Department of Computer Science

The Department of Computer Science of CHRIST (Deemed to be University) strives to shape outstanding computer professionals with ethical and human values to reshape the nation's destiny. The training imparted aims to prepare young minds for the challenging opportunities in the IT industry with a global awareness rooted in the Indian soil, nourished and supported by experts in the field.

Vision

The Department of Computer Science endeavors to imbibe the vision of the University " **Excellence and Service"** . The department is committed to this philosophy which pervades every aspect and functioning of the department.

Mission

"To develop IT professionals with ethical and human values". To accomplish our mission, the department encourages students to apply their acquired knowledge and skills towards professional achievements in their career. The department also moulds the students to be socially responsible and ethically sound.

Message from the HoD

Welcome to the Department of Computer Science at CHRIST (Deemed to be University), Bangalore. We started our journey in the year of 1990. Over the last two decades, focussing on our mission to develop IT professionals with ethical and human values; we have grown up our expertise and competence in the core Computer Science curriculum and research.

We offer undergraduate programmes, postgraduate programmes and the PhD degree in Computer Science. The Department has always endeavoured towards attuning students with the required technical and soft skills, to adapt to the rapid development in the field of IT and research. The primary focus of our curriculum is to impart technical know-how to students, promote problem-solving skills, ignite their research aptitude and trigger the interest in innovation of new technologies. The course contents are periodically updated for introducing new scientific and technological developments. We proffer a good number of certificate courses and training programmes periodically for providing a wide spectrum of options to the students to pursue their interest. Students are encouraged to undertake various research projects, internships, fests and competitions.

Our department maintains active research clusters for carrying out collaborative and interdisciplinary research. Several faculty members serve on the editorial boards and act as reviewers of national and international journals. We regularly organize national and international symposia and conferences. The PhD scholars of the department often conduct webinars and technical talks under the umbrella of the ACM student chapter to be at par with the latest research updates.

Thank you for visiting us.

Dr Ashok Immanuel V (head of computer science department)

hod.computerscience@christuniversity.in

BCA Course Overview

Bachelor of Computer Applications (BCA) is an undergraduate program that focuses on building software professionals with strong practical and theoretical knowledge in Computer Science. The curriculum provides options for students to choose multiple electives depending on their interest of study. Interdisciplinary Courses on Mathematics, Statistics and Financial management enhance the breadth of domain knowledge. The program is backed by a well-motivated set of teachers and an upgraded lab facility. Students get opportunities to be part of in-house projects/research projects/consultancy projects. The sixth semester project would be a capstone project with deliverables in the form of a project/article/patent. Students with good academic records are encouraged to take up a FAST-TRACK so that they can go for a fulltime industry internship during the sixth semester. Ample opportunities with credit transfers

are available for students who would like to go on a student exchange to foreign universities for a short semester. The BCA degree opens doors to a multitude of career opportunities in the IT industry. Graduates can pursue roles as software engineers, designing, developing, and testing software applications. Their proficiency in programming languages makes them well-suited for web development, where they can create and maintain websites. Database management systems, the backbone of data storage and retrieval, offer career paths in database administration. Networking, the foundation of communication between computers, provides opportunities as network administrators, responsible for designing, installing, and

managing computer networks. Security analysts, tasked with safeguarding systems from cyber threats, are in high demand due to the increasing reliance on technology.

Why choose this course?
- High Earning Potential and Diverse Career Opportunities
- Remote Work Opportunities.
- Strong Foundation in Computer Science and Technology
- Strong Communication and Collaboration Skills
- Entrepreneurship and Startup Opportunities
- Personal Growth and Satisfaction

What will you learn?
- Problem-solving skills
- Wesite development
- Application development
- Softskills
- Continuous learning and research
- Data Analysis

Modules

1st year - Data structures, Programming languages

2nd year - Algorithms, Computer Architecture

3rd Year - Software engineering, Operating system

4th Year - Web development, Artificial Intelligence

Career Prospects:

- Software Developer
- Database Administrator
- Network Administrator
- Data Scientist
- IT Consultant
- Software Tester

- Education
- Government Sector

More details Department of computer science and BCA program:

CHRIST (Deemed to be University), Bangalore. Karnataka, India www.christuniversity.in

Introduction to the Programme

 Bachelor of Computer Applications (BCA) is an undergraduate program that focuses on building software professionals with strong practical and theoretical knowledge in Computer Science. The curriculum provides options for students to choose multiple electives depending on their interest of study. Interdisciplinary Courses on Mathematics, Statistics and Financial management enhance the breadth of domain knowledge.

 The program is backed by a well-motivated set of teachers and an upgraded lab facility. Students get opportunities to be part of in-house projects/research projects/consultancy projects. The sixth semester project would be a capstone project with deliverables in the form of a project/article/patent.

 Students with good academic records are encouraged to take up a fast track so that they can go for a fulltime industry internship during the sixth semester. Ample opportunities with credit transfers are available for students who would like to go on a student exchange to foreign universities for a short semester.

 The exit options after the first year with a certificate on "Basic Programming Skills" and the second year with a diploma in "Computer Applications" and a BCA degree after the third year, the program offers a fourth year with a BCA Honours degree with Research as on option is designed for better employment as either as an application developer or developer with research capabilities.

Programme Objectives

- This programme is conceptualised and designed based on the strong commitment of the department to provide better quality education to the students. The principal objectives of this course are to:
- ·Provide strong foundations in fundamentals of computer science and applications for employability and/or further graduation.
- ·Empower students with competencies in creative thinking and problem solving, interpersonal communication and managerial skills.
- ·Facilitate overall understanding of the technological development with legal and ethical issues.
- ·Equip the students in providing professional solutions to real-time problems.

Ethics and Human Values

1. Only proprietary or open source software would be used for academic teaching and learning purposes.
2. Copying of programs from the internet, friends or from other sources is strictly discouraged since it impairs development of programming skills.
3. Unique Practical (Domain based) exercises ensure that the students don't get involved in   code plagiarism.
4. Projects undertaken by students during the course are done in teams to improve collaborative work and synergy between team members.
5. Projects involve modularization which initiates students to take   individual responsibility for common goals.
6. Passion for excellence is promoted among the students, be it in software development   or project documentation.
7. Giving due credit to sources during the seminar and research assignment is promoted among the students
8. The course and its design enforce the practice of good referencing techniques to improve the sense of integrity.
9. Courses involving group discussions and debates on ethical practices and human values are designed to sensitize the students in dealing with customers and members within the organization.

