



CARMEL VIDYA BHAVAN TRUST'S  
**CHRIST COLLEGE PUNE**  
(Affiliated to Savitribai Phule Pune University)



# CHRISTITE HANDBOOK

2023-24



# CONTENTS

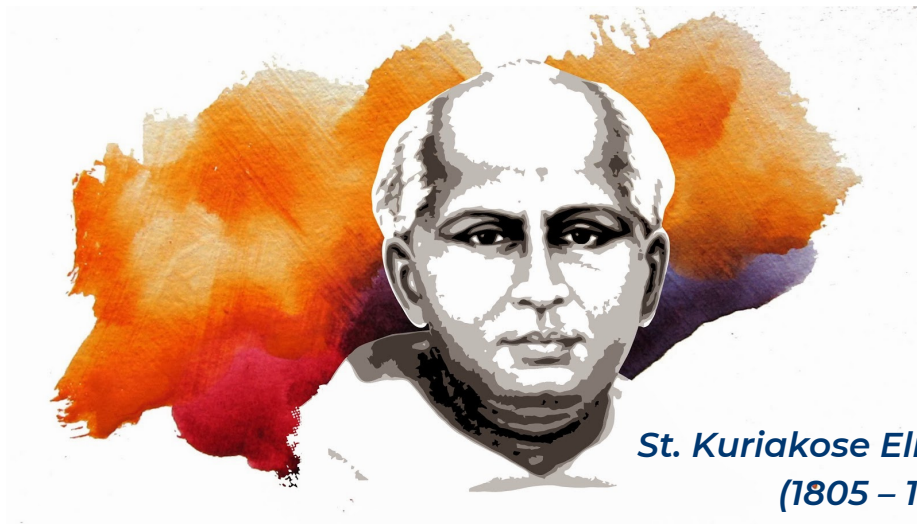
	Pg. No.
• <i>The Institution .....</i>	<i>03</i>
• <i>Vision, Mission and Core Values .....</i>	<i>05</i>
• <i>Graduate Attributes .....</i>	<i>06</i>
• <i>Academic Programs .....</i>	<i>12</i>
• <i>Assessment and Evaluation.....</i>	<i>22</i>
• <i>Campus Culture and Regulations .....</i>	<i>25</i>
• <i>Administrative Regulations .....</i>	<i>29</i>
• <i>Cells, Centres and Committees .....</i>	<i>31</i>
• <i>Campus Life .....</i>	<i>38</i>
• <i>Infrastructure and Facilities .....</i>	<i>40</i>
• <i>Course Structure .....</i>	<i>45</i>
• <i>The College Pledge .....</i>	<i>73</i>

# THE INSTITUTION

Christ College, Pune came into existence in the academic year 2007 – 2008. The multi-disciplinary Institution which focuses on teaching, research and service offers BA, B Com, B Sc (Computer Science), BBA, BBA (IB), BBA (CA), M Com and M Sc (Computer Science) courses. The college is affiliated to Savitribai Phule Pune University.

Christ College is well rooted in the noble tradition founded on the educational vision of Blessed Kuriakose Elias Chavara, the founder of the CMI congregation, which manages the Institution.

## OUR INSPIRATION



***St. Kuriakose Elias Chavara  
(1805 – 1871)***

Our inspiration, St. Kuriakose Elias Chavara, a great visionary and pioneer in the field of education and a great social reformer of Kerala, formulated the Carmelites of Mary Immaculate (CMI) congregation in the year 1831. Endowed with exceptional leadership and creative skills, his teachings based on practical knowledge were of profound importance to bring positive changes in society. He identified intellectual development as the first step towards social welfare, which resulted in establishing numerous educational institutions across the country. Continuing this yeoman service, the CMI institutions focus on nurturing individuals holistically, bringing about integral development of the society as a whole. A true Karma Yogi, a man of selfless action, St. Chavara inspires and leads us to continue his vision and mission.



## OUR HERITAGE

The Carmelites of Mary Immaculate (CMI), the first indigenous religious congregation of India with more than 2000 members, is rendering service to humanity in pastoral, educational and social fields, aiming at the integral development of the nation. The CMI Congregation manages 405 schools, 24 Degree colleges, 9 B.Ed. colleges, 5 Nursing Schools/ Colleges, 3 Engineering colleges, 1 Medical college and 1 University across the country.

Christ College, Pune, undertook path-breaking initiatives in Indian higher education with the introduction of innovative and modern curricula, insistence on academic discipline, imparting holistic education and adoption of global higher education practices with the support of creative and dedicated staff. It has become the first choice of the best and the brightest. The highly disciplined and clean campus provides the right atmosphere for systematic learning. Giving maximum importance to quality education, Christ College aims at the overall development of the students so as to equip them to effectively face the challenges of the modern world.

Christ College promotes a worldview in which the entire humanity is one family. It is very secular in its outlook. Students from across the globe belonging to different nationalities, castes, creeds and languages make it their 'home away from home' and enjoy the campus life here, in harmony.





## VISION

Inspired by the perennial response to the age-old aspirations of the Rishis of our Arsha Bharatha expressed in the Upanishadic prayer; 'Tamasoma Jyotirgamaya', Christ College, Pune has taken "Enlighten to Excel" as its motto. The attainment of true knowledge makes one enlightened so that one can lead oneself and others on the path of truth and achieve intellectual and ethical excellence.

## MISSION

As a C.M.I. Educational Institution, the college regards education as integral to the formation of the human person for the fulfillment of his/her individual and social responsibilities. The college aims at forming leaders who are intellectually competent, spiritually mature, morally upright, psychologically integrated, physically healthy and socially responsible, individuals who are open to grow and champion the cause of justice, love, truth and peace.

## CORE VALUES

The values our students imbibe are an integral part of their personal growth. As part of our value-clarification, we have prioritized our core values as follows and they help us all in conflict resolution.

- Faith in God
- Moral Uprightness
- Social Responsibility
- Pursuit of Excellence

# GRADUATE ATTRIBUTES

Theme	Sub-Theme	Attributes	Indicators
Academic	Academic Brilliance	Academic Brilliance	Scholastic knowledge in the selected discipline and achieving brilliance in performance to attain goals
		Domain Knowledge	Specialized knowledge in the respective discipline and well-defined professional skills
		Problem Solving Skills	Analyzing the issue and providing solution with practical and logical reasoning
		Knowledge Application	Using acquired knowledge for proper decision making
		Self-Study and Research Skills	Eagerness to learn and explore new domains through research
	Professional Brilliance	Professional Brilliance	Applying knowledge and skills to achieve organizational goals effectively
		Practical Skills	Apply theoretical knowledge to deal with real-world scenarios with positive outcomes



Theme	Sub-Theme	Attributes	Indicators
Academic	Professional Brilliance	Creative Thinking	Using unconventional but creative methods for problem solving
		Employability	Possessing academic and professional expertise along with soft-skills to succeed in a professional career
		Entrepreneurship	Having the potential to start new ventures, in line with latest market trends
		Continuous Learning	Keeping self-updated with latest trends and technologies through continuous learning
		Analytical Skills	Analyze information with logical perspective for problem solving or effective decision making
		Critical and Solution Oriented Thinking	Keen observation, unbiased approach and impartial judgement for providing solutions
		Global Perspective	Recognize and appreciate global cultures and traditions and have mutual admiration for all
		Innovativeness	Create new ideas and implement them to gain organizational advantage over others

Theme	Sub-Theme	Attributes	Indicators
Personal	Personality	Personality	Develop individual identity having unique characteristics
		Self-Awareness	Introspect one's actions, thoughts and behaviour for betterment in life
		Emotion related Self-Regulation	Ability to manage emotions effectively
		Self-Esteem	Take pride in self-achievements and have confidence on one's own abilities
		Humility	Be modest and humble and not be influenced by ego
		Accessibility	Always be available through various communication channels
		Personal Integrity	Have morally upright values and make decisions without any prejudice
		Adaptability	Adapting to the changes in new surroundings
		Tolerance	Show respect to others' views and opinions even if not in agreement with them
		Peer Recognition	Appreciate achievements of co-workers, colleagues



Theme	Sub-Theme	Attributes	Indicators
Personal	Personality	Sense of Transcendence	Ability to go beyond and connect with the Almighty through a sense of purpose, meaning, hope and gratitude
		Compassion	Show empathy and genuine concerns to others and assist them during their testing times
Inter-personal	Leadership	Leadership	Lead by example and motivate team members in achieving their goals
		Logical Resolution of Issues	Solving issues on the basis of logical and analytical reasoning
		Self - Confidence	Having trust in one's own actions and capabilities
		Initiative	Starting new endeavors and lead them by example
		Dynamism	Proactive in thoughts and actions for constructive tasks
		Empathy	Show deep understanding for others' problems and understand from their perspective
		Inclusiveness	Impartial and unbiased selection promoting equality without any discrimination

Theme	Sub-Theme	Attributes	Indicators
Inter-personal	Leadership	Team Building Skills	Treat all team members with respect. Encourage them to perform better and bond well with each other
		Facilitation	Ability to guide the team members to achieve their task with minimum emphasis on criticism
		Consultative Decision Making	Take inputs from others in decision making
	Communication	Communication	Exchanging of information by speaking, writing or using some other medium
		Verbal Skills	Using fluent yet simple language for effective narration in pleasant tone to ensure that the listener or reader is motivated to listen, follow or act
		Non-Verbal Skills	Efficient in conveying information informally in an amicable manner without exchange of words
		Mutual Respect	Respect others view and opinion while communicating either verbally or non-verbally
		Listening	Show keen interest and be an avid listener during conversation



Theme	Sub-Theme	Attributes	Indicators
Inter-personal	Communication	Clarity and Comprehensiveness	Clarity in all modes of communication, leaving no margin for misunderstanding or doubts
		Assertiveness	Ability to stand up for one's own or other's viewpoints in a calm and positive way, without being either aggressive or passive
Societal	Social Sensitivity	Social Sensitivity	Be aware of social issues and handle them sensitively without provoking anyone
		Respecting Diversity	Be aware of different cultures and their practices and treat them with respect
		Civic Sense	Be a responsible person in following civic rules
		Law Abiding	As a law-abiding citizen, adhere to rules and refrain from doing anything illegal
		Cross Cultural Recognition	Acknowledgement of and respect for other cultures and practices
		Knowledge Sharing	Impart knowledge to the underprivileged of the society
		Environmental Sensitivity	Show concern for flora and fauna and help in its preservation

Theme	Sub-Theme	Attributes	Indicators
Societal	Social Sensitivity	Social Awareness and Contribution	Work for the upliftment of the less privileged section of the society, understand their problems and contribute towards their upliftment

## ACADEMIC PROGRAMS

All programs follow the semester pattern. Each semester has credits for teaching. Each credit is equal to 15 hours. Changes as per the university guidelines shall be communicated from time to time.

### UNDERGRADUATE

BA (ECONOMICS)  
 B Com  
 BBA  
 BBA (IB)  
 BBA (CA)  
 B Sc (COMPUTER SCIENCE)  
 B Sc (REGULAR)

### POSTGRADUATE

M Com  
 M Sc (COMPUTER SCIENCE)



# BACHELOR OF ARTS (BA ECONOMICS)

3 years | 6 semesters |

BA Economics at Christ College-Pune provides the students with a broad educational experience that allows them to pursue varied professions. The course facilitates application of knowledge in solving, analysing and exploring real life situations. The program is a blend of theoretical knowledge of the subject along with application of the same. The students are introduced to the fundamentals of economics, project based teaching along with research aptitude.

## KEY EXPERTISE OFFERED

- Micro and Macro Economics
- Applied Excel
- Applied Statistics and Econometrics
- Policy Making
- Data Analysis
- Data Visualisation

## PROSPECTS FOR CAREER

- Economist
- Investment Banker
- Economic Analyst
- Data Analyst
- Bureaucrat
- Research Analyst

# BACHELOR OF COMMERCE (B Com)

3 years | 6 semesters | 1 internship program

A vibrant educational institution for students, that equips them with knowledge and skills in all domains, with the core objective of imbibing values and exploring hidden talents. The program provides a platform to realise their full potential and thus making students employable globally. Three years at Christ College Pune will foster students with professional excellence, entrepreneurship skills and make them a responsible citizen. Apart from curriculum, students are introduced to industry experts and scholarly research. With such academic and professional exposure, students are prepared for a variety of business roles and acquainted for higher education. The program is a blend of academic specialization and activities such as practical exposure, research projects, corporate connect programs, industrial visits, certification programs, placement drives and commerce club.

## PROSPECTIVE CAREERS

- Financial Analyst
- Banking Sector
- Auditing and Taxation Executives
- Financial Risk Manager

## CORE FOCUS OF THE COURSE

- Accounting and Taxation
- Auditing
- Banking and Finance
- Business Communication and Legal Aspects
- Cost Accounting

## HIGHER EDUCATION PATHWAYS

- M Com - Master of Commerce
- MBA - Masters in Business Administration
- CA - Chartered Accountant
- CS - Company Secretary
- CMA - Cost and Management Accountant
- ACCA - Association of Chartered Certified Accountants
- CPA - US Certified Public Accountant
- CFA - Chartered Financial Analyst

# MASTER OF COMMERCE (M Com)

2 years | 4 semesters |

A higher education institute for students seeking postgraduate program in commerce, which enables them to accept the challenges of business world by providing opportunities for study and analysis of advanced commercial and business methods and processes. A program, which focuses on equipping students to seek suitable careers in management and entrepreneurship. This two-year program at Christ College Pune will acquaint students with significance of research in business, skills of data collection & interpretations, communication and analytical skills. The M Com program offered is outcome based which enhances the horizon of knowledge so as to enable the learners to carry out qualitative research and pursue academic or professional careers, develop problem analysing skills and foster the ability to engage in life-long learning.

