

St. Xavier's College,
Mumbai - 400 001



(Empowered Autonomous Institute)

HANDBOOK 2024 - 25

UGC "College of Excellence"

NAAC Accredited A⁺

www.xaviers.edu



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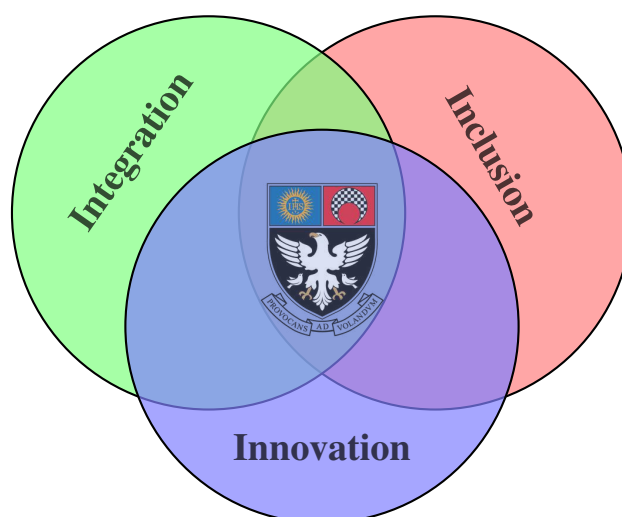
1. College Governance

College Vision - Mission Statement

Celebrating over 155 years of "*Provocans ad Vollandum*" ("Challenging to Fly")

VISION: An academic community dedicated to the holistic education of future leaders who will demonstrate innovation in their professional competencies, integration in their personal lives and inclusion in their social contribution.

KEY VALUES: Innovation, Integration, Inclusion



MISSION

A Training for **PROFESSIONAL INNOVATION**

1. Ensuring competence, and provoking excellence and brilliance
2. Stimulating critical and creative thinking
3. Promoting multi-disciplinary learning, research and publication
4. Linking studies with contemporary industry developments and applications
5. Making core competencies socially and environmentally beneficial

B Cultivating **PERSONAL INTEGRATION**

1. Fostering confidence, motivation and vision
2. Upholding honesty, transparency and accountability
3. Facilitating emotional, interpersonal, social and spiritual intelligence
4. Developing organisational and leadership skills
5. Encouraging creative and collaborative engagement in curricular and co/extracurricular activities

C Advocating **SOCIAL INCLUSION**

1. Respecting the dignity of others and practising compassion and concern
2. Appreciating cultural pluralism and diversity
3. Striving for social justice, harmony and solidarity
4. Caring and providing for the marginalized and disadvantaged
5. Strategising to protect the natural environment



Table 1.1: Governing Body

1.1 Governing Body		
1	Fr Anil Pereira S J	Provincial, Chairperson and Trustee
2	Dr Fr Keith D'Souza S J	Rector, Vice Chairperson and Trustee
3	Dr Fr Conrad Pesso S J	Secretary and Trustee
4	Dr Fr John Rose Santiago S J	Members
5	Fr Jude Fernandes S J	
Name of Trust: The Bombay St. Xavier's College Society		

Table 1.2: Governing Body of the College (Under Autonomy)

1.2 Governing Body of the College (Under Autonomy)		
1	Dr Fr Keith D'Souza S J	Chairperson
2	Dr Fr Conrad Pesso S J	Management Representatives
3	Mr V V Dalvie	
4	Dr Fr Arul Bosco S J	
5	Justice Gautam Patel	
6	Prof Ms Anushree Lokur	Vice Chancellor's Nominee
7	Joint Director (Higher Education)	Government Representative
8	Prof Dr Ms Karuna Gokarn	IQAC Director
9	Prof Suresh Paul	Educationist
10	Prin Dr Rajendra Shinde	Ex-Officio Secretary

Table 1.3: Finance Committee

1.3 Finance Committee		
1	Prin Dr Rajendra Shinde	Chairperson
2	Dr Fr Conrad Pesso S J	College Treasurer
3	Dr Ms Annapurna S.	Faculty
4	Prof Dr Hrishikesh Samant	Faculty
5	Ms Snehal Kamat	Office Assistant

Table 1.4: College Development Committee (CDC)

1.4 College Development Committee (CDC)		
1	Dr Fr Keith D'Souza S J	Chairperson of the Management
2	Dr Fr Conrad Pesso S J	Secretary of the Management
3	Prin Dr Rajendra Shinde	Principal (Member Secretary)
4	Prof Dr Ms Karuna Gokarn	IQAC Coordinator
5	Ms Alpana Palkhiwale	Nominated HoD
6	Dr Lidwin Dias	Educationist
7	Mr Vinay Pinto	Industry Expert
8	Mr Pranil Naik	Social Worker
9	Prof Dr Ms Priya Sunderrajan	Elected Teacher
10	Dr Ms Sangeeta Shetty	Elected Teacher
11	Mr Anthony Thomas	Elected Non-Teaching Staff
12	Ms Atmaja Harlikar	Student Representative



Table 1.5: Internal Quality Assurance Cell (IQAC)

1.5 Internal Quality Assurance Cell (IQAC)		
1	Prin Dr Rajendra Shinde	Chairperson
2	Dr Fr Keith D'Souza SJ	Management Representative
3	Dr Fr Conrad Pessa SJ	Treasurer and Secretary
4	Prof Dr Ms Karuna Gokarn	IQAC Director
5	Prof Dr Mala Pandurang	Academician
6	Prof Dr Vilas Gaikar	
7	Prof Dr Krutika Desai	
8	Mr Marazban S. Kotwal	Vice Principal Science
9	Ms Alpana Palkhiwale	Vice Principal Arts
10	Dr Sanjay Parab	Vice Principal Commerce
11	Dr Abhilasha Jain	Faculty Representatives
12	Dr Binoj Kutty	
13	Dr Jotiram Gaikwad	
14	Dr Ms Sangeeta Shetty	
15	Dr Ms Norine D'Souza	
16	Prof Dr Ms Priya Sundarrajan	
17	Ms Saima Khan	Controller of Examinations
18	Dr Aldon Fernandes	Industry Expert
19	Dr Geeta Ibrahim	Education Expert
20	Mr Sunetro Ghoshal	Social Sector Expert
21	Mr Peter D'Monte	Registrar
22	Ms Grizel Menezes	Parent
23	Ms Atmaja Harlikar	Student Council Representative



Table 1.6: Academic Council

1.6 Academic Council		
1	Prin Dr Rajendra Shinde	Chairperson
2	Prof Dr Ms Karuna Gokarn	Member Secretary
3	Prin. Dr Suchitra Naik	University Nominee
4	Prin. Madhav Rajwade	
5	Prin. Sonali Pednekar	
6	Dr (Sr) Ananda Amritmahal	GB Nominee; Education
7	Dr Rahul Verma	GB Nominee; Medicine
8	Dr Soumyajit Mukherjee	GB Nominee; Research
9	Mr Srinivas Garimella	GB Nominee; Industry
10	Mr Kishu Daswani	GB Nominee; Law
11	Ms Saima Khan	Controller of Examinations
12	Dr Ms Annapurna S	Nominated Faculty
13	Prof Dr Ms Priya Sunderrajan	
14	Dr Anita Rane-Kothare	A.I.H.C.A.
15	Dr Suvaiba Pirani	Commerce (for Arts)
16	Dr Aditi Sawant	Economics
17	Dr Rashmi George	English
18	Ms Alpana Palkhiwale	French
19	Dr Bhagwati Upadhyay	Hindi
20	Dr Avkash Jadhav	History
21	Dr Pratiba Naitthani	Political Science
22	Ms Ruby Pavri	Psychology
23	Dr Agnelo Menezes	Public Policy
24	Dr Pranoti Chirmuley	Sociology and Anthropology
25	Ms Sandra Kaushik Rana	Dean, Xavier Institute of Communication
26	Ms Soni George Tharakan	Management Studies
27	Ms Akshara Pathak Jadhav	Mass Media
28	Dr Sanjay Parab	Commerce
29	Mr Alok Gude	Botany
30	Prof Dr Hrishikesh Samant	Geology
31	Mr Marazban Kotwal	Chemistry
32	Dr Prashant Ratnaparkhi	Life Science and Biochemistry
33	Ms Meenal Kolkar	Mathematics
34	Dr Sangeeta Chavan	Microbiology
35	Mr Rajesh Singh	Physics
36	Dr Katherine Rawlins	Physics
37	Ms Nandini Naik	Public Policy
38	Mr Roy Thomas	Information Technology
39	Mr Saju George	Statistics
40	Dr Pushpa Sinkar	Zoology
41	Dr Shiney Peter	Biotechnology



Table 1.7: College Administration and Services

1.7 College Administration and Services		
1	Principal	Prin Dr Rajendra Shinde
2	Vice-Principal (Academics)	Prof Dr Ms Karuna Gokarn
3	Vice-Principal (Arts)	Ms Alpana Palkhiwale
4	Vice-Principal (Science)	Mr Marazban S. Kotwal
5	Vice-Principal (Commerce)	Dr Sanjay Parab
6	Controller of Examinations	Ms Saima Khan
7	Registrar	Mr Peter D'Monte
8	College and Trust Treasurer	Dr (Fr.) Conrad Pessa S J
9	I/C Librarian	Ms Sonali Paradkar
10	Director, Sports	Dr Thomas Pires
11	Director, Wellness Centre	Fr Francis de Melo S.J
12	Student Counsellor	Dr Nirmala Almeida
13	Director, S.S.L.	Fr Vivian Almeida S J
14	Director, International Programmes	Dr Ms Prasita Mukherjee
15	Director, Heras	Dr Fr Keith D'Souza S J
16	Director, Knowledge Centre	Fr F. Baretto. S J
17	Director, X.D.P.	Dr Fr Keith D'Souza, S J
18	Director, D.I.R.S.	Dr Fr Keith D'Souza S J
19	Language Lab-in-Charge	Ms Jyoti More
20	Administrative Officer	Mr Alvin Mendonsa
21	Hostel - Management Representative	Dr Agnelo Menezes

Table 1.8: College Address

1.8 College Address			
<p>The Principal St. Xavier's College, 5, Mahapalika Marg, Mumbai 400-001, Maharashtra, India. Phone: 91-22-22620661/2/5 or 91-22-22625195 Fax: 91-22-22617677 or 91-22-22659484 Email: webadmin@xaviers.edu Website: www.xaviers.edu</p>			
1.8.1 Contact Numbers of Other Facilities On Campus			
Administrator	22632024	General Office (Direct):	22613358
Wellness Centre	22625195	Library:	22703522
Hostel:	22621785	X.R.C.V.C.:	22623298
I.M.G.:	22634558		



1.9 Right to Information (RTI) Queries

Public Information Officer (PIO)	Ms Grizel Menezes
Assistant Public Information Officer	Mr Bipin Patil
Appellate Authority	Principal

For details please refer to the College Website (RTI) Manual.

1.10 Institutes that Co-Exist on the Campus

1. Xavier's Institute of Management and Research (XIMR)
Tel. No. 22650608/09 <https://www.ximr.ac.in>
2. Xavier's Institute of Counselling Psychology (XICP)
Tel. No. 9324084592 <https://xicp.xaviers.edu/>
3. Xavier's Institute of Communication (XIC),
Tel. NO 022-621366 <https://www.xaviercomm.org>

Please contact them directly for information about their Courses and the like, either through the link entitled 'INSTITUTES', on the Homepage of our Website or through the respective Institute's given Telephone Number(s).

2. College Profile

2.1 College History

ST. XAVIER'S COLLEGE was founded in 1869 by the Society of Jesus, a Christian Religious Organisation started by St. Ignatius of Loyola. Since its very inception, the Society has significantly contributed to the field of education throughout the world, inspired by a vision of the human, drawn from the life, teachings, and personality of Jesus Christ. In India, it was St. Francis Xavier, after whom the College is named, who began the educational work of the Society of Jesus. At present, in India, the Society runs 36 Pre-Primary/Primary/Middle Schools, 130 High Schools, 20 Technical Institutes, and 33 Colleges. All these institutions form a part of the effort of the Catholic Church to share in the vital task of education.

St. Xavier's College is a Christian institution, that started with the purpose of educating the Christian community in India. It extends its services to members of other communities in an effort at building a truly inter-religious and intercultural human community in the country. On January 30, 1869, it was affiliated to the University of Mumbai. It became a Constituent College of the University, as a result of the Mumbai University Act 1953. It is entrusted by the University with the task of preparing students for degrees in Arts, Science, Commerce, Mass Media, Management Studies, and Information Technology.

St. Xavier's College looks upon itself as an academic community where scholars, both students and teachers, have the freedom and responsibility to communicate, evaluate and enlarge humankind's store of knowledge. The College stands for academic excellence and endeavour to create an environment, which generates a love of learning, a habit of critical thinking, and the ability for accurate expression. It strives after character formation based on the love of God and the service of humanity, with a view to training citizens, who will be remarkable for all-round development and a sincere commitment to God and Country.

St. Xavier's College, thus, endeavours to contribute to the necessary transformation of the prevailing social conditions. This transformation envisages that the principles of social justice, equality of opportunity, genuine freedom, and respect for religious and moral values enshrined in the Constitution of India, shall be upheld and that all men and women shall live in keeping with their human dignity and self-respect. The environment and inclusive education are of special concern to St. Xavier's College. Hence, the College strives towards making a committed and significant contribution towards these issues.

The Society of Jesus exercises its responsibility over St. Xavier's College through a Governing Body, whose Chairman is the Provincial of the Mumbai Province of the Society, the Vice-Chairman is the Rector of the College and the Secretary is the Governing Body's Chief Executive. St. Xavier's College (an Empowered Autonomous College, affiliated with the University of Mumbai, conducts the B A , B Sc , and B Com Government Aided Degree Courses on campus along with the B A (MCJ), B Com (MS), B Sc (IT) and B Com (AF) Degree Courses on a Self-Financing Basis. Masters Courses in Botany, Geology, Life Sciences, Microbiology and Ancient Indian History, Culture and Archaeology, Government Aided Degree Courses along with M Sc (Self-Financing) in Biotechnology, Physics, Big Data Analytics, and M A in Public Policy, Psychology and Economics on a Self-Financing Basis are also conducted.

Diploma/Certificate courses on Bioinformatics, Clinical Research, Forensic Science and Criminal Law, Gemmology and Gem Appreciation, Applied Philosophy and Ethics, Counselling Psychology, Expressive Arts Therapy, and Aspects of Ancient Indian History, Culture, and Archaeology are also held in collaboration with other Institutions or groups.

2.2 Recent Achievements of the College

2.2.1 Empowered Autonomous Status: In July 2023, as per the Maharashtra State Public University Act 2016, the University of Mumbai conferred the **Empowered Autonomous Status** to St. Xavier's College, Mumbai for 10 years till 2034 which allows SXCM to award joint degrees with the University of Mumbai.



2.2.2 Autonomy Extension: On 06.07.2023, the UGC granted the extension of autonomy for 10 year from 2023-24 to 2032-33.

2.2.3 EducationWorld Magazine Higher Education Ranking 2023-24: 1st among top private autonomous colleges in India. Has been ranked 1st since 2019-20.

2.2.4 MHRD's National Institute Ranking Framework (NIRF) (2024): 89th Rank (College Category) at the National level.

2.2.5 College secured an A+ Grade (GPA): 3.27/4 in the fourth cycle of accreditation (2022) by NAAC.

2.2.6 St. Xavier's College has been recognised as the **Best Education Brand 2024 and 2018-19** by the Times Group.

2.2.7 The College has been conferred the **Nipman Foundation Microsoft Equal Opportunity Awards 2018** in the Enabler Category of Inclusive Schools – Higher Education.

2.2.8 Department of Biotechnology (DBT) Star Status:(2014) to Botany, Chemistry, Life Science, Microbiology, Physics & Zoology. **DBT Star Scheme Grant** to Mathematics (2015) & Statistics (2016).

2.2.9 Heritage Grant (2015): awarded by the UGC, under the MHRD, Government of India.

2.2.10 'College of Excellence Award': (April 2014) by the UGC, under the MHRD, Government of India.

2.2.11 Certificate of Excellence by the Associated Chambers of Commerce & Industry of India (ASSOCHAM) for Best Institute Serving a Social Cause (February 2014).

2.3 Undergraduate Courses

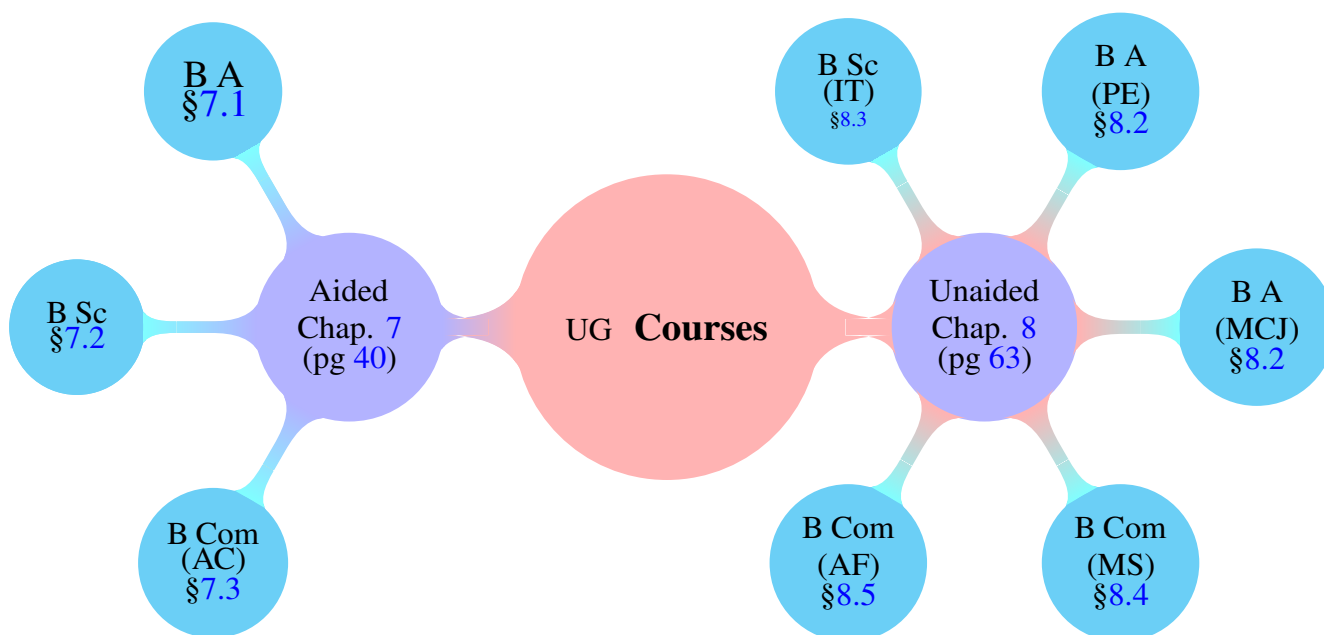


Figure 2.1: Undergraduate Courses

AC - Accounting and Commerce,
PE - Psychology and English,
MS - Management Studies,

IT - Information Technology,
AF - Accounting and Finance
MCJ - Mass Communication and Journalism,

2.3.1 Faculty Specialisations - Arts, Science and Commerce

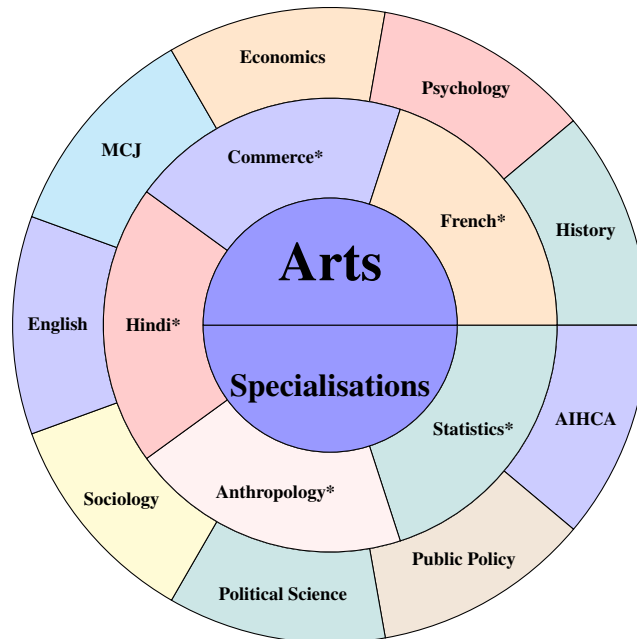


Figure 2.2: Subjects in Art Faculty

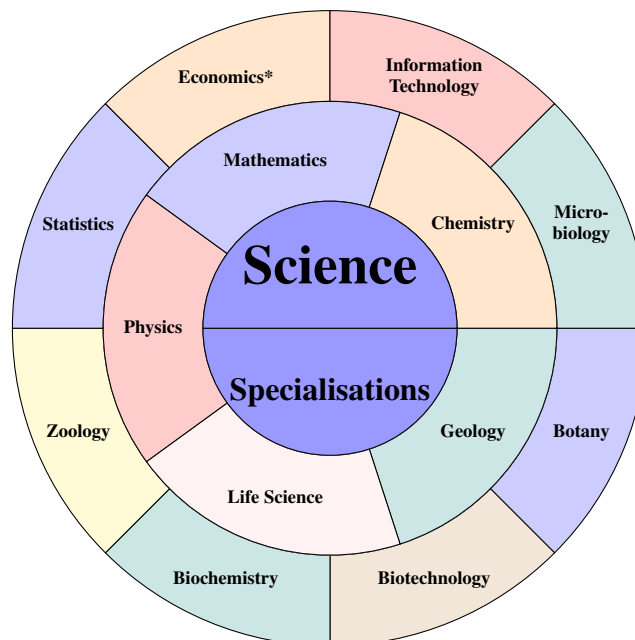
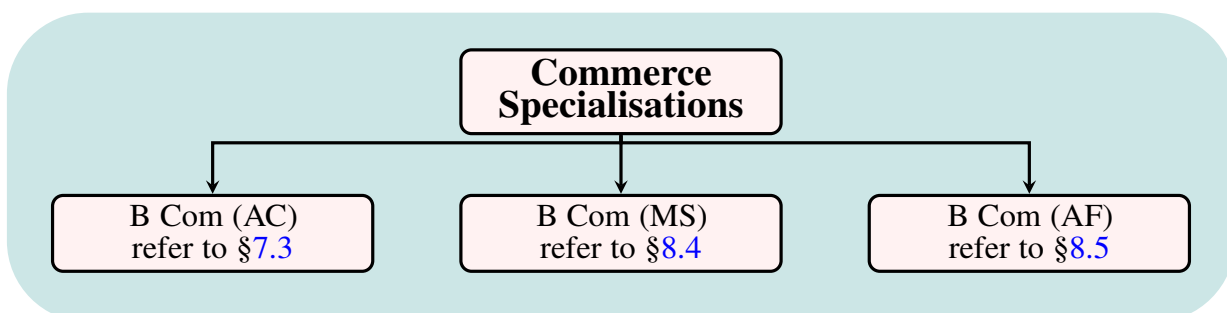


Figure 2.3: Subjects in Science Faculty

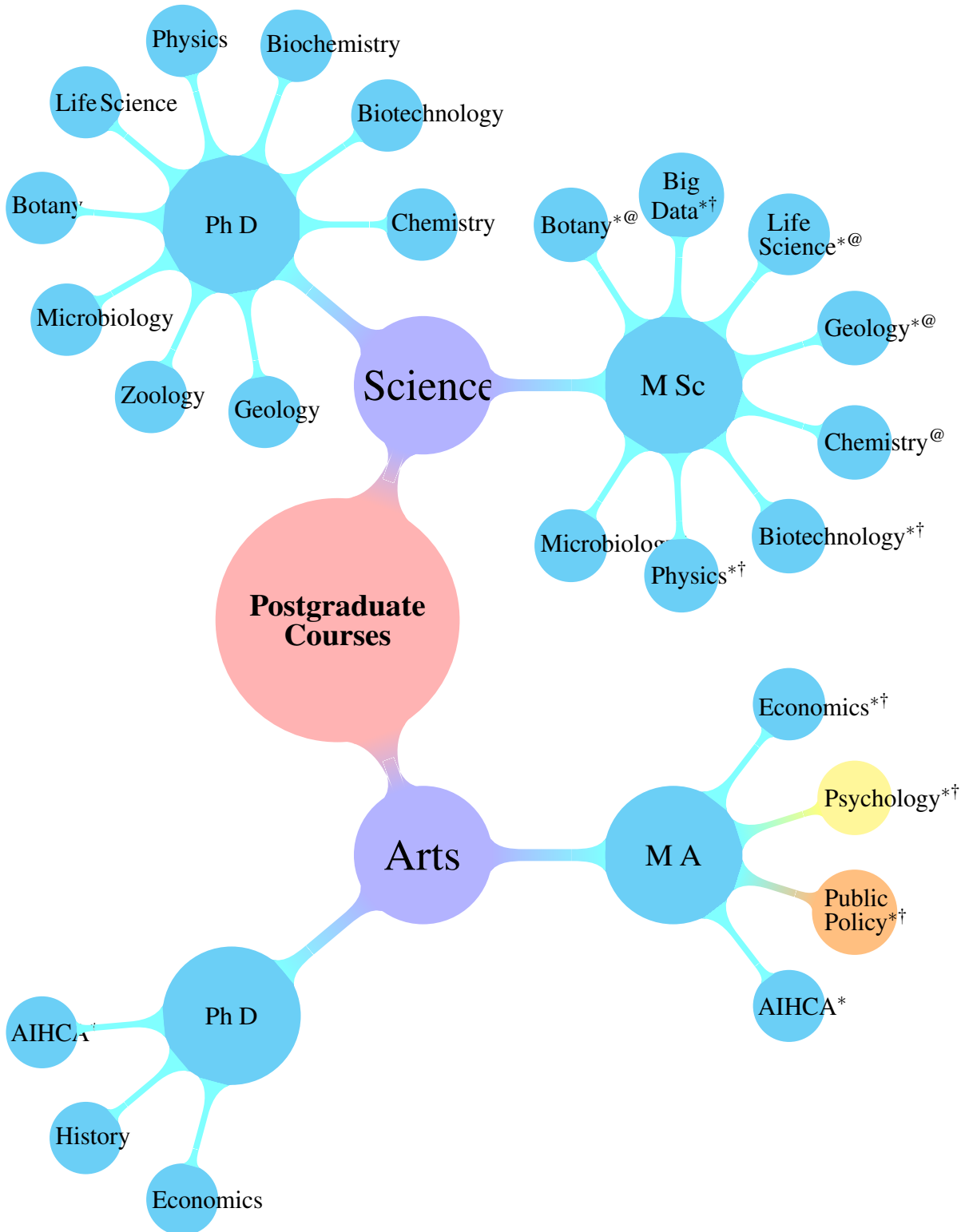


AIHCA - Ancient Indian History, Culture and Archaeology

* - Minor Subjects



2.4 PG and Ph D Courses and Subjects



Note: * - by papers, @ - by research, † - self-financed,
 AIHCA - Ancient Indian History, Culture and Archaeology

3. College Facilities

3.1 Core Infrastructure

3.1.1 Library

The College Library provides print and electronic resources for all academic and related activities of the students and staff, services for retrieving and using these resources and adequate infrastructure and spaces for their use. An online database of books and journals is maintained. Access to these is provided through five OPAC (On-line Public Access Catalogue) terminals in the library and a link on the College website. The library has initiated an Institutional Repository by digitalising rare books and college publications. The library is open from 9.00 a.m. to 8.00 p.m. on all working days only.