Programme Outcomes:

PO1: Acquire and Apply Knowledge: Ability to understand and apply the fundamental principles, concepts and methods in key areas of Computer Applications and multidisciplinary fields.

PO2: Problem Analysis: Ability to analyze real-time problems using various tools and techniques.

PO3: Design and Development: Ability to design and develop solutions to meet the desired needs.

PO4: State-of-art Technologies: Ability to adapt and apply emerging tools and technologies.

PO5: Entrepreneurship and Innovation: Ability to provide sustainable and innovative solutions for real-time problems.

PO6: Lifelong Learning: Ability to engage in continuous reflective learning in the context of technological advancement.

PO7: Communication and Team Building: Ability to demonstrate effective communication and interpersonal skills.

PO8: Ethics and Social Responsibility: Ability to integrate ethical and human values to become a socially responsible citizen.

Programme Eligibility

- Basic eligibility for the programme is a pass at the +2 level (Karnataka PUC / ISC / CBSE / NIOS / State Boards) from any recognised Board in India.
- Candidates writing the +2 examinations in March-May 2023 may apply with their class X and XI marks.
- Students pursuing International curriculum must note that eligibility is according to AIU stipulations:
- Applicants pursuing IB curriculum must have 3 HL and 3 SL with 24 credits.
- Applicants pursuing GCE / Edexcel must have a minimum of 3 A levels with a grade not less than C.

Programme Structure

Course code	Title of the Course	Type	No of Hrs	Credits
SEMESTER – I				
BCA101-1	FOUNDATIONAL MATHEMATICS	Major Core	3	3
BCA102-1	OBJECT ORIENTED PROGRAMMING USING C++ (CIA Only)	Major Core	6	4
BCA203-1	PRINCIPLES OF SOFTWARE DEVELOPMENT – 1	Major Core	6	5
	OPEN ELECTIVE	MDC	3	3
BCA181-1	ACADEMIC WRITING (CIA Only)	AEC	2	2
BCA261-1	INTRODUCTION TO WEB TECHNOLOGY (CIA Only)	SEC	4	3
	HOLISTIC EDUCATION – I	VAC	1	1
	ENVIRONMENTAL SCIENCE	VAC	1	1
	Total		**26**	**22**
SEMESTER – II				
BCA104-2	DISCRETE MATHEMATICS	Major Core	3	3
BCA105-2	DATA STRUCTURES USING C++ (CIA Only)	Major Core	6	4

BCA106-2	JAVA PROGRAMMING (CIA Only)	Major Core	6	5

	OPEN ELECTIVE	MDC	3	3
BCA182-2	PROFESSIONAL ENGLISH	AEC	2	2
BCA262-2	FULL STACK DEVELOPMENT (CIA Only)	SEC	5	3
	HOLISTIC EDUCATION – II	VAC	1	1
	UNDERSTANDING INDIA	VAC	1	1
	Total		**27**	**22**

Summer Internship of 4 credits in case of Exit

SEMESTER – III

BCA107-3	COMPUTER NETWORKS	Major Core	4	4
BCA108-3	OPERATING SYSTEM	Major Core	3	3
BCA109-3	FINANCIAL ACCOUNTING	Major Core	3	3
BCA310-3	MOBILE APPLICATIONS	Major Core	5	4
	OPEN ELECTIVE	MDC	3	3
BCA183A-3	FRENCH	AEC	2	2
BCA183B-3	GERMAN	AEC		

BCA263	INTRODUCTION TO PYTHON	SEC	4	3
	HOLISTIC EDUCATION – III	VAC	1	1
BCA484-3	SUMMER INTERNSHIP	Project		3
SEMESTER – IV				
BCA211-4	GRAPH THEORY	Major Core	4	4
BCA212-4	DOT NET	Major Core	5	4
BCA213-4	PRINCIPLES OF SOFTWARE DEVELOPMENT – 2	Major Core	6	5
BCA314-4	INTERNET OF THINGS	Major Core	5	4
BCA215-4	DATA PROCESSING WITH SPREADSHEET	Major Core	4	2

BCA184A-4	FRENCH	AEC	2	2
BCA184B-4	GERMAN	AEC		
	HOLISTIC EDUCATION – III	VAC	1	1
	Total		**27**	**22**
Summer Internship of 4 credits in case of Exit				
SEMESTER – V				
BCA316-5	ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	Major Core	6	4
BCA317-5	CLOUD COMPUTING	Major Core	6	4

BCA318-5	ADVANCED PYTHON	Major Core	6	4
BCA319E-5	SPECIALIZATION ELECTIVE – 1	Major Core	6	4
BCA485-5	MINI PROJECT		4	4
	Total		**28**	**20**

SEMESTER – VI

BCA320-6	ADVANCED JAVA	Major Core	6	4
BCA221-6	PRINCIPLES OF DATA SCIENCE	Major Core	4	4
BCA222-6	DESIGN AND ANALYSIS OF ALGORITHM	Major Core	6	4
BCA323-6	CYBER SECURITY	Major Core	6	4
BCA486-6	MAJOR PROJECT		8	4
	Total		**30**	**20**

SEMESTER – VII

BCA324-7	RESEARCH METHODOLOGY	Major Core	4	4
BCA325-7	DATA ANALYTICS	Major Core	4	4
BCA326-7	DIGITAL IMAGE PROCESSING	Major Core	4	4
BCA487-7	CAPSTONE PROJECT – 1	Major Core	8	4
BCA488-7	RESEARCH PROJECT AND PUBLICATION		12	6
	Total		**32**	**22**

SEMESTER – VIII

BCA327-8	NEURAL NETWORK & DEEP LEARNING	Major Core	4	4
BCA328-8	BLOCK CHAIN TECHNOLOGY	Major Core	4	4
BCA329E-8	ELECTIVE	Major Core	4	4

BCA489-8	CAPSTONE PROJECT - 2	Major Core	8	4
BCA490-8	RESEARCH PROJECT AND PUBLICATION		12	6
	Total		**32**	**22**
TOTAL CREDITS				

BCA Honors with Research

SEMESTER – VII				
BCA324-7	RESEARCH METHODOLOGY	Major Core	4	4
BCA325-7	DATA ANALYTICS	Major Core	4	4
BCA326-7	DIGITAL IMAGE PROCESSING	Major Core	4	4
BCA491-7	RESEARCH-1 (PROBLEM IDENTIFICATION, DATA COLLECTION AND MODELLING-1	Major Core	8	4
BCA488-7	RESEARCH PROJECT AND PUBLICATION		12	6
	Total		**32**	**22**
SEMESTER – VIII				
BCA327-8	NEURAL NETWORK & DEEP LEARNING	Major Core	4	4
BCA328-8	BLOCK CHAIN TECHNOLOGY	Major Core	4	4
BCA329E-8	HONORS ELECTIVE	Major Core	4	4
BCA492-8	RESEARCH-2 (IMPLEMENTATION AND PUBLICATION)	Major Core	8	4
BCA490-8	RESEARCH PROJECT AND PUBLICATION		12	6