## PROSPECTIVE CAREERS

- Teaching and Research
- Accounting and Auditing
- Consulting Firms
- Investment Banking
- Tax Advisory
- Financial Services
- Insurance Services

## CORE FOCUS OF THE COURSE

- Industrial Economics
- Cost Accounting
- Financial Analysis
- Strategic Planning
- Tax Advisory
- Financial Services
- Insurance Services



# BACHELOR OF BUSINESS ADMINISTRATION (BBA)

3 years | 6 semesters |

This course aims at providing adequate understanding of the business management concepts. It is designed to develop competent individuals with entrepreneurship acumen capable of applying qualitative and quantitative skills to provide viable solutions to business problems. The program aims to create sensitivity to social, ethical and sustainability issues. With a choice of specialization in Finance and Human Resource Management, the institute offers a blend of activities including add-on courses, internship program, mentoring and guidance sessions, industrial visits etc.

## SKILLS YOU DEVELOP

- Business Intelligence
- Critical Thinking
- Decision Making
- Communication
- Teamwork

## PROSPECTS FOR CAREER / HIGHER EDUCATION

- Product Manager
- Business Development Executive
- Finance and Accounts Executive
- Market Research Analyst
- Human Resource Manager
- Supply Chain Manager
- MBA
- CA/CS/CFA
- CCAP
- MMS/MFM
- PGD in Event Management
- Financial Risk Management

# **BACHELOR OF BUSINESS ADMINISTRATION – INTERNATIONAL BUSINESS BBA (IB)**

3 years | 6 semesters |

This course strives to provide a global outlook and exposure to students. It is designed to equip them with managerial and entrepreneurial skills along with various theoretical and practical aspects of international business, thus making them aware of the global business environment. This program aims to inculcate cross-cultural attitude and develop ethical and social consciousness in the students. To develop industrial employability and global competency, the institute offers foreign language, add-on courses for soft skills, compulsory internship program, field visits, mentoring sessions and insights from corporates.

## **SKILLS YOU DEVELOP**

- Problem Solving
- Critical Thinking
- Communication
- Global Competence
- Strategic Decision Making
- Handling Cultural Diversity

## **PROSPECTS FOR CAREER / HIGHER EDUCATION**

- International Operations Manager
- International Marketing Executive
- Global Market Research Analyst
- International Brand Development Executive
- International Supply Chain Manager
- Data Analyst
- Services Management Executive
- MBA (IB)
- PGD in International Business/ Risk Management/Public Relations

# BACHELOR OF BUSINESS ADMINISTRATION – COMPUTER APPLICATIONS BBA (CA)

3 years | 6 semesters |

This course is designed to provide a sound academic base for an advanced career in computer applications coupled with various managerial and business skills. It focuses on conceptual understanding of computer usage for application in diverse aspects of business management. This program provides a profound knowledge of all three disciplines of computers, commerce and management, thus creating a plethora of varied job opportunities for students. The institute aims to inculcate basic programming ability and software development skills in students through real time projects. It also ensures that students are made corporate ready by offering add-on courses for skill enhancement, hands on training, field visits and guidance sessions.

## SKILLS YOU DEVELOP

- Managerial Skills
- Communication Skill
- Analytical and Logical Thinking
- Advanced Computing and Programming Skills

## PROSPECTS FOR CAREER / HIGHER EDUCATION

- Digital Marketer
- Software Developer · Software Tester
- Web/Graphic Designer
- Network Analyst
- IT sales and Marketing Executive
- Tech Management Executive
- MBA
- MCA
- CCAP
- PGD in Data Science/AI/Data Analytics

# BACHELOR OF COMPUTER SCIENCE B Sc (CS)

3 years | 6 semesters |

The B Sc (Computer Science) program at Christ College deals with the topics related to computer science, computer application and its services. Our program polishes and sharpens software skill sets of the students like software development, software testing, operating system, JAVA programming and prepare them to take up the future challenges. The knowledge and skills learned during the course are incredibly valuable for today's job market. The main aim of this program is to create quality professionals who can work in various sectors by applying computer technologies and software. Our program offers focused education that leads a student to corporate level thinking and provides practical exposure through simulation, project EXPO, conferences, seminars etc. that aids the students to gain an in-depth understanding of theories.

## KEY EXPERTISE OFFERED THROUGH ELECTIVES

- Networking
- Software Testing
- Full Stack Development
- Operating System Development
- Data Science
- Object Oriented Programming
- Application Development

## PROSPECTS FOR CAREER

### Development

- Software Developer
- Programmer
- Content Manager
- Quality Assurance
- Technical Writer

### Networking

- Technical Support Engineer
- Network Programmer

### Analytics

- Database

# MASTER OF COMPUTER SCIENCE M Sc (CS)

2 years | 4 semesters | 5 months full time Internship |

The M Sc (Computer Science) program at Christ College is designed to provide students a thorough grounding in theoretical and practical aspects of computer science. Our program polishes and sharpens software skill sets of students like software development, software testing, AI, machine learning and networking-based skills which prepares them to take up future challenges. The knowledge and skills learned during the course are extremely valuable for today's job market. Our program offers focused education to develop advanced programming skills and strategies to solve logical challenges. This aids the students to develop technical thinking and generate research aptitude. Alongside, various practical exposure through industrial training, simulation, project EXPO, conferences, seminars etc. that aids the students to gain an in-depth understanding of theoretical concepts.

## KEY EXPERTISE OFFERED THROUGH ELECTIVES

- Machine Learning
- Artificial Intelligence
- Cloud Computing
- Android Programming
- Web Technology
- Software Architecture and Design Pattern
- Big Data
- Hadoop

## PROSPECTIVE CAREERS

- Software Developer
- Software Quality Analyst
- Hardware Design Engineer
- Application Developer
- Software Configuration Manager
- IT Security Specialist
- UX Designer
- Project Manager
- Network Programmer



# BACHELOR OF SCIENCE B Sc (REGULAR)

3 years full time course | 6 semesters

B Sc (Regular) program at Christ College Pune fosters value-based education, enriches project-based learning and creates foundation for research. We train the students in skill-oriented courses. Our aim is to increase self-confidence, develop scientific temper and analytical skills of the students. The program facilitates systematic and thorough learning towards better understanding of the subject. The well-planned curricula motivates the students for inculcating skills required for becoming a successful professional as well as researcher.

## KEY EXPERTISE OFFERED THROUGH ELECTIVES

- Information Processing
- Critical and Creative Thinking
- Digital Competence
- Sense of Initiative and Entrepreneurship
- Problem Solving
- Decision Making

## PROSPECTIVE CAREERS

### B Sc (Mathematics)

- Data Analyst
- Machine Learning Engineer
- General Manager
- Actuarial Science
- Economist
- Numerical Analyst
- Cryptanalyst
- Operational Researcher
- Financial/Investment Analyst
- Research Scholar/ Scientist
- Government Services

### B Sc (Physics)

- Research Associate/Assistant
- Space Scientist
- Technician
- Data Analyst
- Lab Supervisor
- Actuary
- Radiologist
- Consultant
- Lecturer/Professor
- Material Sciences Physicist
- Meteorologist
- Particle Physicist
- Geologist

# ASSESSMENT AND EVALUATION

The Examination Cell of the college deals with all the matters connected with student's internal & external examination and evaluation.

As per the university guidelines, the academic year for Undergraduate and Postgraduate Programs is divided into two semesters. The Choice Based Credit System (CBCS) is adopted for assessment and evaluation. The Choice Based Credit System not only offers opportunities and avenues to learn core subjects but also explores additional avenues of learning beyond the core subjects for holistic development of an individual.

## UNDERGRADUATE PROGRAM STRUCTURE

### Guidelines:

- All the Undergraduate Degree programs are of three years duration.
- The total no. of credits required for the completion and award of Undergraduate Degree is 132 credits. In addition to the compulsory credits of 132, the student has to earn additional 8 credits for add on courses. Out of these additional 8 credits, it is mandatory to earn credit each for Physical Education and Democracy courses to get promoted to the next class.
- One credit is equivalent to 15 hours.
- A student is required to earn 132 credits in a minimum period of six semesters.
- The final CGPA (Cumulative Grade Point Average) is calculated on the basis of 132 credits.
- There is a 15 week of teacher-student interaction during the semester.
- The 15 week is divided into 12 weeks teaching and 3 weeks for continuous assessment including preparation time to students during the semester (for theory course).
- Each theory lecture for FY, SY, TY is of 50 mins.
- The course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism.
- There shall be revaluation of the answer scripts of semester-end examination of theory papers only but not of internal assessment papers as per ordinance no. 134 A and B.

### **A.T.K.T. Allowed to Keep Terms Rules**

- Minimum number of credits required to take admission to Second Year: 20 [50% of total credit in first year]
- A student cannot register for the third semester, if he/she fails to complete 50% credits of the total credits expected to be ordinarily completed within two semesters. In this case, a student can seek admission to first or second semester in order to complete the requisite number of credits and to be able to seek admission in the third semester.
- If a student fails in all the courses (subject heads) of passing of semester I/II/III/IV shall be allowed to proceed to the next semester. No candidate shall be allowed to proceed to semester V unless the candidate has cleared semester I & II in all courses (Subjects).

## **POSTGRADUATE PROGRAM STRUCTURE**

### **Guidelines:**

- All the Postgraduate Degree programs are of 2 years duration.
- The minimum total no. of credits requirement for each program is 80.
- In the structure, the credits are distributed over 4 semesters.
- Each credit is equivalent to 15 clock hours of teaching.
- The course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism.
- Continuous assessment shall be of 30 marks (30%) while University Evaluation shall be of 70 marks (70%).
- To pass in a course, a student has to secure minimum 40 marks (40%) provided that he should secure minimum 28 marks (40%) in University Evaluation (UE) and 12 marks (40%) in continuous assessment.
- Each course having 4 credits shall be evaluated out of 100 marks and student should secure at least 40 marks (40%) to earn full credits of that course.
- Each course having 3 credits shall be evaluated out of 75 marks and student should secure at least 30 marks (40%) to earn full credits of that course.
- Each course having 2 credits shall be evaluated out of 50 marks and student should secure at least 20 marks (40%) to earn full credits of that course.
- Each course having 1 credit shall be evaluated out of 25 marks and student should secure at least 10 marks (40%) to earn full credits of that course.
- A student who earns 80 credits, shall be considered to have completed the requirements of the award of Postgraduate Degree and CGPA will be calculated for such student.

### **A.T.K.T. Allowed to Keep Terms Rules**

- Minimum number of credits required to take admission to Second Year: 20 [50% of total credit in first year]
- A student cannot register for the third semester, if he/she fails to complete 50% credits of the total credits expected to be ordinarily completed within two semesters. In this case, a student can seek admission to first or second semester in order to complete the requisite number of credits and to be able to seek admission in the third semester.
- If a student fails in all the courses (subject heads) of passing of semester I/II shall be allowed to proceed to the next semester. No candidate shall be allowed to proceed to semester III unless the candidate has cleared semester I & II in all courses (Subjects)

### **PERCENTAGE TO GRADES AND GRADE POINTS**

<b>Grade Letter</b>	<b>Grade Point</b>	<b>Marks</b>
O (Outstanding)	10	$90 \leq \text{Marks} \leq 100$
A+ (Excellent)	9	$75 \leq \text{Marks} \leq 89$
A (Very Good)	8	$60 \leq \text{Marks} \leq 74$
B+ (Good)	7	$55 \leq \text{Marks} \leq 59$
B (Above Average)	6	$50 \leq \text{Marks} \leq 54$
C (Average)	5	$45 \leq \text{Marks} \leq 49$
D (Pass)	4	$40 \leq \text{Marks} \leq 44$
F (Fail)	0	$\text{Marks} < 40$
Ab (Absent)	0	

# CAMPUS CULTURE & REGULATIONS

**College Timings: 8:30 am to 4:00 pm**

## **Code of Conduct**

Students shall conduct themselves in their dress, demeanor and sense of discipline in all aspects. Those who are guilty of serious misconduct or whose presence in the College is detrimental to the order and discipline on the campus are liable to be expelled. Code of conduct on the campus includes safeguarding the college property, keeping the place clean and tidy and dressing up decently.

## **Dress Code**

As a mark of respect for our common identity as Christites, it is imperative to follow a dress code to create a sense of unity and homogeneity. The dressing should conform to the norms of decorum befitting an institution of higher learning. Students should be dressed modestly in conformance to the college requirements. The college has assigned a specific uniform, a college T-Shirt and a set of formal wear for boys and girls of each department.