3.1.1.1 Reference Library (RL): The heritage-structured Reference Library has Reserve Counters with textbooks, current issues and bound volumes of journals, reference books, special collections, two peer-learning cubicles for group discussions and study, a separate study area for staff, electric charging points, Wifi along with six terminals for internet access and CD/DVD viewing (of which two are reserved for Staff). A photocopying facility exists near the RL.

3.1.1.2 Lending Library (LL): The open-access Lending Library with a mezzanine floor, houses about 60,000 books. The Lending Library has a paperback collection, newspapers and magazines reading facilities, the Issue and Return Counters and reading spaces.

3.1.2 Computer Center

It is called the 'Xavier Knowledge Centre'. It is solar-powered and is situated on the first floor of the Hostel Building and includes 5 Computer Laboratories having about 126 computers in all. One of the Computer Labs has a Video Conferencing facility. The Centre supports all the curricula computer courses. It also holds courses in collaboration with other organisations.

3.1.3 Bonet Computer Lab

The Fr José-Vicente Bonet Computer Lab was inaugurated in September 2022, with a grant from Arthur Fernandes, a 1957 batch alumnus. It has 70 computer terminals, used by students from all the streams of the College. Industry-oriented courses especially benefit from the latest software in this state-of-the-art computer lab.

3.1.4 Xavier Fintech Lab

The Xavier Fintech and Bloomberg Lab was inaugurated in August 2024. It has 16 Bloomberg terminals, which give students access to a world-renowned financial, regulatory and market database that is used by all the major financial firms and organizations around the globe. It is an excellent resource for fintech innovation and enables students to be industry-ready in various finance-related fields.

3.1.5 Gymkhana

It is called the Fell Gymkhana (after its founder Fr Fell SJ) It has facilities for Body-Building, Badminton, Table Tennis, Carrom and Chess. The College has full-size Basketball and Volleyball Courts. The college has leased from the MCGM the use of a cricket pitch on Azad Maidan.

3.1.6 Multi-Media Centres

3.1.6.1 The Smith Centre for Audio-Visual Instruction (SCAVI): The SCAVI was inaugurated in December 1979. It has audio-visual instruments and techniques at the service of staff and students. It has been renovated under grants from the



Sir Dorabjee Tata Trust.

3.1.6.2 The Multi-Media Room (MMR): MMR is a centralised facility for Multimedia-based instructions and presentations for our staff and students. It has been renovated under grants from the Sir Dorabjee Tata Trust.

3.1.6.3 S. H. Mehta Hall: It was inaugurated in February 2020, with a grant from the Onward Foundation, in memory of our alumna Shaila Mehta. It is an auditorium-style hall, with audio-visual equipment for regular class use as well as special occasions.

3.1.6.4 Classroom Podium: 20 classrooms were equipped **podiums** with all digital preparedness. The project was sponsored by RUSA.

3.1.7 Common Rooms

There are separate common rooms for male and female students as well as for the teaching and non-teaching staff members.

3.1.8 Canteen and Foyer

This is a spacious area with a view of greenery. A variety of refreshments and meals are available here. It is a place on the campus not only for leisure and refreshment but also for students to bond, discuss and even work on assignments and projects.

3.1.9 Hostels

The Campus Hostel can accommodate 104 male students. Only First and Third Years UG students and PG (I and II) students are admitted into the Hostel. A part of the College Canteen functions as the Hostel Mess and it serves subsidised meals and refreshments to hostelites and guests. The rooms in the hostel are either for 2, 3 or 4 occupants. Applications are accepted only after admission to the College has been secured.

The College has an additional hostel facility at **Seva Niketan, Byculla** which is also run by the Jesuits in collaboration with the Management of the College. It houses another 75 male students of the College.

Many of our women students stay at **Regina Pacis Hostel, Byculla, Missionary Settlement for University Women, Mumbai Central** and **Savitribai Phule Hostel**, Charni Road. Besides this, the college has approached the 'Your Space' hostel agency to run dedicated hostels for the women students at our college.

3.1.10 Counselling Centre

It provides Personal Counselling - Interviews for better Personal and Social Adjustment, Personality Evaluation Tests for Self-Improvement, Vocational Testing, Information on Careers, Professions and Specialised Studies in India and abroad, Information on Scholarships and Financial Assistance Schemes. It also helps in organising Orientation Programmes for the newly admitted students. Since 2018, its scope has been expanded and it is now called the Wellness Centre

3.1.11 Placement Centre

This Centre endeavours to bring reputable companies for campus placement of our students. It also trains students to write their CV and get acquainted with the selection process of corporates. A Staff-Student Committee operates this Centre.

3.1.12 First-Aid Centres

Basic 'First-Aid' is available with the College General Office (CGO) (Ms Grizel Menezes) and the SIP Office. The CGO personnel will facilitate the calling of a doctor in case of an emergency or the shifting of the concerned person to either G.T. Hospital or Bombay Hospital. A stretcher and wheelchair are available with the Gate-Security. Bombay Hospital will be assisting our college in case we require quick medical help as well as an ambulance facility.

3.1.13 Administrator's Office and Workshop

This Office coordinates all the maintenance services on the campus.



3.1.13.1 Disaster Management

**In case of campus mishaps, they must be reported to,
The College Administrator (Ex. 108) or
The College Receptionist (Ex. 100) or
The Principal (Ex. 101).
College authorities could also be contacted on phone lines:
22620661 or 22620665**

3.1.14 St. Xavier's Villa, Khandala

It is spacious set-up in the midst of the Khandala hills and dales. It is about 20 minutes' walk from the Khandala Railway Station. It is open to the College staff and students for retreats, seminars and educational conferences. It includes a small chapel, a dining room, two conference halls and about 40 rooms (with single, double or triple occupancy). A caterer provides regular meals. Bookings must be made through the Treasurer's Office of the College.

3.1.15 The Xavier's Merchandise Shop (XMS)

On the ground floor of the Administration Building, is an outlet of the Xavier's Development Programme (XDP).

3.2 Core Forums

3.2.1 Students' Council

The College has a long tradition of student participation in decision-making. Students on the Council serve as representatives of the students of each class.

3.2.2 Extra-Curricular Committee (ECC)

It consists of faculty and students. It coordinates all the cultural and other extra-curricular activities on campus. It also monitors the extracurricular involvement of each student in his/her attempt at completing the requisite hours of such activities to earn the mandatory Extra-Curricular Non-Academic Credits (non-NEP). Students should check the College website for the ECC data submission procedure.

3.2.3 Grievance Redressal Mechanism (<https://grc.xaviers.edu>)

As per the University of Mumbai Circular No. DSD/05/of 2019 and GR dated 27/02/2019, the College Grievance Redressal Cell (CGRC) consists of the Principal (Chairperson of the CGRC), one Senior Faculty Member - Dr Annapurna S, and Member Secretary – Dr Prashant Ratnaparkhi. The CGRC looks into formal complaints (in a gender-neutral manner) made by students or faculty and recommends action to the Principal. Complaints may be made either to the Principal or directly on the online portal: <https://grc.xaviers.edu>

3.2.3.1 For academic grievances, the student should first approach the Head of Department concerned, if the teacher in question is not open to dialogue. The student may then use the online portal mechanism to complain using the link [grc.xaviers.edu].

3.2.3.2 For personal matters or regarding facilities on campus, students are encouraged to meet their teachers or the concerned Vice Principal, or even the Principal.

3.2.3.3 Anti-Ragging Committee: The College has an 'Anti-Ragging Cell' to address grievances on ragging matters (which is strictly prohibited on campus). The convener of the cell is Prof Dr Hrishikesh Samant, HoD, Geology. The Members of this cell are Dr Annapurna S and Dr Pranoti Chirmuley.

3.2.3.4 The Students' Council is also a channel for issues listed in Section 3.2.3 on the current page.

3.2.3.5 Suggestions (feedback/feed-forward) to improve the quality of life on campus are welcome.

3.2.3.6 The College authorities assure confidentiality when complaints are lodged.

3.2.3.7 College has created a cell to prevent Caste-Based Discrimination. The aggrieved person(s) may approach the Principal on any such grievances. Alternatively, the person(s) can complain through the online portal - <https://grc.xaviers.edu/castebaseddiscrimination>.



3.2.4 Gender Cell (GC)

It coordinates programmes for awareness and action on any gender-specific issues. It also constitutes the Gender Grievance Redressal Cell for complaints of sexual harassment or discrimination.

3.2.5 Internal Committee (IC)

It addresses issues about sexual harassment. The convener of the Committee is Dr Annapurna S, with other members being Ms Linda Dhakul, Dr Prashant Ratnaparakhi.

Email - internal.committee@xaviers.edu

[Internal Committee](#)

3.2.6 Inclusive Education (Provisions for Students with Disabilities)

3.2.6.1 Inclusive Education Policy: The College offers support services to students with disabilities through the Enabling Committee. This Committee looks at concerns and solutions for effective Inclusive Education practices. If a current or prospective student with a disability has any queries please contact,

Dr Sam Taraporevala	sam@xrcvc.org	Dr Sam Taraporevala
Ms Poonam Deokar	poonam.deokar@xaviers.edu	Poonam Deokar
Ms Shizanne D'mello	shizanne.dmello@xaviers.edu	Shizanne D'mello;
XRCVC Phone	022-22623298	022-22626329.

3.2.6.2 Inclusive Education Accommodation Request Process: It is imperative for students with disabilities who seek to have any accommodations during their course of study to complete the process of submitting the Accommodation Intake Form within the first 15 days of having secured admission (for new students) and the Accommodation Continuation Form within 15 days from the start of the new academic year (for students continuing in college). Any delays in not meeting the deadline to submit the form will be taken as the student does not need any accommodation. It should be kept in mind that if the student has not filled in the Accommodation Intake Form, the college is then not mandated to provide any accommodation services.

3.2.6.3 Accommodations: Any student seeking accommodation needs to seek an appointment with Ms Poonam Deokar/Ms Shizanne D'mello, Coordinator, Students with Disability, XRCVC as soon as possible on grant of admission/beginning of the new academic year.

3.2.6.4 After the meeting with the coordinator, the student is to fill the Intake/Continuation Form within 15 days of granting of admission/start of the academic year. The same must be downloaded from the college website under the Inclusive Education Tab and submitted to Ms Poonam Deokar/Ms Shizanne D'mello, XRCVC.

3.2.6.5 Last date for submitting the forms for 2024-25:

3.2.6.5.1 First Year Degree College: 15 days from the date of being admitted into the College.

3.2.6.5.2 Second Year and Third Year Degree College : 16th July 2024 (SY and TY)

3.2.6.6 The students will be granted their Accommodation Letter after being passed by the Enabling Committee.

3.2.6.7 The students are then expected to give a copy of this letter to all professors teaching them. The student is also expected to share the letter with any new professor who starts teaching them during the year. The students are expected to do this within 7 days of being issued the letter or within 7 days of a new professor starting to teach. If the student fails to share this letter with respective professors, the college may not be able to provide the support granted.

3.2.6.8 For details of provisions (Academic and Examination) available for students with disabilities please read the Intake Form/Continuation Form.

3.2.6.9 In case of any grievances with the accommodations granted the students may approach the Principal. In case of any Special Request not included in the Intake Continuation Form, the student must make a direct application to the Principal.

3.2.6.10 To support economically disadvantaged students and thereby get them included in the academic flow of the College Campus, the College has established the Student Beneficiary Fund. It is from this corpus that students' college fees, canteen bills, and even hostel charges are paid. Dr Manasi Kanuga is currently in charge of this facility, and she acts as the liaison between the deserving students and the SBF. Students must apply for these facilities by handing in an application to Dr Manasi Kanuga along with the family Salary Slip. She will then present these cases to the Principal, who along with the Treasurer of the College, makes the allocation decision.



3.2.6.11 Inclusive Education Facilities on Campus

3.2.6.11.1 Xavier's Resource Centre for the Visually Challenged (XRCVC): This centre for persons with disabilities (PwDs) is supported by individuals, trusts, and corporates. It is technologically equipped with various screen readers, screen magnifiers, text-to-speech converters, tactile graphical creation systems, Braille machines, et al., and assistive technologies to help persons with other disabilities. The XRCVC is involved with;

1. **Student Activities:** Student training (computer, mobility, and Braille) and volunteer coordination.
2. **Social Advocacy:** Addressing accessibility issues of PwDs at local, regional, and national levels.
3. **Awareness Generation** on the lives of persons with disabilities among all stakeholders and people at large.

Director: Dr Sam Taraporevala

Dr Sam Taraporevala is the moving force behind the centre website <https://www.xrcvc.org>

3.2.6.11.2 Enabling Committee: This Staff-cum-Student Representative Committee addresses all inclusion and accessibility needs and initiatives on campus. Grievances by students with disability can be addressed to this Committee or principal@xaviers.edu (the Principal) The Committee is headed by the Principal. For students with disabilities seeking admission to the college please refer to Section 3.2.6 on the facing page for details on procuring provisions during the study. The students must complete the Intake Form process listed under the said section within 15 days of receiving admission.

For examination accommodation available for Students with Disabilities and the process to avail the same please refer to Section 3.2.6 on the preceding page and the college website www.xaviers.edu tab of Inclusive Education.

As per the Government of Maharashtra GR dated 16 October 2018 and MSJE Guidelines for Benchmark Disabilities - 29 August 2018, some provisions are available during exams (on request and subject to the Principal's approval). Students with specific medical conditions needing any provisions may contact the Principal at principal@xaviers.edu (the Principal)

3.2.6.11.3 Student Inclusion Cell (SIC): The SIC is a student body that works at inclusion and accessibility on campus. The SIC is headed by an Overall Coordinator and a team selected on an annual basis. The SIC works on diverse projects and events to promote awareness amongst the student community on inclusion and provide support to the College to ensure the effective delivery of the inclusion ethos on campus. The SIC can be reached at [. sic.xaviers@gmail.com](mailto:sic.xaviers@gmail.com) (Student Inclusion Cell)

3.3 Additional Academic Facilities

3.3.1 Blatter Herbarium

It was started at the end of the 19th century. By 1918 a large number of plants were gathered by Fr E. Blatter SJ, his associates, and students. The Herbarium was named after Fr Blatter in 1941. It contains the largest collection of plants in Western India. It provides facilities for the study of Plant Systematics and has a well-stocked library on Systematic Botany. The Herbarium has received the Sir Ratan Tata Trust Grant for the up-gradation and digitisation of the plant database.

Director : Principal Dr Rajendra Shinde

3.3.2 Caius Research Laboratory for Inter-Disciplinary Studies

It was established to conduct drug research and was named after Fr J. F. Caius SJ It has been restructured and equipped with new instruments. It functions as a research and coordination centre for all the Science Departments. In this Lab, a strain of *Streptomyces* was identified. It has been supported by grants from industry, UGC, UNDP, etc. This laboratory also provides facilities for faculty and students from within the College as well as from other Colleges/ Institutes to conduct research projects and internships.

Director: Prof Dr Ms Priya Sunderrajan

3.3.2.1 Central Instrumentation Facility (CIF)

This facility (part of the Caius Research Lab) has sophisticated equipment acquired through a DST-FIST Grant and UGC's 'College of Excellence Scheme'.



3.3.3 Heras Institute of Indian History and Culture

Initially, it was called the Indian Historical Research Institute, by Fr Henry Heras SJ, and on his death in 1955, it was renamed after him. The Heras Institute, with its well-stocked Research Library and Museum, provides guidance and facilities for Post-Graduate research in Ancient, Medieval and Modern Indian History, Indian Art and Literature, and Indian Religions and Culture. Its Research Journal is called INDICA (since 1964).

Director: Dr Fr Keith D'Souza SJ

3.3.4 Nadkarny–Sacasa Research Laboratory

It provides modern research facilities in Chemistry and connects research with industry. It can support 20 Post-Graduate research students in Chemistry. This laboratory has produced several doctorates, one international and two national patents.

Director: Dr Ashma Aggarwal

3.3.5 Xavier's Visual Arts Studio

It is equipped with professional quality digital cameras (still and moving), lighting equipment, and an A.V. editing setup. This facility is open to all our college students. Students from the Arts, Science and commerce faculties use this studio to enhance their course projects with the basic techniques of visual presentation. The Head of the B A (MCJ) Department, Ms Akshara Pathak Jadhav oversees this studio.

3.3.6 St. Xavier's Language Laboratory

It is equipped with the latest in Language Acquisition Technology. It caters to both new and advanced learners in English, Hindi, French, and Marathi. It also helps students to develop their soft skills (e.g. presentation skills and public speaking skills).

Instructor: Ms Jyoti More

3.3.7 The Xavier Institute of Communications

This professional media centre is an autonomous curricular unit of St. Xavier's College. More than 250 students enrol each year in courses like Journalism and Mass Communication, Advertising and Marketing Communication, Public Relations and Corporate Communication, Film, TV and Digital Video Production, Advanced Integrated Communications Programme, and Event Planning and Experiential Marketing. A variety of specialised, short-term certificate courses are also offered to media professionals, and others seeking media training. The alumni of this Institute are well-placed in the media sphere.

3.3.8 Xavier Institute of Counselling Psychology (XICP)

Addressing the dearth of mental health professionals and equipping psychologists with the necessary knowledge and skills to enhance therapeutic counselling Fr Berchmans D'Souza SJ, founded the Xavier Institute of Counselling Psychology (XICP) in 1992. The mission to augment the psychological well-being of humanity continues to be upheld and currently, there are two courses run by XICP:

1. The PG Diploma in Counselling Psychology for those having a master's in Psychology and related fields, and
2. The Certificate Course in Personal Counselling for people from fields other than Psychology.

Though the Certificate Course was conceived by Fr J.M. Fuster SJ, it is now run under the XICP banner as the vision remains consistent with that of enhancing the mental health of society. The courses are unique in their practical and hands on approach.

3.4 Co-Curricular and Extra-Curricular Facilities

3.4.1 Department of Inter-Religious Studies (DIRS)

It fosters an understanding and appreciation of religions as a potent force for communal harmony, social justice, and ecological sustainability. It aims to motivate people of all faiths as well as those who profess none to strive together for integral compassion (intrapersonal, interpersonal, societal, global, and cosmic). It organises sensitivity programmes,



discussions, and public lectures on relevant issues in religion, culture, and philosophy. It runs two Diploma Courses: “Inter-religious Traditions” and “Comparative and Applied Ethics”. Dr Fr Keith D’Souza SJ is the Director.

3.4.1.1 Chapel-cum-Prayer Hall: The Chapel is open during college hours to students and staff of all faiths who would want time for quiet and prayer. The Eucharist is held 4 times a week for Catholic students and staff, during the class break timings.

3.4.2 Council of International Programmes (CIP):

It enables an osmotic educational link between St. Xavier’s College and Universities across continents. It has incessantly bolstered the visibility of St. Xavier’s College on the global map. While CIP looks forward to fostering new alignments with the leading universities across the globe, it harks back to the rich legacy of globalisation that has been an inherent facet of Jesuit education at St. Xavier’s College. CIP facilitates both short-term and long-term programmes for its in-house and foreign students.

Email: cip@xavierrs.ed [Council of International Programmes](#)

3.4.2.1 Short-term programmes for in-house students can be availed of in the April- May period. Summer programmes are available in some of the leading universities in the world. Credits earned through these programmes cannot be transferred.

3.4.2.2 Long-term Programmes include:

3.4.2.2.1 A semester abroad during the fourth semester with full-transfer credits. Admission to this program is subject to the approval of the core departments that the student is currently studying in.

3.4.2.2.2 One-year exchange programme after completing the second or third year. If the student chooses to go after the second year, the student must return to college to complete the third year of the degree course to graduate from St Xavier’s College.

3.4.2.3 All students availing of foreign exchange programmes must abide by the norms and guidelines stipulated in the College Handbook.

Director: Dr Prasita Mukherjee

3.4.3 Study Abroad Counselling Centre (SACC)

It helps students get admission into PG programmes in various foreign Universities; in selecting Universities, preparing for completing visas and pre-departure formalities. Ms Rashida Haidermota oversees the Centre.

3.4.4 Honours Programme (for TY)

It aims at providing an intellectual challenge to students. It seeks to go beyond the regular syllabi, provide scope for greater student participation, and promote creativity in the learning process. Assignments, seminars, projects, and displays, make learning an exciting academic pursuit. Over three years, students must accumulate a minimum of 7 credits, of which: 5 must be from the Hub (formerly Department) in which the student has registered; and 2 Transfer Credits from any other discipline/Hub. Individual e-credit cards are awarded to students who complete their Honours activities. A Certificate of Merit is awarded to students who complete the Programme. The office of the Vice-Principal (Academics) is incharge of this Programme. This programme is only for TY UG students.

3.4.5 Learning for Life Programme

It seeks to enlarge the scope of learning to other areas of accomplishment. It includes courses in Personality Development, Public Speaking, Self-Defence, Photography, Calligraphy, etc. The ECC manages this Programme.

3.4.6 College and Departmental Fests/Conferences

The College encourages the holding of Fests/Conferences as it trains students in organizing and leadership skills. Every department organises such activities at the intra and/or inter-college levels.

3.4.6.1 Malhar : It is an annual inter-collegiate 2-day festival held in August. Along with the cultural component, it also holds ‘Conclave’ as its intellectual component.



3.4.6.2 Xynergy : It is an inter-collegiate Science Festival held in November. It includes a conference, an exhibition, and other academic events.