	Total		32	22

Summary of the programme structure

Category of Course as per UGC	Minimum Credit requirement	
	3 Year UG	4 Year UG
Major (Core)	89	121
Minor	-	-
Multidisciplinary	9	9
Ability Enhancement Course (AEC)	8	8
Skill Enhancement Courses (SEC)	9	9
Value Added Courses common for all UG	6	6
Summer Internship	3	3
Research Project / Dissertation/ Project	8	20
Total	132	176

Minimum Credits to Graduate	
Levels	**Minimum Credits**
UG Certificate	44
UG Diploma	92
3-year UG Degree	132
4-year UG Degree (Honours)	176
4-year UG Degree (Honours with Research)	176

Details about Fees and other details

1. Admission Registration fee of INR 8000/ (Non-Refundable)
2. Programme fee as per the below table

Year	# Karnataka	Other Indian States	NRI	SAARC / AFRICA / PIO / OCI / ASEAN	Other Foreign Nationals	Time of Payment
1	160,000 INR	180000 INR	270,000 INR	3,700 USD	4,300 USD	Within seven days of the declaration of the Selection Process Result
2	160,000 INR	180,000 INR	270,000 INR	3,700 USD	4,300 USD	On or before March 15, 2026
3	160,000 INR	180,000 INR	270,000 INR	3,700 USD	4,300 USD	On or before March 15, 2027
4	200,000 INR	230,000 INR	340,000 INR	5,000 USD	6,000 USD	On or before March 15, 2028

The fee for Karnataka domicile students, as indicated in the table, is the actual fee payable and excludes the scholarship amount.

It is to be noted that though the fee is fixed for four years, there may be a periodic nominal increase to meet the rise in costs.

1. NRI fee is applicable for the first year for candidates who have studied foreign syllabus (has to be approved by UGC / AIU) in the qualifying examination of study in India. In subsequent years Other Indian States fees will be applicable.
(The above condition is not applicable to NRI and candidates applied under NRI Category).

2. NRI fee is applicable for the full duration of the Programme for candidates who;
    2.1. Have pursued and completed their last qualifying exam from outside India.
    2.2. Are NRI and candidates who have applied under the NRI category.

3. To claim the Indian category fee, the candidates should have studied the last 7 years in India. (Not applicable for OCI, PIO and Foreign Nationals).

4. Admission registration fee of INR 8000/- (US $100 for foreign nationals/PIO/OCI) is non-refundable in the event of cancellation of admission. This fee will be apart from cancellation charges if applicable.

5. All Candidates If "Selected" after appearing for the final selection process, the fee may be paid through the following option:

    Payment can be made through Net banking / NEFT / RTGS

    Payment / Transfer of fees does not guarantee admission.

For any queries at any given time during the application and admission process, you may contact us through the following Email ID's:

Bangalore Central Campus The Office of Admissions, CHRIST (Deemed to be University), Hosur Road, Bengaluru - 560 029, Karnataka, INDIA Ph. No: +91 92430 80800 Ph. No: +91 80 4012 9400 **Email IDs** Indian candidates: admissions@christuniversity.in NRI candidates: nri.admission@christuniversity.in International: isc.admission@christuniversity.in	**Bangalore Bannerghatta Road Campus** CHRIST (Deemed to be University) Hulimavu, Bannerghatta Road, Bengaluru - 560 076, Karnataka, INDIA Ph. No: 080 4655 1306 Email: admissions.bgr@christuniversity.in
Bangalore Kengeri Campus CHRIST (Deemed to be University) Kanmanike, Kumbalgodu, Mysore Road, Bengaluru - 560 074, Karnataka, INDIA Ph. No: +91 80 6268 9800, 9802, 9820 ,9828 Email: admissions.kengeri@christuniversity.in	**Bangalore Yeshwanthpur Campus** CHRIST (Deemed to be University) Nagasandra, Near Tumkur Road, Bengaluru 560 073, Karnataka, INDIA Ph. No: +91 80 6989 6666 / 6667 Email: admissions.yeshwanthpur@christuniversity.in
Delhi NCR Campus CHRIST (Deemed to be University), Mariam Nagar, Meerut Road, Delhi NCR Ghaziabad - 201003 Ph. No: 1800-123-3212 Email: admission.ncr@christuniversity.in	**Pune Lavasa Campus** CHRIST (Deemed to be University), Christ University Road, 30 Valor Court, PO Dasve Lavasa, Mulshi, Pune - 412112, Maharashtra Ph. No : 1800-123-2009,

	Email: admission.lavasa@christuniversity.in

Between: Monday to Friday: 09:00 AM to 04:00 PM, Saturday: 09:00 AM to 12:00 PM (Office remains closed on Sundays, Government Holidays and Any special events)

Application Process

Instructions For Submission Of Online Application Form

- Candidates are required to apply online only through the University website www.christuniversity.in No other means/mode of application will be accepted.
- Candidates should thoroughly go through the programme eligibility criteria, etc. before applying.
- All applicants are required to create a one-time registration ID to be able to apply for the programme of their choice. They can create the Login ID by
- Using the following link https://espro.christuniversity.in/Application/
  OR
- Through the program of your choice. After selecting the program, you will be redirected to the Registration for New Students Admission page.

Step-1 Procedure to Register as a New applicant

1. **One-time registration**: This registration allows you to apply for multiple programs using the same Registration ID.
2. **Fill in your details:** Enter your name as per your class 10 school certificate, a valid email ID, mobile number, WhatsApp number for further communication, date of birth, and create a password. Reconfirm the password. Ensure all data is correct before submission, as you cannot edit this personal information later. Click on the 'Register' button to complete the registration.
3. **Verify with OTP:** An OTP will be sent to your mobile number and email ID. Enter the OTP in the given section and click on the 'Proceed' button. If you do not find the email in your inbox, check the spam folder.

Step-2 Procedure to Login

1. **Login with your credentials:** Use your registered email ID and password to log in. Enter them correctly in the respective fields.
2. **Click on the Login button:** After entering your details, click on the 'Login' button.
3. **Forgot password?:** If you forgot your password, click on the 'Forgot Password' button and follow the necessary steps to reset it.