The following is the dress code:

### **Dress Code for Boys:**

- Monday to Friday: Students will have to wear either college Uniform or Formals (i.e. full-length trousers, shirts) on the prescribed days as specified by their department.
- Saturday: Students may wear either college T-shirt or any formal wear.
- Students must wear black formal shoes (on uniform day)
- Students should NOT wear shorts, Jerseys, caps, torn jeans inside the college premises.
- Shorts, Jerseys and caps are allowed only during sports day or during sports training.
- Nose/ lip/ eyebrow / earrings or piercing are not to be worn inside the college premises.

### **Dress Code for Girls:**

- Monday to Friday: Students will have to wear either college Uniform or Formals (i.e. Salwar Kameez and Dupatta or full-length trousers and shirt) on the prescribed days as specified by their department.
- Saturday: Students may wear either college T-shirt or any formal wear.
- Students must wear black formal shoes (on uniform days)
- Students should NOT wear sleeveless tops, half skirts, shorts, jerseys, torn jeans inside the college premises.
- Shorts, Jerseys and caps are allowed only during sports day or during sports training.
- Lip ring /eyebrow ring or piercing are not to be worn inside the college premises.

Strict action will be taken against those not adhering to the prescribed dress code.



## **Identity Card**

Every student of the college is issued an Identity Card that is a symbol of belonging to a premier institution. It is a means of identification in the event of accidents, medical and other emergencies. The College urges students to understand the spirit of wearing of identity cards and to comply with rules as it is.

- Every student must have an identity card. He/ She should always wear it on person while on campus and should produce it whenever called upon to do so by the concerned authorities.
- Students are required to wear ID card in the examination hall.
- At the beginning of the year, each and every student of the college should take his/her Identity Card and Library Card for home lending from the library. This will be available two days after he/she produces his/her Identity Card size photographs along with Admission Receipt and the correctly filled in prescribed form available in the library.
- A student is required to collect his/her Identity Card within 15 days from the date of admission.
- The loss of Identity Card should be reported immediately to the office with an application Rs. 500/- will be charged for duplicate Identity Card.
- At the time of issuing a book, the Identity Card must be presented along with the Library Card. Without Identity Card the reader may be refused the use of the Home Lending facility.
- Every student entering the library must present his/her own Identity Card as well as Library Card, otherwise the use of the library will be denied.

## **Discipline**

One of the essential behaviours in life is discipline, which is the key to achievement. Discipline refers to orderliness in life that is necessary for success in one's life. In a student's life discipline means working with all honesty with strict adherence to rules and regulations, cultural standards, and values of the institution where they are educated. Christ College is proud to regard itself as the platform that helps students to build discipline and pushes them to strengthen it each day. They are encouraged to always maintain the decorum and discipline, both inside and outside the campus. As such students are advised to comply with the college code of conduct in letter and spirit. Any act of indiscipline, insubordination or misbehavior by any student will attract punishment.

- Students are forbidden from abstaining from their classes for any private purpose or organizing and attending any private meeting within the college, collect money for any purpose, circulate any notice or petition of any kind among the students or paste it on the college notice board without the written permission of the Principal.
- Damage to institute & campus property due to negligence/lack of care would attract punishment and compensation for loss caused.
- Instigating or abetting collective insubordination will be viewed very seriously.
- Consumption or possession of alcohol/drugs and being under their influence while on campus or at functions is prohibited.
- Theft, gambling, sexual harassment, physical fights/bouts with each other, smoking and chewing pan, tobacco or gum in the campus is strictly prohibited. Indecent behaviour in public places will be dealt with severely by the Director/Principal of the College.
- Eatables are not permitted in Classrooms, Computer Lab, Smart Room A/V Room, Library and Office area.
- Use of net connectivity for non-academic purpose is not permitted during college hours.
- Littering in the campus is strictly prohibited.
- The behavior of the students at all times, within or outside the campus must be above board and must reflect a sense of responsibility.
- The admission of a student, who had been admitted to the program/ college based on any form of misrepresentation of facts, will be cancelled as soon as such misrepresentation comes to surface no matter at what stage of the program he/ she is studying in. Further, he/she will forfeit the tuition fees paid for the program.
- Any student misbehaving in class, use of unparliamentary language, and behaving arrogantly towards the faculty & staff or fellow students will be severely punished.

## **Campus Etiquette**

- Students should greet teachers when they meet them for the first time in the day within the premises of the college, and whenever they meet them in public.
- When the teacher enters the classroom, the students must rise and greet the teacher and stand until they are directed to sit, or till the teacher takes his/her seat. When the attendance is taken, students must stand up one by one and answer to their name or register number, whichever is called.
- Students are expected to be seated in their respective classrooms at the stroke of the first bell and wait for the teacher. During lecture hours, students are not permitted to loiter in the corridors.
- Students are expected to make use of the library during free periods.
- Absence from classes without genuine reasons will not be entertained.
- Students must possess their identity card and handbook whenever they come to the college and produce it whenever asked for.
- Only students who are on the rolls of the college and their parents shall enter the college campus. Students are not expected to entertain strangers.
- Tests are held periodically in every subject. Attendance for periodic tests is compulsory.
- Complaints of any kind should be made only through proper representatives of their respective classes, or through the student council members.
- Movements of vehicles in the college campus shall be in moderate speed and honking in the campus is not allowed.

## **Ragging**

Anyone found indulging in ragging in any form within or outside the campus, shall be instantly expelled from the College. [Provisions of the Maharashtra Prohibition of Ragging Act, 1999.]

- Ragging within or outside any educational institute is prohibited.
- Penalty for ragging: Whoever directly or indirectly commits, participates in, abets or propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term which may extend to two years and shall also pay fine of ten thousand rupees.
- Dismissal of student: Any student convicted of an offence under penalty for ragging shall be dismissed from the educational institution and such other educational institution for a period of five years from the date of order of such dismissal.
- The result of the student will be withheld.
- Any kind of free ship / scholarship will be cancelled.

## **Attendance**

Every student has to make a habit of being punctual and on time in the class. Strict action will be taken against the latecomers.

As per university guidelines, every student must have minimum 75% attendance of the total number of lectures conducted in the class. The student will not be eligible to appear for the examination if he/she fails to put in the required attendance. Student will get attendance for participating in inter-collegiate events, sports, NSS activities, industrial and field visits etc.

# **ADMINISTRATIVE REGULATIONS**

## **Fee Regulation**

The college fee is collected online through the following parent portal:

[christ.appsis.co.on/ppn/#login](http://christ.appsis.co.on/ppn/#login)

## **Issuing of Certificates**

1. Applications for certificates, viz. age, conduct, course, T.C., Bonafide, LOR, Transcript etc., must be made to the office in writing. If the certificates have to be sent by post, it must be accompanied by a stamped self-addressed envelope.
2. Applications for certificates should contain the following particulars:
  - The student's full name
  - The month and the year in which the student joined the college, the registered number, the course and the class in which the student was originally enrolled.
3. A nominal fee shall be charged for every certificate.
4. The certificates will be issued only after four days.
5. Duplicates will not be issued.
6. Duplicate of transfer certificate will not be issued.
7. Students applying for certificates, testimonials and other documents requiring the Principal's signature should contact the office. All the details have to be verified before the documents are signed.

## Leave Regulations

1. The student must intimate reason for leave to the concerned class-in-charge.
2. For 3 days leave: If the student takes treatment from a private doctor, then he/she has to submit the leave application with medical certificate to the class-in-charge. He/She may at the discretion of the HoD accept it or require the student to have it authenticated from the Principal / Director.
3. For local students: In case the medical leave is likely to extend for a period of more than three days, then it is mandatory for the students to be present in person or to inform on telephone to the College as the case may be about the sickness. Sanction of leave for more than three days will have to be obtained before the fourth day itself and not at the time when the student comes back to college. Continuation of sick leave beyond three days will have to be notified to the College.
4. For outstation students: In case the student is admitted to a hospital or has fallen sick during his visit home or is so incapacitated, it is obligatory for him/her to submit a medical certificate issued by the doctor treating him/her and giving details of his/her medical condition, indicating the possibility of medical leave extending beyond three days.
5. Please note that except in the case hospitalization authenticated by the College, absence on medical grounds beyond 25% shall not be condoned i.e., the student is still required to have 75% attendance.
6. In case of hospitalization duly authenticated by the College, absence beyond 25% may be condoned as per the advice of the doctors at the College and at the discretion of the Head. However, for no reason including hospitalization will the student be permitted to appear for the semester end examinations, if his/her attendance has fallen below 50% for the semester.
7. No back dated medical leave will be granted to the students on any ground whatsoever.
8. On no account will students be allowed to remain absent for any mid-semester, term-end and practical examinations conducted by the institute or continuous assessment conducted by faculty in class. The student will be entirely responsible for such absence. This may be detrimental to the overall performance and results of the student.
9. Student should inform and take prior permission (written) from the concerned authorities for outstation leaves.
10. Student should be punctual in attendance and must be in his/her seat at the commencement of the lectures.

Note: The total number of lectures missed on the grounds mentioned above should not in any case exceed 25%. Grant of permission does not mean that the absence has been condoned for the purpose of computing attendance. However, cases under hospitalization may be exceptions.



### **Travel Concession**

Since Railway rules prescribe that travel concession will be allowed only for designated vacations, such concession forms will not be made available for travel in between vacations whatever be the reason.

### **Medical Check-up**

Medical check-up is compulsory for all first-year students. College cannot forward exam forms to the University for those who do not attend the medical check-up.

## **CELLS, CENTRES AND COMMITTEES**

### **Internal Quality Assurance Cell (IQAC)**

IQAC is a quality sustenance measure of the institution that works towards realisation of goals of quality enhancement and develops a quality culture in the institution. It aims to develop a system for conscious, consistent and catalytic improvement in the overall performance of the college. It acts as a dynamic system for quality changes and builds an organised methodology of documentation of processes, procedures, policies and activities. It takes efforts and measures in promoting holistic academic excellence of the institution and aims for progressive administrative performance.

### **Student Council**

The Student Council is the apex body of the college which is responsible for the welfare of students in the college by ensuring the smooth functioning of all the activities and student bodies. It is a body of the students, by the students and for the students. It integrates the academic and co-curricular spheres of students' lives, linking the out-of-class experience to the academic mission of the Institute and incorporating student's intellectual, public service, and leadership interests with their future aspirations. It collaborates with students, faculty, administrators, and other partners both inside and outside of the Christ College Pune community to ease and complement the quality of life and learning for students.

### **Placement Cell**

The Placement Cell takes initiatives to explore new career avenues for undergraduates and postgraduates. It focuses on the professional development of students and also helps students in career planning through career counselling where they get an insight about themselves in terms of their interests, aptitudes, and abilities. The Cell organizes workshops and training sessions to enhance career guidance and development of students. Campus recruitments are organized every year.

## **Alumni Association**

Christ College has an Alumni Association, the members of which meet often for the mutual benefit of the college, students and the alumni. Since the inception of Christ College Alumni in the year 2012, the alumni contribute to their alma mater in various ways for the development of college.

The Alumni Committee comprises of teaching staff and alumni across all the disciplines. Alumni executive council is selected for the tenure of one year during the annual meeting and the committee meets twice in a year for planning out activities. Few of the activities undertaken by alumni are:

- They are regularly invited to deliver guest lecturers in their area of expertise.
- They help with internships for current learners, in career guidance and mock interviews and also help in organizing industrial visits and placements.
- They assist and support the efforts of the college in obtaining resources for its development and provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues.

## **Research Cell**

The Research Cell is integral to guiding research and development activities, aiming to foster innovation and contribute to academic excellence. The Cell is responsible for constructing new R&D and research policies for our institution, ensuring they align with our academic goals. It also focuses on building and maintaining relationships with research centers, institutions, and industry organizations to stay updated on research and development initiatives. The Cell actively encourages faculty members to pursue Ph.D. studies and guides them to advance knowledge, address societal needs, and stimulate innovation. Moreover, the Research Cell conducts research and surveys to identify entrepreneurial opportunities for our students, in addition to organizing events like research project exhibitions & competitions, and business stalls. It maintains records of research guides within the institute and those associated with research centers of the college. Furthermore, the Research Cell collaborates with department heads to organize research conferences, workshops, seminars, and Faculty Development Programs (FDPs). It also motivates faculty and students to publish their research works as journals or conference publications, furthering our commitment to academic and research excellence. The Research Cell stands at the forefront of academic innovation and development, driving the institution's mission to advance knowledge and contribute to societal progress.

### **Anti-Sexual Harassment Cell**

The College has a zero-tolerance policy towards sexual harassment and provides timely and adequate compliance of the directions in this regard contained in the UGC Regulation. This Regulation applies to all students, employees (irrespective of their tenure, position, designation or gender) and visitors (in whatever capacity) of the college. The Anti-Sexual Harassment Cell of Christ College has an internal committee responsible for investigating formal written complaint by aggrieved person. The committee is responsible to take appropriate measures to respond to any substantiated allegations of sexual harassment. The committee is liable to examine and report on the complaint with regard to its veracity.

### **Anti-Ragging Cell**

Ragging in its all forms is a criminal offence and shall be completely banned in the institution. The College has constituted Anti-ragging Cell which includes the Head of the Institution, the Principal, faculty members and representatives of students with a diverse mix of membership in terms of level as well as gender.