3.4.6.3 Jan-Fest : It is a 2-day festival that celebrates Indian Classical Music in January. This is a finale of a series of musical concerts that IMG organises, please refer to 3.5.1.

3.4.6.4 For the Department Fests and other extracurricular programmes, please refer to 3.5.6 on the next page.

3.4.7 Social Involvement Programme (SIP)

It aims at making education socially relevant. Students are made to learn through direct social involvement as ‘when the heart is touched by direct experience, the mind is challenged to change.’ Students work with economically and physically underprivileged children as well as with mentally challenged individuals, domestic workers, hospital patients, and senior citizens. Under the guidance of two qualified Social Workers, students (Non-NEP) are required to offer a minimum of 45 hours of service with an NGO and 5 hours of social activities connected with any of the academic disciplines that the college offers.

3.4.8 Career Katta

3.4.8.1 Career Katta is an initiative of the Maharashtra Information Technology Support Centre (MITSC) and Maharashtra State Higher and Technical Department. The college is a member of this initiative. The MITSC, under this initiative, will conduct various activities to guide students to explore career development avenues like career through competitive examinations (UPSC, MPSC, IBPS, SSB, etc.) as well as guide on exploring entrepreneurship through skill enhancement initiatives.

3.4.8.2 Eligibility to Join- Any student admitted for any regular course in the college/or college alumni recommended by the college coordinator.

3.4.8.3 Registration Fee- One-time ₹365 for 3 years degree period, which will be reimbursed offering concession in Certificate Exam fee for deserving students. A student can get himself/herself registered through the “Career Katta” App paying fees using online payment mode. <https://mitsc.co.in> For more details contact **Dr Jotiram Gaikwad** - Career Guidance Co-ordinator- or Career Katta Helpline - 7507652555 about this initiative.

3.5 College Associations

3.5.1 The Indian Music Group (IMG)

It aims to promote Indian Classical Music in the city. It organises concerts, lecture demonstrations, and music appreciation courses. **Jan-Fest**, its annual Indian classical music festival, is very highly rated. In 1984, an air-conditioned library was set up with an enviable collection of LPs and tapes, including several thousand hours of recorded live performances.

IMG Convenor: Dr Pratibha Nathani

3.5.2 The Social Service League (SSL)

This started more than 50 years ago. It caters to the altruistic sensibilities of students. Its activities include an exhibition on a socially relevant theme, an annual Rural Work Camp, Project Care (a two-day programme for children who are economically or differently challenged), visit homes for the disadvantaged, and similar activities.

Faculty-in-Charge: Fr Vivian Almeida SJ

3.5.3 All India Catholic University Federation (AICUF)

Inspired by Gospel values, the AICUF, a national youth organisation, allows students to develop an all-round personality through leadership training, social outreach, spiritual integration, and cultural activities. Conscientised on burning issues like women empowerment and ecological imbalance, its members are geared to taking a stand to liberate marginalised groups and Mother Earth. The AICUF facilitates the College Choir and with the DIRS organises the Inter-Faith Prayer Services and Masses. Its national slogan is ‘We are born into an unjust society, and we are determined not to leave it as we have found it. True to the concept of ‘Catholic’ which means ‘Universal,’ the approach of the AICUF is inclusive. Fr Vivian Almeida SJ is the Faculty-in-Charge.



3.5.4 St. Xavier's Alumni Association

It is more than 100 years old and was registered in 1964. It caters to alumni/ae who would like fellowship and contact with their Alma Mater. The Association has seen illustrious ex-students involved in its activities. The XDP manages it.

3.5.5 Xavier's Development Programme (XDP)

It aims to connect with alumni for various alumni-centric events and keep Xavier's family alive via the alumni website <https://alumni.xaviers.edu>, social media, and personal contact. It also looks to collect funds for the college: staff endowment, academic facility enhancement, heritage restoration, and infrastructure development.

Director: Dr Fr Keith D'Souza

3.5.6 Activities of Departments/Associations/Bodies in College

Table 3.1: College Activities

College Activities			
	Association	Publication	Fest/Program
A.I.H.C.A.	RCA	Vividha	
Biotechnology		Palindrome	Palindrome
Botany		—	Acta Botanica
Chemistry	Xavier's Association of Chemistry – XAC	Elemental	XAC Fest
Commerce Section		Trends	Sitare
Economics	Eco-Circle	Arthniti	Econundrum
English	English Association	Ithaka	Ithaka
ECC Committee		–	ECC Carnival
French		A La Francaise	
Geology	Terra		
Heras Institute		Indica; The Bombay Explorer	
Hindi	Hindi Sahitya, Sangeet	Ankur and Natya Academy	Antas
History	History Group	Aitihasik	
Inter-Religious Studies		Tarang	The Harmony Project
Life Science and Bio-chemistry		Lignum Vitae	Biowaves Symposium
Management Studies		Insight	Zephyrus
Mass Media	Media Circle	The Catch Phrase	Zeitgeist
Mathematics	Mathematics Association of Xavier's (MAX)	The Proof	
Microbiology	Microbiology Association of Xaviers, Mumbai	The Michronicle	
Physics	Physics Circle	Celerities	Probe
Political Science	Political Science Association	Samvad	
Psychology		Uncommon Sense	
Public Policy		NitiSamvaad	NitiSamvaad
Sociology & Antropol-ogy	Academy of Sociology and Anthropology	Eidos	
Statistics	Stats Society	The Plot	Confluence
Zoology	Xavier's Zoology Associa-tion	Imprint	



Table 3.2: College Activities

College Activities			
	Association	Publication	Fest/Program
Fest/ Programme Organised by College	Malhar, TedX, Xynergy, Jan-Fest		
	AICUF	AICUFer	Ujali, AICUF Day
	DIRS	Tarang	
	Film Club		Countdown
	Jagruti	Pukar	
	Marathi Vangmaya Mandal	Tejomaya (Diwali issue); Pakharan	Aamod
	Student Council	Xpress	
	Faculty Research Journal	Xplore	—

4. College Admission Process

4.1 Admission Policy

4.1.1 Admission of students into UG and PG Courses will be based on the aggregate marks in the qualifying examination or its equivalent, for both, unless specified otherwise.

4.1.2 An Entrance Exam is conducted for

4.1.2.1 UG Courses : B A (MCJ)-Mass Communication and Journalism
B Com (Management Studies) and
B Sc (Information Technology)

4.1.2.2 PG Courses : Public Policy, Psychology, Big Data Analytics,
Physics (Astrophysics).

4.1.2.3 Admission for the courses listed in 4.1.2.1 on the current page is based on:

4.1.2.3.1 60 per cent weightage to the Entrance Test and 40 per cent weightage to Class XII aggregate marks.

4.1.2.3.2 A candidate can apply in only one category (refer to Table 4.2 on page 23 Table).

4.1.3 For all the other PG courses, admissions are based on the merit secured by the candidates as per the selection criteria of the respective PG Departments. Respective PG selection criteria can be found on referring links below : ↓

4.1.3.1 M Sc in Botany, Geology, Life Sciences and Microbiology refer to 9.1.5 on page 76

4.1.3.2 M Sc in Big Data Analytics 11.2.4 on page 89

4.1.3.3 M Sc in Biotechnology 11.3.7 on page 91

4.1.3.4 M Sc in Physics 11.4.4 on page 94

4.1.3.5 M A in Ancient Indian History Culture and Archaeology: 10.1.5 on page 86

4.1.3.6 M A in Public Policy 12.2.6 on page 97

4.1.3.7 M A in Psychology 12.4.4 on page 101

4.1.3.8 M A in Economics 12.3.2 on page 99

4.1.4 All applications for admission to any UG or PG degree course should be submitted On or before the date notified by the College. Late applications may not be accepted.

4.1.5 If an entrance exam is held for any UG or PG degree courses, then only those candidates who appeared for the said examination become eligible for admission into the concerned course, in the academic year under consideration. In other words, anyone who has not appeared for the concerned entrance exam, cannot be admitted into that course.

4.1.6 Admissions will be considered to be complete only when the full fees for the academic year are paid (against an official receipt) and the name of the applicant appears on the relevant rolls. Only the Principal can condone payment in full or allow payment in part.

4.1.7 All UG and PG admissions are valid only for one year and are therefore to be renewed for each subsequent year of study.

4.1.8 A student will not be re-admitted to the College if he/she has:

1. - had three unsuccessful attempts at the same examination.
2. - been debarred twice within the first four semesters.
3. - had serious complaints of indiscipline against him/her in the previous year.



4.1.9 The College is a Catholic Minority College, administered under the provisions of the Indian Constitution, to promote the welfare of the Minority community.

4.1.9.1 As per the Judgement dated 12th October 2017 of the Honourable Bombay High Court vide Writ Petition No. 1726 of 2001, Minority Colleges do not need to set aside seats for Backward Classes. This is reiterated by the University of Mumbai Circular (No. Aff./Recog./Admission/(2018-19)/10/of 2018), dated 30th May 2018.

4.1.9.2 This Judgement renders null and void the Directives regarding Reservation of Seats given by the University of Mumbai vide Circular No. Spl. Cell/(68)/218/2005 dated 3rd June 2005 [i.e., SC (13 per cent)/ST (7 per cent)/DT(A) (3 per cent)/NT(B) (2.5 per cent)/ NT(C) (3.5 per cent)/NT(D) (2 per cent)/OBC (19 per cent)/SBC (2 per cent)].

4.1.9.3 Hence, the admission in-take in St. Xavier's College (Autonomous), Mumbai is as shown in Table 4.1 and Table 4.2 on the facing page respectively.

Table 4.1: Seat Reservation in UG Courses (Aided)
FY B A and FY B Sc (360 seats each) and FY B Com (240 seats)

Seat Reservation in UG Courses		
Category		Criteria
Total seats 100 per cent (Arts and Science: 360, Commerce: 240)		
Management Quota Arts and Science: 15 per cent of 100 per cent of 360 seats Commerce: 15 per cent of 100 per cent of 240 seats		Case A
Balance Seats 85 percent		
Christian Minority Arts and Science: 50 per cent of 85 per cent of 360 seats Commerce: 50 per cent of 85 per cent of 240 seats		Case B & C Case C
General Category Arts and Science: 42 per cent of 85 per cent of 360 seats Commerce: 42 per cent of 85 per cent of 240 seats		Case B & C Case C
Others I. Persons with Disability Category: Arts and Science: 5 per cent of 85 per cent of 360 seats Commerce: 5 percent of 85 percent of 240 seats II. Special Category**(refer to 4.1.10): Arts and Science: 3 per cent of 85 per cent of 360 seats Commerce: 3 per cent of 85 per cent of 240 seats		Case B & C Case C Case B & C Case C
Key: Case A: Only for those the College is obliged to admit and without any quid pro quo. Case B: First preference to all In-house students. Case C: Vacant seats will be filled in by candidates applying from other Colleges Boards in order of merit.		

4.1.10 ****Special Category refers to:**

4.1.10.1 Wards of Transferred State/Central Government employees, employees of Defence Department/Ex-Servicemen,

4.1.10.2 Wards of Freedom Fighters,

4.1.10.3 Award Winners at the District/State/National Levels in Sports or Cultural Activities.

4.2 Admission Procedures

4.2.1 Applications for admissions to the following courses: B Com (AF), B A (MCJ), B Com (MS) and M A (Public Policy), M A (Psychology), and M A (Economics), M Sc (Big Data Analytics), and M Sc (Astrophysics), are to be submitted online. The admission process includes an **entrance test**. Please look up the details on the college website home page.

4.2.2 For: B A/B Sc /B Com (AC) /B A (MCJ)/B Com (MS), B Sc (IT); and, the Master's Courses in Botany, Biotechnology, Geology, Life Sciences and Microbiology and M A (AIHCA), the College has an Online Application System through



Table 4.2: Seat Reservation in UG Courses (Unaided)
120 seats of FY B A (MCJ), FY B Com (MS), FY B Com (AF) each and 60 seats of B A (Psy), B Sc (IT) each

Seat Reservation in UG Courses	
Category	Criteria
Total Seats 100% 120 seats of B A (MCJ), B Com (MS), B Com (AF) and 100% 60 seats of (B Sc (IT) FY B A (Psy)	
Management Quota FY B A (MCJ), FY B Com (MS) and FY B Com (AF) : 15% of 100 % of 120 seats B Sc (IT) and FY B A (Psy): 15% of 100 % of 60 seats	Case A Case A
Balance Seats 85% (120 seats of FY B A (MCJ), FY B Com (MS), B Com (AF) 120 seats each and 60 seats of FY B Sc (IT), FY B A (Psy), 60 seats each)	
Christian Minority FY B A (MCJ), FY B Com (MS): 50% of 85% of 120 seats FY B Sc (IT): 50% of 85% of 60 seats FY B Com (AF) 50% of 85% of 120 seats FY B A (Psy): 50% of 85% of 60 seats	Case D Case D Case E Case E
General Category FY B A (MCJ), FY B Com (MS): 42% of 85% of 120 seats FY B Sc (IT): 42% of 85% of 60 seats FY B Com (AF) 50% of 85% of 120 seats FY B A (Psy): 42% of 85% of 60 seats	Case D Case D Case E Case E
Others I. Persons with Disability Category: FY B A (MCJ), FY B Com (MS): 5% of 85% of 120 seats FY B Sc (IT) : 5% of 85% of 60 seats FY B Com (AF): 5 % of 85 % of 120 seats FY B A (Psy): 5 % of 85 % of 60 seats II Special Category**(refer to 4.1.10): FY B A (MCJ), FY B Com (MS): 3 % of 85% of 120 seats FY B Sc (IT): 5% of 85% of 60 seats FY B Com (AF): 3 % of 85 % of 120 seats FY B A (Psy): 5 % of 85 % of 60 seats	Case D Case D Case E Case E Case D Case D Case E Case E
Key Case A: Only for those the College is obliged to admit and without any <i>quid-pro-quo</i> Case D: Admitted based on their Merit Rank which is based on performance at the Entrance Test and XII marks, as described in 4.1.2 on page 21 and 4.1.3 on page 21 Case E: Admitted based on the XII marks.	

a facility on its website. This facility is made available from the second half of May. An incomplete application will not be considered for admission.

4.2.3 The University of Mumbai has made it mandatory for all candidates seeking admission to the First Year courses in the Degree Colleges to fill in the 'Pre-Admission Online Registration Form which is available on <http://mum.digitaluniversity.in>.

4.2.4 Actual admissions to all courses will be on the announced days, through a meeting with the candidate and a Parent/Guardian. The offer of admission will be made on the college website and the college notice board. On being admitted, the student will have to submit the following documents (Original plus attested photocopies):

4.2.4.1 Class XII Statement of Marks

4.2.4.2 Baptism Certificate (for Christian Minority Community only)

4.2.4.3 Caste Certificate (wherever applicable)

4.2.4.4 Documentary Evidence for Special Category Status (Refer to 4.1.10 on the preceding page)

4.2.4.5 Passing Certificate (required for getting the Eligibility Certificate)



4.2.4.6 Migration Certificate (required for getting the Eligibility Certificate)

4.3 Eligibility Certificate

4.3.1 Candidates passing Class XII Examinations from Foreign Boards and students passing from International Baccalaureate or 'A' levels examinations - General Certificate of Education / Cambridge International School Exam of Cambridge or University of London must first obtain a 'PRIMA FACIE' Eligibility Letter from the University of Mumbai for admissions to all the First Year Degree Courses, namely B A/B Sc /B Com /B A (MCJ)/B Com (MS)/B Sc (IT).

The Address of the Eligibility Department is:

The University of Mumbai,
Eligibility Section, Kalina Campus, Ground Floor, Ambedkar Bhavan
Santacruz (East), Mumbai – 400 098

4.3.1.1

4.3.1.2 For Foreign Boards, the Class XII Examination has to be cleared in one sitting only.

4.3.2 Students passing Class XII from Boards other than Maharashtra State Board and seeking admissions to First Year B A/B Sc /B Com /B A (MCJ)/B Com (MS)/B Sc (IT) are required to apply for a **Provisional Eligibility Certificate** through the College at the time of admission. The application form is available in the College Office. It should be duly filled, submitted with an attested copy of the Class XII mark sheet and a passport-size photograph along with the prescribed fees of ₹320 and verification of document fees of ₹500 (Total ₹820) to the College Office. Post admission, the College Office initiates confirmation of eligibility, with the documents listed in 4.2.4 on the preceding page.

4.4 Fees for Senior College

4.4.1 Table 4.3 on page 24 lists the total fees (including Library Deposit and Fees) to be paid for Aided and Self-Financed UG/PG courses respectively.

Table 4.3: Fee Structure

Programme	Undergraduate Courses			Programme	Post Graduate Courses	
	FY	SY	TY		Part I.	Part II
BA	13971	11951	7000	MA (AIC)	38500	34010
BA (Stats)	8250	5961	7159	M Sc (Biotech)*	120000	80000
BA (MCJ)*	75000	52000	52000	MPP*	95000	75000
B A (Psy)*	75000			M Sc (Aided)	22000	20000
B Sc	14771	12651	9000	M Sc (Phy)*	120000	95010
B Sc (IT)*	65000	52000	52000	MA (Psy)*	150000	131250
B Com (AC)	13971	11951	7000	MA (Eco)*	125000	115000
B Com (MS)*	75000	52000	52000	M Sc (BDA)*	150000	129000
B Com (AF)*	75000	49500	49500			

* self-financed courses

4.4.2 For PG Courses Fee refer to the following subsections

1. M Sc in Botany, Geology, Life Science, Microbiology refer to M Sc (Aided) in Table 4.3
2. Ph D refer to 13.1.5 on page 104

4.5 Fee Concession for BC Students

4.5.1 Under the Government of India Scholarship or Government of Maharashtra Freeship schemes for BC students (SC/ST/DT/NT/OBC/SBC), certain scholarships/Freeships are provided to the students who have the certificate issued by the Maharashtra Government.

4.5.2 Annual Family Income (AFI) Eligibility conditions for Scholarship/Freeship:

4.5.2.1 SC students: AFI < ₹2.5 Lakhs (for Scholarship)



4.5.2.2 SC students: AFI, No limit for Freeship

4.5.2.3 VJ/NT/SBC/OBC students refer to : G.R.Kr.EBC-2014/Pr.Kr.96/Shikshan – dt 20/08/2016

4.5.3 NT/VJ/SBC/ST and OBC categories students will have to submit the Non-Creamy-Layer Certificate for such fee concessions.

4.5.4 Candidates with necessary documents who qualify for the aforementioned Scholarship/Freeship are required to pay, along with the Exam Fees, a nominal fee of ₹445 (for FY and SY) and ₹795 (for TY) at the time of admission. They are exempted from all other fees.

4.6 Information on Scholarships, Freeships and Awards

4.6.1 Scholarships and Freeships: Deserving/Eligible students are encouraged to take advantage of the financial aid in terms of Scholarships/Freeships as shown below:

4.6.1.1 Government of India Scholarships/Freeships for SC students

4.6.1.2 Government of India Scholarships/Freeships for OBC students

4.6.1.3 Government of India Scholarships/Freeships for VJ/NT students

4.6.1.4 Government of India Scholarships/Freeships for SBC students

4.6.1.5 Government of India Scholarships/Freeships for ST students

4.6.1.6 Government of India Minority Scholarship

4.6.1.7 Open Merit scholarship for Junior and Senior College

4.6.1.8 PTC Freeship

4.6.1.9 STC Freeship

4.6.1.10 EBC Freeship

4.6.1.11 Ex-Servicemen Freeship

4.6.1.12 PG Merit Scholarship/Freeship

4.6.1.13 Rajashri Shahu Maharaj Scholarship

4.6.1.14 University Financial Assistance

4.6.1.15 Other State Scholarship/Freeship

4.6.1.16 College Graded Scholarship

4.6.1.17 Students' Beneficiary Fund (provided by the College)

4.6.1.18 Student of the Year Award (offered by the College)

4.6.2 Scholarships and Freeships for Special Class: Students are also advised to check <http://www.scholarships.gov.in> for the scholarships listed below:

4.6.2.1 Post-Matric Scholarship Schemes for Minorities

4.6.2.2 Post-Matric Scholarship Schemes for SC Students (U. T. only)

4.6.2.3 Maulana Azad National Fellowship for Minority Students

4.6.2.4 Post-Matric Scholarship for Persons with Disabilities

4.6.2.5 Scholarships for Top-Class Education for Students with Disabilities

4.6.2.6 Central Sector Scheme of Scholarships for College and University Students

4.6.2.7 PG Indira Gandhi Scholarship for Single Girl Child.

4.6.2.8 Students belonging to SC/SBC/OBC/VJ/NT are required to fill up the online form on <http://www.mahaeschol.maharashtra.gov.in>, to avail of the fee concession.

4.6.2.9 Students who apply through these portals do not get any fee concessions while taking admission. They have to directly apply for the benefit. The awardees get the financial benefits deposited directly into their personal bank accounts.

5. Academic Guidelines under Autonomy

5.1 Background of College Autonomy

5.1.1 Indian higher education has mainly been under the affiliating system, wherein all colleges are linked to a university that prescribes its syllabi, organises controls and oversees the evaluation system. However, to improve the quality of higher education, the Government of India, through the UGC, has recommended the delinking of academically well-established colleges from the affiliating system to promote academic excellence. Hence, the emergence of an autonomous college, which is mandated to:

5.1.1.1 Determine its course of study and syllabi.

5.1.1.2 Prescribe rules for admission in consonance with the Reservation Policy of the State Government.

5.1.1.3 Evolve methods of assessing students' performance, conducting examinations, and declaring the examination results along with the corresponding mark sheets.

5.1.1.4 Use modern educational technology tools to achieve higher standards, incentivise creativity and promote best practices for the benefit of the students and society at large.

5.1.2 Recognising the academic excellence of St Xavier's College, Mumbai, the UGC, State Government, and the University of Mumbai, have conferred it the status of an academically Autonomous College in June 2010. Later, in July 2023 the UGC extended the empowered autonomy to St. Xavier's College, Mumbai for 10 years till 2034 which allows SXCM to award joint degrees with the University of Mumbai.

5.2 Assessment

The College conducts continuous assessments for all theory and practical courses each semester.

5.2.1 Theory: Continuous Internal Assessment (CIA)

5.2.1.1 Two CIAs per course are held during each semester. One written test and other written test or Project/Assignment/presentation/ or any other mode deemed appropriate for that course.

5.2.1.1.1 A course (in consultation with the Principal) may club the two CIAs into one (40 marks). In this case, the lecturer concerned must give the Principal the breakup of the continuous marking scheme.

5.2.1.1.2 It is also possible that (in consultation with the Principal) the 20 marks of CIA II could be broken down into assignments running throughout the concerned Semester.

5.2.1.2 There will be no retests for CIAs

Any student who misses either CIA I or CIA II or both can acquire the 40 per cent marks required to pass the course through the 60-mark ESE.

5.2.1.3 Special CIA Clause: The Principal will request the concerned Department(s) to hold a Special CIA Test (of one or more courses) for a student, within the same semester, under the following circumstances:

5.2.1.3.1 If the Principal allows a student to represent the College at or to participate in some event (academic/cultural/sports) and this causes the student to miss a CIA Test (of one or more courses) (Note: The concerned event could be either a couple of weeks before or during the CIA period).

5.2.1.3.2 If just before or during the CIA a bereavement (of an immediate family member) occurs. (Note: In this case, the Death Certificate of the departed and the Parent's note will have to be given to the College within 2 days of returning to college, for this clause to hold).



5.2.1.3.3 For the same student, the Principal will exercise this discretionary power for only one of the two CIAs of a semester.

5.2.1.4 IF a student fails to score 40 per cent in the overall total of a course, such a student will have to appear for the Additional 100 marks Examination (in the subsequent semester) for that course and forego all the CIA marks earned in the ongoing semester in that course.

5.2.2 Theory (End Semester Examinations)

5.2.2.1 The ESE is for a maximum of 60 marks of a 2-hour duration.

5.2.2.2 There will be barcoding (for TYs) and masking (for FYs and SYs) of the answer sheets before the assessment.

5.2.2.3 For the FY/SY courses there will be a Single Evaluation with Moderation for all courses as shown below:

5.2.2.3.1 The assessed papers of the top 4 scores of the course per division.

5.2.2.3.2 20 per cent of the rest of the assessed papers (per division) on a random basis.

5.2.2.4 If a moderator finds issues (e.g., inconsistency, inflated/deflated marks) with the markings of the Internal Examiner, from the set given for moderation, the option to increase the number of answer booklets to be moderated in that Course could be exercised in consultation with the Principal.