Step-3 Steps you need to follow to fill out your personal information in the application form:

1. **Select the program:** Choose the program and campus to which you want to apply. If there is an option to choose preferences, kindly choose the preference accordingly. All candidates must meet the program specific eligibility criteria. (Eligibility criteria for the program is available on the admissions page on the University website). Ensure all data is correct before proceeding to next step, as you cannot edit this information later.
2. **Photograph:** Upload a photo (3.5 cms x 4.5 cms formal dress with white background only not more than 100 kb). Photos with other backgrounds or taken with mobile devices will result in rejection of the application.
3. **Read the terms and conditions:** Carefully read the terms and conditions and select the declaration box below.
4. **Personal information:** Fill in your personal information, sports achievements (if any), and extracurricular details (if any).
5. Parent/guardian information: Provide your current and permanent addresses, along with your parent and guardian information.
6. **Educational details:** Fill in your educational details and upload clear scanned copies of class 10 and class 11 final report or class 12 Board result. *Applications with no marks cards or unclear scanned copies will be rejected and termed as Not Eligible.
7. **Preview your application:** Review the details you have entered. If there are any corrections needed, edit and preview the application form again. Once submitted, the details cannot be corrected, so ensure everything is accurate before submitting.
8. **Select the date and centre for the selection process:** Refer to the Important Dates section before filling out the application. Choose the appropriate date and centre for

the selection process based on the program you are applying for. No requests for date/venue changes will be entertained.

9. The application cannot be submitted without filling in all the mandatory fields.
10. Applicants must save the information as they proceed from page to page.

Step-4 Application Fee Payment:

1. **Payment Methods:** You can use Net Banking, Credit Card, Debit Card or any UPI for the payment.
2. **Non-Refundable:** Applicants must remember that the application registration fee is non-refundable once the application number is generated.
3. **Secure Payment:** Make sure you're on a secure website when entering your payment information.
4. **Application Number:** A 9-digit application number will be auto-generated after the successful payment of the application fee.
5. **Payment Failure:** In case of payment failure due to a technical error, the application number will not be generated, and any amount deducted will be automatically refunded within 15 business days.
6. **Printing the Application:** A copy of the application can be printed anytime from the login until the selection process is completed.

Applicants must note:

1. **Documents:** Original marks cards of class 10 and class 11 final report or class 12 Board result and valid ID proof will be verified during the selection process. Applicants writing their class 12 exam must carry class 11 final report (Mandatory).
2. **Selection Process:** Conducted on the date and venue chosen during the application process or as announced by the office of admissions. The Selection Process will be held in person at the selected date and venue.
3. All communication will be through the applicant's login only.

Admission Process

Results and Admission Process

1. **Results Announcement:** The selection process results will be available on the date mentioned in the Important Dates section on the university's website.
2. **Results Access:** Results can be accessed at this link: https://espro.christuniversity.in/Application/
3. **E-Offer of Admission:** Selected candidates will receive an E-Offer of admission, which will be valid until the date specified in the offer.
4. **Provisional Admission:** Admission is provisional and subject to university rules. Candidates must meet the specific eligibility criteria for their program.
5. **Fee Payment:** Selected candidates must pay the fees using Net Banking/Online Banking or Credit Card. They should also download the offer of admission and choose a date and time to complete the admission process in person with a parent at the selected campus.

To process admission:

Select Date and Time: Choose your preferred date and time from the available options.

Campus Admission: Admission must be processed at the campus where the offer of admission is made

Admission has to be processed as per point (1). Admission will not be processed without the presence of the candidate along with mandatory ORIGINAL DOCUMENTS and one full set of black and white photocopies (xerox) of all the documents mentioned below **(MANDATORY):**

Marks Card: Class 10 and Class 11 final report or Class 12 Board result (Mandatory).

Transfer Certificate (TC): of class 12th from the last qualified institution (Mandatory) must be submitted on or before August 30th or as announced by the office of admissions of the admission year.

Migration Certificate (MIG): of class 12th from the last qualified institution (applicable for all candidates except Karnataka state board applicants) (Mandatory) must be submitted on or before August 30th or as announced by the office of admissions of the admission year.

Two Passport Size Photographs: Formal dress, white background.

Two Copies of Payment Acknowledgment Receipt: From application status link https://espro.christuniversity.in/Application/

Valid ID Proof: Aadhar, PAN, etc.

Additional Documents for International Candidates:

1. Passport and Visa Details (Mandatory)

2. PIO/OCI Card holders: Have to produce a copy of the PIO / OCI card whichever is applicable (Mandatory).

3. Medical Fitness Certificate (MFC): From any recognized medical practitioner certified by the Medical Council of India

4. Resident Permit (RP): (If available while applying)

Make sure to have all the original documents and a full set of black and white photocopies (xerox).

1. **Document Submission:**
   a. All mandatory documents must be submitted for verification.
   b. All pending original documents (for exams in Feb-April 2025) must be submitted on or before August 30th or as announced by the office of admissions of the admission year
   c. Failure to submit pending documents will result in termination of admission.

2. **Bank Account Requirement:**
   a. All admitted students must open an account at South Indian Bank, CHRIST (Deemed to be University) Branch as part of the admission process.
   b. Relevant ID proof (Aadhar Card and Pan Card) is required.

3. **University ID Card:**
   a. The ID card is a smart card that functions as an ID, ATM card, and access card for various facilities.
   b. All transactions within the campus, including fee payments, will be processed through this card.

4. **International Students:**
   a. Must register with the Foreigner Regional Registration Officer (FRRO/FRO) within 14 working days of admission or arrival in Bengaluru.

5. **Commencement of Academic Year:**
   a. The start date for the academic year 2025 will be communicated during the admission process.

6. **Caution:**
   a. The university does not authorize any third party to conduct the selection process or offer admissions.
   b. Be wary of unauthorized SMS/Emails promising admissions.

7. **Bank Loan Assistance:**
   a. Admitted students can request a recommendation letter for a bank loan by presenting the original fee paid receipt to the Office of Admissions.

8. **Laptop:**
   a. Admitted students may need to purchase a laptop if required by their department.

9. **Final Decision:**
   a. Student allotment in the program of their choice among the various campuses located in Bangalore (Central, Kengeri, Bannerghatta, and Yeshwantpur), Lavasa (Pune), and Delhi NCR Campus of CHRIST University shall be at the sole discretion of the Management. The decision of the Admission Committee is final.