It is the duty of the Anti-Ragging Committee to ensure compliance with the provisions of UGC Anti Ragging Regulations as well as the provisions of any law for the time being in force concerning ragging.

### **Students Grievance Redressal Cell**

Students Grievance Redressal Cell at Christ College Pune with a responsible and receptive attitude, ensures a harmonious academic atmosphere in the college. The students enjoy the freedom to express their concerns and worries through the cell without any fear of being victimized. The cell investigates, resolves and generates effective solutions for every minute grievance that is registered to it. Upholding the vision of the college the cell also works towards promoting cordial relations among students and students, students and staff and other stakeholders of the institution. It looks after the protection of rights and ensures to meet the genuine requirements of students from time to time.

### **Women Cell**

Women Cell aims to empowering and orienting female students and staff to recognize their potentials and to help them attain their own stand in a competing world. The Cell has both the faculty and students' representatives as its members and work with an aim to create a gender sensitized community.

### **Code of Conduct Monitoring Committee**

The College Code of Conduct Monitoring Committee is formulated to maintain strict discipline in the college campus. The committee ensures that the students follow the college rules and regulations and maintain the decorum of the college.

### **Scholarship Cell**

The Scholarship Cell serves the purpose of providing help to students for their higher studies. The Cell shares the information of available scholarships and fellowships periodically with the students through notices, and guides and supports them through the application process.

### **Diyang Cell**

The Cell is dedicated to promoting inclusivity for students with disabilities, ensuring equal access to education and campus resources. Responsibilities include making the college facilities and digital resources accessible, fostering an inclusive environment, raising awareness about disabilities, advocating for students' needs, and creating a supportive community. The Cell strives to make the college environment welcoming and supportive for all students, regardless of their abilities, facilitating a sense of belonging and equality within the campus community.

### **Electoral Literacy Club**

The Christ College Electoral Literacy Club is a dynamic student-led initiative committed to promoting electoral literacy and civic engagement among the student body. Established with the aim of fostering a politically aware and active student community, the club conducts various activities and events to enhance understanding of the electoral process and encourage responsible citizenship. The club hosts workshops on the electoral system, including voter registration and the importance of voting. Guest lectures by experts provide diverse perspectives. Actively engaging in voter registration drives and collaborating with election authorities, the club promotes responsible citizenship. The Christ College Electoral Literacy Club inspires politically conscious individuals, encouraging informed and engaged participation in the democratic process.

### **Equal Opportunity Cell/Minority SC-ST, OBC Cell**

The Equal Opportunity Cell/Minority SC-ST, OBC aims to oversee the institution's minority group policy, provide academic and counseling support, and promote diversity on campus. It strives to prevent discrimination, ensure a barrier-free admission process for minority students, and address grievances. Responsibilities include safeguarding student interests, preventing discrimination, ensuring a harassment-free environment, providing permitted privileges to minority students, conducting diversity workshops, and disseminating anti-discrimination measures on the website. The Cell also submits reports on its activities to the authorities.

## **Centre for Holistic Development**

The Centre for Holistic Development at CHRIST College prioritizes nurturing the mind, body, and spirit to create a harmonious and balanced life. This dedicated space ensures that students' personal growth and well-being take center stage. At CHRIST College, the emphasis is on understanding that education is more than just academic excellence; it's about nurturing individuals into well-rounded, confident, and resilient beings. The Centre for Holistic Development is a commitment to this ethos.

A counselor is readily available to provide a compassionate listening ear, offer guidance, and extend comfort to students grappling with a diverse array of personal, academic, or emotional challenges. One of the key focuses is on students who may have faced obstacles in realizing their full potential due to motivational factors or other challenges. Diligent efforts are made to develop remedial systems that help these students overcome their barriers and excel both academically and personally.

The aim is to provide comprehensive support to students, ensuring that they thrive in their academic pursuits and overall well-being. At CHRIST College, Pune, the Centre for Holistic Development is not merely a service but a commitment to nurturing the holistic growth of students, equipping them to face the challenges of today's world with confidence and resilience. All students are invited to approach the dedicated counselors for guidance and support on their journey toward personal and academic success.

## **Corporate Advisory Board (CAB)**

A Corporate Advisory Board (CAB) holds a pivotal role in higher education institutions by serving as a bridge between academia and the corporate world, providing invaluable industry insights, guidance, and support. The board's responsibilities encompass strategic guidance, offering advice on industry trends, challenges, and opportunities to inform long-term planning, program development, and research priorities. Collaborating with faculty and academic leaders, the CAB ensures curriculum development aligns with industry standards, preparing students for the workforce. Additionally, the board identifies research areas, fosters collaborations between the institution and corporate partners, supports innovation initiatives, and provides input on projects addressing real-world challenges. The CAB plays a crucial role in industry networking, establishing connections and opportunities for collaboration, and serving as ambassadors for the institution within the corporate community. Regular attendance and active participation in CAB meetings are key aspects, where members contribute their expertise and guidance to further the institution's goals.



### **Centre for Digital Media (CDM)**

The Centre manages all college social media pages and ensures standardization of documents following the institution's branding policies for public dissemination. CDM is responsible for approving and recommending modifications to content, design, and content execution to align with the University's guidelines.

The Centre for Digital Media creates promotional videos, produces after-movie content, and curates series for the institution's YouTube channel and other social media platforms. Diligently archiving all video and audio content, CDM makes it readily accessible to faculty and students for educational purposes. Dedicated to fostering the growth of Christ College, this exclusive unit designs and produces media content for internal and external promotion of significant events and developments within the University. CDM also provides comprehensive coverage of major seminars, workshops, events, and conferences organized by each department. Additionally, the Centre actively manages the college website and social media pages while offering valuable design and video production support.

### **Centre for Entrepreneurship and Startup (Nirmiti)**

Start Up and Innovation Centre plays a crucial role in fostering entrepreneurship, innovation, and the growth of new businesses. It is adaptable and responsive to the needs of the local entrepreneurial ecosystems.

### **Centre for Professional Training**

The Centre for Professional Training focuses on providing specialized training and development opportunities aimed at enhancing individuals' skills, knowledge, and employability. The Centre's objectives revolve around several key roles and responsibilities. These include enhancing employability by offering specialized training programs that equip students with industry-relevant skills, facilitating continuous professional development for faculty and staff, fostering collaborations with industries to align training programs with industry needs, supporting research and development initiatives in professional training methodologies, contributing to the institution's quality enhancement efforts, and extending professional training opportunities to the local community to promote lifelong learning and skill development.

## **Centre for Health and Wellness**

The Center for Health and Wellness is dedicated to promoting and enhancing the well-being of individuals, spanning students, employees, and community members. Its overarching objectives center on a range of roles and responsibilities. These include promoting physical health through exercise programs, fitness classes, and access to fitness facilities, while advocating for healthy lifestyles encompassing regular physical activity, balanced nutrition, and preventive healthcare measures. The center addresses emotional and psychological well-being by raising awareness about mental health issues, reducing stigma, and offering stress management and resilience-building programs. Health education and awareness programs empower individuals to make informed decisions about their well-being, fostering healthy behaviors through educational campaigns. The center prioritizes preventive healthcare measures such as vaccinations, health screenings, and check-ups, emphasizing the importance of early detection and disease prevention. Additionally, it develops and implements safety protocols, including emergency response plans and first aid training, and collaborates with healthcare providers and institutions to provide access to medical services, expertise, and resources. Partnerships with healthcare organizations further enhance the center's capacity to support individuals seeking healthcare services.

## CAMPUS LIFE

The campus life at Christ College is a vibrant and dynamic experience, providing students with enrichment, excitement, and energy. Beyond the academic curriculum, students actively engage in a diverse range of extra-curricular, co-curricular, and extension activities that play a crucial role in their holistic development. To foster all-round growth, each department hosts clubs and associations, offering students opportunities to enhance their soft skills, leadership potential, and career prospects through weekly club activities. In this collaborative environment, students can share interests, develop talents, and even participate in entrepreneurial ventures. Additionally, various student associations contribute to the overall richness of the campus experience.

### **STUDENT DEVELOPMENT**

As per the guidelines of Board of Students' Development, SPPU, the Students' Development Cell at college works towards empowering the students through various schemes like the Earn and Learn Scheme for the needy students, Nirbhaya Kanya Abhiyan for the girls, etc.

The Students' Development Cell conducts activities through various platforms to ensure the overall development of the students and enhance their personality, incorporating the vision, mission and the core values of the college.

### **NATIONAL SERVICE SCHEME**

The National Service Scheme (NSS) is a body for social service affiliated to Savitribai Phule Pune University. NSS unit at Christ College aims at involvement of students on a voluntary basis in various activities of social service. There are 100 Volunteers enrolled in NSS unit. Various programs are implemented through Regular Activities and seven days residential Special Winter Camp. The motto of NSS, 'NOT ME BUT YOU' motivates and encourages the students to render social service and contribute to society's development. Various programs organized for the NSS volunteers aims to mould, nurture their personality and inculcate in them a sense of responsibility. The NSS volunteers get additional 10 marks on completing two-years NSS programme successfully.

## **SPORTS AND PHYSICAL EDUCATION**

Christ College Pune recognizes sports and physical education as one of their competent strengths, accepts the need and importance of physical education in the budding generation. At Christ College Pune, Department of Physical Education and Sports performs various activities for the overall physical development of the students. Christ College Pune is known for its performance in Football, Cricket and Shooting all over the city of Pune and has produced various players who represented Pune District Sports Zone, Savitribai Phule Pune University, West Zone Inter University, All India Inter University, Maharashtra State and India U19 football.

The Department is well equipped with modern infrastructure and conducts activities like Football, Cricket, Basketball, Volleyball and Athletics.

The program provides opportunities to both men and women to participate in various competitions inside the campus as intramural (inter department tournaments) and extramural (inter collegiate tournaments and inter university tournaments, etc.). Thus, developing the personality and playing an important role in the contribution towards National Development.

To promote physical fitness and well-being, Savitribai Phule Pune University has made Physical Education a compulsory subject for all First-Year Undergraduate students.

## **STUDENT CULTURAL ASSOCIATION**

The Student Cultural Association (SCA) serves as a platform dedicated to fostering holistic development among students at CHRIST College Pune. Aligned with the college's vision and mission, SCA aims to empower Christites by offering opportunities for personal growth and transformation. Embracing a wide array of artistic expressions, such as Dance, Music, Literature, and Theatre, Student Cultural Association recognizes the inherent beauty in all art forms. We wholeheartedly encourage students to step forward and showcase their talents, fostering an environment of creativity and self-improvement on campus.

# INFRASTRUCTURE AND CAMPUS FACILITIES

Christ College, Pune has a pristine campus based in city center with scenic environs and has widespread lush green trees and lawns, well-maintained gardens, water harvesting system, lawn, courts and playgrounds, all aesthetically designed to provide students a conducive, safe and secured learning environment to stay in. It has a large state-of-the-art infrastructure of buildings sheltered under a canopy of trees and plants along with a greenhouse and a bird's park. A choice of fully equipped audio-visual enabled classrooms with LED panels and projectors, well developed laboratories with modern equipment and computers, fully air-conditioned wi-fi access seminar halls, an exhaustive library, multi-sports courts and playgrounds, well-equipped office, staff rooms, washrooms, drinking water-coolers and food courts are available to facilitate the academic requirements - a contemporary infra-structure that has all the ambience of an institute of higher learning. The campus is wi-fi enabled and secured with CCTV cameras. Elevators facilitates movements to all the floors and reprographic services are also available in the campus.

## **SMART ROOM & A/V ROOM**

A technology oriented Smart room is available for students, ensuring ICT enabled learning with video lectures, video conferencing facilities.

## **LEARNING COMMONS**

Fostering an environment for formal and informal learning, creative work, research and social interaction among the peer groups, the institution provides ample space in the campus.

## **SPORTS FACILITIES**

The sports facilities on the campus make the students attain physical growth and sportsman-spirit. The campus has courts for Basketball, Volleyball, Football playground and practice net for cricket. Intra-collegiate and inter-collegiate tournaments and the sports day showcase the skill and talents of our students in sports. Special coaching camps are held for cricket, football, basketball, volleyball and badminton under the guidance of the Director, Physical Education.

## **REPROGRAPHIC CENTRE**

There is an easily accessible Reprographic centre strategically made available on the ground floor of the college building which caters to the stationery requirements of students and staff and also offers photocopying, scanning, coloured printing and binding services.

## **CAFETERIA**

A spacious hygienic ambiance with quality food can be enjoyed in the college cafeteria. The kitchen caters to North Indian, South Indian and Chinese cuisine offering quality breakfast, lunch, snacks, tea, coffee, soft drinks and fruit juices at reasonable prices to students and staff.

## **BANK**

A branch of the Catholic Syrian Bank on the campus takes care of the banking needs of the college. Students and their parents can avail the bank services.

## **PARKING**

Ample, secure and systematic parking facilities are available for two-wheelers and four-wheelers in the campus. Students and staff are required to follow strict parking rules to avoid accidents and unnecessary mishaps.

## **GYMNASIUM**

The College has a well-facilitated gym, with modern amenities and well-maintained equipment, for the fitness requirements of students.

