology / Environmental Engineering with at least 55% in the qualifying examination. (OR) M.Sc. in Physics / Chemistry / Material Science / Nanoscience / Bioenergy / Photonics / Biotechnology / Environmental Science with Mathematics at B.Sc level with at least 55% in the qualifying examination.	Through GATE Score
305	M.Tech.	Nanoscience & Technology	16	BE / B.Tech. in Nanoscience and Technology/ Materials Science & Engg./Polymer Science & Engg./ Electrical & Electronics, Electronics & Communication, Instrumentation, Chemical, Mechanical, Metallurgical (or) Bio-Medical Engg./ Biotechnology/Environmental Engg./ Energy Engg., with a minimum of 55% of marks. (OR) Masters degree in Physics/ Chemistry / Applied Physics / Applied Chemistry/ Materials Science / Nanoscience and Technology / Biotechnology / Bio-Chemistry with a minimum of 55% of marks.	Through GATE Score
394	M.Tech.	Network & Information Security	15	B.Tech. / B.E. in Computer Science and Engineering / Information Technology / Electronics & Communication Engineering / Electrical and Electronics Engineering / Electronics & Instrumentation Engineering OR M.Sc. in Computer Science / Information Technology / Software Engineering or equivalent OR MCA with Bachelor's degree in Computer Science/ Computer Applications / Information Technology or equivalent / Mathematics / Statistics / Physics / Electronics/ Applied Science with a minimum of 55% of marks in each degree.	Through GATE Score

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Mode of Admission
310	M.Tech	Computational Biology	4 (*)	i) Minimum of 55% of marks in Master's degree in Bioinformatics / computational biology / Physics / Chemistry / Mathematics / Statistics / Computer Science / all branches in Life sciences (Biotechnology/ Biochemistry/ Microbiology / Plant Biology / Botany / Animal Biology/ Zoology) / Agricultural sciences. ii) B.Tech /B.E degree in Industrial Biotechnology, Biotechnology, Pharmaceutical Technology, Food Technology, Bioinformatics, Chemical Engineering, Bioengineering, Information Technology, Information Science, Computer Science and Engineering, Biomedical Engineering, Agricultural sciences / B.Pharm.	Through GATE Score

(*) Any seat vacant in the sanctioned intake, may also be filled with GATE score.

Note: The Profile of the Departments are available in the University Website:
<https://www.pondiuni.edu.in/departments-centres/>

PONDICHERRY UNIVERSITY - STUDENTS ACADEMIC ACTIVITY MANAGEMENT SYSTEMS (PU-SAMS)

Innovative methods of management of academic progression of students from the time of their admission to course completion in institutions of higher learning is both a challenge and an opportunity. The challenge comes from managing a large number of students, faculty, departments, programs and courses in such a way that maximal knowledge transfer, optimal utilization infrastructure and best offer of services can be effected. The opportunity comes from the possibilities of innovations in accountability, accreditation and enhancement of learning experience. Towards this end, Pondicherry University has developed the Student Academic Activity Management System (PU-SAMS).

The software PU-SAMS is an online-platform that is meant to manage the entire range of CBCS – from admission, online payment of tuition fees, registration of courses, approval of registration by the faculty, allocation of courses to the faculty, time-table, student attendance, internal assessment, online payment of examination fee, end-semester assessment, conversion of marks to grades, declaration of results, grade card generation and distribution. The software works on the principle of differential access and need-to-know basis.

PUSAMS is tuned to help all the stake holders that include students, teachers, HoDs, Deans, Administrators and the Vice-Chancellor to monitor academic activities across Pondicherry University on real time basis.

