



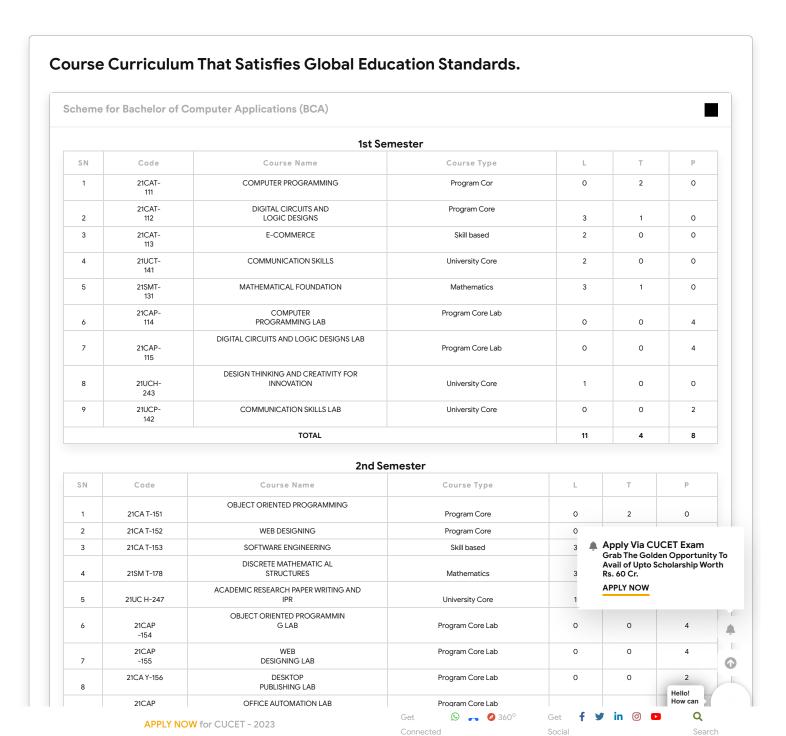
## Department of Computer Applications

## Course Curriculum

Explore Our Exclusive Study Programs.

BACK TO COMPUTING

APPLY NOW







2	21CA T-212	DATABASE MANAGEMEN T SYSTEM	Program Core	3	0	0
3	21CA T-213	SYSTEM SOFTWARE	Program Core	3	0	0
	21CA A-214	WEB SECURITY				
4	21CA B-214	ENTERPRISE RESOURCE PLANNING	Skill based Elective	3	0	0
	21CA C-214	OBJECT ORIENTED ANALYSIS AND DESIGN				
5	21SM T-235	PROBABILITY AND STATISTICS	Mathematics	3	1	0
6	21CAP -215	DATA STRUCTURES LAB	Program Core Lab	0	0	4
7	21CAP -216	DATABASE MANAGEMEN T SYSTEM LAB	Program Core Lab	0	0	4
8	21CA Y-217	SUMMER TRAINING /INSTITUTION AL TRAINING - I	Training	0	0	0
9	21TDP -201	SOFT SKILLS	Ability Enhancement Compulsory Course	0	0	2
10	21UC Y-245	ETHICS AND GENDER EQUALITY	University Core	1	0	0
11	21UC Y-246	LIFE SKILLS AND MENTORING – 1	University Core	0	1	0
		TOTAL		16	2	10

