

HANDBOOK OF INFORMATION- 2024 **(COMPUTER SCIENCE & ENGINEERING)**



**PUNJABI UNIVERSITY CENTRE FOR
EMERGING AND INNOVATIVE TECHNOLOGY (PUCEIT)
Phase-VII, Mohali
(A Campus of Punjabi University, Patiala)**



CONTENTS

Sr. No.	Details	Page
1.	University Anthem	3
2.	An Introduction-Punjabi University Patiala	4
3.	An Introduction-Punjabi University Centre for Emerging and Innovative Technology, Mohali	5
4.	Contact Information	6
5.	Academic Calendar	7
6.	Faculty	8
7.	Courses offered	9-11
8.	Placements	12
9.	Activities	13-15

UNIVERSITY ANTHEM

ਯੂਨੀਵਰਸਿਟੀ ਧੁਨੀ

ਆਸਾ ਮਹਲਾ ॥੧॥ ਚਉਪਦੇ ॥

ਵਿਦਿਆ ਵੀਚਾਰੀ ਤਾਂ ਪਰਉਪਕਾਰੀ ।
ਜਾ ਪੰਚ ਰਾਸੀ ਤਾ ਤੀਰਥ ਵਾਸੀ ॥੧॥
ਘੁੰਗਰੂ ਵਾਜੇ ਜੇ ਮਨੁ ਲਾਗੈ ।
ਤਉ ਜਮੁ ਕਹਾ ਕਰੇ ਮੇ ਸਿਉ ਆਗੈ ॥੧॥ ਰਹਾਉ ॥
ਆਸ ਨਿਰਾਸੀ ਤਉ ਸੰਨਿਆਸੀ ॥
ਜਾ ਜਤੁ ਜੋਗੀ ਤਾ ਕਾਇਆ ਭੋਗੀ ॥੨॥
ਦਇਆ ਦਿਗੰਬਰੁ ਦੇਹ ਬੀਚਾਰੀ ।
ਆਪਿ ਮਰੈ ਅਵਰਾ ਨਹ ਮਾਰੀ ॥੩॥
ਏਕੁ ਤੂ ਹੋਰਿ ਵੇਸ ਬਹੁਤੇਰੇ ।
ਨਾਨਕ ਜਾਣੇ ਚੋਜ ਨ ਤੇਰੇ ॥੪॥੨੫॥

(ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ, ਪੰਨਾ ੩੫੬)

English Translation of University Anthem

True learning *induces in the mind* service of mankind.

One subduing the five passions has truly taken abode at holy
bathing-spots. (1)

The mind attuned *to the Infinite* is the true singing of
ankle-bells in *ritual dances*.

With this how dare Yama intimidate me in
the hereafter ? (Pause 1)

One renouncing desire is the true Sannyasi.

From continence comes true joy of living in the body. (2)

One contemplating *to subdue* the flesh is the truly
Compassionate Jain ascetic.

Such a one subduing the self, forbears harming others. (3)

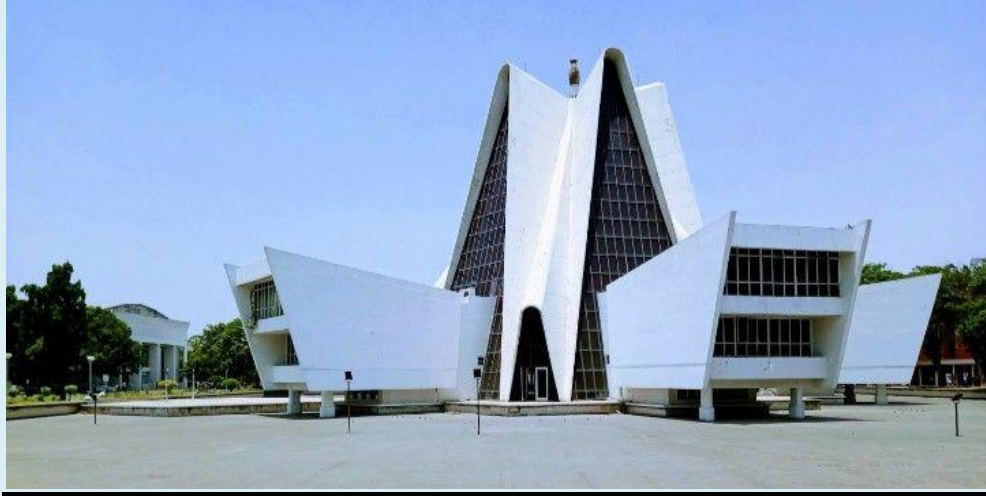
Thou Lord, art one and Sole.