## **COLLEGE WEBMAIL**

Every student is provided with an institutional mail ID to communicate with their faculty, classmates and office staff. Students are required to use the mail IDs for classroom activities, fee payments, examination and other official communication.

## **ONLINE TEACHING-LEARNING AND MEETING PLATFORM**

The institute provides a college G-Suite account for staff and students. Every department has their own department mail IDs. The online Teaching-Learning and meetings are held on Google Classroom, Google Meet platform and LMS

## **SOCIAL NETWORKING**

All events and news within the campus are regularly updated in social networking sites such as Facebook, Instagram, LinkedIn, YouTube etc.

## **SMS**

Important information that needs to be communicated immediately to students and staff is also sent by SMS/WhatsApp to their mobile numbers registered with college. Every class has an official WhatsApp group to facilitate timely and easy flow of communication to all.

## **OTHER FACILITIES**

Drinking water and washroom facilities are available on each floor in the campus. Fire extinguishers are placed at strategic locations on every floor. For differently-abled students, facilities like Elevator, Ramp, Rails and Wheelchair are also provided.

## **LIBRARY SERVICES**

College has a spacious library that provides the right ambience for self-study and research for students and faculty. It has an extensive collection of books, journals and reference materials, subscribes N-List database and all the important newspapers and magazines. The library has computer terminals to facilitate access to the digital world.

### **Library Regulations**

1. Students, teaching staff and non-teaching Staff of the College are eligible for making use of the college library.
2. Strict silence should be observed in the library.
3. The library will be kept open on Monday to Friday from 8:30a.m. to 4:00p.m and on Saturday from 8:30a.m. to 1:30p.m.
4. Students have to keep their baggage at baggage counter.
5. Food and drinks are not permitted in the library.
6. Students have to return the library books & clear the library dues before collecting the hall tickets of the University Examination.
7. In case of a student losing a book, the student will have to replace the book or double the amount of the book will have to be refunded.

### **Issue and Return of Books**

- Identity Card must be produced for borrowing books from the library.
- Students can take Two Books at a time using their ID Cards for a period of seven days.
- If the student fails to return or renew the book on the due date, a fine of Rs.2/- will be charged per day.

### **Reference section**

- ID cards should be submitted for referring books.
- Reference section will be open from 8:30am to 4:00pm.
- Students are not allowed to take the reference books out of the library.



## **Home Lending Facility**

- 1.Home Lending Facility is available to the members of the Teaching and Non-Teaching Staff and Students.
- 2.The Library Book must be returned on or before the last date stamped on the Due Date slip, pasted on the first page of the book.
- 3.On failure of returning books on due dates a fine of Rs.2/-per day will be charged. A fine of Rs. 50/- per day will be charged in case restricted reference material issued for readings taken away by the student.
- 4.Students should use their own Identity Card to issue library book. The students should not lend their Identity Card to others. If they do so they will have to suffer the losses incurred in process of loss, damage, fine etc.

## **General Rules**

- 1.The Librarian is authorized to examine everything that passes into or out of the library.
- 2.Students are required to present their own Identity Card and are advised not to keep any personal items in their Identity Card.
- 3.Readers are responsible for any damage caused to the reading materials or any other property of the library and shall be required to replace such books/property as has been damaged or injured or be required to pay the full value there of as determined by the College.
- 4.Smoking, spitting, eating, loud conversation and similar objectionable practices are forbidden in or near about the library.
- 5.CD's or any other accompanying material available with books may be viewed / used only in the library.
- 6.Readers shall not write or mark (by underlining, putting brackets, etc.) on the reading materials or in the library. Property or furniture of the library are to be handled with utmost care.

## **Reader's Suggestions**

Readers' suggestions are welcomed and will be appreciated. Readers desirous of proposing any title or other types of additions to the materials of library may do so by filling the details of the "Books Suggestion Form" available with the Librarian.

Note: For the smooth functioning of the library and for the collective convenience, the Principal / Librarian holds the power to suspend the use of the library to the readers who are found negligent regarding any of these rules or who fail to cooperate with the library staff.

Important notices and information regarding the library as well as changes, if any, will be notified from time to time on the Library Notice Boards.

## **LABORATORY**

The College has well equipped modern laboratory for Computer Science and Electronics. These labs facilitate enhancement of the theoretical knowledge by providing them opportunities to do the prescribed experiments. Innovative and enhanced Teaching-Learning practices are practiced in these labs.

### **Computer Lab Regulations**

1. Net connectivity in the Computer Lab for e-mailing, chatting, browsing or downloading for personal use during working hours will be considered as misconduct and punitive measures including monetary or other penalty will be invoked if found guilty.
2. The Computer Lab has extremely delicate equipment and is a restricted area where entry is granted with permission from the authorities.
3. Students need to remove footwear before entering the Lab and handle the equipment with caution.
4. Any damage caused due to negligent or unprofessional behaviour will result in punitive action as decided by the college.
5. All students should produce their Identity Cards during Practical.
6. The students without Identity Cards will not be allowed to enter the Lab.
7. The students coming for the Practical 10 minutes later than their batch time will not be allowed to enter the Lab.
8. The students who wish to do extra practical should take prior permission of the lab faculty.

### **Conduct in Laboratory**

1. Lab is to be used only for academic purposes.
2. Every student using computers must sign in the lab log book. Ensure to sign out when leaving.
3. Students are not allowed to install or use any outside software in the lab.
4. Students should not change or update computer configurations unless authorized by an instructor or lab staff. (i.e. screen savers, wallpapers, printers, network properties etc.)
5. Students are not allowed to bring food and drinks into the lab.
6. Students are not allowed to move, change or replace any computer peripheral.
7. Students are not allowed to use the lab resources or printers for personal use. Viewing of inappropriate material is strictly prohibited and violation of this will be considered serious indiscipline.
8. Downloading of any non-academic material is not allowed.
9. Remove the footwear when you enter the lab.

# COURSE STRUCTURE

## BACHELOR OF ARTS – BA ECONOMICS

### Credit Pattern

Structure of Choice Based Credit System (As per University guidelines)

FY BA Semester- 1 (2019 Pattern)				
Program & Course Name	Credits	Internal	External	Total
Compulsory English	3	12(30)	28(70)	40(100)
History: Early India Pre- history – Mauryas	3	12(30)	28(70)	40(100)
Sociology: Introduction to Sociology	3	12(30)	28(70)	40(100)
Politics: Introduction to Indian Constitution	3	12(30)	28(70)	40(100)
Economics: G-1 Indian Economic Environment	3	12(30)	28(70)	40(100)
Optional English - Initiations	3	12(30)	28(70)	40(100)
FY BA Semester-2 (2019 Pattern)				
Compulsory English	3	12(30)	28(70)	40(100)
Optional English - Initiations	3	12(30)	28(70)	40(100)
History: Early India: Post Mauryan Age to the Rashtrakutas	3	12(30)	28(70)	40(100)
Sociology: Social Institutions and Change	3	12(30)	28(70)	40(100)
Politics: Introduction to Indian Constitution	3	12(30)	28(70)	40(100)
Economics: G-1 Indian Economic Environment	3	12(30)	28(70)	40(100)
Democracy- Election & Governance	2	20(50)		GRADE
Physical Education	2			GRADE

SY BA Semester-3 (2019 Pattern)				
Compulsory English	3	12(30)	28(70)	40(100)
O.E (SEC 1A)- Advanced Study of English Language	3	12(30)	28(70)	40(100)
MIL-2 Hindi: Hindi Bhasha Shikshan	2	10(25)	10(25)	20(50)
Politics: CC 1C Introduction to Political Science	3	12(30)	28(70)	40(100)
Economics: CC-1C Financial System	3	12(30)	28(70)	40(100)
Economics: DSE 1A Micro Economics	3	12(30)	28(70)	40(100)
Economics: DSE 2A Macro Economics	3	12(30)	28(70)	40(100)
Economics: (SEC 1A) Basic Concept of Research Methodology	2	10(25)	10(25)	20(50)
AEC Environmental Science	2	10(25)	10(25)	20(50)
SY BA Semester-4 (2019 Pattern)				
Compulsory English	3	12(30)	28(70)	40(100)
O.E (SEC 1B) - Advanced Study of English Language	3	12(30)	28(70)	40(100)
MIL-2 Hindi: Hindi Bhasha Shikshan	2	10(25)	10(25)	20(50)
Politics: CC 1D Introduction to Political Science	3	12(30)	28(70)	40(100)
Economics: CC-1D Financial System II	3	12(30)	28(70)	40(100)
Economics: DSE 1B Micro Economics II	3	12(30)	28(70)	40(100)
Economics: DSE 2B Macro Economics II	3	12(30)	28(70)	40(100)
Economics: (SEC 2B) Basic Concept of Research Methodology	2	10(25)	10(25)	20(50)
AEC Environmental Science	2	10(25)	10(25)	20(50)

TY BA Semester-5 (2019 Pattern)				
Compulsory English	3	12(30)	28(70)	40(100)
SEC 1C Enhancing Employability Skills	3	12(30)	28(70)	40(100)
Politics: CC 1E Modern Political Analysis	3	12(30)	28(70)	40(100)
Economics: DSE 2C Public Finance	4	12(30)	28(70)	40(100)
Economics: DSE 1C International Economics	4	12(30)	28(70)	40(100)
Economics: CC IE Indian Economic Development	3	12(30)	28(70)	40(100)
(SEC 2C) Business Management	2	10(25)	10(25)	20(50)
GE 2A Generic Elective	2	10(25)	10(25)	20(50)
Financial Literacy (Add on)	2	20(50)		GRADE
TY BA Semester-6 (2019 Pattern)				
Compulsory English	3	12(30)	28(70)	40(100)
SEC -1 D Enhancing Employability Skills	3	12(30)	28(70)	40(100)
CC-1F Modern Political Analysis	3	12(30)	28(70)	40(100)
DSE – 2 D Public Finance II	4	12(30)	28(70)	40(100)
DSE -1 D International Economics -II	4	12(30)	28(70)	40(100)
CC-1 F Indian Economic Development II	3	12(30)	28(70)	40(100)
SEC-2DBusiness Management II (Project Report)	2	20(50)		20(50)
GE -2A Generic Elective	2	20(50)		20(50)
Rural Community Development (Add-on)	2	20(50)		GRADE

# BACHELOR OF COMMERCE – B Com

## Credit Pattern

Structure of Choice Based Credit System (As per University guidelines)

Program & Course Name	Credits	Internal	External	Practical	Total
<b>FY BCom Semester-1 (2019 Pattern)</b>					
Compulsory English - I	3	12 (30)	28 (70)		40 (100)
Financial Accounting - I	4	12 (30)	20 (50)		40 (100)
Financial Accounting - I (Practical)				8(20)	
Business Economics - I	3	12 (30)	28 (70)		40 (100)
Business Mathematics And Statistics - I	3	12 (30)	28 (70)		40 (100)
Banking And Finance - I	3	12 (30)	28 (70)		40 (100)
Marketing And Salesmanship - I	3	12 (30)	28 (70)		40 (100)
Additional English - I	3	12 (30)	28 (70)		40 (100)
<b>FY BCom Semester-2 (2019 Pattern)</b>					
Compulsory English- II	3	12 (30)	28 (70)		40 (100)
Financial Accounting- II	4	12 (30)	20 (50)		40 (100)
Financial Accounting- II (Practical)				8(20)	
Business Economics- II	3	12 (30)	28 (70)		40 (100)
Business Mathematics and Statistics-II	3	12 (30)	28 (70)		40 (100)
Banking And Finance - II	3	12 (30)	28 (70)		40 (100)
Marketing & Salesmanship - II	3	12 (30)	28 (70)		40 (100)
Additional English - II	3	12 (30)	28 (70)		40 (100)
Democracy, Election and Governance	2				GRADE
Physical Education (Group-1, Sem-II)	2				GRADE
<b>SY BCom Semester-3 (2019 Pattern)</b>					
Business Communication - I	4	12 (30)	20 (50)		40 (100)
Business Communication - I (Practical)				8(20)	
Corporate Accounting - I	3	12 (30)	28 (70)		40 (100)
Business Economics - I (Macro)	3	12 (30)	28 (70)		40 (100)
Business Management - I	3	12 (30)	28 (70)		40 (100)
Elements Of Company Law - I	3	12 (30)	28 (70)		40 (100)
Cost And Works Accounting - I	4	12 (30)	20 (50)		40 (100)
Cost And Works Accounting - I (Practical)				8(20)	
Environmental Awareness	2				GRADE