5.2.2.5 If 30 per cent or more of the moderated papers assessed by a particular examiner of a Course have a change of more than 15 per cent of the total marks assigned to the course, a second moderator will be called for a blind moderation. If the change is upheld, all the answer booklets of that group will have to be re-evaluated blind by the second moderator. The re-evaluated marks will be the final score awarded.

5.2.2.6 In the Third Year, there will be a Double-Blind Evaluation by the teacher of the course and an external examiner. The average of the two scores will be the marks awarded. If in 30 per cent or more of the total answer booklets evaluated per course, there is a marking discrepancy between the two evaluations of more than 15 per cent of the total marks assigned to that course, a third blind evaluation will be required. The average of the 3rd Blind Evaluation and the marks of the evaluator closest to it will be the ultimate score awarded.

5.2.2.7 If a student misses the end semester examination/s while representing the college for HCAP, NCC, NSS or any sports or cultural activity with prior written permission from the Principal will be allowed to appear for supplementary examinations of 60 marks. This examination will be conducted immediately after the regular end-semester examinations.

Any student who has missed the regular end-semester examinations on grounds other than those mentioned above will have to appear for Additional examinations of 100 marks in the next semester.

5.2.3 Practicals

5.2.3.1 The practical component per course in TY B Sc is 50 marks.

5.2.3.2 Science subjects have a Practical component per course as:

5.2.3.2.1 TY B Sc 4 courses per semester

5.2.3.3 For Statistics under B A Programme:

5.2.3.3.1 TY B A (3 courses/semester)

5.2.3.4 For Psychology (Courses: APSY0505 and APSY0605) a 100-mark Practical Course per semester is held. The breakup of the 100 marks is Journal 20; viva-voice 20 and ESE 60.

5.2.3.5 All practical journals have to be signed by the Faculty-in-Charge (FIC) at each of these Practical. The HOD along with the FIC will certify these Journals. No marks are allocated for attendance at practical, but journals will be certified only against the completion of at least 75 per cent attendance at the Practical.

5.2.3.5.1 A student whose Journal is not certified in a Course will be given ZERO marks for the Journal in that Course.

5.2.3.5.2 The Journal Marks will be carried forward if a student fails or is absent for the corresponding practical of the Course.

5.2.3.6 The End Semester Practical Examination (45 marks) of any Course need not be held only at the end of that semester, it could be held (in consultation with the Principal) throughout the semester. In such a case, the Department is expected to submit to the Examination Department the Consolidated Marks (per Course).

5.2.3.7 No Additional ESE for Practical will be held within the ongoing semester unless permitted by the Principal.



5.2.3.8 If for the Practical, a student is absent or fails to get 40 per cent of the total practical marks (i.e., 40/100 or 60/150 or 80/200) then an Additional Practical ESE will be held when the concerned Practical Examination is held for the next batch of students in the subsequent academic year(s). However, for Mathematics and Statistics, the Additional Exams will be held in the subsequent semester.

5.2.3.9 A student will have to appear for the Practical of all the Courses of the subject that he/she has chosen.

5.2.3.10 If a TY B Sc/TY B A student fails in or is absent for one or more of the Practical in Semester V, he/she will be allowed to appear for the Additional Examination in Semester VI of the concerned academic year.

5.2.3.11 If a TY B Sc/TY B A student fails in or is absent for the Practical in Semester VI, he/she will have to appear for these practicals in the subsequent Semester V of the following academic year.

5.2.3.12 The Practical marks per Course in the subject (i.e., CIA marks from those Departments that hold CIA for Practical and ESE) would be recorded and maintained by the Department and submitted at the end of the semester to the Examination Department.

5.3 Passing Norms

5.3.1 To pass a theory/practical course a student must obtain minimum 40 % marks in the course i.e. in CIAs plus ESE.

5.3.2 If a student fails to make the required minimum of 40 % marks at the Regular Examination the marks secured (except Journal) will be annulled and the student will appear for an Additional Exam of 3 hours and 100 marks for 4 credits and 2 hours and 50 marks for 2 credits at the end of the subsequent semester.

5.4 Gracing Norms

5.4.1 Grace marks for passing: Up to a maximum of 1% of the Grand Total per semester can be added to any Course(s) to pass a given exam of a given semester. The benefit of gracing of marks under this Ordinance shall be applicable only if the candidate passes the entire examination of semester/year.

5.4.2 Grace marks for Award of Class: Upto 1 per cent of the overall marks of that class will be added to the Grand Total to obtain a 1st Class or 2nd Class provided that the student has not obtained Grace Marks for passing in any Course (Note: this applies only to the final Consolidated Mark sheet on completion of graduation).

5.4.3 A student will be entitled to 10 Grace Marks, which will be added to his/her Even Semester mark sheet in the academic year when he/she represented the College in sports, N.C.C, or cultural activities and was among the winners (1st, 2nd or Runners-up) or have reached the quarter-finals of any competition held by the University of Mumbai.

5.4.3.1 Only students who have passed all subjects will be eligible for the Grace Marks as indicated in 5.4.3. In this case, these Grace Marks will be distributed over 3 subjects so that the benefit is reflected in such a student's GPA.

5.4.4 Grace Marks as in 5.4.1 to 5.4.3.1 on the current page are not awarded for Additional Examination.

5.4.5 For Degree Class Improvement, the candidate must appear for the examinations of all 6 semesters for UG and all 4 semesters for PG.

5.4.6 There is no scheme for performance improvement of any semester individually.

5.4.7 Additionally, SWD (Students with disability) are eligible for grace marks up to a maximum of 3% of the Grand Total per semester. These marks are only given in the end semester examination and are not awarded for Additional Exams.

5.5 Results

5.5.1 A 10-Point Grade System for all courses has been adopted - it involves calculations for a Semester Grade Point Average (SGPA) and the final Cumulative Grade Point Average (CGPA).

5.5.2 Marksheets/Grade sheets are issued per Semester and for Additional Examination.

5.5.3 Those students who do not register for the Additional Examination within the stipulated period displayed on the college website will not be permitted to appear for the concerned examination(s).

5.5.4 A student who fails in Courses adding up to 12 credits or less, across both semesters in an academic year, will be 'Allowed to Keep Terms' (ATKT) and appear for the Additional Examination(s) in the subsequent Semester. They will not be promoted to the next academic year until the credit backlog is 12 or less.



5.5.5 Those students who fail in Courses adding up to more than 12 credits across both semesters in an academic year will be declared failed in that academic year.

5.5.6 To be admitted into the TY: A student will be allowed to seek admission in TY if one of the following conditions is fulfilled:

5.5.6.1 The student passes both the FY and SY classes.

5.5.6.2 The student passes both the FY Semesters but fails in courses adding up to 12 or fewer credits at the SY.

5.5.6.3 The student passes both the SY Semesters but fails in courses adding up to 12 or fewer credits at the FY.

5.5.7 Students who have not cleared any one of Semester I, II, III, or IV will not be allowed to appear for the Semester VI examination.

5.5.8 The Semester VI results of any student will not be declared until he has cleared all the Courses of Semester V.

5.5.9 A student who is not satisfied with the evaluation of his/her paper in any Course can apply (by the date notified on the college website, for a photocopy and/or a re-evaluation of the answer paper. If the re-evaluation reveals a ± 15 per cent or greater difference, an average of the first evaluation and the re-evaluation will be the final score awarded. If the re-evaluation reveals a less than ± 15 per cent then the original marks obtained will be retained.

5.5.10 Error(s) in the hard or soft copies of the marksheet (viz., name of the student, marks, SGPA, CGPA, grades, UID No., etc.) have to be brought to the notice of the General Office via the Principal/Vice-Principal within 20 days of the distribution/uploading of the marksheets in the Odd Semesters and 7 days in the Even Semesters. No changes will be entertained after the lapse of these 20 or 7 days.

5.6 Attendance

5.6.1 The College expects 100 per cent attendance at all lectures/practicals per chosen course. As there are legitimate reasons why 100 per cent attendance is not possible, a minimum of 75 per cent attendance per course is made mandatory.

5.6.2 A student with less than 75 per cent attendance in a course (including tutorials) will not be allowed to appear for the ESE in that course.

5.6.3 A condonation of up to 50 per cent of lectures/practicals per course could be made at the discretion of the Principal, in the following cases:

5.6.3.1 Serious illness authenticated by a Doctor's Certificate and Medical Records and submitted within 2 working days of resuming classes.

5.6.3.2 Other serious reasons, with validating documents (acceptable to the Principal) and submitted within 2 working days of resuming college. Such documents will not be accepted after these 2 working days.

5.6.3.3 No condoning is possible if a course's attendance, for whatever reason(s), is below 50 per cent of the said course's lectures/practical.

5.6.4 For students who are sent by the Principal to represent the College, the total attendance will be reduced by the number of days spent representing the College. However, such students will have to log in at least 75 per cent attendance of the lessened total.

5.6.5 Unless unavoidable, students are not allowed to miss lectures, practicals, CIAs, or ESE without the prior permission of the Principal. Absence without prior permission will make students liable for disciplinary action, including denial of Terms.

5.6.6 Absence from any Test / Exam must have documentary justification which must be presented to the concerned Vice-Principal within 2 working days of resuming classes, as per the procedure mentioned on the Class Notice Boards.

5.6.6.1 In case of illness, a Medical Certificate and Medical Records must be produced.

5.6.6.2 In case of bereavement, the Death Certificate will have to be submitted.

5.6.6.3 No documents will be accepted after the 2 working days.

5.6.7 The Leave Application / Medical Papers must be accompanied by:

5.6.7.1 The duly filled College Absence Record Form (which is available online on the college website).

5.6.7.2 A covering letter from the Parent or Guardian of the student.

5.6.8 Serious illness or other circumstances are valid reasons for absence from lectures, practicals, and exams. However, if the College is not provided with sufficient evidence of academic participation by the concerned student, the College



may not grant such student terms for the concerned Course(s) in that Semester. Such students would have to repeat the concerned Course in the next academic year. Note: 5.6.3.3 on the preceding page on the previous page is also applicable here.

5.6.9 Attendance Grades (AG) (as shown in Table 5.1 on the current page for each course will be displayed in the semester mark sheets.

Table 5.1: Attendance Grade

Attendance (%) →	100 – 95	< 95 – 90	< 90 – 85	< 85 – 80	< 80 – 75	< 75	Debarred
Grades	A+	A	B+	B	C	TNG	D [†]
TNG = Terms Not Granted (i.e, Debarred for ESE in the respective course(s), due to insufficient attendance. † Debarred students will appear in Additional Exams of 100/50 marks for 4/2 credits respectively, during the subsequent semester.							

5.6.10 The AG for those students appearing for the Additional 100 marks Examinations and were not debarred for the ESE of that Course, will be the same as that secured during the concerned semester.

5.6.11 The AG 'D' will be given to students who were debarred and have passed the Additional Examination of the concerned Course.

5.6.12 Students, who have been debarred twice within the 1st four semesters, will not be re-admitted in the subsequent academic year.

5.7 Rules for Extracurricular Credit Activities

5.7.1 Two mandatory (non-Academic) ECC credits will be required to be earned by a student to obtain a degree (non-NEP 2024-2025 – TY batch).

5.7.2 Each student must log in (over the 3 years of UG studies) with a minimum of EC activities hours as follows:

5.7.2.1 For Arts, Management, B Com (AF), and B A (MCJ) and B Sc (IT) students: 50 hours. These 50 hours will be accumulated as 20 hours in FY, 20 hours in SY, and 10 hours in Semester V.

5.7.2.2 For Science students: 40 hours. These 40 hours will be accumulated as 15 hours in FY, 15 hours in SY, and 10 hours in Semester V.

5.7.3 If by Semester VI, a student fails to earn these mandatory hours as stipulated in 5.7.2, he/she will have to do 10 additional monitored SIP hours after Semester VI. ECC Grade awarded will be either 'A+', 'A' and B.

5.7.4 Six (2+2+2) mandatory (Non-Academic) ECC credits will be required to be earned by a student in Sem II, Sem III and Sem IV to obtain a degree under NEP 2020)

5.7.5 A student has to put in minimum of 30 hours and maximum of 40 hours each semester to earn these credits. ECC grades given are FF, AB, AA and OS.

5.7.6 The students' EC progress, in terms of hours and quality of participation, is recorded by the EC Committee (ECC), under the supervision of the ECC Faculty-in-Charge.

5.7.7 Activities Eligible for EC Credits: The following activities are eligible for EC credits:

1. Representing College at ECC-approved competitions.
2. Engaging in extra-curricular activities organised by the College associations (eg MVM, ECC. IMG)/Departments. These activities must be certified by the Faculty-in-Charge or HOD.
3. Being a member of co-curricular (eg ecocircle) or extracurricular (eg AICUF, SSL etc) student bodies.
4. Being a member of organising committee of college festivals/fests like Malhar, Antas etc
5. Participating in Sports, certified by the College Sports Director, yoga , wellness activities.
6. Participating in Government approved activities with prior permission from college - eg- mountaineering course
7. Participating in social outreach activities and activities that make a make a positive impact on environment
8. Being an Editorial team member of college or department magazine /newsletter



5.8 Social Involvement Programme (SIP)

St. Xavier's College (Empowered Autonomous Institute), Mumbai, under the National Education Policy (NEP), has made participation in Community Engagement Programme (CEP) an integral component of its learning process. In St. Xavier's College (Empowered Autonomous Institute), Mumbai, the CEP operates under its traditional outreach nomenclature the Social Involvement Programme (SIP). The SIP aims at informing and empowering students by engaging them with socio-economic realities so that they raise critical questions and thereby make consequential interventions. To achieve this goal, the SIP Department networks with more than 250 NGOs covering an array of social endeavours across Mumbai and its satellite suburbs.

5.8.1 SIP Requirements (under the Non-NEP System)

5.8.1.1 Two mandatory (Non-Academic) SIP Credits will be required to be earned by each student to obtain a degree.

5.8.1.2 These credits must be completed over semesters I or II by working with an NGO assigned by the SIP Department as well as with a College Department.

5.8.1.3 The SIP Credits are based on 30 hours of logged-in activity as described below:

5.8.1.3.1 25 hours of actual social activity with the assigned NGO. The SIP Department of the College monitors the activity along with the assigned NGO.

5.8.1.3.2 5 hours of service through a Department of the College. This service must be discipline-centric and so monitored by the concerned Department.

5.8.2 SIP Requirements (under NEP System)

5.8.2.1 Four mandatory CEP Credits will be required to be earned by each student to obtain a degree.

5.8.2.2 These credits must be completed over semesters I or II by working with an NGO assigned by the SIP Department as well as with a College Department.

5.8.2.3 The SIP Credits are based on 45 hours of logged-in activity as described below:

5.8.2.3.1 40 hours of actual social activity with the assigned NGO. The SIP Department of the College monitors the activity along with the assigned NGO.

5.8.2.4 5 hours of service through a Department of the College. This service must be department-specific and so monitored by the concerned Department. The Departments are mandated to curate discipline-centric activities that have to be attuned to one or more of the UNO's Sustainable Development Goals.

5.9 Internship/Fieldwork Experience Credit (non-NEP)

5.9.1 The College encourages internships/Fieldwork experiences so that students gain practical experience in their sphere of study.

5.9.2 For this activity to be awarded one Non-Mandatory Credit on the Consolidated Marksheet, the following protocol should be followed:

5.9.2.1 The internship activity cannot be a part of either a CIA or of an ES Examination.

5.9.2.2 It must be undertaken only during the breaks between Semesters:

5.9.2.2.1 For UG Students: Any break between Semester I and Semester VI.

5.9.2.2.2 For PG Students: Any break between Semester I and Semester IV.

5.9.2.3 A minimum of 60 hours of experience, and only 6 hours per day.

5.9.2.4 It must be first approved by the Department's HOD(s) through which the student would graduate (Single Major for UG and PG / Double Majors for UG).

5.9.2.5 International Exchange students cannot avail of this Credit. Hence, College Departments should not entertain applications from such students.

5.9.3 The concerned Department would have to monitor this activity as under:

5.9.3.1 The HoD, on behalf of the student, would issue a request letter to the organisation in which this activity will be undertaken.



5.9.3.2 The Department would collect from the student the certification given to him/her by the concerned organisation, post the internship.

5.9.3.3 The Department would then conduct a viva voce to verify the quality of the tasks undertaken by the student in the concerned organisation.

5.9.3.4 On certifying that the activity is acceptable, the Department would then submit a report to the Examination Department, not later than the end of February of that student's Semester VI.

5.9.4 An add-on credit will be awarded to students completing Swayam/NPTEL Courses. Students must complete 6 credits (or equivalent) across 3 years (Semester I -VI) of their UG courses or 4 credits (or equivalent) across 2 years (Semester I -IV) of their PG course in Swayam/NPTEL courses (disciplinary/interdisciplinary) to be eligible for one add-on credit.

5.9.4.1 The Add-on credit will be considered for any of the courses offered by Swayam/NPTEL or equivalent Government-recognised institute and is not limited to the academic specialisation of the student. The college encourages interdisciplinary studies.

5.9.4.2 Students are eligible for 1 Add-on credit only after the submission of a course completed/assessment cleared, certificates from Swayam/NPTEL or equivalent, for 6 credits or equivalent.

5.9.5 All documents and proofs related to Add-on credit should reach the college office, latest by March to be considered in the consolidated mark sheet of the graduating student. The HOD of the departments from which the student is graduating needs to forward the documents to the college office.

5.10 Letters of Recommendation (LoR) by College

5.10.1 This set of instructions applies only to LoRs (hard or soft copies) that are being used for admission into universities for further studies.

5.10.2 Students who need such LoRs must fill in an Application Form which is available with the concerned Department from where the LoR is solicited.

5.10.3 A Processing Fee of ₹. 500 per Application/University/Recommending Teacher would have to be paid, before starting the LoR process. The fees thus collected will be directed towards that Department's Improvement Fund.

5.10.4 For more detailed instructions, please approach the concerned Teacher in the Department.

5.10.5 Economically disadvantaged students, who find it difficult to pay the LoR Fees, can approach the Principal for financial assistance through the SBF.

5.11 Parents' Collaboration

5.11.1 Parents are invited to make inquiries about their child's attendance and performance either:

5.11.1.1 At the General Office or the concerned Department(s) with prior permission.

5.11.2 If a student becomes ill suddenly during college hours, the College will administer first aid. However, the Parent/Guardian should come personally to the College to take their child/ward home or for further medical treatment/advice.

5.11.3 In case a student suffers from a chronic medical condition (physical/mental), self-disclosure (with supporting medical documents) by the parents would help the College in administering the appropriate medical assistance, in case of an emergency.

5.11.3.1 Parents are advised to promptly bring such medical details to the attention of the Teacher-Mentor/concerned Vice-Principal.

5.11.3.2 Confidentiality, of both the student as well as the nature of the illness, is assured by the College.

5.11.4 A student suffering from a contagious illness should not come to college (for lectures/tests/exams), as it puts other students at risk.

5.11.4.1 A medical letter will have to be submitted by the Parents/Guardian to the Principal reporting the illness so that the absence of the student is noted.

5.11.4.2 Such a student will be allowed to return to college if and only if a 'Fitness Certificate' issued by a Medical Practitioner is submitted to the Principal.

5.11.4.3 Serious action will be taken against any student who flouts Rules 5.11.4.1 and 5.11.4.2 on this page.



5.11.5 The College will attempt to notify parents of debarred students via email before the commencement of the examinations.

5.11.6 Parents, of debarred students, can discuss this matter with the concerned Vice-Principal or through a letter to the Principal.

5.12 Addendum

5.12.1 Wherever an issue has not been covered by these Autonomy Rules and Guidelines of the College, the Rules and Statutes of the University of Mumbai would apply if the latter does not go against the spirit of the College Autonomy arrangements.

6. New Education Policy 2020

6.1 New Education Policy 2020

St. Xavier's College, Mumbai, an Empowered Autonomous Institute, is now offering Undergraduate and Postgraduate Programs as per the National Education Policy 2020 implementation, effective from the academic year 2023-24.

6.1.1 Introduction

NEP 2020, or the National Education Policy 2020, is a comprehensive policy introduced by the Government of India to transform the education system in the country. It aims to bring about significant changes in various aspects of education, from school to higher education. If you are a prospective undergraduate student of St. Xavier's College, Mumbai, you are advised to go through the Government of Maharashtra - GRs dated 20th April 2023 (for UG) and 16th May 2023 (for PG) for clarity on the various rules and regulations as recommended by the state Department of Higher and Technical Education.

6.1.1.1 Salient Features of NEP 2020

The National Education Policy 2020 (NEP 2020) in India brings several significant changes compared to the prevalent education policy at its introduction. Here are some key differences between the prevalent education policy and NEP 2020:

- **Multidisciplinary Approach:** A multidisciplinary approach to education, encouraging students to choose subjects across different disciplines and bridging the gap between arts, humanities, science, and commerce.
- **Fostering Critical Thinking:** A Curriculum focused on core concepts and critical thinking rather than rote memorisation.
- **Skill Development and Vocational Education:** Skill development and vocational education, aim to provide students with practical skills and promote entrepreneurship. Assessment Reforms: A shift in assessment methods, aiming to move away from high-stakes examinations and focus on a more comprehensive and holistic assessment of student understanding and skills.
- **Inclusion and Equity:** Inclusion and equity in education, aim to address gender and social disparities, provide equal opportunities for marginalised communities, and promote inclusive education for students with disabilities.
- **Research and Innovation:** Research and innovation in education, encourages the establishment of research centres and promotes a research culture among students and teachers.
- **Internationalisation:** Internationalisation in education encourages collaborations and exchange programs between Indian and foreign institutions, promoting global exposure and cross-cultural learning.

Implementation: NEP 2020 is being gradually implemented across educational institutions in India, including Mumbai University. All the proposed changes may take time to integrate fully, but the policy aims to create a more inclusive, flexible, and relevant education system.

6.2 UG Education under the Aegis of NEP 2020

St. Xavier's College- Mumbai, is a Jesuit educational institution, established in 1869. Through its 154 years of existence, the college has been a major national contributor to capacity building. The list of illustrious alumni is long and the college takes pride in their achievements in the national as well as global social, cultural, industrial and science arenas.

Keeping the tenets and recommendations about the NEP 2020 from the UGC, along with adhering to the directives from the Maharashtra State - Department of Higher and Technical Education, the college, with its more than 150 years of experience in the domain of higher education has prepared a comprehensive undergraduate and postgraduate curricular structure. This new structure also adheres to the key values of Innovation, Integration, and Inclusion.



6.2.1 Framework of the Choice-based Credit System

6.2.1.1 MJ/CR: Major/Core Subject: A single subject course of study pursued by a student as a mandatory requirement of the programme of study.

6.2.1.2 EL: Elective Course: An elective course could be a project designed to acquire skills to supplement the major study.

6.2.1.3 MN: Minor Subject: A second subject of study pursued by a student as an additional requirement of the programme of study.

6.2.1.4 AEC: Ability Enhancement Courses: These are mandatory courses in languages and literature (i) Compulsory - English communication (ii) Elective - any Indian language other than English refer Table 6.2.

A two-credit course for AEC on Effective English Communication, *Hindi/ *Marathi Communication in the first two semesters. The third semester will have advanced communication courses in the chosen Indian language. The fourth semester will offer faculty or department-specific communication skills courses eg., Scientific, Business, Digital Communication etc.

*Students with learning disabilities will be offered a library science course in place of Hindi/ Marathi in case they requisition the same.

6.2.1.5 VSC: Vocational Skill Courses: These courses are aimed at imparting practical skills, hands-on training, and soft skills to increase the employability of students. Specific or supporting the major subject is to be chosen from a basket/pool the college offers.

6.2.1.6 SEC: Skill Enhancement Courses: These courses are aimed at imparting skills/hands-on training, and soft skills. These could be chosen from the basket/pool offered by the college or a MOOC on Swayam or NPTEL platforms. A VSC course could be offered as SEC to other students of the same stream.

6.2.1.7 On-Job Training(OJT)/Internship/Field Project (FP)/Community Engagement Programme (CEP) Research Project (RP): Application of knowledge/concepts in solving or analysing a real-life problem. All these are related to the major subject.

6.2.1.8 CC: Co-curricular Courses: For the holistic development of students through various activities such as performing art, visual art, NCC, NSS, Yoga, etc.

6.2.1.9 VEC: Value Education Courses: Two compulsory courses, one in each semester refer Table 6.4

1. The Constitution of India course is delivered in a hybrid mode of education comprising both in-person interactions, doubt-solving sessions and online lectures through pre-recorded videos.
2. Environmental Education course is offered in an offline course.