Many Thy forms-

The manifold play beyond Nanak's comprehension. (4) (25)

(Translated by: Gurbachan Singh Talib)

INTRODUCTION TO PUNJABI UNIVERSITY, PATIALA



Welcome to Punjabi University, Patiala Punjabi University, Patiala, a premier institution of higher learning, was established on April 30, 1962 with the mandate of promoting Punjabi Language, Literature and Culture. Since its inception, the University has not only made significant contributions towards fulfillment of its mandate but has also emerged as a key institution for imparting quality education and pursuing state-of-the-art research in the fields of Life Sciences, Physical Sciences, Medicine, Engineering and Technology, Business Studies, Law, Social Sciences, Languages, Education, Information Sciences, Literature, Arts and Culture.

INTRODUCTION-PUCEIT, MOHALI



Year of Establishment of the Department. 2000

Punjabi University Regional Centre for Information Technology and Management (PURCITM) was established in September 2000 at Mohali and now the Centre has been renamed as Punjabi University Centre for Emerging and Innovative Technology, Mohali(PUCEITM) in March 2023. The Centre is located in Sector 61 (Phase 7 - Residential Area), Mohali which is contiguous with Chandigarh. The Centre was set up with an aim to provide quality education in the field of Computer Application. With rapidly evolving technology and the continuous need for innovation, the Department has produced quality professionals holding important positions in the IT industry in India and abroad.

The Centre has a highly qualified and competent Staff and to cater to the advancements in computer technology many new courses related to Artificial Intelligence and Data Science have been started in the Centre.

Contact Information

Address : Punjabi University Centre for Emerging and Innovative Technology (PUCEIT), Phase-7 (Residential Area), Mohali

Email ID- puceit@pbi.ac.in

Contact No.- 0172-5094196, 5094197

Face book link- bit.ly/puceit-fb

PUP web link: <https://rebrand.ly/puceit>

Admission link:- <https://pupadmissions.ac.in/Default.aspx>

ACADEMIC CALENDAR

Summer Vacation	14-06-2024 to 12-07-2024
Duration of Semester	22-07-2024 to 08-11-2024
Semester-1 Examinations	18-11-2024 Onwards
Winter Vacation	26-12-2024 to 03-01-2025
Duration of Semester-2	06-01-2025 to 25-04-2025
Semester-1 Examinations	05-05-2025

COMPUTER SCIENCE FACULTY OF PUCEIT, MOHALI

Professor

1. Dr. Rekha Bhatia, Ph.D. (Coordinator, Computer Science)

Assistant Professor

1. Dr. Supreet Kaur, Ph.D.
2. Ms. Amardeep Kaur, BE, M.E. (Comp. Sci)
3. Ms. Kamaljeet K Mangat, B.Tech. (Comp. Sci), M.Tech .(IT)
4. Mr. Rachhpal Singh, MCA, M. Tech.(CSE)
5. Dr. Naveen Kumari, B. Tech(CSE), M. Tech (CSE), Ph.D.
6. Ms. Navpreet Kaur, B. Tech., M. Tech
7. Ms. Balwinder Kaur, MCA, UGC-Net

COMPUTER SCIENCE COURSES OFFERED by PUCEIT, Mohali

- 1) B.C.A. (Hons) (3 years)
- 2) B.Tech.(CSE) (4 years)
- 3) M.Tech.(CSE) (Part time) Hybrid Mode (3 years)

ELIGIBILITY & MERIT CRITERIA

1. BCA (Hons) 03 years

Eligibility: 10+2 in any stream with at least 50% marks (45% for SC/ST) without reappear and pass Mathematics as one of the subjects at the Matriculation examination level from Punjab School Education Board/Central Board of Secondary Education or any other board recognized as equivalent thereto. An additional 10% weight age proportionate to the marks obtained in the subject will be given to the candidate who has studied Mathematics/Statistics or Computer Science/Computer Applications/Information Technology at 10+2 level at the time of admission in B. C. A. up to a maximum of 20% weight age in total to those students who studied both (Mathematics/Statistics) and (Computer Science/Computer Applications/Information Technology) at 10+2 level be given.