SY BCom Semester-4 (2019 Pattern)					
Business Communication - II	3	12 (30)	20 (50)		40 (100)
Business Communication - II (Practical)	1			8(20)	
Corporate Accounting - II	3	12 (30)	28 (70)		40 (100)
Business Economics - II (Macro)	3	12 (30)	28 (70)		40 (100)
Business Management - II	3	12 (30)	28 (70)		40 (100)
Elements Of Company Law - I II	3	12 (30)	28 (70)		40 (100)
Cost And Works Accounting - II	3	12 (30)	20 (50)		40 (100)
Cost And Works Accounting - II (Practical)	1			8(20)	
Environmental Awareness	2				GRADE
TY BCom Semester- V (2019 pattern)					
Business Regulatory Framework - I	3	12 (30)	28 (70)		40 (100)
Advanced Accounting - I	3	12 (30)	28 (70)		40 (100)
International Economics - I	3	12 (30)	28 (70)		40 (100)
Auditing - I	3	12 (30)	20 (50)		40 (100)
Auditing Practical - I	1			8(20)	
Cost And Works Accounting. Special Paper II	3	12 (30)	20 (50)		40 (100)
Cost And Works Accounting. Special Paper II (Internship)	1			8(20)	40 (100)
Cost And Works Accounting. Special Paper I II	3	12 (30)	20 (50)		40 (100)
Cost And Works Accounting. Special Paper I II (Internship)	1			8(20)	40 (100)
TY BCom Semester- 6 (2019 pattern)					
Business Regulatory Framework - II	3	12 (30)	28 (70)		40 (100)
Advanced Accounting - II	3	12 (30)	28 (70)		40 (100)
International Economics - II	3	12 (30)	28 (70)		40 (100)
Auditing & Taxation - II	3	12 (30)	20 (50)		40 (100)
Auditing And Taxation Practical - II	1			8(20)	
Cost And Works Accounting. Special Paper IV	3	12 (30)	20 (50)		40 (100)
Cost And Works Accounting. Special Paper Iv (Internship)	1			8(20)	40 (100)
Cost And Works Accounting. Special Paper V	3	12 (30)	20 (50)		40 (100)
Cost And Works Accounting. Special Paper V (Internship)	1			8(20)	40 (100)

## **Project Journal, Practical & Viva Rules**

- A student will be required to do 3 practicals during each semester as prescribed by the University.
- A student will be required to maintain journal book for the practical.
- Journals should be properly covered with the brown paper and labelled with details - Roll No., Name, Examination Seat No. and Subject mentioned.
- All details in the Certificate, Index and other sheets should be compulsorily filled.
- For each practical, Title of the Paper, Objective of the Practical and Method of the Practical should be written in the journal.
- Reference books should be used while writing journals and reports etc.
- Work presented should be original and not copied.
- Submission of the journals should be done on the given date.
- Journals will be assessed by the subject teacher throughout the year and certified by the Head of the Department at the end of the year.
- Practical Examination: At the end of each semester, practical examination will be conducted.

## **B Com Internship – Evaluation Process**

### **Internship Evaluation – Semester 5**

- The student is supposed to prepare a PowerPoint Presentation covering the internship topic.
- The evaluation is to be done on the basis of the potentials, quality, utility and outcome of the proposed work.
- The evaluation panel will consist of one internal and one external examiner. Industry experts may be invited to evaluate the proposal and make suggestion, if any.
- Total evaluation of the proposal will be of 40 marks and it carries 2 credits.
- Further, out of 40 marks, 20 marks are allotted to paper II and paper III each.

### **Internship Evaluation – Semester 6**

1. The student is supposed to prepare a PowerPoint Presentation covering the internship topic.
2. The evaluation is to be done on the basis of the:
  - Regularity and punctuality.
  - Actual work performed
  - Feedback by the internship providing organisation.
  - Nature of contribution made
  - Skills learnt
  - Problem solving initiative taken
  - Learning attitude.
3. The evaluation panel will consist of one internal and one external examiner. Industry experts may be invited to evaluate the proposal and make suggestion, if any.
4. Total evaluation of the proposal will be of 40 marks and it carries 2 credits.
5. Further, out of 40 marks, 20 marks are allotted to Paper II and Paper III each.



# BACHELOR OF BUSINESS ADMINISTRATION - BBA

## Credit Pattern

Structure of Choice Based Credit System for Undergraduate Programs

(As per University guidelines)

A student should gain 140 credits to successfully complete the program

Program and Course Name	Credits	Internal	External	Practical/ Project	Total
<b>FYBBA Semester 1 (2019 Pattern)</b>					
Principles Of Management	3	12 (30)	28 (70)		40 (100)
Business Communication Skills	4	12 (30)	20 (50)	8 (20)	40 (100)
Business Accounting	3	12 (30)	28 (70)		40 (100)
Business Economics – Micro	3	12 (30)	28 (70)		40 (100)
BusinessMathematics	3	12 (30)	28 (70)		40 (100)
Business Demography	4	12 (30)	20 (50)	8 (20)	40 (100)
Basic Managerial Skills	2				GRADE
<b>FYBBA Semester 2 (2019 Pattern)</b>					
Business Organization and System	4	12 (30)	20 (50)	8 (20)	40 (100)
Principles of Marketing	3	12 (30)	28 (70)		40 (100)
Principles of Finance	3	12 (30)	28 (70)		40 (100)
Basics of Cost Accounting	3	12 (30)	28 (70)		40 (100)
Business Statistics	3	12 (30)	28 (70)		40 (100)
Fundamentals of Computers	4	12 (30)	20 (50)	8 (20)	40 (100)
Democracy, Election and Governance	2				GRADE
Personality And Soft Skills Development(Add-on course)	2				GRADE
<b>SYBBA Semester 3 (2019 Pattern)</b>					
Principles of Human Resource Management	3	12 (30)	28 (70)		40 (100)
Supply Chain Management	3	12 (30)	28 (70)		40 (100)
Global Competencies & Personality Development	3	12 (30)	28 (70)		40 (100)
Fundamentals of Rural Development	3	12 (30)	28 (70)		40 (100)
HRM &OrganizationalBehaviour	4	12 (30)	20 (50)	8 (20)	40(100)
Legal Aspects of HR	4		20 (50)	20 (50)	40(100)
Management Accounting	4	12 (30)	20 (50)	8 (20)	40(100)
Banking & Finance + Business Exposure Project	4		20 (50)	20 (50)	40(100)
Compulsory Course in Environment	2				GRADE

SYBBA Semester 4 (2019 Pattern)					
Entrepreneurship and Small Business Management	3	12 (30)	28 (70)		40 (100)
Productions And Operations Management	3	12 (30)	28 (70)		40 (100)
Decision Making and Risk Management	3	12 (30)	28 (70)		40 (100)
International Business Management	3	12 (30)	28 (70)		40 (100)
HRM Functions & Practices	4	12 (30)	20 (50)	8 (20)	40 (100)
Employee Recruitment & Record Management	4		20 (50)	20 (50)	40(100)
Business Taxation	4	12 (30)	20 (50)	8 (20)	40 (100)
Financial Services	4		20 (50)	20 (50)	40 (100)
Communication Skills for Managers(Add-on course)	2				GRADE
TYBBA Semester 5 (2019 Pattern)					
Business Ethics	3	12 (30)	28 (70)		40 (100)
Cases in Human Resource Management + Project Viva	6		20(50)	20(50)	40(100)
Cross-Cultural HR & Industrial Relations	4	12 (30)	20 (50)	8 (20)	40 (100)
Management of Corporate Social Responsibility	3	12 (30)	28 (70)		40 (100)
Data Administration & Data Mining	3	12 (30)	28 (70)		40 (100)
Research Methodology (Tools & Analysis )	3	12 (30)	28 (70)		40 (100)
Finance-I Analysis of Financial Statement	4	12 (30)	20 (50)	8 (20)	40 (100)
Finance-II Legal Aspects of Finance & Security Laws	6		20 (50)	20 (50)	40 (100)
TYBBA Semester 6 (2019 Pattern)					
Business Project Management	3	12 (30)	28 (70)		40 (100)
E- Commerce	3	12 (30)	28 (70)		40 (100)
Management Of Innovations and Sustainability	3	12 (30)	28 (70)		40 (100)
Management Information System	3	12 (30)	28 (70)		40 (100)
Global Human Resource Management	4	12 (30)	20 (50)	8 (20)	40 (100)
Recent Trends & HR Accounting + Project (Internship)	6		20 (50)	20 (50)	40 (100)
Finance-III Financial Management	4	12 (30)	20 (50)	8 (20)	40 (100)
Finance-IV Case in Finance/Project (Internship)	6		20 (50)	20 (50)	40 (100)

# BACHELOR OF BUSINESS ADMINISTRATION – INTERNATIONAL BUSINESS BBA (IB)

## Credit Pattern

Structure of Choice Based Credit System for Undergraduate Programs

(As per University guidelines)

A student should gain 140 credits to successfully complete the program

Program and Course Name	Credits	Internal	External	Practical/ Project	Total
<b>FYBBA(IB) Semester 1 (2019 Pattern)</b>					
Principles of Management	3	12 (30)	28 (70)		40 (100)
Business Communication Skills	4	12 (30)	20 (50)	8 (20)	40 (100)
Business Accounting	3	12 (30)	28 (70)		40 (100)
Business Economics – Micro	3	12 (30)	28 (70)		40 (100)
Business Mathematics	3	12 (30)	28 (70)		40 (100)
Business Demography	4	12 (30)	20 (50)	8 (20)	40 (100)
Basic Managerial Skills (Add-on Course)	2				GRADE
<b>FYBBA(IB) Semester 2 (2019 PATTERN)</b>					
Basics of Cost Accounting	3	12 (30)	28 (70)		40 (100)
Origin And Development of Global Business	4	12 (30)	20 (50)	8 (20)	40 (100)
Commercial Geography	3	12 (30)	28 (70)		40 (100)
Principles of Marketing	3	12 (30)	28 (70)		40 (100)
Business Statistics	3	12 (30)	28 (70)		40 (100)
Fundamentals of Computers	4	12 (30)	20 (50)	8 (20)	40 (100)
Personality and Soft Skills Development(Add-on Course)	2				GRADE
Physical Education (Group-I, Sem-II)	2				GRADE
Democracy, Election and Governance	2				GRADE
<b>SYBBA(IB) Semester 3 (2019 Pattern)</b>					
Elements of Human Resource Management	3	12 (30)	28 (70)		40 (100)
Global Competencies and Personality Development	3	12 (30)	28 (70)		40 (100)
International Economics	3	12 (30)	28 (70)		40 (100)
Production and Operations Management	3	12 (30)	28 (70)		40 (100)
Foreign Language (German)	4	12 (30)	20 (50)	8 (20)	40 (100)
Supply Chain Management	4		20 (50)	20 (50)	40 (100)
Basic Course in Environmental Awareness	2				GRADE

SYBBA(IB) Semester 4 (2019 Pattern)					
Import Export Procedure	3	12 (30)	28 (70)		40 (100)
Research Methodology	3	12 (30)	28 (70)		40 (100)
Business Ethics	3	12 (30)	28 (70)		40 (100)
Management Information System	3	12 (30)	28 (70)		40 (100)
Foreign Language (German)	4	12 (30)	20 (50)	8 (20)	40 (100)
International Warehouse and Supply Chain Management	4		20 (50)	20 (50)	40 (100)
Communication Skills for Managers(Add-on Course)	2				GRADE
TYBBA(IB) Semester 5 (2019 Pattern)					
International Relations	3	12 (30)	28 (70)		40 (100)
International Business Law	3	12 (30)	28 (70)		40 (100)
Business Reporting and Analysis	3	12 (30)	28 (70)		40 (100)
Foreign Exchange Management	3	12 (30)	28 (70)		40 (100)
International Marketing Management	4	12 (30)	20 (50)	8 (20)	40 (100)
Legal Dimensions in International Marketing	6		20 (50)	20 (50)	40 (100)
TYBBA(IB) Semester 6 (2019 Pattern)					
New Venture Creation and Start-Ups	3	12 (30)	28 (70)		40 (100)
International Project Management	3	12 (30)	28 (70)		40 (100)
Decision Making and Risk Management	3	12 (30)	28 (70)		40 (100)
Management of Agribusiness and Agri Exports	3	12 (30)	28 (70)		40 (100)
International Service Management	4	12 (30)	20 (50)	8 (20)	40 (100)
Brand Management	6		20 (50)	20 (50)	40 (100)

# BACHELOR OF BUSINESS ADMINISTRATION – INTERNATIONAL BUSINESS BBA (CA)

## Credit Pattern

Structure of Choice Based Credit System for Undergraduate Programs

(As per University guidelines)

A student should gain 140 credits to successfully complete the program

Program and Course Name	Credits	Internal	External	Practical/ Project	Total
<b>FYBBA (CA) Semester 1 (2019 Pattern)</b>					
Business Communication	3	12 (30)	28 (70)		40 (100)
Principles of Management	3	12 (30)	28 (70)		40 (100)
C Language	3	12 (30)	28 (70)		40 (100)
Database Management System	3	12 (30)	28 (70)		40 (100)
Statistics	3	12 (30)	28 (70)		40 (100)
Computer Laboratory Based on 103 & 104	4			40 (100)	40 (100)
Add-on (PPA)	2				GRADE
<b>FYBBA (CA) Semester 2 (2019 Pattern)</b>					
Organization Behavior & Human Resource Management	3	12 (30)	28 (70)		40 (100)
Financial Accounting	3	12 (30)	28 (70)		40 (100)
Business Mathematics	3	12 (30)	28 (70)		40 (100)
Relational Database	3	12 (30)	28 (70)		40 (100)
Web Technology HTML-JS-CSS	3	12 (30)	28 (70)		40 (100)
Computer Laboratory Based on 204 & 205	4			40 (100)	40 (100)
Add-on (Advance C)	2				GRADE
Physical Education. (Group-I, Sem-II)	2				GRADE
Democracy Election and Governance	2				GRADE
<b>SYBBA (CA) Semester 3 (2019 Pattern)</b>					
Digital Marketing	3	12 (30)	28 (70)		40 (100)
Data Structure	3	12 (30)	28 (70)		40 (100)
Software Engineering	3	12 (30)	28 (70)		40 (100)
Angular JS	3	12 (30)	28 (70)		40 (100)
Big Data	3	12 (30)	28 (70)		40 (100)
Computer Laboratory Based on 302, 304 and 305	6			40 (100)	40 (100)
Environment Awareness	2				GRADE