GENERAL CONDITIONS OF ADMISSION

- Students should have, in general, obtained their Bachelor's degree from a recognized University under 10+2+3 system, i.e., the candidate should have studied for 15 years to obtain his/her/ bachelor's degree to apply for admission to the P.G. programme.
- The minimum eligibility criteria for different courses are as prescribed in the appropriate sections. Candidates qualified through other systems of studying should obtain eligibility certificate from the University before admission.
- Candidates awaiting their results are also eligible to apply. Such candidates, however, must produce the mark sheet / degree certificate as the proof of fulfilling the prescribed eligibility criteria on or before the date notified by the University failing which provisional admission, if granted, will be cancelled.
- Unless otherwise specifically stated, candidates should have secured a minimum of 55% of marks in their U.G. degree for admission. **Eligibility marks will not be rounded off.** For example 54.99% will not be rounded off to 55% for the purpose of admission.
- The students will be required to take up a group health insurance (for hospitalization, etc.) through the University.
- Admitted students are required to carry the University Identity Card at all times while they are inside the campus.
- Students are instructed not to miss classes, since 70% of attendance is required to appear for the examination. **Those who need accommodation in the hostels must report to their departments prior to registration and counselling.**
- All admissions are provisional, subject to verification of required documents, as per prescribed norms.

AICTE - P.G. Scholarship

The AICTE awards PG Scholarship of Rs.12,400/- per month to full-time GATE qualified students.

RESERVATION

SC/ST Candidates

In accordance with the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved 15% of seats in each course for candidates belonging to the Scheduled Castes and 7.5% seats for those belonging to the Scheduled Tribes with a provision for inter-changeability between these categories, wherever necessary. All SC/ST candidates who have passed the qualifying examination are eligible to apply for PG admission irrespective of the percentage of marks obtained in the qualifying examination except otherwise specified. Candidates should submit a certificate about their caste from a Revenue Officer not below the rank of the Tahsildar at the time of admission.

OBC Candidates

27% reservation for OBC category (Non-Creamy Layer) is implemented by the University as per Government of India instructions.

EWS Candidates

In accordance with the policy of the Government of India, the University implements 10% reservation in admission for Economically Weaker Section (EWS) candidates in each course. The candidates have to produce the necessary certificate from the Revenue Department, in the format prescribed by Government of India.

Differently abled Candidates

5% of seats in each course are reserved for differently abled candidates. Each differently abled candidate shall be required to submit a certificate from a government hospital indicating the extent of physical disability and also the extent to which the disability hampers the candidate in pursuing his/her studies. The candidates may have to undergo a fresh medical examination if required by the University before being admitted. All differently abled candidates who have passed the qualifying examination are eligible to apply for PG admission irrespective of the percentage of marks obtained in the qualifying examination except otherwise specified.

FEES

The following fees are applicable to the students admitted to Pondicherry University departments.

● Fee Table: 1 - All M.Tech. Programmes (Except Computer Science & Engg.) (in ₹)					
Sl. No	Item	Semester			
		I	II	III	IV
1.	Tuition Fee	3000	3000	3000	3000
2.	Registration Fee	300			
3.	Matriculation Fee	100			
4.	Recognition Fee	400			
5.	Sports Fund	500		500	
6.	Medical Examination / Facilities Fund	600		600	
7.	Library Fund	1500		1500	
8.	Laboratory Fund/Computer Lab Fund/Wet Lab Fund	2000		2000	
9.	Amenities Development Fund	6000			
10.	Students' Welfare Fund	400		400	
11.	Alumni Association Fund	200			
12.	Caution Deposit (Refundable)	1000			
13.	Advanced Lab Facility Fund	2500		2500	
14.	Placement Activity Fund	200	200	200	200
15.	Academic Activity Fund	1000		1000	
16.	Digital Activity Fund	2000		2000	
17.	Group Medical Insurance	142			
18.	University Development Fund	1200			
	TOTAL	23042	3200	13700	3200

● Fee Table: 2 - M.Tech (Computer Science & Engineering) (in ₹)					
Sl. No	Item	Semester			
		I	II	III	IV
1.	Tuition Fee	3000	3000	3000	3000
2.	Registration Fee	300			
3.	Matriculation Fee	100			
4.	Recognition Fee	400			
5.	Sports Fund	500		500	
6.	Medical Examination / Facilities Fund	600		600	
7.	Library Fund	1500		1500	
8.	Computer Lab Fund	4000		4000	
9.	Amenities Development Fund	6000		6000	
10.	Students' Welfare Fund	400		400	
11.	Alumni Association Fund	200			
12.	Caution Deposit (Refundable)	2000			
13.	Industry Interface Fund	5000		5000	
14.	Placement Activity Fund	3000		3000	
15.	Academic Activity Fund	4000		4000	
16.	Field Study/ Tour Fund				
17.	Digital Activity Fund	2000		2000	
18.	Group Medical Insurance	142			
19.	University Development Fund	1200			
	TOTAL	34342	3000	30000	3000