6.2.1.10 IKS: Indian Knowledge Systems: Indian Knowledge Systems, a two-credit generic course is offered in the first semester. This course will be delivered through a hybrid mode of education comprising both in-person interactions, doubt-solving sessions and online lectures through pre-recorded videos. Subject-specific integrated knowledge systems (IKS) will be introduced in the major courses starting from the third semester refer Table 6.5.

6.2.1.11 Open Electives: Elective courses are chosen generally from other disciplines to seek multidisciplinary exposure.

6.2.2 The UG Course Structure is as follows:

The following tables provide details of the Arts, Science, and Commerce (grants-in-aid) courses that will be available starting in June 2024. Each semester, students are expected to earn a total of 22 credits, as per the guidelines of the Maharashtra State. Students may choose to leave the program at the end of each academic year, as indicated in the table 6.1 on the next page.

Note. After completing three years of study and obtaining 132 credits, a student can choose to exit with a bachelor's degree in their chosen field, such as B Sc, B A, or B Com. However, the student must have a minimum CGPA of 7.5 to be eligible to apply for admission to the 'Honours' degree program. If satisfied, the student needs to acquire an additional 44 credits for a total of 176 credits to earn a bachelor's degree with Honours.

In case the student opts for an Honours degree by Research, the eligibility criteria will be at the College's discretion.



Table 6.1: Course and Credit Structure

Course and Credit Structure										
Level	Semester	Core (Credits)	Elective (Credits)	Minor (Credits)	OE (Credits)	VSC SEC (Credits)	IKS/AEC VEC (Credits)	CC,FP/RP CEP, OJT (Credits)	Courses /Sem (Credits)	Degree -cum- Credit
4.5 1 st Year	Sem I	1 (4)	0	1 (4)	2 (4)	2 (4)	3 (6)	0	9 (22)	44 UG
	Sem II	1 (4)	0	1 (4)	2(4)	2 (4)	2 (4)	CC1 (2)	9 (22)	
	Courses (Cr)	2 (8)	0	2 (8)	4 (8)	4 (8)	5(10)	1 (2)	18 (44)	
Exit option with a UG Certificate in Major and Minor with an additional 4 credits NSQF Course/internship OR continue with Major and Minor. A student will decide which of the two subjects (Sub-1 or Sub-2) will be major and minor at the end of the second semester.										
5.0 2 nd Year	Sem III	2(8)	0	1 (4)	1 (2)	1 (2)	1 (2)	FP1/CEP1, CC2 (4)	8(22)	88 UG
	Sem IV	2 (8)	0	1 (4)	1 (2)	1 (2)	1 (2)	FP2/CEP2, CC3 (4)	8 (22)	
	Course (Cr)	6 (24)	0	4 (16)	6 (12)	6 (12)	7 (14)	5 (10)	34 (88)	
Exit option with a UG Diploma in Major & Minor with an additional 4 credit core NSQF course/internship OR continue with Major & Minor.										
5.5 3 rd Year	Sem V	3 (12)	1 (4)	1(2)	0	0	0	OJT1 (4)	7 (22)	132 UG
	Sem VI	3 (12)	1 (4)	1 (2)	0	1 (2)	0	FP3 (2)	6 (22)	
	Courses (Cr)	12 (48)	2 (8)	6 (20)	6 (12)	7 (14)	7 (14)	7 (14)	47 (132)	
Exit option with Three Year Bachelor Degree with Major and Minor OR continue with Major & Minor Fourth Year by papers.										
6.0 4 th Year	Sem VII	3 (12)	1 (4)	RM (4)	0	0	0	FP4 (2)	6 (22)	176 UG
	Sem VIII	3 (12)	1 (4)	0	0	0	0	OJT2 (6)	5 (22)	
	Courses (Cr)	18 (72)	4 (16)	6 (24)	6 (12)	7 (14)	7 (14)	9 (24)	176	
Exit option with Three Year Bachelor Degree with Major and Minor OR continue with Major & Minor Fourth Year by research.										
6.0 4 th Year	Sem VII	3 (10)	1 (4)	RM (4)	0	0	0	FP4 (4)	6 (22)	176 UG
	Sem VIII	3 (10)	1 (4)	0	0	0	0	RO4 (8)	5(22)	
	Courses (Cr)	18 (68)	4 (16)	6 (20)	6 (12)	7 (14)	7 (14)	28	176	
Four Year UG Honours with Papers or Research Degree with Major and Minor.										

RM - Research Methodology



Table 6.2: Ability Enhancement Course: Semester I or II

Ability Enhancement Courses: Semester I or II			
Department	Course Codes	Course Title	Credits
Sanskrit	UXSAN4501AE1	Introduction to Sanskrit	2
Hindi	UAHIN4501AE1	Introduction to Hindi Stories	2
English	UAENG4501AE1	Critical Reading, Writing and Thinking	2
Marathi	UXMAR4501AE1	Vyvaharik aani Upayojit Marathi	2
Telugu	UXTLG4501AE	Introduction to Telugu Language	2
Commerce	UCCOM4501AE1	Communication Skills in English	2
MCJ*	UAMCJ4501AE1	Introduction to Visual Design and Computer Graphics	2
	UAMCJ4502AE1	Business Communication	2
Library Science	UALIB4501AE1	Introduction to Library Science	2
*Mass Communication and Journalism			

Table 6.3: Ability Enhancement Course: Semester III or IV

Ability Enhancement Courses: Semester III or IV			
Department	Course Codes	Course Title	Credits
Hindi	UAHIN5001AE1	Medieval Hindi Poetry	2
MAR	UAMAR5001AE1	Bhasha Kaushalya	2
ENG	UAENG5001AE1	Critical Reading, Writing and Thinking (Theory & Praxis)	2
	UCCOM4501AE1	Communication Skills in English	2
*Mass Communication and Journalism			

Table 6.4: Value Education Courses

Value Education Courses			
Department	Course Codes	Course Title	Credits
Political Science	UXCOI4501VE1	The Constitution of India	2
Chemistry	UXEVS4501VE1	Environmental Studies	2

Table 6.5: Indian Knowledge System

Indian Knowledge System			
Department	Course Codes	Course Title	Credits
AIHCA	UXIKS4501GN1	Introduction to Indian Knowledge Systems	2



Table 6.6: F. Y. Open Elective 1

Open Elective 1				
Group	Department	Course Codes	Course Title	Credits
Group A	Psychology	UAPSY45020E1	Personal Growth through Visual Arts	2
	Sociology	USSOC45020E1	Nature, Society and Conservation	2
	MCJ	UAMCJ45010E1	Communication & Society	2
	Economics	UAEC045010E1	Introduction to Indian Economy	2
Group S	Botany	USBOT45010E1	Gardening	2
	Chemistry	USCHE45010E1	Chemistry in Sports Physiology and Health	2
	Zoology	USZ0045010E1	Wonders of the Animal Kingdom	2
	IT	USITY45010E1	Web Designing	2
	Geology	USGEO45010E1	Gemmology - The Art & Science of Gem Identification	2
Group C	Commerce (AC)	UCCOM45020E1	Financial Literacy and Education	2
	Commerce (AF)	UCACF45010E1	Accounting for Everyone	2
	Commerce (MS)	UCMGS45010E1	Introduction to Mutual Funds	2

Table 6.7: F. Y. Open Elective 2

Open Elective 2				
Group	Department	Course Codes	Course Title	Credits
Group A	French	USFRE45010E1	French for Beginners A1 level	2
	Economics	UAEC045020E1	Challenges and Opportunities in Indian	2
	AIHCA	UAAIC45010E1	Introduction to Tourism Management in India	2
	MCJ	UAMCJ45020E1	Current Media Events- Reading and Analysis	2
	Psychology	UAPSY45010E1	Demystifying Mental Illness	2
Group S	Botany	USBOT45020E1	Plants in Human Nutrition	2
	Chemistry	USCHE45020E1	Science of Food and Cooking	2
	Zoology	USZ0045020E1	Social Life of Animals	2
	Statistics	USSTA45010E1	Descriptive Statistics	2
	Gemmology	USGEO45010E1	The Art and Science of Gem Identification	2
Group C	Commerce (AC)	UCCOM45010E1	Introduction to Intellectual Property Rights	2
	Commerce (AF)	UCACF45020E1	Taxation for Everyone	2
	Commerce (BA)	UACOM45020E1	Investment Analysis	2



Table 6.8: SY Open Elective

S. Y. Open Elective				
Group	Department	Course Code	Course Title	Credits
Group A	Commerce	UACOM50010E1	Business Environment	2
	English	UAENG50010E1	Nature in Literature	2
	MCJ	UAMCJ50010E1	Human Rights Law & International Humanitarian Law	2
Group S	Botany	USBOT50010E1	Landscaping the Urban Garden	2
	Chemistry	USCHE50010E1	Pharmaceutical & Cosmetic Chemistry	2
	Chemistry	USCHE50020E1	Introduction to Neuroscience	2
	Microbiology	USMIC50010E1	Microbiology in everyday life	2
	Physics	USPHY50010E1	History and Science of Astronomy	2
	Physics	USPHY50020E1	Advanced Science of Water Colour	2
	Statistics	USSTA50010E1	Descriptive Statistics	2
	Life Science	USLSC50010E1	Food and Nutrition	2
		USLSC50020E1	Reproductive Health	2
	Zoology	USZ0050010E1	Biology of Disease	2
Mathematics	USMAT50010E1	The Art of Mathematics	2	
Group C	Commerce (AC)	UCCOM50010E1	The Consumer's Toolkit: Protection and Redress	2
		UCCOM50020E1	Real Estate Laws & Regulations in India	2
	Commerce (MS)	UCMGS50010E1	Investment Analysis & Portfolio Management	2
	Commerce (AF)	UCACF50010E1	Introduction to Financial Markets	2
		UCACF50020E1	Personal Finance Management	2
		UCACF50030E1	Basics of Banking and Insurance Services	2
		UCACF50040E1	Fintech and Digital Money Management	2

7. Undergraduate (Aided) Courses

7.1 B A - Bachelor of Arts

There are a total of 40 combinations of subjects (Core and Minor) offered to FY B A. Students can choose any one of the combinations listed in Table 7.1. **Please, note that allocation of the Core and minor subject in the second year is strictly based on merit** (i.e performance in Semester I and Semester II) and **availability of seat**.

Table 7.1: Arts Subject Combinations

Arts Subject Combinations					
1.	AIHCA + English	2.	AIHCA + Hindi*	3.	AIHCA + French*
4.	AIHCA + Political Science	5.	AIHCA + Psychology	6.	AIHCA + Sociology
7.	Economics + Commerce*	8.	Economics + English	9.	Economics + Political Science
10.	Economics + Psychology	11.	Economics + Sociology	12.	Economics + AIHCA
13.	Economics + Statistics*	14.	English + Anthropology*	15.	English + French*
16.	English + Hindi*	17.	English + Political Science	18.	English + Psychology
19.	English + Sociology	20.	History + AIHCA	21.	History + Anthropology*
22.	History + French*	23.	History + Hindi*	24.	History + Economics
25.	History + English	26.	History + Political Science	27.	History + Psychology
28.	History + Sociology	29.	Pol Science + Anthropology*	30.	Political Science + French*
31.	Political Science + Hindi*	32.	Political Science + Statistics*	33.	Political Science + Sociology
34.	Psychology + Sociology	35.	Psychology + Anthropology*	36.	Sociology + Anthropology*
37.	Sociology + Commerce*	38.	Sociology + French*	39.	Sociology + Hindi*
40.	Sociology + Statistics*	* - Minor Subjects			

7.1.1 B A Semester I

Table 7.2: B A Semester I Programme Structure

Programme Structure: B A Semester I				
Course	P	Course Title	Particulars	Credits
CR	1	Core 1	2 Core Subjects from Table 7.3	4
CR	2	Core 2 or Minor	or a Core and a Minor Subject from Table 7.4	4
VSC	3	Vocational Skill Courses	1 from Table 7.5	4
SEC	4	Skill Enhancement Courses	1 from Table 7.6 on the next page	2
AEC	5	Ability Enhancement Courses	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
IKS	7	Indian Knowledge System	1 from Table 6.5 on page 37	2
OE-1	8	Open Elective - 1	1 from Group S or C in Table 6.6 on page 38	2
OE-2	9	Open Elective - 2	1 from Group S or C in Table 6.7 on page 38	2
Total Credits				22



Table 7.3: B A Semester I Core Courses

B A Semester I Core Courses				
Core Courses	Subject	Code	Course Title	Credits
	AICHA	UAAIC4501CR1	Cultural History and Archaeology of Ancient India	4
	Economics	UAECO4501CR1	Introductory Microeconomics: Demand & Production	4
	English	UAENG4501CR1	Elements of Fiction	4
	History	UAHIS4501CR1	World History from the Renaissance to c.1870	4
	Pol. Sci	UAPOL4501CR1	Introduction to Politics	4
	Psychology	UAPSY4501CR1	Foundations of Psychology	4
	Sociology	UASOC4501CR1	Introduction to Sociology: Theories and Themes	4

Table 7.4: B A Semester I Minor Courses

B A Semester I Minor Courses				
Minor Courses	Subject	Code	Course Title	Credits
	French*	UAFRE4501MN1	Introduction to French Short Stories	4
	Anthropology*	UAANT4501MN1	Anthropology: Concepts and Contemporary Issues	4
	Commerce*	UACOM4501MN1	Forms of Business Organisation	4
	Hindi*	UAHIN4501MN1	Hindi Fiction (Stories)	4
	Statistics*	UASTA4501MN1	Fundamentals of Statistics	4

* Minor Subjects

Table 7.5: B A Semester I Vocational Skill Courses

B A Semester I Vocational Skill Courses				
Vocational Skill	Subject	Code	Course Title	Credits
	AICHA	UAAIC4501VS1	Study of Numismatics In India	2
	Economics	UAECO4501VS1	Economic Data Analysis	2
	English	UAENG4501VS1	Soft Skills Through Literature: Public Speaking	2
	French	UAFRE4501VS1	French for Tourism and Hotel Industry	2
	History	UAHIS4501VS1	Documentary/Documentation of the History of Mumbai	2
	Hindi	UAHIN4501VS1	Hindi Translation	2
	Pol. Sci	UAPOL4501VS1	Know Your Rights	2
	Psychology	UAPSY4501VS1	Stress Management and Resilience	2
Sociology	UASOC4501VS1	Applying Sociology	2	

Table 7.6: B A Semester I Skill Enhancement Courses

B A Semester I Skill Enhancement Courses				
Skill Enhancement	Subject	Code	Course Title	Credits
	AICHA	UAAIC4501SE1	Study of Numismatics In India	2
	Economics	UAECO4501SE1	Financial Education and Planning	2
	Commerce (Arts)	UACOM4501SE1	Introduction to Advertising	2
	English	UAENG4501SE1	Soft Skills through Literature: Public Speaking	2
	Hindi	UAHIN4501SE1	Hindi Translation: Hindi to English & vice versa	2
	Psychology	UAPSY4501SE1	Stress Management	2
	Sociology	UASOC4501SE1	Introduction to Academic Writing	2



7.1.2 B A Semester II

Table 7.7: B A Semester II Programme Structure

Programme Structure: B A Semester II				
Course	P	Course Title	Particulars	Credits
CR	1	Core 1	2 Core Subjects from Table 7.8 on page 43 or Minor from Table 7.9	4
CR	2	Core 2 or Minor		4
VSC	3	Vocational Skill Courses	1 from Table 7.10 on page 41	4
SEC	4	Skill Enhancement Courses	1 from Table 7.11 on the following page	2
AEC	5	Ability Enhancement Courses	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Open Elective - 3	1 from Group S or C in Table 6.6 on page 38	2
OE-2	9	Open Elective - 4	1 from Group S or C in Table 6.7 on page 38	2
			Total Credits	22

Table 7.8: B A Semester II Core Courses

B A Semester II Core Courses				
	Subject	Code	Course Title	Credits
Core Courses	AICHA	UAAIC4502CR1	Introduction to Indian Archaeology	4
	Economics	UAECO4502CR1	Introductory Microeconomics: Pricing Theories	4
	English	UAENG4502CR1	The Elements of Drama	4
	History	UAHIS4502CR1	Landmarks of World History.	4
	Pol. Science	UAPOL4502CR1	Political Theory	4
	Psychology	UAPSY4502CR1	Fundamentals of Cognition	4
	Sociology	UASOC4502CR1	Sociology: Frameworks, Structures & Institutions	4

Table 7.9: B A Semester II Minor Courses

B A Semester II Minor Courses				
	Subject	Code	Course Title	Credits
Minor Courses	Commerce	UACOM4502MN1	Organisation of Commerce and Industry	4
	French	UAFRE4502MN1	Le corpus thématique	4
	Hindi	UAHIN4502MN1	Introduction to Hindi literature	4
	Statistics	UASTA4502MN1	Fundamentals of Statistics (B)	4
	Anthropology	UAANT4502MN1	Socio-Cultural Anthropology: Concepts & Applications	4



Table 7.10: B A Semester II Vocational Skill Courses

B A Semester II Vocational Skill Courses				
Vocational Skill	Subject	Code	Course Title	Credits
	Anthropology	UAANT4501VS1	Anthropology Today	2
	Commerce	UACOM4501VS1	Accountancy for Beginners	2
	Economics	UAECO4501VS1	Economic Data Management	2
	English	UAENG4501VS1	Soft Skills through Literature: Public Speaking	2
	Hindi	UAHIN4501VS1	Hindi Translation	2
	History	UAHIS4501VS1	Documentary/Documentation of the History of Mumbai	2
	Pol. Science	UAPOL4501VS1	Know Your Rights	2
	Psychology	UAPSY4501VS1	Stress Management and Resilience	2
	Sociology	UASOC4501VS1	Applying Sociology	2
	Statistics	UASTA4501VS1	Data Collection and Visualisation	2

Table 7.11: B A Semester II Skill Enhancement Courses

B A Semester II Skill Enhancement Courses				
Skill Enhancement	Subject	Code	Course Title	Credits
	Economics	UAECO4501SE1	Financial Education and Planning	2
	Commerce (Arts)	UACOM4501SE1	Introduction to Advertising	2
	English	UAENG4501SE1	Soft Skills through Literature: Public Speaking	2
	English	UAENG4502SE1	Building Writing Skills through Literature (English)	2
	French	UAFRE4501SE1	French for Tourism Industry	2
	Hindi	UAHIN4501SE1	Translation Course - Hindi to English & vice versa	2
	Psychology	UAPSY4501SE1	Stress Management	2
	Sociology	UASOC4501SE1	Introduction to Academic Writing	2
	Management	UCMGS4501SE1	Negotiation and Conflict Management	2

7.1.3 B A Semester III

Table 7.12: B A Semester III Programme Structure

Programme Structure: B A Semester III				
Course	P	Course Title	Particulars	Credits
CR	1	Core 3	2 Core Subject papers from Table 7.13 on the next page on page 45	4
CR	2	Core 4		4
MN	3	Minor 3	refer Table 7.14 on the facing page	4
VSC	4	Vocational Skill Course 3	1 from Table 7.15 on page 41	4
AEC	5	Ability Enhancement Course 3	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 5	1 from Group S or C in Table 6.8 on page 39	2
FP1/CEP2	7	Field Project or Community Engagement Programme		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
			Total Credits	22



Table 7.13: B A Semester III Core Courses

B A Semester III Core Courses					
Core Courses	Subject	Course Code	Course Title	Credits	
	AICHA	UAAIC5001CR1	Cultural History and Archaeology in Ancient Deccan and Early Medieval Period in India		4
		UAAIC5002CR1	Studies in Museology		4
	Economics	UAECO5001CR1	Introduction to Econometrics I		4
		UAECO5002CR1	Macroeconomics I		4
	English	UAENG5001CR1	The Elements of Poetry		4
		UAENG5002CR1	Pre and Post Independence Indian Writing in English		4
	History	UAHIS5001CR1	An Outline of Early Indian History - I (3500 BCE-400 CE)		4
		UAHIS5002CR1	History of China and Japan (1900 -2000)		4
	Pol Science	UAPOL5001CR1	The Working of the Indian Constitution		4
		UAPOL5002CR1	Introduction to Public Administration		4
	Psychology	UAPSY5001CR1	Developmental Physiology		4
		UAPSY5002CR1	Psychology of Gender		4
	Sociology	UASOC5001CR1	Classical Theories		4
UASOC5002CR1		Globalisation and Social Trends		4	

Table 7.14: B A Semester III Minor Courses

B A Semester III Minor Courses					
Minor Courses	Subject	Course Code	Course Title	Credits	
	AICHA	UAAIC5001MN1	Cultural History of South India		4
	Economics	UAECO5001MN1	Basic Macroeconomics		4
	Commerce	UACOM5001MN1	Principles of Management		4
	English	UAENG5001MN1	Introduction to Poetic Form		4
	French	UAFRE5001MN1	Aesthetics of French Poetry		4
	History	UAHIS5001MN1	World History (1945-2000)		4
	Hindi	UAHIN5001MN1	Hindi Vyangya Evam Rekhachitra		4
	Pol Science	UAPOL5001MN1	The Working of Indian Government		4
	Psychology	UAPSY5001MN1	Developmental Psychology: An Introduction		4
	Statistics	UASTA5001MN1	Statistical Techniques (A)		4
	Sociology	UASOC5001MN1	Stratified India		4
	Anthropology	UAANT5001MN1	Introduction to Ethnography: Concepts and Themes		4

Table 7.15: B A Semester III Vocational Skill Courses

B A Semester III Vocational Skill Courses					
Vocational Skills	Subject	Course Code	Course Title	Credits	
	AICHA	UAAIC5001VS1	Studies in Archival Science		2
	Economics	UAECO5001VS1	Elementary Statistical Techniques for Economic Analysis		2
	English	UAENG5001VS1	Introduction to Cinema		2
	History	UAHIS5001VS1	Crafting Historical Narratives: An Introduction to Educational Content Creation.		2
	Pol Science	UAPOL5001VS1	Introduction to Psephology		2
	Psychology	UAPSY5001VS1	Academic Writing using the APA Style		2
	Sociology	UASOC5001VS1	Sociology of the Body		2



7.1.4 B A Semester IV

Table 7.16: B A Semester IV Programme Structure

Programme Structure: B A Semester IV				
Course	P	Course Title	Particulars	Credits
CR	1	Core 5	2 papers in Core from Table 7.17 on page 46	4
CR	2	Core 6		4
MN	3	Minor 4	refer Table 7.18 on the next page	4
SEC	4	Vocational Skill Courses 3	1 from Table 7.19 on page 41	4
AEC	5	Ability Enhancement Courses 3	1 from Table 6.2 on page 37	2
OE-1	6	Open Elective - 5	1 from Group S or C in Table 6.8 on page 39	2
FP2/CEP3	7	Field Project or Community Engagement Programme		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22

Table 7.17: B A Semester IV Core Courses

B A Semester IV Core Courses				
Core Courses	Subject	Course Code	Course Title	Credits
	AICHA	UAAIC5003CR1	Social Organization in Ancient India	4
		UAAIC5004CR1	Development of Heritage Management and Tourism in India	4
	Economics	UAEC05003CR1	Introduction to Econometrics - II	4
		UAEC05004CR1	Macroeconomics II	4
	English	UAENG5003CR1	American Literature	4
		UAENG5004CR1	Contemporary Indian Writing in English	4
	History	UAHIS5003CR1	An outline history of Early India - II (100 BCE - 1200 CE)	4
		UAHIS5004CR1	Contemporary Issues in Indian Society and Politics.	4
	Pol Science	UAPOL5003CR1	Indian Government and Politics	4
		UAPOL5004CR1	Public Administration in India	4
	Psychology	UAPSY5003CR1	Social Psychology	4
		UAPSY5004CR1	Psychology of Adjustment	4
	Sociology	UASOC5003CR1	Sociology of Indian Society	4
UASOC5004CR1		Political Sociology	4	