## 4th Semester

		401001	1100101			
SN	Code	Course Name	Course Type	L	Т	Р
1	21CA T-251	INTERNET PROGRAMMING	Program Core	0	2	0
2	21CA T-252	COMPUTER NETWORKS	Program Core	3	0	0
3	21CA T-253	OPERATING SYSTEM	Program Core	3	0	0
4	21CA A-254	BUSINESS INTELLIGENCE				
5	21CA B-254	ARTIFICIAL INTELLIGENCE	Skill based Elective	3	0	0
6	21CA C-254	E-GOVERNANCE				
7	***_	OPEN ELECTIVE	Open Elective	3	0	0
8	21CA P-255	INTERNET PROGRAMMING LAB	Program Core Lab	0	0	4
9	21CA P-256	LINUX ADMINISTRATIO N LAB	Program Core Lab	0	0	4
10	21TD T-252	APTITUDE	Ability Enhancem ent Compulsor y Course	0	2	0
11	21UC H-299	ENTREPRENEUR SHIP	University Core	1	0	0
12	21UC Y-294	ENVIRONMENT, WASTE AND DISASTER MANAGEMENT	University Core	2	0	0
13	21UC Y-296	LIFE SKILLS AND MENTORING – 2	Ability Enhancem ent Compulsor y Course	0	1	0
		TOTAL		12	5	8

## 5th Semester

SN	Code	Course Name	Course Type	L	Apply Via CUCET Exam Grab The Golden Opportunity To			
1	21CAT -311	WEB TECHNOLOGIES	Program Core	0	Avail of Upto Scholarship Worth Rs. 60 Cr.			
2	21CAT -312	COMPUTER GRAPHICS	Program Core	3	APPLY NO	W		
3	21CAT -313	COMPUTER SYSTEM ARCHITECTURE	Program Core	3	0	0		
_	21CA A-314	SOCIAL MEDIA AND ANALYTICS	Program Elective	_	_			
4	21CA B-314	MULTIMEDIA AND ANIMATION		Program Elective	0	2	0	
	21CA C-314	NETWORK ADMINISTRATI ON AND CONFIGURATIO				Hello! How can		

APPLY NOW for CUCET - 2023







Social











8	21CA A-318	SOCIAL MEDIA AND ANALYTICS LAB	Program Elective Lab			
9	21CA B-318	MULTIMEDIA AND ANIMATION LAB	r rogram Elective Lab	0	0	4
10	21CA C-318	NETWORK ADMINISTRATI ON AND CONFIGURATIO N LAB				
11	21CA R-319	MINOR PROJECT	Minor Project	0	0	0
12	21CA Y-320	SUMMER TRAINING /INSTITUTIONA L TRAINING - II	Training	0	0	0
13	21UC Y-346	LIFE SKILLS AND MENTORING	University Core	0	1	0
	TOTAL			6	5	16

## 6th Semester

SN	Code	Course Name	Course Type	L	Т	Р
1	21CAT -351	MOBILE APPLICATION DEVELOPMENT	Program Core	0	2	0
2	21CAT -352	MICROPROCESS OR AND INTERFACING	Program Core	3	0	0
3	21CAT -353	SOFTWARE TESTING	Program Core	3	0	0
	21CA A-354	ADVANCED SOCIAL MEDIA AND ANALYTICS	Program Elective	0	2	
4	21CA B-354	ADVANCED MULTIMEDIA AND ANIMATION				0
	21CA C-354	ADVANCED NETWORK ADMINISTRATI ON AND CONFIGURATIO N				
5	21CAP -355	MOBILE APPLICATION DEVELOPMENT LAB	Program Core Lab	0	0	4
6	21CAP -356	MICROPROCESS OR AND INTERFACING LAB	Program Core Lab	0	0	4
7	21CA A-357	ADVANCED SOCIAL MEDIA AND ANALYTICS LAB				
8	21CA B-357	ADVANCED MULTIMEDIA AND ANIMATION LAB	Program Elective Lab	O	0	4
9	21CA C-357	ADVANCED NETWORK ADMINISTRATI ON AND CONFIGURATIO N LAB				
10	21CA R-358	MAJOR PROJECT	Major Project	0	0	0
11	20UC Y-396	LIFE SKILLS AND MENTORING	Universi ty Core	0	1	0
	TOTAL				5	12

	TOTAL			0	0	0
1	21CAI -360	INDUSTRIA L TRAINING	Training	0	0	0
SN	Code	Course Name	Course Type	L	Т	Р

Scheme for BCA (AR and VR)

Scheme for B.Sc. (Computer Science)

Apply Via CUCET Exam Grab The Golden Opportunity To Avail of Upto Scholarship Worth Rs. 60 Cr.