10. **Cancellation Process:**
    a. For details on the cancellation process, please refer to the provided link: https://christuniversity.in/view-pdf/cancellation1

Eligibility criteria to join BCA Program

- A pass at the +2 level (Karnataka PUC / ISC / CBSE / NIOS / State Boards) from any recognised Board in India.
- Candidates writing the +2 examinations in March-May 2025 may apply with their class X and XI marks.
- **Students pursuing International curriculum must note that eligibility is according to AIU stipulations:**
- Applicants pursuing IB curriculum must have 3 HL and 3 SL with 24 credits.

- Applicants pursuing GCE / Edexcel must have a minimum of 3 A levels with a grade not less than C.

International Category

Candidates falling under any of the below mentioned categories must apply under the International Student Category:

1. Foreign citizens,
2. PIO card holders and
3. OCI (Dual Citizens)

International students coming from Non-English speaking countries should:

- produce evidence of passing the qualifying examination in English medium or
- have IELTS 6.0 with no sub-score below 5.5 or TOEFL (paper) 550, TOEFL (computer) of 213 or TOEFL (IBT) of 79 scores

Candidates without the above pre-qualifications will have to enroll either for

- Intensive Certificate course in English Language (Full Time) conducted from March to May each year or
- One Semester Certificate course in English Language (Part Time) conducted after regular class hours from June to December.

Note: The International Student category fee structure is binding for the full duration of the programme and cannot be transferred /changed in between.

1. Candidates from the above listed categories having pursued Indian Educational qualification and who may have applied under the Indian States Category will have to pay the International Student Category Fee. The decision of the Admission committee is final.
2. Candidates seeking admission through the International Student category (Foreign Nationals/PIO/OCI) will have a separate application process, with the following options to apply for any programme at Christ University.
- Online Application form

Email ID for any clarifications: isc.admission@christuniversity.in

NRI Category

Students are welcome to apply under the Non Resident Indian category for the programmes offered by the University. Application process is common for all category of applicants

Students who fall under any of the following classifications can apply under NRI Student category and be liable to pay the fees applicable to the category for the entire duration of the programme

1. NRI defined under the Indian Income Tax Law

2. Either of the parents is outside India (except Nepal) on Work Permit / Resident Permit.

3. Indian citizen financed by any Institution / agency outside India, even if parents are Residents of India.

4. Indian Citizen who has pursued studies for qualifying examination in any foreign / Indian syllabus outside India..

5. NRI fee is applicable for the full duration of the programme for candidates who;
   5.1. Have pursued and completed their last qualifying exam from outside India.
   5.2. Are NRI and candidates who have applied under NRI category

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Admission to all programmes is based on academic achievement and CHRIST (Deemed to be University) Selection Process. Candidates should submit the final results of class 12 on or before August 30th of the admission year.

Applicants must read through the Selection process, Fee Structure and other details under the preferred programme given on our website before proceeding with the application process.

NRI SELECTION PROCESS VENUE FOR 2025

Festivals and Conferences organized by Department of Computer Science:

1. Xebit (Project Exhibition)
2. SoftEx (Softex is a national level project exhibition for young minds to showcase their innovative ideas in different dimensions in the field of computer science. It provides a platform to share knowledge in the emerging technologies.)
3. Techleons (Techleons is an intra-departmental tech fest, put together by the undergraduate students of the Department of Computer Science.)
4. Interface (Extension and outreach program for UnderGraduate students)
5. Gateways (Extension and outreach program for Postgraduate students)

Associations and clubs in the university

1. ACM Student Chapter (Club)
2. Labyrinth (Club)
3. International Students club
4. CS Alumni Chapter
5. WRIT (Women in Research and Information Technology)

Research

The Department of Computer Science is committed to applied, descriptive, experimental and exploratory research. Both Undergraduate and Postgraduate students are involved in identifying and solving significant real-world problems in society through research. The research-inclusive curriculum lays the foundation to gain knowledge to develop intelligent software tools. Faculty and Research Scholars work on various domains such as Networking, IoT, Cloud, AR/VR, Artificial Intelligence/Machine Learning, Cloud computing, Computer vision, Software Engineering, ICT, NLP, Data Science, and Cyber Security with application areas in Healthcare, Business Intelligence, Education, Biomedical, Data Science and Cognitive Sciences.

The department is pioneering in integrating and collaborating knowledge, methods and perceptive from different disciplines to encourage researchers to think beyond the boundaries of their fields. Research activities are also being funded by various government and non-government agencies for societal benefits aligned with SDG goals. The PhD program

aims to develop a dynamic researcher which enables them to adapt according to the ever-changing needs in the field of computer science in the years to come.

Placements

Campus recruitment has been a regular annual activity of the PG department. As a result of the exceptional contribution of CHRIST (Deemed to be University) alumni in various acclaimed companies, the HR personnel of these establishments recruit our students for projects and jobs. These selections are done on the basis of performance in aptitude tests, various HR rounds, interviews and academic performance. Over the years the list of companies that have come to the campus to recruit freshers has grown.

Industry Quotes

1. The HR people say that MCA students of CHRIST (Deemed to be University) are "Regular, competent and helpful" - MPhasis

2. "Matured, responsible, technically competent and well informed. Our experience with them has been very satisfying. They are self motivated and they readily take initiative. They voluntarily take part in organizing various activities in the company. In a short span of time, they have contributed significantly to the projects." - Merindus Consulting Ltd.

3. "Well prepared and are able to take on and perform quite well the tasks assigned to them. In many cases they have drawn praise from our clients abroad for their excellent work and commitment. They are, today, integrated well into the company and culture and we see them pursuing a career with us." - Robert Bosch

4. "Very impressive overall performance. Their grounding in the basics is very good. They have shown a very positive attitude. They are also mature, hardworking and an asset to the Company." Think3 Designs India Pvt. Ltd.

Rankings

1. Accreditation

- Accrediting Body: National Assessment and Accreditation Council (NAAC)
- Institution: Christ
- CGPA: 3.42 on a 4.0 scale

- Grade: A+
- Validity Period: Until October 25, 2027

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2. NIRF Rankings

- Overall University Ranking: 60
- Detailed Rankings:
  - Overall Category: 90
  - Law: 15
  - Management: 60
  - Engineering: 93

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3. Academic Programs

a. Bachelor of Computer Applications (BCA)

- Approvals:
  - All India Council for Technical Education (AICTE)
  - University Grants Commission (UGC)
- Program Ranking:
  - National Rank: No.1
  - Ranked By: The India Today

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4. Summary

- Institution: Christ
- Overall Accreditation: A+ with a GPA of 3.42/4.0 (Valid until 2027)
- NIRF Overall Ranking: 60
- Top-Ranked Program: BCA (Ranked No.1 nationally by The India Today)

FAQs on application process

1. **When will applications open for the academic year?**

    Applications open for MBA Session I in October, Session II mid February, all other UG and PG programmes in December, MPhil in January and PhD mid August each year.