Table 7.18: B A Semester IV Minor Courses

B A Semester IV Minor Courses			
Subject	Course Code	Course Title	Credits
AICHA	UAAIC5002MN1	History of Indian Forts and Fortification	4
Anthropology	UAANT5002MN1	Religion and Culture Studies	4
Commerce	UACOM5002MN1	Organisational Behaviour	4
Economics	UAECO5002MN1	Theories of Macroeconomics	4
English	UAENG5002MN1	Identities in Literature: Global Writing in English and English Translation	4
French	UAFRE5002MN1	French Painting of 19th century	4
Hindi	UAHIN5002MN1	Introduction to Hindi Poetry	4
History	UAHIS5002MN1	World History: 1945-2000	4
Pol Science	UAPOL5002MN1	Basics of Indian Laws	4
Psychology	UAPSY5002MN1	Social Psychology: An Introduction	4
Sociology	UASOC5002MN1	Political Economy of Culture and Society	4
Statistics	UASTA5002MN1	Statistical Techniques (B)	4

Table 7.19: B A Semester IV Skill Enhancement Courses

B A Semester IV Skill Enhancement Courses			
Subject	Course Code	Course Title	Credits
AICHA	UAAIC5002SE1	Studies in Archival Science	2
Commerce	UACOM5001SE1	Entrepreneurship Management	2
Economics	UAECO5001SE1	Financial Education and Planning	2
Hindi	UAHIN5001SE1	Creative Writing in Hindi	2
History	UAHIS5001SE1	Crafting Historical Narratives:	2
Psychology	UAPSY5001SE1	Enhancing Interpersonal Communication and Relationships	2
Sociology	UASOC5001SE1	Sociology on Stage	2

7.1.5 B A Semester V (Pre-NEP 2020)

Table 7.20: B A Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
AAIC0501	Political Institutions in Ancient India	4	5
AAIC0502	Evolution of Art & Architecture of Early India- I	4	5
AAIC0503	Study of Protection, Conservation & Preservation of Indian Monuments	3	4
AAIC0504 A	Study of Culture, History of World Civilization	4	5
AAIC0505	Brief Survey of Religion-Philosophical Traditions in India - I	4	5
AAIC0506	Brief Survey of Ancient Indian Literary Tradition	3	4
AANT0501	Anthropology: Perspectives, Theories & Frameworks I	4	5
AANT0502	Anthropology of Development - I Option with Socio 5.08	4	5
AANT0503	Applied Anthropology - I (Applied Component)	3	4
ACOM0501	Introduction to Marketing - I	4	5
ACOM0502	Organizational Behaviour	4	5
ACOM0503	Entrepreneurship & Management of Small and Medium Enterprises - I	3	4
AECO0501	Advanced Microeconomics - GameTheoretic Approach	4	5
AECO0502	Advanced Microeconomic Theory	4	5
AECO0503	Growth & Development: Theoretical Analysis	4	5

Continued on the next page



Table 7.20...continued from the previous page

Code	Course Title	L/W	Credit
AECO0504	Approaches to Growth & Development	4	5
AECO0505	Evolution of Economic Thought	3	4
AECO0506	International Economics: Theory & Policy Option with Eco 5.08	3	4
AECO0507	Statistical Techniques for Economics	4	5
AECO0508	Advanced Econometrics - I Option with Eco 5.06	4	5
AECO0509	Applied Components - Corporate Finance - I OR	3	4
AECO0510	Indian Financial Systems And Institutions	3	4
AENG0501	Fiction from Richardson to Hardy	4	5
AENG0502	Modernism and 20C English Poetry	4	5
AENG0503	Literature and the Self in Modernist European Writing	3	4
AENG0504	English Poetry (1550-1750)	4	5
AENG0505	Literary Theory & Criticism	4	5
AENG0506	Narratives of Conflict : Ideology & Resolution	3	4
AHIS0501	Hist. of India (c.1200 - 1707): Political, Administrative & Social aspects	4	5
AHIS0502	Hist. of Modern India (1750-1950)	4	5
AHIS0503	Introduction to Museum Studies and Institutional Archives	3	4
AHIS0504	Hist. of the Marathas (Part 1 1600-1707)	4	5
AHIS0505	World History (1945-2000) - I	4	5
AHIS0506	Introduction to Cinema in 20th Century Mumbai	3	4
APOL0501	Political Process in Maharashtra - Historical Background	4	5
APOL0502	Western Political Thinkers	4	5
APOL0503	Issues in Indian Polity	3	4
APOL0504	American Political System- Constitutional Framework	4	5
APOL0505	International Politics Major Developments	4	5
APOL0506	Major Issues in Contemporary Politics - International Economic Issues	3	4
APSY0501	Psychometrics and Statistics - I	4	5
APSY0502	Abnormal Psychology - An Introduction	4	5
APSY0503	Industrial Organisational Psychology - I	3	4
APSY0504	Cognitive Psychology - I	4	5
APSY0505	Psychology Practicals - I	6	5
APSY0506	Insight Oriented Counselling	3	4
ASOC0501	Modern Sociological Theories - I OR	4	5
ASOC0502	Urban Sociology	4	5
ASOC0503	Popular Culture OR	4	5
ASOC0504	Sociology of Work and Management - I	4	5
ASOC0505	Media, Culture & Society - I (Applied Component) OR	3	4
ASOC0506	Gender Studies - I (Applied Component)	3	4
ASOC0507	Research Methods in Sociology - I	4	5
ASOC0508	Popular and Subaltern Movements - I Option with Anthro 5.02	4	5
ASOC0509	Introduction to Human Resource Dev (Applied Component)	3	4
ASTA0501	Probability & Sampling Distribution (A)	3	3
ASTA0502	Sampling Techniques	3	3
ASTA0503	Applied Statistics (A)	3	3
ASTA05PR	Statistics Practicals	9	5

7.1.6 B A Semester VI (Pre-NEP 2020)



Table 7.21: B A Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
AAIC0601	Economic Institutions in Ancient India	4	5
AAIC0602	Evolution of Art & Architecture of India – II	4	5
AAIC0603	Intro of Ethno-Archaeology & Ethno Zoo-Archaeology in India	3	4
AAIC0604	Study of Protection, Conservation & Preservation of Antiquities	4	5
AAIC0605	Brief Survey of Religio-Philosophical Thoughts in India - II	4	5
AAIC0606	Brief Survey of Science & Technology in Ancient India	3	4
AANT0601	Anthropology: Perspectives, Theories & Frameworks – II	4	5
AANT0602	Anthropology of Development - II Option with Socio 6.08	4	5
AANT0603	Applied Anthropology - II (Applied Component)	3	4
ACOM0601	Introduction to Marketing – II	4	5
ACOM0602	Human Resource Management	4	5
ACOM0603	Cost Accumulation Accounting	3	4
AECO0601	Advanced Macroeconomics	4	5
AECO0602	Macroeconomics: Theory And Practice	4	5
AECO0603	Economic Development: Policy & Applications (1)	4	5
AECO0604	Economic Development: Policy & Applications (2)	4	5
AECO0605	An Introduction to Political Economy	3	4
AECO0606	International Finance: Theory & Policy Option with Eco 6.08	3	4
AECO0607	Mathematical Techniques for Economics	4	5
AECO0608	Advanced Econometrics – II Option with Eco 6.06	4	5
AECO0609	Applied Component - Corporate Finance OR	3	4
AECO0610	Indian Financial Markets	3	4
AENG0601	English Poetry (1750 - 1900)	4	5
AENG0602	Twentieth Century Fiction and Drama	4	5
AENG0603	Satire	3	4
AENG0604	English Drama from Marlowe to Sheridan	4	5
AENG0605	Approaches to Popular Culture	4	5
AENG0606	Tales of the City	3	4
AHIS0601	History of India (c.1200-1707): Political, Administrative, Economic & Cultural Aspects	4	5
AHIS0602	A History of India after Independence (1947-1984)	4	5
AHIS0603	Urban Heritage of Mumbai.	3	4
AHIS0604	History of the Marathas - II (1708-1818)	4	5
AHIS0605	World History: 1945 – 2000 - II	4	5
AHIS0606	Introduction to Travel and Tourism in India.	3	4
APOL0601	Political Process in Maharashtra- Contemporary Issues	4	5
APOL0602	Political Thinkers – Indian	4	5
APOL0603	Issues in Indian Polity-Rights of Citizens of India	3	4
APOL0604	American Government and Politics	4	5
APOL0605	International Politics Major Issues	4	5
APOL0606	Major Issues in Contemporary Politics - International Social Issues	3	4
APSY0601	Psychometrics and Statistics – II	4	5
APSY0602	Psychopathology: Disorders and Challenges	4	5
APSY0603	Industrial Organizational Psychology – II	3	4
APSY0604	Cognitive Psychology – II	4	5
APSY0605	Psychology Practicals – II	6	5

Continued on the next page



Table 7.21...continued from the previous page

Code	Course Title	L/W	Credit
APSY0606	Action Oriented Counseling	3	4
ASOC0601	Modern Sociological Theories - II OR	4	5
ASOC0602	Sociology of the Life Course	4	5
ASOC0603	Sociology of Food OR	4	5
ASOC0604	Sociology of Work & Management - II	4	5
ASOC0605	Applied Component - Media, Culture & Society -II OR	3	4
ASOC0606	Gender Studies - II	3	4
ASOC0607	Research Methods in Sociology - II	4	5
ASOC0608	Popular and Subaltern Movements - II Option with Anthropology 6.02	4	5
ASOC0609	Organisational Development & Change (Applied Component)	3	4
ASTA0601	Probability & Sampling Distributions (B)	3	3
ASTA0602	Analysis of Variance & Design of Experiments	3	3
ASTA0603	Applied Statistics (B)	3	3
ASTA06PR	Statistics Practicals	9	5

7.2 B Sc - Bachelor of Science

There are a total of 21 combinations of subjects (Core and Minor) offered to FY B Sc Students can choose any one of the combinations listed in Table 7.22. The core subjects offered are Botany, Chemistry, Geology, Life Science, Mathematics, Microbiology, Physics, Statistics and Zoology. However, Economics is as a minor subject.

Please, note that allocation of the Core and minor subject in the second year is strictly based on merit (i.e performance in Semester I and Semester II) and availability of seat.

Table 7.22: Science Subject Combinations

Science Subject Combinations			
1.	Botany + Chemistry	2.	Botany + Life Science
3.	Botany + Zoology	4.	Chemistry + Geology
5.	Chemistry + Physics	6.	Chemistry + Mathematics
7.	Chemistry + Zoology	8.	Geology + Life Science
9.	Physics + Geology	10.	Geology + Mathematics
11.	Geology + Zoology	12.	Life Science + Chemistry
13.	Physics + Life Science	14.	Mathematics + Physics
15.	Mathematics + Statistics	16.	Mathematics + Economics*
17.	Microbiology + Chemistry	18.	Microbiology + Zoology
19.	Microbiology + Physics	20.	Statistics + Physics
21.	Statistics + Economics*		

* Fixed Minor Subject



7.2.1 B Sc Semester I

Table 7.23: B Sc Semester I Programme Structure

Programme Structure: B Sc Semester I				
Course	P	Course Title	Particulars	Credits
Core 1	1	Core 1	2 Core Subjects from Table 7.24	4
Core 2	2	Core 2		4
VSC	3	Vocational Skill Courses	1 from Table 7.25 on page 51	4
SEC	4	Skill Enhancement Courses	refer to Table 7.26 on page 52	2
AEC	5	Ability Enhancement Courses	refer to Table 6.2 on page 37	2
VEC	6	Value Education Course	refer to Table 6.4 on page 37	2
IKS	7	Indian Knowledge System	refer to Table 6.5 on page 37	2
OE-1	8	Open Elective - 1	1 from Group A or C in Table 6.6 on page 38	2
OE-2	9	Open Elective - 2	1 from Group A or C in Table 6.7 on page 38	2
			Total Credits	22

Table 7.24: B Sc Semester I Core Courses

B Sc Semester I Core Courses				
Core Courses	Subject	Course Code	Course Title	Credits
	Botany	USBOT4501CR1	Plant Morphology and Anatomy	4
	Chemistry	USCHE4501CR1	Fund. of Organic Chemistry & Periodicity of Elements	4
	Geology	USGE04501CR1	Introduction to Earth System Sciences	4
	Life Science	USLSC4501CR1	Evolution: Biomolecules to Multicellularity	4
	Mathematics	USMAT4501CR2	Calculus and Discrete Mathematics	4
	Microbiology	USMIC4501CR1	Introduction to the World of Microbiology	4
	Physics	USPHY4501CR1	Mechanics	4
	Statistics	USSTA4501CR1	Fundamentals of Statistics (A)	4
	Zoology	USZ004501CR1	Genetics	4
Economics	USECO4501MN1	Microeconomics - I	4	

Table 7.25: B Sc Semester I Vocational Skill Courses

B Sc Semester I Vocational Skill Courses				
Vocational Skill Courses	Subject	Course Code	Course Title	Credits
	Botany	USBOT4501VS1	Botanic Gardens	2
	Chemistry	USCHE4501VS1	ICT Tools in Chemistry	2
	Geology	USGE04501VS1	Cartography -The science of maps creation & interpretation.	2
	Life Science	USLSC4501VS1	Fundamentals of Microscopy and Spectrophotometry	2
	Mathematics	USMAT4501VS1	Combinatorics	2
	Microbiology	USMIC4501VS2	Staining Techniques for Bacteria	2
	Physics	USPHY4501VS1	Mechanical Measurement Techniques	2
	Statistics	USSTA4501VS1	Data Collection and Visualisation	2
	Zoology	USZ004501VS1	Biotechniques	2



Table 7.26: B Sc Semester I Skill Enhancement Courses

B Sc Semester I Skill Enhancement Courses				
Skill Enhancement	Subject	Course Code	Course Title	Credits
	Botany	USBOT4501SE1	Biofertilisers	2
	Chemistry	USCHE4501SE1	ICT Tools in Science	2
	Geology	USGE04501SE1	Cartography Unveiled: Maps, Their Creation & Interpretation	2
	Life Science	USLSC4501SE1	Introduction to Microscopy and Spectrophotometry	2
	Math	USMAT4501SE1	Mathematical Computations using Sagemath	2
	Physics	USPHY4501SE1	Mechanical Measurement Techniques	2

7.2.2 B Sc Semester II

Table 7.27: B Sc Semester II Programme Structure

Programme Structure: B Sc Semester II				
Course	P	Course Title	Particulars	Credits
CR	1	Core 1	2 Core Subjects from Table 7.28 same as Semester I	4
CR	2	Core 2		4
VSC	3	Vocational Skill Courses	refer to Table 7.29 on page 53	4
SEC	4	Skill Enhancement Courses	refer to Table 7.30 on the next page	2
AEC	5	Ability Enhancement Courses	refer to Table 6.2 on page 37	2
VEC	6	Value Education Course	refer to Table 6.4 on page 37	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Open Elective - 1	1 from Group A or C in Table 6.6 on page 38	2
OE-2	9	Open Elective - 2	1 from Group A or C in Table 6.7 on page 38	2
Total Credits				22

Table 7.28: B Sc Semester II Core Courses

B Sc Semester II Core Courses				
Core Courses	Subject	Course Code	Course Title	Credits
	Botany	USBOT4502CR1	Cryptogams	4
	Chemistry	USCHE4502CR1	Essentials of Physical and Analytical Chemistry	4
	Geology	USGE04502CR1	Basics of Mineralogy and Petrology	4
	Life Science	USLSC4502CR1	Molecular Cell Biology	4
	Mathematics	USMAT4502CR1	Calculus and Linear Algebra	4
	Microbiology	USMIC4502CR1	Elements of Microbial Nutrition, Growth and Control	4
	Physics	USPHY4502CR1	Waves and Thermodynamics	4
	Statistics	USSTA4502CR1	Fundamentals of Statistics (B)	4
	Zoology	USZ004502CR1	Animal Diversity	4
	Economics	USEC04502MN1	MicroEconomics II	4



Table 7.29: B Sc Semester II Vocational Skill Courses

B Sc Semester II Vocational Skill Courses				
Vocational Skills	Subject	Course Code	Course Title	Credits
	Economics	UAEC04501VS1	Economic Data Management	2
	Botany	USB0T4501VS1	Botanic Gardens	2
	Chemistry	USCHE4501VS1	ICT Tools in Chemistry	2
	Geology	USGEO4501VS1	Cartography: the Science of Maps, Creation & Interpretation	2
	Life Science	USLSC4501VS1	Microscopy and Colorimetry	2
	Mathematics	USMAT4501VS1	Combinatorics	2
	Microbiology	USMIC4501VS2	Staining Techniques for Bacteria	2
	Physics	USPHY4501VS1	Mechanical Measurement Techniques	2
	Statistics	USSTA4501VS1	Data Collection and Visualisation	2
	Zoology	USZ004501VS1	Biotechniques	2

Table 7.30: B Sc Semester II Skill Enhancement Courses

B Sc Semester II Skill Enhancement Courses				
Skill Enhancement	Subject	Course Code	Course Title	Credits
	Botany	USB0T4502SE1	Indian Forests and its Conservation	2
	Chemistry	USCHE4501SE1	ICT Tools in Science	2
	Geology	USGEO4502SE1	Climatology: Ocean-Atmosphere Linkage	2
	Life Science	USLSC4501SE1	Microscopy and Colorimetry	2
	Mathematics	USMAT4502SE1	Quantitative Mathematical Techniques I	2
	BMS	UCMGS4501SE1	Essentials of Intellectual Property Rights	2

7.2.3 B Sc Semester III

Table 7.31: B Sc Semester III Programme Structure

Programme Structure: B Sc Semester III				
Course	P	Course Title	Particulars	Credits
CR	1	Core 3	2 Core Subject papers from Table 7.32 on page 45	4
CR	2	Core 4		4
MN	3	Minor 3	refer Table 7.33 on the following page	4
VSC	4	Vocational Skill Course 3	1 from Table 7.34 on page 41	4
AEC	5	Ability Enhancement Courses 3	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 5	1 from Group A or C in Table 6.8 on page 39	2
FP1/CEP2	7	Field Project or Community Engagement Programme		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
			Total Credits	22



Table 7.32: B Sc Semester III Core Courses

B Sc Semester III Core Courses			
Subject	Course Code	Course Title	Credits
Botany	USBOT5001CR1	Plant Metabolism	4
	USBOT5002CR1	Plant Life and Utilisation	4
Chemistry	USCHE5001CR1	Essential of Physical Chemistry	4
	USCHE5002CR1	Chemical bonding and Metallurgy	4
Geology	USGE05001CR1	Introduction to Stratigraphy and Palaeontology.	4
	USGE05002CR1	Geomorphology – Landforms and Processes.	4
Life Science	USLSC5001CR1	Systemic Physiology	4
	USLSC5002CR1	Enzymes and Metabolic pathways	4
Mathematics	USMAT5001CR1	Calculus and Analysis	4
	USMAT5002CR1	Linear Algebra I	4
Microbiology	USMIC5001CR1	Microbial diversity and Eukaryotic Structure	4
	USMIC5002CR1	Chemistry of Cellular Components - Biomolecules	4
Physics	USPHY5001CR1	Mathematical Physics	4
	USPHY5002CR1	Electric Fields of Static and Moving Charges	4
Statistics	USSTA5001CR1	Statistical Methods (A)	4
	USSTA5002CR1	Sampling Techniques	4
Zoology	USZ005001CR1	Comparative Anatomy	4
	USZ005002CR1	Comparative Psychology	4

Table 7.33: B Sc Semester III Minor Courses

B Sc Semester III Minor Courses			
Subject	Course Code	Course Title	Credits
Botany	USBOT5001MN1	Anatomy and Embryology	4
Chemistry	USCHE5001MN1	Basic Synthetic Chemistry and Green Chemistry	4
Economics	USECO5001MN1	Principle of Macroeconomics	4
Geology	USGE05001MN1	Rock-forming and Ore Minerals	4
Life Science	USLSC5001MN1	Fundamentals of Physiology	4
Mathematics	USMAT5001MN1	Analysis and Linear Transformations	4
Microbiology	USMIC5001MN1	Diversity of microscopic life	4
Physics	USPHY5001MN1	Mathematical tools for sciences	4
Statistics	USSTA5001MN1	Statistical Techniques (A)	4
Zoology	USZ005001MN1	Economic Zoology	4

Table 7.34: B Sc Semester III Vocational Skill Courses

B Sc Semester III Vocational Skill Courses			
Subject	Course Code	Course Title	Credits
Botany	USBOT5001VS1	Basics of Spices and Condiments	2
Chemistry	USCHE5001VS1	Fundamentals of Chromatographic Technologies	2
Geology	USGE05001VS1	Geological Sample Collection and Processing Techniques.	2
Life Science	USLSC5001VS1	Basic Microbiology and Techniques in Microbiology	2
Mathematics	USMAT5001VS1	Ordinary Differential Equations	2
Microbiology	USMIC5001VS1	Quantitative analysis of biomolecules	2
Physics	USPHY5001VS1	Electrical measurement techniques	2
Statistics	USSTA5001VS1	Operations Research	2
Zoology	USZ005001VS1	Biostatistics	2



7.2.4 B Sc Semester IV

Table 7.35: B Sc Semester IV Programme Structure

B Sc Semester IV Programme Structure				
Course	P	Course Title	Particulars	Credits
CR	1	Core 3	2 Core Subject papers from Table 7.36 on page 45	4
CR	2	Core 4		4
MN	3	Minor 3	refer Table 7.37 on the next page	4
SEC	4	Vocational Skill Courses 3	1 from Table 7.38 on page 41	4
AEC	5	Ability Enhancement Courses 3	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 6	1 from Group A or C in Table 6.8 on page 39	2
FPI/CEP2	7	Field Project or Community Engagement Programme		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22

Table 7.36: B Sc Semester IV Core Courses

B Sc Semester IV Core Courses				
Core Courses	Subject	Course Code	Course Title	Credits
	Botany	USBOT5003CR1	Angiosperm Families	4
		USBOT5004CR1	Pharmacognosy	4
	Chemistry	USCHE5003CR1	Chemistry of Aromatic Compounds and Stereochemistry	4
		USCHE5004CR1	Classical and Instrumental Methods in Analytical Chemistry	4
	Geology	USGE05003CR1	Essentials of Mineralogy, Crystallography and Mineral Optics.	4
		USGE05004CR1	Hydrogeology and Water Management Systems in India.	4
	Life Science	USLSC5003CR1	Applied Physiology	4
		USLSC5004CR1	Molecular Biology	4
	Mathematics	USMAT5003CR1	Multivariable Differential Calculus	4
		USMAT5004CR1	Linear Algebra II	4
	Microbiology	USMIC5003CR1	DNA structure and replication	4
		USMIC5004CR1	Medical Microbiology and Epidemiology	4
	Physics	USPHY5003CR1	Basic Optics	4
		USPHY5004CR1	Electrodynamics and its applications	4
Statistics	USSTA5003CR1	Statistical Methods (B)	4	
	USSTA5004CR1	Analysis of Variance & Design of Experiments	4	
Zoology	USZ005003CR1	Evolution	4	
	USZ005004CR1	Animal Behaviour	4	



Table 7.37: B Sc Semester IV Minor Courses

B Sc Semester IV Minor Courses				
Minor Courses	Subject	Course Code	Course Title	Credits
	Botany	USBOT5002MN1	Analytical Tools	4
	Chemistry	USCHE5002MN1	Chemical Bonding & Co-ordination Chemistry	4
	Geology	USGEO5002MN1	Petrology.	4
	Life Science	USLSC5002MN1	Fundamentals Molecular Biology	4
	Mathematics	USMAT5002MN1	Multivariable Differential Calculus and Eigen Vectors	4
	Microbiology	USMIC5002MN1	Introduction to infectious diseases and chemotherapy	4
	Zoology	USZOO5002MN1	Parasitology	4
	Physics	USPHY5002MN1	Introduction to light and its properties	4
	Statistics	USSTA5002MN1	Statistical Techniques (B)	4
	Economics	USECO5002MN1	Macroeconomics: Policy and Applications	4

Table 7.38: B Sc Semester IV Skill Enhancement Courses

B Sc Semester IV Skill Enhancement Courses				
Skill Enhancement	Subject	Course Code	Course Title	Credits
	Botany	USBOT5001SE1	Floriculture	2
	Chemistry	USCHE5001SE1	Essentials of Instrumentation Chemistry	2
	Geology	USGEO5001SE1	Surveying and Geological Mapping Techniques.	2
	Life Science	USLSC5001SE1	Centrifugation and Chromatography	2
	Mathematics	USMAT5001SE1	Quantitative Mathematical Techniques II	2
	Zoology	USZOO5001SE1	Philosophy of Science	2

7.2.5 B Sc Semester V (Pre-NEP 2020)

7.2.5.1 Single Majors: Physics, Chemistry, Mathematics, Statistics, Life Sciences and Geology.

7.2.5.2 Double Majors: Botany, Biochemistry, Life Science, Microbiology & Zoology, provided that the subject has been offered at the SYB Sc level.