APPLY NOW

Scheme for Master of Computer Applications (MCA)

Scheme for MCA (AI AND ML)

















#### tou can also search tor

Center of excellence CU Edge **Chandigarh University fees Chandigarh University Scholarships** Chandigarh University reviews

## Your Department in a Nutshell

Achievements

Patents

Research

Activities

Labs

Course Curriculum

PEO, PSO & PO

Workshops

DID YOU KNOW?

Patents since inception have been filed by Chandigarh University

DID YOU KNOW?

Open Electives are offered by Chandigarh University

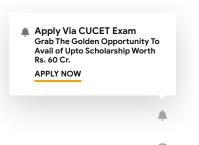
DID YOU KNOW?

have been kept as a reserve by Chandigarh University for Research & Innovation Projects

DID YOU KNOW?

Students from Chandi have been hired by Mi in India

## **Student Stories**





















The opportunity to sit in Microsoft Placement drive and grab a placement came my way only because of Chandigarh University. I feel I have grown better as a person and gained improved perspective into the world-of-work.

DIKSHA, BE-CSE

Placed in Microsoft

VIEW ALL

# Detailed Report on CU Placements

Highest Package Offered

Student Placed

Packages above 1.7 CR

VIEW MORE

## Chandigarh Universit Welcomed Students to more than 50 Countr

With more than 100+ Bachelors, Masters, and Doctoral  $\frak F$  from, CU is one of the highly preferred destinations for I Students.

EXPLORE MORE

Apply Via CUCET Exam Grab The Golden Opportunity To Avail of Upto Scholarship Worth Rs. 60 Cr.

APPLY NOW



















Signup



Step 2 Apply for CUCET (Eligibility and Scholarship Test)



Step 3 Admission

## Step 2 - Apply

After successfully creating your candidate profile for CUCET, you can proceed with choosing the Date for your examination. Complete your profile by logging into your CUCET account and choose an examination date as per your convenience and preference.

## **Want To Become An Expert In Your** Job Field?

Stay Fearless And Get Ready To Conquer Your Coursework. According to the U.S Bureau of Labor Statistics, the total employment is projected to grow by 165.4 million over the 2020-30 decade, which means an increase of 11.9 million jobs.

APPLY TODAY

## **Apply Here**

Admissions Education Loan

Online Admission

Distance Education Admissions

How to Apply?

Scholarship

Admission Office

Student Feedback

Student Facilitation

Guinness World Records

### **Visit Here**

RTI

Grievance

**CU Times** 

CU Blog

Maps

Distance Calculator

About Chandigarh

Application Submitted to UGC-DEB

#### Learn Here

IQAC

Organogram

Other Committees

Pay Fee Online

Our Institutes

**Teaching Practices** 

System of Evaluation

Placements

CU Edge

QS Asia Rankings 2023

#### Live Here

Transport

Sports

Cultural Activities

Student Welfare

Libraries

Connected

Anti-Ragging Policy





Social





APPLY NOW



Apply Via CUCET Exam Grab The Golden Opportunity To

Avail of Upto Scholarship Worth Rs. 60 Cr.







Procedures And Policies

PPCB Report

Mandatory Disclosure

+91-160-3051003

Student Helpline No:

1800 257 1800

Toll Free:

1800 1212 88800

Email:

admissions@cumail.in

NAAC NIRF NATS Anti-Ragging y 0 0 0 in 





### **About Us**

I wire versity, Punjab [CU] is the **Best University in Punjab** and North India that offers various Undergraduate and Post graduate Courses like B.Tech, BCA, BBA, HMCT, B.Com, LLB, B.Arch, MBA, I WHITED NATIONS. M.Com, Journalism and MCA at an affordable fees in Chandigarh. **Apply Now** at India's Best Private University in Punjab, Chandigarh which provides top placements. **academic impact** 

© All rights reserved 2023











Get

Social