2. **Where will I find all relevant information pertaining to admissions?**

    Admission details such as programmes offered, application guidelines, admission process, eligibility, selection process, fee structure, important dates, application forms, syllabus, etc. are available under Related Links when on the programme of your choice or under the Admissions link on www.christuniversity.in or www.christuniversity.in/admissions

    When the applicant clicks on the programme he/she is interested in, the overview of the programme will appear and all other relevant information will be available on the left side of the page under 'Related Links'.

3. **Why do I need a unique ID?**

    The ID will enable the candidate to apply for more than one programme if necessary.

4. **When I try to apply I always get the message 'session expired'?**

    Please ensure that you are using a stand - alone system and not your smartphone/android. Also use Mozilla as your browser.

5. **I am writing the Boards this summer, but the application states that I must enter class XII results. How can I apply?**

    The application states that you may enter class XI marks which is conducted by your school/college and use your school roll number for 'previous exam registration number'

    My University/Board provides only grades/CGPA

    All grades/CGPA must be converted into an equivalent score out of 100 without the use of decimals. The CBSE grade pint has to be converted into percentage by using the approved CBSE grade conversion formula.

6. **Can I apply for more than one programme in the same application?**

    It is not possible to apply for more than one programme in the same application

form. However, for certain programmes while filling the application the 2nd and 3rd preference option will be available. The candidate may enter the preferences from the options available in the drop down. The candidate cannot manually enter her/his preferences on the application printout.

7. **I always receive the message of 'invalid phone number' while filling the application.**

   It is advised not to use + while entering the country code for any number.

8. **I paid the money for the application process but my status is showing as incomplete.**

   After payment if you do not receive the 8 digit application number, then your application process is incomplete and will go in for a refund process. The refund will take about 15 days and must be checked with your bank.

9. **How will I know if my application has reached the Office as I have to make travel arrangements?**

   All applications will be verified in the office against the photocopies submitted. Only after the verification is completed, the status of the application will be updated to 'received'. This must be checked on online application status on the website www.christuniversity.in The official admit card to participate in the selection process will be uploaded only 5 days before the selection process. All travel arrangements must be made according to the date opted while filling the application/important date's section provided for the programme on our website.

10. **When is the last date to apply for a programme?**

    The last date will be as per what is provided specifically for a programme under the important dates section. If there is no important date's section, the candidate will choose the date from the available options while filling the application.

11. **I want to apply for BCOM/BCOM F & A**

    Applications are available online and in the Office of Admissions. Candidates may enter the data prior to the declaration of results and 'save' the information. Filled applications must be submitted in person within 3 working days of the declaration of class XII results – Karnataka PUC/ISC/CBSE. Entry of class XII

marks will be possible only after submission of the application to the Office of Admission. Applications must be submitted in person only.

FAQs on eligibility and selection process

1. **How do I know what the eligibility criteria for my programme are?**

   Each programme will have its own eligibility criteria and will be available under Related Links when the applicant clicks on the programme of her/his choice.

2. **How do I know when my selection process is scheduled?**

   For all programmes that do not have an entrance test, the candidate will opt for the date from the list of offered dates while filling the application.

3. **When will the results of the selection process be declared?**

   If the important date section for the programme does not state when the results will be declared, then the same will be declared within 48 hours of completion of the process and the offer of admission will be valid for 3-5 working days.

FAQs on Admission Process

1. **When do I have to pay the non-refundable admission registration fee of Rs. 5000?**

   The admission registration fee is to be paid along with the programme fee for the first year only if selected and processing admission.

2. **How much do I have to pay at the time of processing admission?**

   Fees for first year along with the admission registration fee must be paid in full while processing admission.

3. **I want to pay my fees through a Bank Loan**

   Loan application is issued on request only when the student presents the first year fee paid receipt to the office. The applying and processing of the loan is the student's responsibility. When the loan is sanctioned and if it is sanctioned in the

name of the institution the student will have to submit the cheque/DD to the Office of Accounts who will reimburse the amount in the student's name.

4. **I do not want to open the Bank account**

   It is mandatory for all students to have a student account in South Indian Bank. All further payments such as open elective payment, annual fee payment in subsequent years, etc will be only through the student account. The student will receive a smart card that can also be used as a debit card. The account must be opened while processing admission.

5. **What is the cancellation policy of the institution?**

   The cancellation policy of the institution is based on the F.No 1-3/2016(CPPP-I) DU) UGC notification 11th, July, 2016. Cancellation must be processed in person by presenting all the original documents received from the institution while processing admission.

Christ University FAQS

1. **What is special about Christ University?**

   CHRIST (Deemed to be University) provides a range of courses tailored to your interests. With a dedicated academic staff to guide you, cutting-edge facilities, and a picturesque, tranquil campus, CHRIST offers the perfect environment to enrich yourself and unlock your true potential.

2. **Which course is Christ famous for?**

   BBA is one of the most popular courses at Christ University

3. **How many days will it take to get Christ University results?**

   The Christ University Entrance Test 2025 results will be made available within a week of each exam session. To access the results, candidates must log in using their email address and password to check their CUET 2025 scores. The release dates for the results and merit lists vary for each academic program.

4. **What are the eligibility criteria for undergraduate programs at Christ University Bangalore?**

   Attending undergraduate programs at Christ University in Bangalore typically requires having completed 10+2 from a recognized board with a minimum total percentage. Applicants may also need to take the Christ University Entrance Test

(CUET) and participate in interviews and group discussions. The specific course requirements can vary, so it's important to check the program details.

5. **Can international students apply for programs at Christ University Bangalore? What are the eligibility criteria for them?**

   Christ University in Bangalore welcomes international students. To apply, they must have studied in English or demonstrate English proficiency through tests like IELTS or TOEFL. Additionally, they must meet specific academic requirements for the program, including minimum grades and entrance exams.

6. **Is there any entrance examination for getting admission into Christ University?**

   Christ University admits students based on their performance in the university's entrance exam, the CHRIST Entrance Exam. The final selection is made considering the applicant's presentation skills, interview, and academic record.