Payment of Fees

All students shall pay all the fees to the University at the time of admission through online. For the subsequent semesters, the fees should be paid within ten days from the beginning of each semester through online. Examination fees shall be payable on or before the last date prescribed in this regard. If the above dates fall on Saturdays or Sundays or any other holidays, the last date for payment of the above fees will be the preceding working day.

Differently abled students are exempted from payment of all fees, including examination fees. They should pay only the prescribed refundable caution deposits and Group Medical Insurance premium. However if they avail any scholarship from Government/ other agencies, they are not entitled from exemption of fees

SC/ST students who are eligible for Post-matric scholarships/Top class scholarships are permitted to pay the fees as soon as they receive the scholarship amount by submission of an undertaking to this effect at the time of admission. In any case, such SC/ST students should pay the fees within 90 days from the date of admission through the said scholarships failing which they have to pay the fees on their own or otherwise their admission stands cancelled.

The Vice-Chancellor, or any other officer on his behalf, to whom this power has been delegated, may relax any of the conditions for payment of fees in special cases, on recommendation of the Academic Advisory Committee. The names of defaulters shall be removed from the rolls of the University with effect from the first day of the following month. A student whose name has been struck off from the rolls of the University, under the above clause, may be re-admitted on the recommendation of the Dean/ HOD/ Coordinator of the Dept./Centre concerned and on payment of arrears of fees in full and other dues, together with a re-admission fee of ₹1000/- plus University Development Fund of ₹ 500/-.

Refund of fees, caution deposits, etc.

Caution deposit money is refundable, on an application from the student on his/her leaving the University, after deducting all dues against him/her.

If any student does not claim the refund of any amount lying to his/her credit within one calendar year of his/ her leaving the University, it shall be deemed to have been donated by him/ her to the Students' Aid Fund. The period of one year shall be reckoned from the date of announcement of the result of the examination taken by the student or the date from which his/her name is struck off from the rolls of the University whichever is earlier.

If, after having paid the fees, a candidate desires to discontinue he/ she shall be refunded all fees after deducting ₹1000/- provided he/she discontinues **on or before the date notified by the university.**

If a student owes any money to the University on account of any damage he/she may have caused to the University property, it shall along with outstanding tuition fees and fines, if any, be deducted from the security deposit due to him/ her. These provisions shall not apply to students in the affiliated colleges.

Students shall not be issued hall tickets or allowed to appear for examination unless they have cleared their dues, paid the prescribed examination fee and produced a "No-dues" certificates.

HOSTELS

At present, Pondicherry University has twenty one hostels in the campus, of which, thirteen are for boys and eight for girls. Out of the thirteen boys' hostels, nine are for PG students and four for research scholars. Out of the eight girls' hostels, seven are for PG students and one is for research scholars. The Karaikal campus has three hostels two for boys and one for girls. One boys hostel and one girls hostel is available at the Port Blair campus also.

Hostel fees structure will be provided separately.

Discipline

All hostel-related communication from the hostel inmates to the University authorities shall be routed through the proper channel, i.e. through the wardens of the respective hostels and Chief Warden. Any subversive activity, misdemeanor, obnoxious behaviour, flouting of hostel rules & regulation, misconduct, disobedience, ragging, failure to clear dues, etc. shall be severely punished, and even result in dismissal from the hostel as well as from the department by the University authority whose interpretation of the rules shall be final.

A set of rules and regulations applicable to the inmates of the hostels will be given to each student at the time of admission into hostel.

Consumption of alcohol and narcotics is considered as a serious offence. Therefore, intoxicating drugs or liquor should not be consumed in the campus. Smoking in the hostel premises is prohibited. Fire-arms should not be brought to the hostel in any case. Such acts will mean immediate expulsion of the resident from the hostel. Accommodating outsiders/passed out students in the hostel leads to trespassing and such students will be handed over to the police for prosecution. Therefore inmates must be careful before entertaining outsiders.