SYBBA (CA) Semester 4 (2019 PATTERN)					
Networking	3	12 (30)	28 (70)		40 (100)
Object Oriented Concept Through CPP	3	12 (30)	28 (70)		40 (100)
Operating System	3	12 (30)	28 (70)		40 (100)
Node JS	3	12 (30)	28 (70)		40 (100)
Project	4				40 (100)
Computer Laboratory Based on 402, 404	4			40 (100)	40 (100)
Add-on (J-Query)	2				GRADE
TYBBA (CA) Semester 5 (2019 PATTERN)					
Cyber Security	3	12 (30)	28 (70)		40 (100)
Object Oriented Software Engineering	3	12 (30)	28 (70)		40 (100)
Core Java	3	12 (30)	28 (70)		40 (100)
Python	3	12 (30)	28 (70)		40 (100)
Project	4				40 (100)
Computer Laboratory Based on 503 and 504 (2 Credits Each)	4			40 (100)	40 (100)
Add-on (IOT)	2				GRADE
TYBBA (CA) Semester 6 (2019 PATTERN)					
Recent Trends in Information Technology (Tutorial/Assignment)	3+1	12 (30)	28 (70)		40 (100)
Software Testing	3	12 (30)	28 (70)		40 (100)
Advanced Java	3	12 (30)	28 (70)		40 (100)
Android Programming / Dot Net Programming	3	12 (30)	28 (70)		40 (100)
Project	4				40 (100)
Computer Laboratory Based on 603 and 604 (2 Credits Each)	4			40 (100)	40 (100)
Add-on (Soft Skills Training)	2				GRADE

### Guidelines for Project /Practicals [ BBA, BBA (IB), BBA (CA) ]

Project and practicals for all courses will be conducted as per university guidelines. The regulations vary for individual courses.

# BACHELOR OF COMPUTER SCIENCE BSc (CS)

## Credit Pattern

Structure of Choice Based Credit System (As per University guidelines)

### FY BSc (Computer Science) Semester I (Total credits = 22)

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	Internal	External	TOTAL
CC-I	CS-111	Problem Solving using Computer and 'C' Programming	2		(6)15	(14)35	50
	CS-112	Database Management Systems	2		(6)15	(14)35	50
	CS-113	Computer Practical		1.5	(6)15	(14)35	50
CC-II*	MTC-111	Matrix Algebra	2		(6)15	(14)35	50
	MTC-112	Discrete Mathematics	2		(6)15	(14)35	50
	MTC-113	Mathematics Practical		1.5	(6)15	(14)35	50
CC-III*	ELC-111	Semiconductor Devices and Basic Electronics Systems	2		(6)15	(14)35	50
	ELC-112	Principles of Digital Electronics	2		(6)15	(14)35	50
	ELC-113	Electronics Practical		1.5	(6)15	(14)35	50
CC-IV*	CSST-111	Descriptive Statistics I	2		(6)15	(14)35	50
	CSST-112	Mathematical Statistics	2		(6)15	(14)35	50
	CSST-113	Statistics Practical		1.5	(6)15	(14)35	50

**FY BSc Semester II (Total credits=22)**

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	Internal	External	TOTAL
CC-V	CS-121	Advanced 'C' Programming	2		15	35	50
	CS-122	Relational Database Management Systems	2		15	35	50
	CS-123	Computer Practical		1.5	15	35	50
CC-VI*	MTC-121	Linear Algebra	2		15	35	50
	MTC-122	Graph Theory	2		15	35	50
	MTC-123	Mathematics Practical		1.5	15	35	50
CC-VII*	ELC-121	Instrumentation System	2		15	35	50
	ELC-122	Basics of Computer Organisation	2		15	35	50
	ELC-123	Electronics Practical		1.5	15	35	50
CC-VIII*	CSST-121	Methods Of Applied Statistics	2		15	35	50
	CSST-122	Continuous Probability Distributions and Testing of Hypothesis	2		15	35	50
	CSST-123	Statistics Practical		1.5	15	35	50
CC	22999	Democracy, Election and Governance	1		15	35	50
CC	G-1	Physical Education (GROUP-I, SEM-II)	1		15	35	50



**SY BSc (Computer Science) Semester III**  
(Total credits=22)

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	Internal	External	TOTAL
CC-IX	CS-231	Data Structures and Algorithms – I	2		15	35	50
	CS-232	Software Engineering	2		15	35	50
	CS-233	Computer Practical		2	15	35	50
CC-X*	MTC 231	Groups and Code Theory	2		15	35	50
	MTC-232	Numerical Techniques	2		15	35	50
	MTC-233	Mathematics Practical		2	15	35	50
CC-XI*	ELC-231	Microcontroller Architecture and Programming	2		15	35	50
	ELC-232	Digital Communication and Networking	2		15	35	50
	ELC-233	Electronics Practical		2	15	35	50
AECC-I*	23921	Environment Science – I	2		15	35	50
AECC-II*	23922	Language Communication – I	2		15	35	50

**SY BSc (Computer Science) Semester IV**  
(Total credits=22)

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	Internal	External	TOTAL
CC-XII	CS-241	Data Structures and Algorithms – II	2		15	35	50
	CS-242	Computer Networks - I	2		15	35	50
	CS-243	Computer Practical		2	15	35	50
CC-XIII*	MTC 241	Computational Geometry	2		15	35	50
	MTC-242	Operations Research	2		15	35	50
	MTC-243	Mathematics Practical Programming Language II		2	15	35	50
CC-XIV*	ELC-241	Embedded System Design	2		15	35	50
	ELC-242	Wireless Communication and Internet of Things	2		15	35	50
	ELC-243	Electronics Practical		2	15	35	50
AECC-III*	24921	Environment Science – II	2		15	35	50
AECC-IV*	23922	Language Communication – II	2		15	35	50

**TY B Sc (Computer Science) Semester V (Total credits=22)**

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	Internal	External	TOTAL
DSEC - I	CS-351	Operating Systems - I	2		15	35	50
	CS-352	Computer Networks - II	2		15	35	50
	CS-357	Practical course based on CS501		2	15	35	50
DSEC - II	CS-353	Web Technologies - I	2		15	35	50
	CS-354	Foundations of Data Science	2		15	35	50
	CS-358	Practical course based on CS503		2	15	35	50
DSEC - III	CS-355	Object Oriented Programming - I(Core Java)	2		15	35	50
	CS-356	Theoretical Computer Science and Compiler Construction - I	2		15	35	50
	CS-359	Practical Course based on CS505		2	15	35	50
SECC - I	CS-3510	Python Programming / R Programming	2		15	35	50
SECC - II	CS-3511	Blockchain Technology	2		15	35	50

**TY BSc (Computer Science) Semester VI (Total credits=22)**

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	Internal	External	TOTAL
DSEC - IV	CS-361	Operating Systems - II	2		15	35	50
	CS-362	Software Testing	2		15	35	50
	CS-367	Practical course based on CS601		2	15	35	50
DSEC - V	CS-363	Web Technologies - II	2		15	35	50
	CS-364	Data Analytics	2		15	35	50
	CS-368	Practical course based on CS603 and CS604		2	15	35	50
DSEC - VI	CS-365	Object Oriented Programming - II(Advanced Java)	2		15	35	50
	CS-366	Theoretical Computer Science and Compiler Construction - II	2		15	35	50
	CS-369	Practical Course based on CS605		2	15	35	50
SECC- III	CS-3610	Software Testing Tools	2		15	35	50
SECC - IV	CS-3611	Project	2		15	35	50

# MASTER OF COMPUTER SCIENCE M Sc (CS)

## FY M Sc (Computer Science) SEM I

IA: - Internal Assessment, UE: - University Examination

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
I Year Sem-I	Core Compul- sory Theory Paper	CSUT111	Paradigm of Programming Language	4	30	70	100
		CSUT112	Design and Analysis of Algorithms	4	30	70	100
		CSUT113	Database Technologies	4	30	70	100
	Choice Based Optional Paper	CSDT114A	Cloud computing	2	15	35	50
		CSDP114A	Cloud Computing Practical	2	15	35	50
		OR					
		CSDT114B	Artificial Intelligence	2	15	35	50
		CSDP114B	Artificial Intelligence Practical	2	15	35	50
		OR					
		CSDT114C	Web Services	2	15	35	50
		CSDP114C	Web Services Practical	2	15	35	50
	Core Compul- sory Practical Paper	CSUP115	PPL and Database Technologies Practical	4	30	70	100
	Internal	191	Human Rights I	1	25		
	Compul- sory	192	Introduction To Cyber Security I	1	25		

## FY M Sc. (Computer Science) Semester II

IA: - Internal Assessment, UE: - University Examination

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
I Year Sem-II	Core Compul- sory Theory Paper	CSUT121	Advanced Operating System	4	30	70	100
		CSUT122	Mobile Technologies	4	30	70	100
		CSUT123	Software Project Management	4	30	70	100
	Choice Based Optional Paper	CSDT12 4A	Project	2	15	35	50
		CSDP12 4A	Project related Assignments	2	15	35	50
		OR					
		CSDT12 4B	Human Computer Interaction	2	15	35	50
		CSDP12 4B	Human Computer Interaction Practical	2	15	35	50
		OR					
		CSDT12 4C	Soft Computing	2	15	35	50
		CSDP12 4C	Soft Computing Practical	2	15	35	50
	Core Compul- sory Practical Paper	CSUP12 5	Practical on AdvancedOS & Mobile Technologies	4	30	70	100
	Internal	291	Human Rights II	1	25		
	Compul- sory	292	Introduction To Cyber Security II	1	25		

### SY M Sc (Computer Science) Semester III

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-III	Core Compul- sory Theory Paper	CSUT231	Software Architecture and Design Pattern	4	30	70	100
		CSUT232	Machine Learning	4	30	70	100
		CSUT233	Evolutionary Algorithms	4	30	70	100
	Choice Based Optional Paper	CSDT234A	Big Data	2	15	35	50
		CSDP234A	Big Data Practical	2	15	35	50
		OR					
		CSDT234B	Web Analytics	2	15	35	50
		CSDP234B	Web Analytics Practical	2	15	35	50
		OR					
		CSDT234C	Project	2	15	35	50
		CSDP234C	Project related Assignments	2	15	35	50
	Core Compul- sory Practical Paper	CSUP235	Practical on Software Architecture and Design Pattern and Machine Learning	4	30	70	100
	Internal Compul- sory	391	Skill Development I	1	50		
		392	Introduction To Cyber Security III	1	25		
		395	Introduction to Constitution	-	50		

### SY M Sc (Computer Science) Semester IV

Year/ Sem	Subject	Paper	Title of Paper	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-IV	Core	CSUIT241	Industrial Training/Institutional project	20			500
	Internal Compul- sory	491	Skill Development II	1	50		
		492	Introduction To Cyber Security IV	1	25		

## **CSUIT241: Industrial Training /Institutional project Total Credits : 20**

### **Teaching Scheme:**

2 hours/week

The Industrial Training /Institutional project is equivalent to 5 theory courses of 4 credits each. Marks per 4 credits = 100. The total weightage for Industrial/Institutional training is 500 marks.

### **Workload :**

One mentor to be assigned for 5 students.

2 hours /week to be allotted for 5 students

### **Guidelines:**

- Each student must individually complete minimum 5 months full time Industrial training / Institutional project in the 4th semester.
- College should assign a student mentor to every student. The mentor will monitor the progress of the student throughout the semester for continuous assessment.
- Student should submit a valid offer letter and synopsis within two weeks of starting the internship.
- There will be continuous assessment of the work done by the student during the internship period.
- Continuous assessment guidelines:
- Student should submit a weekly report in the college to the mentor.
- The report should contain the following details: Name of student, project title, company name, company mentor, daily activities and results/output, proposed work for next week.
- The weekly report should be duly signed by the student and company mentor/ institute guide (CM).
- Student Mentor should maintain weekly attendance record for every student.
- Two presentations should be conducted for each student (first presentation after first month and second presentation after 3rd month)
- Student Mentor should take feedback from the Company mentor regarding overall performance of the student.
- At the end of the internship period, each student should prepare a report which should conform to international academic standards.
- The report should follow the style in academic journals and books, with contents such as: abstract, background, aim, design and implementation, testing, conclusion and full references, tables and figures should be numbered and referenced to in the report.

### Examination and Evaluation guidelines

The project done during internship period will be evaluated in the following manner:

IA - 150 marks + UE-350 marks.