7. **What entrance exams are accepted by Christ University?**

   Christ University accepts various entrance test scores, including CUET, UG, and PG, for most of its courses. The admission process involves considering the scores of the entrance test, personal interview, group discussion, and skill assessment. Additionally, UGC-NET (including JRF), UGC-CSIR NET (including JRF), SLET, SET, KSET, and GATE scores are accepted for admission to the Ph.D. programs.

8. **How are the placements at Christ University for MBA?**

   Christ University's MBA program is renowned for its impressive placement rates. Year after year, over 90% of MBA graduates secure placements. The average placement package stands at INR 7.97 LPA, according to the university's NIRF report. The highest package offered to a Christ University MBA graduate reached an impressive INR 21.46 LPA. The program's strong track record and lucrative placement opportunities make it a sought-after choice for aspiring business leaders.

9. **What is the highest package offered at Christ University Bangalore Placements?**

   The highest salary offered during the Christ University Bangalore campus placements in 2024 was ₹10 lakhs per annum. This package was offered by Aditya Birla and Akasa Air for the positions of HR Trainee and Full Stack Developer, respectively, to postgraduate students.

10. **Who are the top recruiters at Christ University Placements?**

    The top recruiters at Christ University Placements 2024 includes:
    1. Dell
    2. ICICI Bank

3. Aditya Birla

4. Bosch

5. Wells Fargo

6. Swiggy

7. Deloitte India Consulting

8. Akasa Air

Popular companies that recruit BCA graduates are:

- HCL
- Wipro
- Oracle
- Mindteck
- Virtusa
- Accenture
- HP
- IBM
- Dell
- Intel
- Siemens
- Bosch
- Honeywell
- Apple
- ITC Infotech
- Infosys
- Cognizant
- Accenture
- IBM

The average salary package for BCA graduates is around 2.5 LPA to 7 LPA. The salary varies according to experience, specializations, professional certifications, and skills. The lowest salary package recorded was 2.5 LPA for fresh graduates and Trainees, and the highest salary package recorded was 25 LPA for Senior Analysts and Specialists.

Bsc Computer Science, Statistics Programme Overview

The BSc undergraduate program in Computer Science and Statistics offers a dynamic and interdisciplinary approach to the ever-evolving fields of computer science and statistics. This comprehensive program equips students with a solid foundation in programming, algorithms, and software engineering, while also delving deep into the principles of statistical analysis, data modelling, and probability theory. This unique blend of knowledge and skills prepares graduates for a wide range of careers in various industries. Students gain hands-on experience in designing innovative software solutions and harnessing the power of statistical methods to extract meaningful insights from complex data sets. With a curriculum designed to meet the demands of the digital age, graduates emerge well-prepared for diverse career paths, ranging from data analysis and machine learning to

software development and business intelligence. Through a combination of theoretical knowledge and practical skills, students in this program are empowered to tackle real-world challenges, making significant contributions to the fields of computer science and statistics. The demand for BSc Computer Science and Statistics graduates is projected to grow significantly in the coming years, driven by the increasing adoption of data analytics and machine learning across various industries. The Bureau of Labor Statistics projects that employment for data scientists will grow by 22.8% from 2020 to 2030, much faster than the average for all occupations. Similarly, employment for software developers is expected to grow by 22% during the same period.

Why Choose this course?

- To understand fundamental principles of both subjects.
- Apply the concepts and methods in key areas
- Learn problem solving, analytical and logical skills.

- Provide solutions for the scientific requirements.
- Develop critical thinking.
- Present the subjects effectively.

What will you learn?

- Programming Concepts
- Algorithm Design
- Computer Networks
- Descriptive statistics
- Inferential statistics
- Probability theory

Modules:

- Year 1: Discrete Statistics, Programming concepts, Computational Statistics, Computer Fundamentals
- Year 2: Statistical Inference, Regression Modelling, Web and Mobile Application development
- Year 3: Survival Analysis, Time series Analysis and Forecasting, Design and analysis of algorithm, Projects, Cloud Computing and Artificial Intelligence
- Year 4 (Honours) : Computer Science Honors, Internet of things, Research oriented courses, Data mining and data warehousing, Computer Vision, UI/UX, Machine Learning

Career Prospects

- Technology: Software development , data science, machine learning, cybersecurity, IT consulting
- Finance: Quantitative finance, risk management, investment banking, financial modelling
- Academia: Research, teaching, data analysis
- Healthcare: Medical imaging analysis, clinical research, drug discovery
- Business: Business intelligence, data analytics, marketing analytics, supply chain management.

Brief description about the Programme:

The BSc (Computer Science, Statistics) is a dual major graduate programme, to nurture the confidence and skills of the students in Computer Science and Statistics. It aims to impart sound fundamentals and specialized aspects of Computer science and Statistics. The main objective of this course is to cultivate statistical thinking among students by acquainting them with various statistical methods and their applications in different fields. First four semesters give them in-depth knowledge in theoretical aspects of the subject whereas in the last two semesters, the students are exposed to the application of the subject in various fields like industry, agriculture and population studies. Also, the students are trained in using software packages for data analysis.

Minimum Eligibility Criteria:

- Basic eligibility for the programme is a pass at the +2 level (Karnataka PUC / ISC / CBSE / NIOS / State Boards) from any recognized Board in India.
- It is compulsory to have studied (Mathematics / Statistics) at Class XII level.
- Students pursuing International curriculum are according to AIU stipulations.
- Applicants pursuing IB curriculum must have 3 HL and 3 SL with 24 credits.
- Applicants pursuing GCE / Edexcel must have a minimum of 3 A levels, grade not less than C.
- Candidates writing their final year examinations in March-May are also eligible to apply.

Programme Outcomes:

- Understand and apply the fundamental principles, concepts and methods in key areas of science and multidisciplinary fields.
- Demonstrate problem solving, analytical and logical skills to provide solutions for the scientific requirements.
- Develop critical thinking with a scientific temper.
- Communicate the subject effectively.

- Understand the importance and judicious use of technology for the sustainable growth of mankind in synergy with nature.
- Develop a strong foundation in statistical theory to compete in a broad range of scientific, government, financial, health, technical and other fields.
- Analyze, interpret and report the findings of experiments or studies accurately using statistical tools and models.
- Acquire analytical and problem-solving skills using appropriate principles and methodologies of statistics in real life applications.