2. B.Tech. CSE (First year at Punjabi University Patiala and next three years at PUCEIT Mohali Campus)

Eligibility: Pass out students of 10+2 or equivalent with Physics & Mathematics as compulsory subjects along with third subject *

* Third Subject: Any one subject amongst Chemistry/ Biotechnology/ Biology/Technical Vocational subject/ Computer Science/Information Technology/ Informatics Practices/Agriculture/ Engineering Graphics/ Business Studies/ Electronics/ Entrepreneurship, having a minimum aggregate of 45% marks for General Category and 40% marks for SC/ST and Disabled Persons Categories.

Merit and Admission Criteria: AIR of JEE (Mains): All Seats #

If the seats still remain vacant after allotment to the applicants based on JEE (Mains) - 2024 entrance test, these vacant seats will be offered to pass-out students of 10+2 or equivalent, according to their merit, as per the combination of subjects mentioned above.

The admission criteria for the vacant seats will be notified through notice(s) posted on the Punjabi University Website or advertisement(s) published in Newspaper(s).

Tie-Breaker: In case of tie in Admission criteria (upto 3rd decimal place), the following order shall be used precedence wise to break it:

1. Higher Marks in Mathematics in 10+2 Examination.
2. Higher Marks in Physics in 10+2 Examination.
3. Higher Marks in English in 10+2 Examination.
4. Higher Marks/CGPA in 10th Examination.
5. Candidates older in age to be preferred.

In case of any requirement for the tie resolution and subsequent updation in the above criteria, the decision of the committee constituted by Punjabi university, Patiala will be final. The admission criteria for the vacant seats will be notified through notice(s) posted on the Punjabi University Website or advertisement(s) published in Newspaper(s).

3. M. Tech. (CSE) [Part-Time Hybrid Mode] (3 years)

Pre-requisites: The candidates seeking admission in M.Tech. course must have passed B.E./B.Tech. in respective branch of engineering with 50% (45% for SC/ST & Disabled Persons Categories) marks. For admission to M.Tech.in Computer Science and Engineering candidate must have passed B.E./B.Tech. in Computer Science & Engineering/ Computer Engineering/ Information Technology/ Information Communication Technology/ Software Engineering/ Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/

Sr. No.	Course Name	Duration	Seats	Fee Structure	Admission Procedure
1.	B. Tech. (CSE) (First year at Punjabi University Patiala and next three years at PUCEIT Mohali Campus)	04 Years	30	As in the University Campus	Centralized admission cell of Engineering wing
2.	M. Tech Computer Science & Engineering (Part Time) Hybrid Mode	03 Years	18	As in the University Campus	Centralized admission through admission cell
3.	BCA (HONS.)	03 Years	25	As in the University Campus	Centralized admission cell of Department of Compute Science
4	ONE YEAR DIPLOMA COURSES (HYBRID MODE) (In collaboration with Sabudh Foundation) (Eligibility- 10+2)				
	i) Data Science	01 Year	20	10,000/- per semester	Direct from Centre
	ii) Internet of Things	01 Year	20	10,000/- per semester	Direct from Centre
	iii) Drone Development	01 Year	20	10,000/- per semester	Direct from Centre

Electronics and Computer Engineering/ Electrical and Electronics Engineering/ Electrical Engineering/ Automation and Robotics/ 3D and Automation or equivalent degree in Engineering.

Eligibility Criteria: - The admission to M.Tech. programme will be made on the basis of criteria given below:

(i) GATE (Graduate Aptitude Test in Engineering) qualified candidates will be given absolute preference over the candidates applying for M.Tech. based on B.Tech. Score. However, GATE qualified candidates will have to submit the application for admission and must attach the valid score card along with the application at the time of counselling.

(ii) Admission to the vacant seats, after admitting GATE candidates, will be made purely on the merit of score of B.Tech./ MCA or M.Sc. in Computer Science/ Information Technology/ Information Science/ Electronics/ Physics/ Statistics/ Mathematics/ Operation Research or any other equivalent degree with specialization in Computer Science.

PLACEMENTS



ACTIVITIES AND PRESS COVERAGE OF CENTRE





Regional Centre, Mohali organized a FLASH MOB at VR PUNJAB.Mrs



Regional Centre, Mohali organized a FLASH MOB at VR PUNJAB.