The final presentation and documentation will be evaluated by three examiners:

Student mentor (appointed by the respective college)

External examiner (appointed by the University)

IT expert (appointed by the respective college)

IA (150 marks)				
Weekly Attendance	Weekly Reports	First Presentation	Second Presentation	Documentation
20	40	20	40	30

UE (350 marks)		
Mentor	IT Expert	External Examiner
100	125	125

# BACHELOR OF SCIENCE B Sc (Regular)

## Credit Pattern

Structure of Choice Based Credit System (As per University guidelines)

### SY B Sc (Regular) Semester III

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	CA (Internal)	UA (External)	TOTAL
Discipline Specific Core Course (DSCC)* Sem-3	CH-301	Physical and Analytical Chemistry	2		15	35	50
	CH-302	Inorganic and Organic Chemistry	2		15	35	50
	CH-303	Chemistry Practical- III		2	15	35	50
	MT-231	Calculus of Several	2		15	35	50
	MT-232(A)	Variables					
	MT-233	Numerical Methods	2		15	35	50
	PHY-231	Mathematical Methods in Physics I	2		15	35	50
	PHY-232	Instrumentation(B)	2		15	35	50
	PHY-233	Physics Laboratory-2A		2	15	35	50
	EL-231	Communication on Electronics	2		15	35	50
	EL-232	Digital System	2		15	35	50
		Design					
	EL-233	Practical Course		2	15	35	50
Sem-3	23361	Environmental Awareness	2		15	35	50
Sem-3	23321	Language - English	2		15	35	50



### SY B Sc (Regular) Semester IV

Course type	Paper Code	Paper title	Credits		Evaluation		
			Theory	Practical	CA (Internal)	UA (External)	TOTAL
Discipline Specific Core Course (DSCC)* Sem-4	CH-401	Physical and Analytical Chemistry	2		15	35	50
	CH-402	Inorganic and Organic Chemistry	2		15	35	50
	CH-403	Chemistry Practical- IV		2	15	35	50
	MT-241	Linear Algebra	2		15	35	50
	MT-242(B)	Dynamical Systems	2		15	35	50
	MT-243	Mathematics Practical based on MT - 241 and MT-242		2	15	35	50
	PHY-241	Oscillations, Waves and Sound	2		15	35	50
	PHY-242	Optics	2		15	35	50
	PHY-243	Physics Laboratory-2B		2	15	35	50
	EL-241	Analog Circuit Design	2		15	35	50
	EL-242	Microcontroller and Python programming	2		15	35	50
	EL-243	Practical Course		2	15	35	50

### Project & Viva Rules

1. Project work will carry 100 marks. For regular students, project work is compulsory.
2. Students are expected to prepare the project report based on the field work and survey they have undertaken.
3. Students are required to visit a unit in concerned industry and submit their project report as per the requirement of the University guidelines.
4. Students will have to submit the report towards the end of semester IV.
5. Project viva voce will be conducted at the end of semester IV.

**TY BSc (Mathematics)**

Course Type	Paper Code	Paper Title	Credits		Evaluation		
			T	P	CA	UA	TOTAL
Discipline Specific Core Course (DSCC)*	DSE-1AMT 351	Metric Spaces	2	-	15	35	50
	DSE-1B MT 352	Real Analysis-I	2	-	15	35	50
	DSE-2AMT 353	Group Theory	2		15	35	50
	DSE-2B MT 354	Ordinary Differential Equations	2	-	15	35	50
DSE-3A		Select any one out of 3					
	MT 355(A):	Operations Research					
	355(B):	Differential Geometry	2	-	15	35	50
	MT 355(C):	C- Programming					
DSE-3B		Select any one out of 3					
	MT 356(A):	Machine Learning-I					
	MT 356(B):	Number Theory	2	-	15	35	50
	MT 356(C):	Laplace Transform and Fourier Series					
		Practical Lab					
	DSE-1 MT 357:	Practical Course Lab-1 (on Metric Space and Real Analysis-I)	-	2	15	35	50
	DSE-2MT 358:	Practical Course Lab-II (on Group Theory and Ordinary Differential equations)	-	2	15	35	50
	DSE-3 MT 359:	Practical Course Lab-III (on DSE-3A and DSE-3B)	-	2	15	35	50
SEC-I	MT -3510:	Programming in Python -I	-	2	15	35	50
SEC-II	MT-3511:	Latex for Scientific Writing	-	2	15	35	50

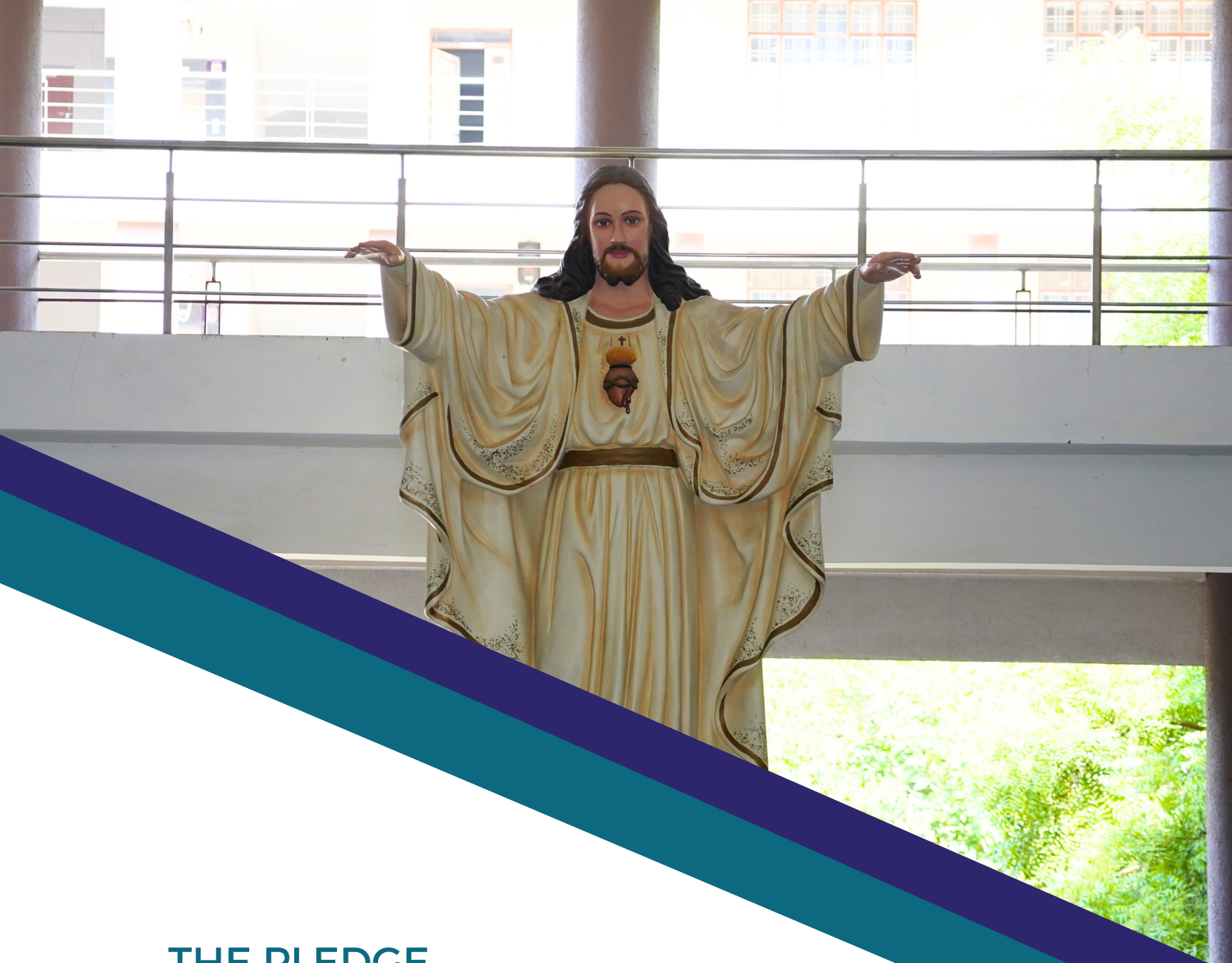
Course Type	Paper Code	Paper Title	Credits		Evaluation		
			T	P	CA	UA	TOTAL
Discipline Specific Core Course (DSCC)*	DSE-4A MT 361:	Complex Analysis	2	-	15	35	50
	DSE-4B MT 362:	Real Analysis-II	2	-	15	35	50
	DSE-5A MT 363:	Ring Theory	2		15	35	50
	DSE-5B MT 364:	Partial Differential Equations	2	-	15	35	50
DSE-6A		Select any one out of three					
	MT 365(A):	Optimization Techniques					
	365(B):	Calculus of Variation and Classical Mechanics	2	-	15	35	50
	MT 365(C):	Financial Mathematics					
DSE-6B		Select any one out of three					
	MT 366(A):	Machine Learning-II					
	MT 366(B):	Computational Geometry	2	-	15	35	50
	MT 366(C):	Lebesgue Integration					
		Practical Lab					
	DSE-4MT 367:	Practical Course Lab-I (on Complex Analysis and Real Analysis-I)	-	2	15	35	50
	DSE-5MT 368:	Practical Course Lab-II (on Ring Theory and Ordinary Differential equations)	-	2	15	35	50
	DSE-6MT 369:	Practical Course Lab-III (on DSE-6A and DSE-6B)	-	2	15	35	50
SEC-I	MT -3610:	Programming in Python -II	-	2	15	35	50
SEC-II	MT-3611:	Mathematics into LaTeX	-	2	15	35	50

**TY BSc (Physics)**

Sem.	Course Type	Course Code	Course Name	Credit		Evaluation		
				T	P	CA	UA	TOTAL
V	Discipline Specific Elective Course	PHY-351	Mathematical Methods in Physics-II	2		15	35	50
		PHY-352	Electrodynamics	2		15	35	50
		PHY-353	Classical Mechanics	2		15	35	50
		PHY-354	Atomic and Molecular Physics	2		15	35	50
		PHY-355	Computational Physics	2		15	35	50
		PHY-356: Elective-I(Select any One)		2				
		PHY-356(A)	Astronomy and Astrophysics-I			15	35	50
		PHY-356(B)	Elements of Materials Science					
		PHY-356(C)	Biophysics					
		PHY-356(D)	Renewable Energy Sources-I					
		PHY-356(E)	Applied Optics					
		PHY-356(F)	C# programming					
		PHY-356(G)	Acoustics-I					
		PHY-357	Physics Laboratory-3A		2	15	35	50
		PHY-358	Physics Laboratory-3B		2	15	35	50
		PHY-359	Project-I		2	15	35	50

V	Skill Enhancement Course	PHY-3510:Skill Enhancement Course-I (Select any One)		2				
		PHY-3510(H)	Python Programming			15	35	50
		PHY-3510(I)	Energy studies					
		PHY-3510(J)	Introduction to Arduino					
		PHY-3510(K)	Sensors and Transducer					
		PHY-3511:Skill Enhancement Course-II(Select any One)		2				
		PHY-3511(L)	Physics Workshop Skill			15	35	50
		PHY-3511(M)	Biomedical Instrumentation					
		PHY-3511(N)	Non-destructive Testing Techniques					
		PHY-3511(O)	Acoustics Applications					
VI	Discipline Specific Elective Course	PHY-361	Solid State Physics	2		15	35	50
		PHY-362	Quantum Mechanics	2		15	35	50
		PHY-363	Thermodynamics and Statistical Physics	2		15	35	50
		PHY-364	Nuclear Physics	2		15	35	50
		PHY-365	(A) Electronics-II	2		15	35	50

VI	Discipline Specific Elective Course	PHY-366:Elective-II(Select any One)						
		PHY-366(P)	Medical Electronics	2		15	35	50
		PHY-366(Q)	Physics of Nano materials					
		PHY-366(R)	Microcontrollers					
		PHY-366(S)	Lasers					
		PHY-366(T)	Astronomy and Astrophysics-II					
		PHY-366(U)	Renewable Energy Sources-II					
		PHY-366(V)	Acoustics-II					
		PHY-367	Physics Laboratory-4A	2		15	35	50
		PHY-368	Physics Laboratory-4B	2		15	35	50
		PHY-369	Project-II	2		15	35	50
		PHY-3610: Skill Enhancement Course-III(Select any One)						
		PHY-3610 (W)	Scientific Data Analysis Using Python	2		15	35	50
		PHY-3610 (X)	Solar PV System: Installation, Repairing and Maintenance					
		PHY-3610(Y)	Applications of Internet ofThings (IOT)					
		PHY-3610 (Z)	Calibration Techniques					
		PHY- 3611: Skill Enhancement Course-IV(Select any One)						
		PHY-3611 (AA)	Microcontrollers	2		15	35	50
		PHY-3611 (AB)	Instrumentation for Agriculture					
		PHY-3611 (AC)	Radiation Physics					
		PHY-3611 (AD)	Photography					



## THE PLEDGE

We, the Christites, hereby pledge to be an integral part of our college by imbibing the core values and strengthening the vision and mission of our Alma Mater. We sincerely strive to uphold the motto 'Enlighten to Excel' with utmost loyalty and integrity aspiring to develop our best potential for the betterment of humanity.





## CHRIST COLLEGE PUNE

---

Address: 26/4 A, Off Pune Nagar Road, Opposite Weikfield IT  
Citi Info Park, 26/4A, Nagar Rd, Ramwadi, Wadgaon Sheri,  
Pune, Maharashtra 411014