Fee Structure and other related details:

1. Admission Registration fee of INR 8000/ (Non-Refundable)
2. Programme fee as per the below table

Year	# Karnataka	Other Indian States	NRI	SAARC / AFRICA / PIO / OCI / ASEAN	Other Foreign Nationals	Time of Payment
1	90,000 INR	110,000 INR	160,000 INR	2,200 USD	2,500 USD	Within seven days of the declaration of the Selection Process Result
2	90,000 INR	110,000 INR	160,000 INR	2,200 USD	2,500 USD	On or before March 15, 2026

| 3 | 90,000 INR | 110,000 INR | 160,000 INR | 2,200 USD | 2,500 USD | On or before March 15, 2027 |
| 4 | 120,000 INR | 140,000 INR | 200,000 INR | 3,000 USD | 4,000 USD | On or before March 15, 2028 |

\# The fee for Karnataka domicile students, as indicated in the table, is the actual fee payable and excludes the scholarship amount.

It is to be noted that though the fee is fixed for four years, there may be a periodic nominal increase to meet the rise in costs.

1. NRI fee is applicable for the first year for candidates who have studied foreign syllabus (has to be approved by UGC / AIU) in the qualifying examination of study in India. In subsequent years Other Indian States fees will be applicable.
(The above condition is not applicable to NRI and candidates applied under NRI Category).

2. NRI fee is applicable for the full duration of the Programme for candidates who;
    2.1. Have pursued and completed their last qualifying exam from outside India.
    2.2. Are NRI and candidates who have applied under the NRI category.

3. To claim the Indian category fee, the candidates should have studied last 7 years in India. (Not applicable for OCI, PIO and Foreign Nationals).

4. Admission registration fee of INR 8000/- (US $100 for foreign nationals/PIO/OCI) is non-refundable in the event of cancellation of admission. This fee will be apart from cancellation charges if applicable.

5. All Candidates If "Selected" after appearing for the final selection process, the fee may be paid through the following option:
    Payment can be made through Net banking / NEFT / RTGS
    Payment / Transfer of fees does not guarantee admission.

Bsc Computer Science, Mathematics (Bsc CM)

The BSc undergraduate program in Computer Science and Mathematics provides students with a comprehensive and interdisciplinary education that combines the principles of computer science with the analytical rigour of mathematics. Designed to prepare students for the rapidly evolving digital landscape, the program equips them with a strong foundation in programming, algorithms, data structures, and software engineering while fostering advanced mathematical reasoning and problem-solving skills. Students explore various topics such as discrete mathematics, calculus, and linear algebra, gaining a deep understanding of the mathematical foundations that underpin Computer Science applications. Through hands-on projects, collaborative research opportunities, and real-world applications, students develop proficiency in coding and computational techniques and learn to apply mathematical concepts to solve complex problems in various domains. The integration between computer science and mathematics is where the true power of this joint honours degree lies.

Students discover the elegance and applicability of mathematics in computer science, using mathematical principles to design efficient algorithms and analyze complex computational problems. Conversely, computer science provides a platform for visualizing and exploring mathematical concepts, bringing abstract ideas to life through simulations and interactive models. The BSc Computer Science and Mathematics course is not merely an academic pursuit but a transformative journey into the heart of the digital era. It empowers students to become architects of change and innovators who shape the future with their combined computer science and mathematics expertise. Whether they delve into the depths of artificial intelligence, harness the power of data science, or explore the uncharted territories of cybersecurity, graduates are prepared to impact the world around them profoundly.

Why choose this course?

- Interdisciplinary Focus
- Research Opportunities
- Versatility in career paths
- Adaptability to technical advancement
- Competitive Advantage

- Skill enhancement

What will you learn?

- Problem-Solving Abilities
- Versatility in career paths
- Adaptability to technical advancement
- Continuous Learning
- Ability to work as a team to solve complex computational problems

Modules:

- Year 1: Operating Systems, Data Structures, Data Analysis using spreadsheet, Digital computer fundamentals and C Programming, Web application development.
- Year 2: Database Management System and software engineering, Java Programming, Data Analysis using Python, Mobile Application
- Year 3: Computer Networks, Cloud Computing, Design and Analysis of Algorithms, Computer Science Project 1, Artificial Intelligence, Computer Science Project-2
- Year 4 (Honors) : Internet of things, Neural networks and Deep learning, Computer Vision, UI/UX, Data Analytics, Data Mining and Data Warehouse, Machine Learning, Research Methodology, Research- Problem identification.

Career Prospects:

- Software Development
- Data Science and Analytics
- Artificial Intelligence (AI) and Machine Learning
- Web Development
- Operations Research
- Quantitative Analysis

Brief Description about the program:

The BSc (Computer Science, Mathematics) is a dual major graduate programme, to nurture the confidence and skills of the students in Computer Science and Mathematics. It aims to impart sound fundamentals and specialized aspects of computer science and mathematics.

The curriculum includes various theoretical and practical courses along with industry relevant software tools to prepare the young minds for the challenging opportunities available in the IT industries and research organizations. Also, based on the latest NEP guidelines, this programme offers a unique blend of flexible credit systems to support the individual learning needs with a research bent.

Minimum Eligibility:

1. Basic eligibility for the programme is a pass at the +2 level (Karnataka PUC / ISC / CBSE / NIOS / State Boards) from any recognized Board in India.
2. It is compulsory to have studied (Computer Science / Mathematics / Statistics) at Class XII level.
3. Students pursuing International curriculum are according to AIU stipulations.
4. Applicants pursuing IB curriculum must have 3 HL and 3 SL with 24 credits.
5. Applicants pursuing GCE / Edexcel must have a minimum of 3 A levels, grade not less than C.
6. Candidates writing their final year examinations in March-May are also eligible to apply.

Programme Outcomes:

1. Understand and apply the fundamental principles, concepts and methods in key areas of science and multidisciplinary fields.
2. Demonstrate problem solving, analytical and logical skills to provide solutions for the scientific requirements.
3. Develop critical thinking with a scientific temper.
4. Communicate the subject effectively.
5. Understand the importance and judicious use of technology for the sustainable growth of mankind in synergy with nature.
6. Understand and apply fundamental principles, concepts and methods of mathematics.
7. Demonstrate problem solving skills using mathematical techniques.
8. Apply appropriate methods and tools for research and development in the chosen discipline.

Fee Structure and other related information

1. Admission Registration fee of INR 8000/ (Non-Refundable)

2. Programme fee as per the below table

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5. All Candidates If "Selected" after appearing for the final selection process, the fee may be paid through the following option:
        Payment can be made through Net banking / NEFT / RTGS
        Payment / Transfer of fees does not guarantee admission.