7.2.5.3 The choice of major/s will be decided only at the end of Semester IV, by the college in consultation with the Heads of Department/s of the concerned subject/s, based entirely on merit (total of concerned subjects' marks across the preceding 4 semesters) and the availability of seats.

Table 7.39: B Sc Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
SBOT0501	Cytogenetics & Biotechnology	4	4
SBOT0502	Plant Systematics	4	4
SBOT05PR	Botany Practicals – V	8	4
SCHE0501	Spectroscopy, Molecular & Nuclear Dynamics	4	4
SCHE0502	Chemical Bonding & Co-Ordination Chemistry	4	4
SCHE0503	Stereochemistry & Natural Products	4	4
SCHE0504	General Analytical Chemistry	4	4
SCHE05PR	Chemistry Practicals - V	16	8
SCHE05AC	Neuroscience	4	4
SCHE05ACPR	Applied Component Practicals	4	2
SGEO0501	Precambrian Geology of India	4	4
SGEO0502	Igneous Petrology	4	4
SGEO0503	Structural Geology	4	4

Continued on the next page



Table7.39...continued from the previous page

Code	Course Title	L/W	Credit
SGEO0504	Metamorphic Petrology	4	4
SGEO05PR	Geology Practicals - V	16	8
SGEO05AC	Remote Sensing and Image Interpretation	2	4
SGEO05ACPR	Applied Component Practicals	4	2
SLSC0501	Genetics	4	4
SLSC0502	Developmental Biology	4	4
SLSC0503	Industrial Biotechnology & Nanotechnology	4	4
SLSC0504	Ecology & Biodiversity	4	4
SLSC05PR	Life Science Practicals - V	16	8
SBCH0501	molecules of biological significance	4	4
SBCH0502	Nutrition & Metabolic Pathways	4	4
SBCH05PR	Biochemistry Practicals	8	4
SLSC05AC	Environment & Environmental Pollution	4	4
SLSC05ACPR	Applied Component Practicals	4	2
SMAT0501	Calculus – V	3	4
SMAT0502	Algebra – V	3	4
SMAT0503	Topology of Metric Spaces – I	3	4
SMAT0504	Numerical Methods – I	3	4
SMAT05PR	Mathematics Practicals – V	12	8
SMAT05AC	Computer Programming	4	4
SMAT05ACPR	Computer Programming Practicals	4	2
SMIC0501	Industrial Biotechnology & Genetics	4	4
SMIC0502	Medical Microbiology & Immunology I	4	4
SMIC05PR	Microbiology Practicals – V	8	4
SPHY0501	Classical Mechanics	4	4
SPHY0502	Statistical Mechanics	4	4
SPHY0503	Electronics - II	4	4
SPHY0504	Atomic and Molecular Physics	4	4
SPHY05PR	Physics Practicals - V	16	8
SPHY05AC	Digital Image Processing	4	4
SPHY05ACPR	Digital Image Processing Practicals	4	2
SSTA0501	Probability Theory	4	4
SSTA0502	Statistical Estimation	4	4
SSTA0503	Applied Statistics (IA)	4	4
SSTA0504	Applied Statistics (IIA)	4	4
SSTA05PR	Statistics Practicals	6	8
SSTA05AC	Statistical Computing using R	4	4
SSTA05ACPR	Applied Component Practicals	4	2
SZOO0501	Ontogeny of Vertebrates, Behavioural Ecology & Conservation Biology	4	4
SZOO0502	Physiological Adaptations	4	4
SZOO05PR	Zoology Practicals - V	8	4
SZOO05AC	Insect Taxonomy and Applied Entomology	4	4
SZOO05ACPR	Economic Entomology Practicals	4	2



7.2.6 B Sc Semester VI (Pre-NEP 2020)

Table 7.40: B Sc Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
SBOT0601	Plant Growth Physiology	4	4
SBOT0602	Environmental Botany	4	4
SBOT06PR	Botany Practicals – VI	8	4
SCHE0601	General Physical Chemistry	4	4
SCHE0602	Solid State, Solution & Medicinal Chemistry	4	4
SCHE0603	Spectrometric Identification & Synthetic Chemistry	4	4
SCHE0604	Instrumental Methods of Analysis	4	4
SCHE06PR	Chemistry Practicals - VI	16	8
SCHE06AC	Drugs & Color Chemistry	4	4
SCHE06ACPR	Applied Component Practicals	4	2
SGEO0601	Phanerozoic Geology of India	4	4
SGEO0602	Sedimentary Petrology	4	4
SGEO0603	Engineering Geology	4	4
SGEO0604	Photogrammetry, Aerial Photo Interpretation & GIS	4	4
SGEO06PR	Geology Practicals - VI	16	8
SGEO06AC	Gemmology	4	4
SGEO06ACPR	Applied Component Practicals	4	2
SLSC0601	Immunology	4	4
SLSC0602	Neurobiology	4	4
SLSC0603	Recombinant DNA Technology & Bioinformatics	4	4
SLSC0604	Sustainable Development & Carbon Management	4	4
SLSC06PR	Life Science Practicals - VI	16	8
SBCH0601	Biophysical and Bioanalytical Chemistry	4	4
SBCH0602	Metabolism, Clinical Biochemistry & Pharmacology	4	4
SBCH06PR	Biochemistry Practicals	8	4
SLSC06AC	Environment Sustainability & Legislation	4	4
SLSC06ACPR	Applied Component Practicals	4	2
SMAT0601	Calculus - VI	3	4
SMAT0602	Algebra – VI	3	4
SMAT0603	Topology of Metric Spaces – II	3	4
SMAT0604	Numerical Methods - II	3	4
SMAT06PR	Mathematics Practicals – VI	12	8
SMAT06AC	Number Theory and Projects	4	4
SMAT06ACPR	Number Theory and Projects Practicals	4	2
SMIC0601	Genetics, Molecular Biology & Bioinformatics	4	4
SMIC0602	Medical Microbiology & Immunology-II	4	4
SMIC06PR	Microbiology Practicals – VI	8	4
SPHY0601	Modern Astrophysics	4	4
SPHY0602	Electrodynamics	4	4
SPHY0603	Nuclear Physics	4	4
SPHY0604	Solid State Physics	4	4
SPHY06PR	Physics Practicals - VI	16	8
SPHY06AC	Applied Physics	4	4
SPHY06ACPR	Applied Physics Practicals	4	2

Continued on the next page



Table 7.40...continued from the previous page

Code	Course Title	L/W	Credit
SSTA0601	Probability Distributions & Stochastic Processes	4	4
SSTA0602	Statistical Inference	4	4
SSTA0603	Applied Statistics (I B)	4	4
SSTA0604	Applied Statistics (II B)	4	4
SSTA06PR	Statistics Practicals	16	8
SSTA06AC	Optimization Methods In Operations Research	4	4
SSTA06ACPR	Applied Component Practicals	4	2
SZOO0601	Basics of Enzymes, Toxicology, Histology and Nanoscience	4	4
SZOO0602	Immunology & Recombinant DNA Technology	4	4
SZOO06PR	Zoology Practicals - VI	8	4
SZOO06AC	Pest Management and Forensic Science	4	4
SZOO06ACPR	Economic Entomology Practicals	4	2

7.3 B. Com - (Accounting and Commerce)

7.3.1 Introduction

Decree 4 of the 32nd General Congregation (1975) of the Society of Jesus has led the foundation for establishing the Commerce Section specifically catering to the needs of poor and needy working students. As a result, the Bombay Province of the Society of Jesus began the Commerce Section in St. Xavier's College in 1988.

The lectures at the Commerce Section are in the afternoon, facilitating an opportunity for students who opt for employment during the daytime to continue learning. As an autonomous college since 2010, the Bachelor of Commerce (B Com) program syllabus has been continuously upgraded to the needs of the changing socio-economic educational environment in business and commerce, under the able guidance of a highly professional board of studies members.

During this journey of imparting value-based quality education, illustrious alumni have been placed in top-notch offices in the corporate world as well many of them have started their enterprises. Few of the alumni of the commerce section have also got entry into premier IIMs of India and few have completed their higher studies from top-notch global universities.

7.3.2 Number of Seats: 240 students.

7.3.2.1 Eligibility: A candidate to be eligible for admission to the B.Com degree programme shall have passed the 12th Standard examination in Commerce conducted by the Maharashtra State Board of Higher Education or its equivalent exam conducted by any authored Board or competent authority.



7.3.3 B Com (AC) Semester I

Table 7.41: B Com (AC) Semester I Programme Structure

Programme Structure: B Com (AC) Semester I				
Course	P	Course Code	Course Title	Credits
Core	1	UCCOM4501CR1	Financial Accounting-I	4
Minor	2	UCCOM4501MN1	Business Environment & Management	4
		UCCOM4502MN1	Business Economics - I	
VSC	3	UCCOM4501VS1	Spreadsheet & Database Management	2
		UCCOM4502VS1	Business Communication	
		UCCOM4503VS1	Elementary Statistical Techniques	
SEC	4	UCCOM4501SE2	Elementary Business Mathematics	2
		UCCOM4502SE1	Introduction to Advertising	
		UCCOM4503SE1	Intellectual Property Rights for Beginners	
AEC	5	UCCOM4501AE1	Communication Skills in English	2
		UAHIN4501AE1	Introduction to Hindi Stories	
VEC	6	UXCOI4501VE1	The Constitution of India	2
IKS	7	UXIKS4501GN1	Introduction to Indian Knowledge System	2
OE-1	8	Other Elective - 1	1 from Group A or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group A or S in Table 6.7 on page 38	2
Total Credits				22

7.3.4 B Com (AC) Semester II

Table 7.42: B Com (AC) Semester II Programme Structure

Programme Structure: B Com (AC) Semester II Courses				
Course	P	Course Code	Course Title	Credits
Core	1	UCCOM4501CR1	Financial Accounting-II	4
Minor	2	UCCOM4503MN1	Services Sector	4
		UCCOM4504MN1	Business Economics - II	
VSC	3	UCCOM4501VS1	Spreadsheet & Database Management	2
		UCCOM4502VS1	Business Communication	
		UCCOM4503VS2	Statistical Techniques	
		UCCOM4504VS1	Introduction to Mass Communication	
SEC	4	UCCOM4504SE2	Business Mathematics	2
		UCCOM4505SE1	Financial Planning and Budgeting	
		UCCOM4506SE1	Branding - Personal and Corporate	
AEC	5	UCCOM4501AE1	Communication Skills in English	2
		UAHIN4501AE1	Introduction to Hindi Stores	
VEC	6	UXEVS4501VE1	Environmental Studies	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Other Elective - 1	1 from Group A or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group A or S in Table 6.7 on page 38	2
Total Credits				22



7.3.5 B Com (AC) Semester III

Table 7.43: B Com (AC) Semester III Programme Structure

Programme Structure: B Com (AC) Semester III				
Course	P	Course Code	Course Title	Credits
Core	1	UCCOM5001CR1	Advanced Partnership Accounting	4
	2	UCCOM5002CR1	Accounting for Managerial Decisions	
Minor	3	UCCOM5001MN1	Human Resource Management	4
		UCCOM5002MN1	Macroeconomics - I	
VSC	4	UCCOM5001VS1	Financial Technology and Analytics	2
		UCCOM5002VS1	Interpersonal and Presentation Skills	
		UCCOM5003VS1	Introduction to Operation Research	
		UCCOM5004VS1	L ^A T _E X for Social Sciences	
AEC	5	UCCOM5001AE1	Effective Communication in English	2
		UAHIN5001AE1	Medieval Hindi Poetry	
OE-1	6	Open Elective - 5	1 from Group A or S in Table 6.8 on page 39	2
FP1/CEP2	7	Field Project or Community Engagement Programme		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
			Total Credits	22

7.3.6 B Com (AC) Semester IV

Table 7.44: B Com (AC) Semester IV Programme Structure

Programme Structure: B Com (AC) Semester IV				
Course	P	Course Code	Course Title	Credits
Core	1	UCCOM5003CR1	Corporate Finance Fundamentals	4
	2	UCCOM5004CR1	Financial Management	
Minor	3	UCCOM5003MN1	Business Finance and Capital Market	4
		UCCOM5004MN1	Macroeconomics- II	
SEC	4	UCCOM5001SE1	Elementary Business Law	2
		UCCOM5002SE1	Public Relations	
		UCCOM5003SE1	Advanced Operation Research	
		UCCOM5004SE1	Basic R Programming for Social Sciences	
AEC	5	UCCOM5001AE1	Effective Communication in English	2
		UAHIN5001AE1	Medieval Hindi Poetry	
OE	6	Open Elective - 6	1 from Group A or S in Table 6.8 on page 39	2
FP2/CEP3	7	Field Project or Community Engagement Programme		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22



7.3.7 B Com (AC) Semester V (Pre-NEP 2020)

Table 7.45: B Com (AC) Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
CCOM0501	Basic Corporate Accounts	5	6
CCOM0502	Basics & Fundamentals of Costing & Auditing	4	5
CCOM0503	Management Accounting - I	3	5
CCOM0504	Business Economics – V	3	4
CCOM0505	Commerce - VII: Production & Material Management	3	3
	Applied Component:		
CCOM0506	Export Marketing	3	3
CCOM0507	Direct Tax – Income Tax	3	4

7.3.8 B Com (AC) Semester VI (Pre-NEP 2020)

Table 7.46: B Com (AC) Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
CCOM0601	Advanced Corporate Accounts	5	6
CCOM0602	Advanced Auditing & Cost Accounting	4	5
CCOM0603	Management Accounting - II	3	5
CCOM0604	Business Economics – VI	3	4
CCOM0605	Commerce - VIII: Entrepreneurship	3	3
	Applied Components:		
CCOM0606	Corporate Laws	3	3
CCOM0607	Indirect Tax - GST	3	4

8. Undergraduate (Self-Financed) Courses

Table 8.1: Self Finance Subject Combinations

Self Finance Subject Combinations		
Sr. No	Core	Minor
01 - 03	Accounting and Finance +	Information Technology, Management Studies, Mass Media and Journalism
04 - 06	Information Technology +	Management Studies, Accounting and Finance, Mass Media and Journalism
07 - 09	Mass Media and Journalism +	Management Studies, Accounting and Finance, Information Technology Mass Media and Journalism
10 - 12	Management Studies +	Mass Media and Journalism, Accounting and Finance, Information Technology

8.1 Minors for Self-financed Courses

Table 8.2: Semester I Minors for Self-financed Courses

Semester I Minors for Self-financed Courses			
Department	Course Code	Course Title	Credits
MCJ	UAMCJ4501MN1	Introduction to Advertising	4
	UAMCJ4504MN1	Peace and Conflict Management	4
IT	USITY4501MN1	Basics of Python Programming	4
Commerce (MS)	UCMGS4501MN1	Fundamentals of Management	4
Commerce (AF)	UCACF4501MN1	Introduction to Accounting	4
	UCACF4503MN1	Introduction to Financial Markerts	4



Table 8.3: Semester II Minors for Self-financed Courses

Semester II Minors for Self-financed Courses			
Department	Course Code	Course Title	Credits
MCJ	UAMCJ4502MN1	Digital Content and Marketing	4
	UAMCJ4503MN1	Sociology Change and Management	4
IT	USITY4502MN1	Database Management System	4
Commerce (MS)	UCMGS4502MN1	Economics for Managers	4
Commerce (AF)	UCACF4502MN1	Elements of Tax	4
	UCACF4504MN1	Insurance and Capital Market	4

Table 8.4: Semester III Minors for Self-financed Courses

Semester III Minors for Self-financed Courses			
Department	Course Code	Course Title	Credits
MCJ	UAMCJ5001MN1	Introduction to Strategic Communication	4
	UAMCJ5002MN1	Introduction to Political Science and Public Administration	4
IT	USITY5001MN1	Data Analytics and Artificial Intelligence	4
Commerce (MS)	UCMGS5001MN1	Fundamentals of Organisational Behaviour	4
Commerce (AF)	UCACF5001MN1	Auditing and Accounting Tools	4
	UCACF5002MN1	Equity and Debt Markets	4

Table 8.5: Semester IV Minors for Self-financed Courses

Semester IV Minors for Self-financed Courses			
Department	Course Code	Course Title	Credits
MCJ	UAMCJ5003MN1	News Reporting and Feature Writing	4
	UAMCJ5004MN1	Introduction to Media Psychology	4
IT	USITY5002MN1	Unsupervised learning in Data Science	4
Commerce (MS)	UCMGS5002MN1	Elements of Service Sector Management	4
Commerce (AF)	UCACF5003MN1	Corporate Accounting and Financial Analysis	4
	UCACF5004MN1	Mutual Fund Management	4

8.2 B A (MCJ) - Mass Communication and Journalism

8.2.1 Introduction:

This Programme introduced in 2002 is designed to build a strong foundation in fundamental art subjects. The Course curriculum helps students develop a critical and inquiry-based understanding of social evolution, political thought, economics, communication theory and ethics. In the final year of study, advertising communication and journalism course specialisations with emphasis on digital cultures are offered to groom students to meet the industry trends. Our alumni are employed in a range of media organisations from Creative, Digital, PR, Production, Broadcast and News media. A few pursue post-graduation degrees in Brand Management, Digital marketing, Journalism, Visual Arts & Design, Film making and Policy. Some also have become Entrepreneurs in media-related businesses.

8.2.2 Number of Students: 120 students (w.e.f. August 2021).

8.2.3 Eligibility: A candidate to be eligible for admission to the B A (MCJ) degree programme shall have passed the 12th Std. Examination conducted by the Maharashtra State Board of Higher Secondary Education or its equivalent examination or Diploma in any Engineering branch with two or three or four years duration after passing the Secondary School Certificate (SSC) examination conducted by the Board of Technical Education, Maharashtra State or equivalent examination.

8.2.4 Eligibility Certificate: refer to Section 4.3 on page 24.



8.2.5 Admission Criteria: For the B A (MCJ) Programme, the students come from all 3 faculties (Arts, Science, and Commerce) where the marking systems are very different. Hence an entrance test for this programme is conducted for admission purposes. Admissions are based on the Entrance Test 4.1.2 on page 21 and 4.1.6 on page 21. Also, refer to 4.1.10 on page 22 and Table 4.2 on page 23.

8.2.6 Minimum Requirement of Marks in Qualifying Exams Candidates applying in any of the categories, viz, General, Christian Minority Community, and Special Category should have passed the Qualifying Std. XII Examination (or any other equivalent Exams)

8.2.7 Fees: refer to Table 4.3 on page 24, 4.4 on page 24 and 4.5 on page 24.

8.2.8 B A (MCJ) Semester I

Table 8.6: B A (MCJ) Semester I Programme Structure

Programme Structure: B A (MCJ) Semester I				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UAMCJ4501CR1	Mass Communication, Society & Change	4
MN	2	Minor	refer to Table 8.2 on page 63	4
VSC	3	UAMCJ4501VS1	Visual Design & Communication	2
		UAMCJ4502VS1	Computer Graphics & Web design	
SEC	4	UAMCJ4501SE1	Storytelling in the Digital Age	2
		UAMCJ4502SE1	Podcast and Community Radio	
AEC	5	Ability Enhancement Course	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
IKS	7	Indian Knowledge System	1 from Table 6.5 on page 37	2
OE-1	8	Other Elective - 1	1 from Group C or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group C or S in Table 6.7 on page 38	2
			Total Credits	22

8.2.9 B A (MCJ) Semester II

Table 8.7: B A (MCJ) Semester II Programme Structure

Programme Structure: B A (MCJ) Semester II				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UAMCJ4502CR1	History of Ideas	4
MN	2	Minor	refer to Table 8.3 on the facing page	4
VSC	3	UAMCJ4502VS1	Computer Graphics & Web design	2
SEC	4	UCMGS4501SE1	Essentials of Intellectual Property Rights	2
		UAMCJ4502SE1	Podcast and Community Radio	2
AEC	5	Ability Enhancement Course	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Other Elective - 1	1 from Group C or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group C or S in Table 6.7 on page 38	2
			Total Credits	22



8.2.10 B A (MCJ) Semester III

Table 8.8: B. A (MCJ) Semester III Programme Structure

Programme Structure: B A (MCJ) Semester III Courses				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UAMCJ5001CR1	Media Laws and Internet Governance	4
	2	UAMCJ5002CR1	Cultural Studies	4
MN	3	Minor	refer to Table 8.4 on page 64	4
VSC	4	UAMCJ5001VS1	Business of Culture	2
AEC	5	Ability Enhancement Course	refer Table 6.3 on page 37	
OE-1	6	Open Elective - 5	1 from Group C or S in Table 6.8 on page 39	2
FP1/CEP2	7	Field Project 1 or Community Engagement Programme 2		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
			Total Credits	22

8.2.11 B A (MCJ) Semester IV

Table 8.9: B. A (MCJ) Semester IV Programme Structure

Programme Structure: B A (MCJ) Semester IV Courses				
Course	P	Course Code/Title	Particulars	Credit
CR	1	USITY5003CR1	Digital Marketing	4
	2	UAMCJ5004CR1	Introduction to Creative Advertising	4
MN	3	Minor	refer to Table 8.5 on page 64	4
SEC	4	UAMCJ5001SE1	Photography	2
AEC	5	Ability Enhancement Course	refer Table 6.3 on page 37	
OE-1	6	Open Elective - 6	1 from Group C or S in Table 6.8 on page 39	2
FP2/CEP3	7	Field Project 2 or Community Engagement Programme 3		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22

8.2.12 B A (MCJ) Semester V (Pre-NEP 2020)

Table 8.10: B A (MCJ) Advertising - Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
AMM0501	Advertising for International Markets	4	5
AMM0502	Media Law and Advertising Ethics	4	4
AMM0503	Consumer Behaviour	4	5
AMM0504	Introduction to Financial Markets	4	4
AMM0505	Contemporary Issues	4	5
AMM0506	Copywriting	4	5
	TOTAL	24	28



Table 8.11: B A (MCJ) Journalism - Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
AMM0504	Introduction to Financial Markets	4	4
AMM0505	Contemporary Issues	4	5
AMM0507	Reporting	4	5
AMM0508	Editing	4	5
AMM0509	Feature and Opinion	4	5
AMM05010	Journalism and Public Opinion	4	4
	TOTAL	24	28

8.2.13 B A (MCJ) Advertising - Semester VI (Pre-NEP 2020)

Table 8.12: B A (MCJ) Advertising - Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
AMM0601	Introduction to Entrepreneurship	4	5
AMM0602	Brand Building	4	5
AMM0603	Financial Management	4	5
AMM0604	Public Relations	4	5
AMM0605	Advertising Design	4	4
AMM0606	Digital Marketing	4	4
	TOTAL	24	28

Table 8.13: B A (MCJ) Journalism - Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
AMM0601	Introduction to Entrepreneurship	4	5
AMM0604	Public Relations	4	5
AMM0607	Press Laws and Ethics	4	4
AMM0608	Indian Regional Journalism	4	4
AMM0609	Newspaper and Magazine Making	4	5
AMM0610	Digital Media	4	5
	TOTAL	24	28

8.3 B Sc - (Information Technology)

8.3.1 Introduction:

The B.Sc. (IT) program was initiated in 2007-2008 as one of the self-financed courses at St. Xavier's College. It aims to provide a broad understanding of IT and its applications, covering topics such as Applied Mathematics, Descriptive Statistics, Database Management Systems, Artificial Intelligence, and more. The curriculum is regularly updated to align with industry needs and student interests, with recent additions like Image Processing, Deep Learning, and IoT.

The program spans six semesters and also offers an option for a four-year Honours Degree in Bachelor of Information Technology. It includes a combination of theory, practicals, assignments, and projects, focusing on Programming, Data Analytics, and AI, ensuring graduates are industry-ready.

With the implementation of the National Education Policy (NEP), B.Sc. (IT) students can choose a minor subject from departments like B.Com (Management Studies), B.A (Mass Communication & Journalism), or BAF (Bachelor of Accounting & Finance). Students are required to continue the minor until Semester VI. This core and minor structure is expected to enhance job prospects for B.Sc. (IT) students.



8.3.2 Number of Students: 60 Students

8.3.3 Eligibility: The eligibility criteria for admission to a B Sc (IT) course requires at least 45 per cent aggregate at the XII Std Examination of the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent with Mathematics as one of the subjects. The admission will be based on 60 per cent weightage to the score obtained in the entrance test and 40 per cent weightage to the marks obtained in the qualifying Class XII Examinations.