As per the University hostel rules & regulations under clause 10.24, damaging University / public property is illegal. It will be considered as an act of indiscipline and misconduct, and will be punished under Prevention of Damage to Public Property Act, 1984

Mess

Dining in the hostel mess is compulsory for hostel students. No permission will be granted for dining outside the hostel mess under any circumstances. Subramania Bharathi Hostel and Bharathidasan Hostel are managed by the research scholars and the rest of the mess are outsourced. Five well-equipped mega mess (three for boys & two for girls) are available for dining by hostel residents of the University. The hostel mess are run by

experienced and qualified caterers. The mess offer meals at reasonable rates.

Ragging

Ragging or teasing in any form is strictly prohibited in the University. Students are therefore, forbidden from indulging in such activities within the hostel premises. Ragging will invite very severe punishment including expulsion from the University. It is also punishable by law. No introductory meeting of the students is to be held in the hostels by the senior students.

General facilities

The University Health Centre offers medical facilities round-the-clock to the students residing in the hostels. For the mobility of the students from hostels to departments, library, computer centre, etc., bus facility is provided within the campus. Wifi connectivity is also provided to all the hostels to enable the students to have internet access.

*** Detailed Pondicherry University Hostel rules & regulations are available in the hostel office and in the University website.**



CONDUCT & DISCIPLINE

Pondicherry University has zero tolerance towards

(a) Ragging

(b) Sexual Harrasment

Students enrolled in Pondicherry University must abide by their duties and responsibilities to the University, to faculty and to other students. Failure to maintain appropriate standards of conduct will attract disciplinary action.

Students should not bring mobile phones to the Seminar Halls, Research Labs and Examination Halls and should not use mobile phones in the classroom.

Misconduct

Students' misconduct includes but is not limited to the following:

- disruption of classroom activity or hindering the learning of other students anywhere in the University;
- copying / cheating in examinations and assignments;
- behaviour which interferes functioning of the University, disrupts education, endangers the health or safety of staff or students, or damages any property within the campus including University property;
- pasting posters or conducting students' meetings / protests / processions within the campus without prior permission of the University authorities;
- the possession or use of intoxicating beverages inside the campus;
- the possession or use of illicit drugs inside the campus;
- the falsification of documents or providing false information in order to obtain admission to classes;
- the possession of weapons; and
- the failure to return loaned materials or settle dues to the University

Disciplinary Measures

Disciplinary action may include:

- Reprimand or warning;
- fail mark for an assignment or course;
- suspension for a semester or more
- withholding of official transcripts;
- suspension of campus privileges including hostel accommodation;
- suspension or expulsion from the University;
- any other disciplinary action which the University authorities deem appropriate in the circumstances.

Prohibition of Ragging

Ragging in any form is strictly prohibited.

Senior students are not permitted to invite their juniors to their rooms for any introduction meetings.

In the past, six students (hostellers) who were involved in ragging were expelled from the hostel for a period of one year.

Redressal Mechanisms

The Anti - Ragging committee of the University consists of all Deans. The list of members with their contact numbers is available on the University website

1) Anti-Ragging Committee

Students can report any incident of ragging to the Registrar/Deans of respective Schools/Dean of Students' Welfare/ Chief Wardens (Boys & Girls) directly for remedial action

2) Students' Grievances Redressal Cell

Students can report any grievances directly to the Dean, Students' Welfare for redressal.

3) Sexual Harassment Prevention Committee (SHPC)

The University has an SHPC and the list of members with their contact phone numbers is available on the University website. Any sexual harassment complaint can be reported to the Chairperson or any member of SHPC for redressal or can be recorded in the register kept for this purpose in the Registrar's office

4) Women's Cell

Grievances relating to gender bias and discrimination affecting women in the campus can be reported to the Head of Women's Cell and the list of members of the cell with their contact phone numbers are available on the University website.

5) Legal Services Clinic

'Legal services clinic' is setup in Pondicherry University for the students of the institution and especially for the students hailing from North Eastern states

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Registrar
Pondicherry University