8.3.4 Admission Criteria: Refer 4.1.10 on page 22 and Table 4.2 on page 23.

8.3.5 Eligibility Certificate: refer to Section 4.3 on page 24.

8.3.6 Fees: refer to Table 4.3 on page 24, Section 4.5 on page 24 and Section 4.6 on page 25

8.3.7 B Sc (IT) Semester I

Table 8.14: B Sc (IT) Semester I Programme Structure

Programme Structure: B Sc (IT) Semester I				
Course	P	Course Code	Particulars	Credits
CR	1	USITY4501CR1	Applied Mathematics	4
MN	2	Minor	refer to Table 8.2 on page 63	4
VSC	3	USITY4501VS1	The Art of Programming	2
AEC	4	USITY4501SE1	Introduction to Python Programming	2
AEC	5	Ability Enhancement Skill	1 from Table 6.2 on page 37	2
VEC	6	Vocational Education Course	1 from Table 6.4 on page 37	2
IKS	7	Indian Knowledge System	1 from Table 6.5 on page 37	2
OE-1	8	Other Elective - 1	1 from Group A or C in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group A or C in Table 6.7 on page 38	2
			Total Credits	22

8.3.8 B Sc (IT) Semester II

Table 8.15: B Sc (IT) Semester II Programme Structure

Programme Structure: B Sc (IT) Semester II Courses				
Course	P	Course Code	Particulars	Credits
CR	1	USITY4502CR1	Descriptive Statistics	4
MN	2	Minor	refer to Table 8.3 on page 64	4
VSC	3	USITY4502VS1	C++ Programming	2
SEC	4	UCMGS4501SE1	Essentials of Intellectual Property Rights	2
		USITY4502SE1	Advanced Python Programming	2
AEC	5	Ability Enhancement Course	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Other Elective - 1	1 from Group C or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group C or S in Table 6.6 on page 38	2
			Total Credits	22



8.3.9 B Sc (IT) Semester III

Table 8.16: B Sc (IT) Semester III Programme Structure

Programme Structure: B Sc (IT) Semester III Courses				
Course	P	Course Code	Particulars	Credits
CR	1	USITY5001CR1	Object-Oriented Programming Systems with Java	4
	2	USITY5002CR1	Database Management System and Concepts	4
MN	3	Minor	refer to Table 8.4 on page 64	4
VSC	4	USITY5001VS1	Web Designing and Programming	2
AEC	5	Ability Enhancement Course	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 5	1 from Group A or C in Table 6.8 on page 39	2
FP1/CEP2	7	Field Project 1 or Community Engagement Programme 2		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
			Total Credits	22

Table 8.17: B. Sc (IT) Semester IV Programme Structure

Programme Structure: B Sc (IT) Semester IV Courses				
Course	P	Course Code	Particulars	Credits
CR	1	USITY5003CR1	Data Structure using Java	4
	2	USITY5004CR1	Discrete Mathematics and Statistics	4
MN	3	Minor	refer to Table 8.5 on page 64	4
SEC	4	USITY5001SE1	Mobile Application Development	2
AEC	5	Ability Enhancement Course	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 5	1 from Group A or C in Table 6.8 on page 39	2
FP2/CEP3	7	Field Project 2 or Community Engagement Programme 3		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22

8.3.10 B Sc (IT) Semester V (Pre-NEP 2020)

Table 8.18: B Sc (IT) - Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
SITS0501	Network Security & Internet Technologies	4	4
SITS0502	C# with ASP.Net	4	4
SITS0503	Data Warehousing & Data Mining	4	4
SITS0504	E-Commerce and Enterprise Resource Planning	4	4
SITS0505	Introduction to Artificial Intelligence	4	4
SITS05PR	Network Security and Data Warehousing	6	4
SITS05PR	C # & ASP. NET and Introduction to Artificial Intelligence	6	4
SITS05PJ	Scientific Communication Skills & Project 1	-	
TOTAL		33	28



8.3.11 B Sc (IT) Semester VI (Pre-NEP 2020)

Table 8.19: B Sc (IT) - Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
SITS0601	Big Data and Cloud Computing	4	4
SITS0602	Image Processing and deep learning	4	4
SITS0603	Advanced Java	4	4
SITS0604	Software Testing	4	4
SITS06PR	Big Data Visualization & Advanced Java	6	4
SITS06PJ	Project, Scientific Communication Skills	3+9	8
TOTAL		34	28

8.4 B. Com (MS) - Management Studies

8.4.1 Introduction:

The B. Com (MS) programme at St. Xavier's College, Mumbai was started in the Academic Year 2001-02 as a **self-financed** 3-year undergraduate program affiliated with the University of Mumbai. The aim has always been to foster the spirit of entrepreneurship among young minds and to also develop middle-level managerial skills as required by the industry. As an Autonomous College since 2010, the B. Com (MS) curriculum has been critically upgraded to bridge the industry-academia gap by including relevant courses in the fields of Finance, Marketing, Human Resources and Production. The teaching-learning process follows a blend of assignments, case studies and projects to equip the students with the requirements of the industry and to also instil in them the confidence to start their venture. Through the campus placement process, the students are placed in some of the top-ranking Consulting firms, Banks, FMCG companies and Media companies immediately after the course. Many graduates also pursue higher education in leading international colleges such as London Business School, London School of Economics, UCLA, University of Melbourne and NYU either immediately after graduation or after two to three years of work experience. The alumni of the Department are not only placed in top positions in organisations across the globe but many of them have also started and sustained their ventures and businesses that nurture inclusive growth through social entrepreneurship for the benefit of the society.

8.4.2 Number of students: 120 students (w.e.f. August 2021).

8.4.3 Eligibility: A candidate to be eligible for admission to the B. Com (MS) degree programme shall have passed the 12th Std. Examination conducted by the **Maharashtra State Board of Higher Secondary Education** or its equivalent examination or Diploma in any Engineering branch with at least 2 years duration after passing the Secondary School Certificate (S. S. C.) examination conducted by the Board of Technical Education, Maharashtra State or equivalent examination.

8.4.4 Eligibility Certificate: refer to Section 4.3 on page 24 .

8.4.5 Admission Criteria: For the B. Com (MS) Programme, unlike other programmes, the students come from all 3 faculties (Arts, Science and Commerce) where the marking systems are very different. Hence an entrance test for this programme is conducted for admission purposes. Admissions are based on the Entrance Test 4.1.2 on page 21 & 4.1.6 on page 21. Also, refer to 4.1.10 on page 22 and Table 4.2 on page 23.

8.4.6 Minimum Requirement of Marks in Qualifying Exams: Candidates applying in any of the categories, viz., General, Christian Minority Community, and Special Category should have passed the Qualifying Std. XII Examination (or any other equivalent Exams)

8.4.7 Fees: refer to Table 4.3 on page 24, Table 4.4 on page 24 and Section 4.5 on page 24.



8.4.8 B. Com (MS) Semester I

Table 8.20: B. Com (MS) Semester I Programme Structure

Programme Structure: B. Com (MS) Semester I				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCMGS4501CR1	Principles of Management	4
MN	2	Minor	refer to Table 8.2 on page 63	4
VSC	3	UCMGS4501VS1	Introduction to Business Law	2
SEC	4	UCMGS4501SE1	Essentials of Intellectual Property Rights (for MS)	2
AEC	5	Ability Enhancement Course	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
IKS	7	Indian Knowledge System	1 from Table 6.5 on page 37	2
OE-1	8	Other Elective - 1	1 from Group A or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group A or S in Table 6.7 on page 38	2
			Total Credits	22

8.4.9 B. Com (MS) Semester II

Table 8.21: B. Com (MS) Semester II Programme Structure

Programme Structure: B. Com (MS) Semester II				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCMGS4502CR1	Managerial Economics	4
MN	2	Minor	refer to Table 8.3 on page 64	4
VSC	3	UCMGS4502VS1	Elements of Cost Accounting	2
SEC	4	UCMGS4502SE1	Negotiation and Conflict Management	2
AEC	5	Ability Enhancement Course	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from Table 6.4 on page 37	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Other Elective - 1	1 from Group A or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group A or S in Table 6.7 on page 38	2
			Total Credits	22



8.4.10 B. Com (MS) Semester III

Table 8.22: B. Com (MS) Semester III Programme Structure

Programme Structure: BMS Semester III Courses				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCMGS5001CR1	Organisational Behaviour	4
	2	UCMGS5002CR1	Principles of Marketing & Consumer Behaviour	4
MN	3	Minor	refer to Table 8.4 on page 64	4
VSC	4	UCMGS5001VS1	Industrial Law	2
AEC	5	Ability Enhancement Course	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 5	1 from Group A or S in Table 6.8 on page 39	2
FP1/CEP2	7	Field Project 1 or Community Engagement Programme 2		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
			Total Credits	22

Table 8.23: B. Com (MS) Semester IV Programme Structure

Programme Structure: B. Com (MS) Semester IV				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCMGS5003CR1	Financial Reporting and Analysis	4
	2	UCMGS5004CR1	Research Methods in Business	4
MN	3	Minor	refer to Table 8.5 on page 64	4
SEC	4	UCMGS5001SE1	Quantitative Methods for Business Decisions	2
AEC	5	Ability Enhancement Course	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 6	1 from Group C or S in Table 6.8 on page 39	2
FP2/CEP3	7	Field Project 2 or Community Engagement Programme 3		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22

8.4.11 BMS Semester V (Pre-NEP 2020)

Table 8.24: BMS - Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
CMS0501	Business Ethics & Corporate Social Responsibility	4	5
CMS0502	Service Sector Management	4	4
CMS0503	Supply Chain Management	4	4
CMS0504	Indian Management Thoughts and Practices	4	4
CMS0505	International Finance	4	4
CMS0506	Elective I: Financial Resource Raising	4	4
CMS0507	Elective II: International Business ANY ONE	4	4
CMS0508	Elective III: Training and Development	4	4
CMS0509PJ	Management Research Project	–	3
	TOTAL	24	28



8.4.12 BMS Semester VI (Pre-NEP 2020)

Table 8.25: BMS Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
CMS0601	Strategic Management	4	5
CMS0602	Risk Management	4	5
CMS0603	Operations Research	4	4
CMS0604	Entrepreneurship & Management of Small & Medium Enterprises	4	5
CMS0605	E-Commerce	4	4
CMS0606	Elective I: Invest. Analysis & Portfolio Mgt.	4	5
CMS0607	Elective II: Retail & Sales Management ANY ONE	4	5
CMS0608	Elective III: Econometrics	4	5
	TOTAL	24	28

8.5 B Com (Accounting and Finance)

8.5.1 Introduction:

The B. Com (AF) programme commences at St. Xavier's College at the start of the academic year 2022-23. It is a self-financed 3-year undergraduate program affiliated to the University of Mumbai. The aim is to provide a platform of cutting-edge content in the domain of accounting and finance, to students, who wish to transform themselves into good professionals in the areas of accounting and finance. As an autonomous college, the syllabus of B. Com (AF) has been designed, keeping in mind the latest industry trends. This will be further upgraded to the needs of changing socio-economic educational environment in business and commerce, under the able guidance of a highly professional board of studies members. Emphasis while imparting content of the various courses of B. Com (AF) is on practical learning extended by the industry experts in respective courses.

8.5.2 Number of Students: 120 Students.

8.5.3 Eligibility: A candidate for being eligible for admission to the B.Com (Accounting and Finance) degree program shall have passed the XIIth Standard Examination of Maharashtra State Board of Higher Education or its equivalent conducted by any authorised Board or competent authority.

8.5.4 Eligibility Certificate: refer to Section 4.3 on page 24

8.5.5 Fees: refer to 4.3 on page 24

8.5.6 B Com (AF) Semester I

Table 8.26: B Com (AF) Semester I Programme Structure

Programme Structure: B Com (AF) Semester I				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCACF4501CR1	Fundamentals of Accounting Practices	4
MN	2	Minor	refer to Table 8.2 on page 63	4
VSC	3	UCACF4501VS1	Spreadsheet Application Software	2
SEC	4	UCACF4501SE2	Business Communication & Report Writing	
AEC	5	Ability Enhancement Course	refer to Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from 6.4 on page 37	2
IKS	7	Indian Knowledge System	1 from Table 6.5 on page 37	2
OE-1	8	Other Elective - 1	1 from Group A or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group A or S in Table 6.7 on page 38	2
			Total Credits	22



8.5.7 B Com (AF) Semester II

Table 8.27: B Com (AF) Semester II Programme Structure

Programme Structure: B Com (AF) Semester II				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCACF4502CR1	Comprehensive Accounting Practices	4
MN	2	Minor	refer to Table 8.3 on page 64	4
VSC	3	UCACF4502VS2	Accounting through ERP	2
SEC	4	UCMGS4501SE1	Essentials of Intellectual Property Rights	2
		UCACF4502SE1	Fundamentals of Business Legal Framework	2
AEC	5	Ability Enhancement Course	1 from Table 6.2 on page 37	2
VEC	6	Value Education Course	1 from 6.4 on page 37	2
CC1	7	UXECC4501CC1: Co-Curricular Course 1		2
OE-1	8	Other Elective - 1	1 from Group A or S in Table 6.6 on page 38	2
OE-2	9	Other Elective - 2	1 from Group C or S in Table 6.7 on page 38	2
Total Credits				22

8.5.8 B Com (AF) Semester III

Table 8.28: B. Com (AF) Semester III Programme Structure

Programme Structure: B Com (AF) Semester III				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCACF5001CR1	Partnership and Corporate Accounting	4
	2	UCACF5002CR1	Cost Accounting Tools and Techniques	4
MN	3	Minor	refer to Table 8.4 on page 64	4
VSC	4	UCACF5001VS1	Data Visualisation for Finance	2
AEC	5	Ability Enhancement Course	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 5	1 from Group C or S in Table 6.8 on page 39	2
FPI/CEP2	7	Field Project 1 or Community Engagement Programme		4
CC2	8	UXECC5001CC1: Co-Curricular Course 2		4
Total Credits				22



8.5.9 B Com (AF) Semester IV

Table 8.29: B. Com (AF) Semester IV Programme Structure

Programme Structure: B Com (AF) Semester IV				
Course	P	Course Code/Title	Particulars	Credit
CR	1	UCACF5003CR1	Financial Reporting and Reconstruction	4
	2	UCACF5004CR1	Corporate Law and Governance	4
MN	3	Minor	refer to 8.5 on page 64	4
SEC	4	UCACF5001SE1	Analytical Techniques in Management Accounting	2
AEC	5	Ability Enhancement Course	1 from Table 6.3 on page 37	2
OE-1	6	Open Elective - 6	1 from Group A or S in Table 6.8 on page 39	2
FP2/CEP3	7	Field Project 2 or Community Engagement Programme 3		4
CC3	8	UXECC5002CC1: Co-Curricular Course 3		4
			Total Credits	22

8.5.10 B Com (AF) Semester V (Pre-NEP 2020)

Table 8.30: B Com (AF) - Semester V (Pre-NEP 2020)

Code	Course Title	L/W	Credits
CBAF0501	Financial Accounting V	4	5
CBAF0502	Indian Economy	4	4
CBAF0503	Business Analytics	4	4
CBAF0504	Direct Taxes [Income Tax-II]	4	4
CBAF0505	Cost Accounting III	4	4
CBAF0506	Elective I: Security Analysis & Portfolio Management	4	4
CBAF0507	Elective II :Operation Research		
CBAF0508	Elective III:Financial Analysis & Business Valuation		
CBAF0509	Project Work based on Internship	—	3

8.5.11 B Com (AF) Semester VI (Pre-NEP 2020)

Table 8.31: B Com (AF) - Semester VI (Pre-NEP 2020)

Code	Course Title	L/W	Credits
CBAF0601	Financial Accounting VI	4	5
CBAF0602	Financial Accounting VII	4	5
CBAF0603	International Finance	4	4
CBAF0604	Management Applications	4	4
CBAF0605	Financial Management II	4	5
CBAF0606	Elective I: Financial Securities and Derivatives	4	5
CBAF0607	Elective II : Econometrics		
CBAF0608	Elective III: Taxation - Indirect Taxes - II		

9. Postgraduate Science (Aided) Courses

9.1 M Sc Programme: An Overview

9.1.1 Admissions to the M Sc programmes begin in the last week of May and will close only after the declaration of the B. Sc. Degree results of the University of Mumbai sometime in the second or third week of June. If the Mumbai University semester VI results are not declared, admissions will be based on the semester V marks obtained.

9.1.2 Mode of Application: The College has introduced an ONLINE application system for the above-mentioned First Year Post-Graduate M Sc Part - I Programmes. All candidates applying for admission are expected to apply through the online application system on the homepage of the website <http://www.xaviers.edu>. Students are expected to post a copy of their mark sheets from Semester I to Semester VI along with the Application Form generated online to the college. The Online Application fee is ₹500 and it is to be paid by demand draft in favour of 'St. Xavier's College, Mumbai', payable in Mumbai.

9.1.3 The last date for submission of online application forms for admission to the College and dates for the display of merit lists will be put up on the "homepage" of the college website after the declaration of the B. Sc. Degree results of Mumbai University.

9.1.4 At the time of admission the candidate must submit the following documents.

9.1.4.1 Degree Marksheets and Pass Certificate (Original + 2 attested copies)

9.1.4.2 Baptism Certificate (for Christians)

9.1.4.3 Admissions to the above courses will begin only after the declaration of the B. Sc. Degree results of the University of Mumbai.

9.1.5 Students are selected for all the M Sc courses covered in this Section of the handbook based on the marks/grades secured at the qualifying UG examination.

9.1.6 Students passing the B. Sc. Degree from Universities other than Mumbai University and seeking admissions to First Year M Sc Courses are required to apply for a Provisional Eligibility Certificate (EC) through the College at the time of admission. The EC Application Form, available at the College Office, should be duly filled and submitted with an attested copy of the B. Sc. Degree mark sheet and a passport-size photograph along with the prescribed fees of ₹320 & ₹500 (for verification of documents) to the College Office. Once admission is granted, for confirmation of eligibility, students should submit to the College Office, within the First Semester, the Passing Certificate and the Migration Certificate (both in originals).

9.1.7 Students passing degree examinations from Mumbai University will be required to submit the Transfer Certificate issued by their respective Colleges. This needs to be submitted after completion of the admissions process to the College.

9.1.8 Students passing the B. Sc. Degree from Universities other than Mumbai, Documentary Evidence regarding Special Category (refer to Section 4.1.10 on page 22)

9.1.9 Total Number of Seats for Aided Courses 20 seats per year each for Botany, Geology, Life Science, and Microbiology.

9.1.10 Fees (for Aided M Sc only): Includes Deposit and Laboratory Fees, as sanctioned by the Board of Management, St. Xavier's College (Autonomous): refer to 4.3 on page 24.

9.1.11 Reservation of Seats: Refer to Table 9.1 on the facing page.



Table 9.1: Seat Reservation in PG Courses (Aided and Self-Financed)
M Sc (20 Aided seats) and M Sc (Self-Financed) (40/30/20 seats) M.A. (Aided) and M.A. Self-Financed) (60/30 seats)

Seat Reservation in PG Courses (Aided and Self-Financed)	
Category	Criteria
TOTAL SEATS 100% (i.e. 20 or 30 or 40 or 60)	
Management Quota: 15% of total seats 20 or 30 or 40 or 60 seats	Case A
BALANCE SEATS 85% (i.e. 17 or 25 or 34 or 51)	
Christian Minority: 50% of 85% of 20 or 30 or 40 or 60 seats	Case F/G
General Category: 50% of 85% of 20 or 30 or 40 or 60 seats	Case F/G
Others	
Persons with Disability Category: 5% of 85% of 20 or 30 or 40 or 60 seats	Case F/G
Special Category** (refer to 4.1.10 on page 22).; 3% of 85% of 20 or 30 or 40 or 60 seats	Case F/G
Key:	
Case A: Only for those the College is obliged to admit and without any quid pro quo.	
Case F: Admitted based on their Merit Rank which is based on performance at the appropriate Graduation Examinations.	
Case G: Admitted based on their Merit Rank which is based on performance at the appropriate Graduation examination and performance at the Entrance test.	

9.2 Credit Structure of PG Courses

Table 9.2: Credit Structure of All Aided PG Programmes

Credit Structure of All Aided PG Programmes								
Level	Sem	Major		RM	OJT,FP	RP	Cum Cr	Degree/Cum Cr
		Mandatory	Elective					
6.0	Sem 1	12	4	4	2	0	22	PG Diploma after TY
	Sem 2	12	4	0	6	0	22	
	Cum Cr	24	8	4	8	0	44	
6.5	Sem 3	12	4	0	0	6	22	PG Degree after TY or After 4th year UG
	Sem 4	12	4	0	0	6	22	
	Cum Cr	24	8	0	0	12	44	
88 credits (2 years) after TY or 44 credits (1 year) after 4th year UG								

9.3 M Sc (Botany)

9.3.1 Introduction:

Botany is a discipline of the Biological Sciences specifically the Science of Plant Life. The field of Botany covers a wide range of scientific disciplines including structure, growth, reproduction, physiology, metabolism, development, diseases, chemical properties, classification and evolutionary relationships among the taxonomic groups of plants. Botany began with early human efforts to identify edible, medicinal and poisonous plants, making it one of the oldest branches of science. The study of plants is vital because they are a fundamental part of life on earth, and generate the oxygen and food that allow humans and other organisms to exist. India is rich in Biodiversity of plants and other biological organisms. It is a source of our food, medicine and many other requirements of life. Biodiversity is one of the important areas to be studied and understood.

To cater to this need, the Botany Department of St. Xavier's College (Autonomous) offers the M Sc degree in Botany under its Autonomous system which allows us to design our syllabi and our evaluation system. The degree is awarded by the University of Mumbai.



9.3.2 Eligibility Criteria

9.3.2.1 A candidate for being eligible for admission to the M Sc Degree in Botany should have passed the B Sc (Three years integrated course) degree examination of the University of Mumbai with at least seven units (i.e., minimum required for majoring in a subject) in Botany or B Sc Botany from any other University recognised as equivalent thereto.

9.3.2.2 For Eligibility/Transfer/Migration Certificates: refer to 9.1.5 on page 76 and 9.1.9 on page 76. For Reservation Criteria: refer to Table 9.1 on the preceding page.

9.3.3 List Of Courses/Specialisations

St. Xavier's College (Autonomous), Mumbai offers the M Sc Degree in Botany in one specialisation, viz, Angiosperm Taxonomy.

9.3.4 M Sc Semester I

Table 9.3: M Sc Botany Semester I Programme Structure

Programme Structure: M Sc Botany Semester I			
Course	Code	Course Title	Credits
1	PSBOT6001CR1	Algae and Bryophytes	4
2	PSBOT6002CR1	Plant Taxonomy	4
3	PSBOT6003CR1	Molecular Biology	4
4	PSBOT6001RM1	Research Methodology	4
5	PSBOT6001EL1	Instrumentation	4
6	PSBOT6001FP1	Field Project in Botany	2
Total Credits			22

9.3.5 M Sc Semester II

Table 9.4: M Sc Botany Semester II Programme Structure

Programme Structure: M Sc Botany Semester II			
Course	Code	Course Title	Credits
1	PSBOT6004CR1	Plant Pathology	4
2	PSBOT6005CR1	Phytochemistry	4
3	PSBOT6006CR1	Plant Development	4
4	PSBOT6002EL1	Economic Botany	4
5	PSBOT6002FP1	Field Project in Botany	6
Total Credits			22



9.3.6 M Sc Semester III

Table 9.5: M Sc Botany Semester III Programme Structure

Programme Structure: M Sc Botany Semester III			
Course	Code	Course Title	Credits
1	PSBOT6501CR1	Ecological Principles	4
2	PSBOT6502CR1	Archegoniates	4
3	PSBOT6503CR1	Angiosperms Phylogeny and Nomenclature	4
4	PSBOT6501EL1	Forensic Botany	4
5	PSBTY6501RP1	Research Project with Dissertation	6
Total Credits			22

9.3.7 M Sc Semester IV

Table 9.6: M Sc Botany Semester IV Programme Structure

Programme Structure: M Sc Botany Semester IV			
Course	Code	Course Title	Credits
1	PSBOT6504CR1	Stress Physiology	4
2	PSBOT6505CR1	Taxonomic Characters, Aids and Ethnobotany	4
3	PSBOT6506CR1	Floral Diversity, Molecular Taxonomy and IPR	4
4	PSBOT6502EL1	Emerging Trends in Biotechnology	4
5	PSBOT6503EL1	Mangrove ecosystem RS	4
6	PSBOT6502RP1	Research Project with Dissertation	6
Total Credits			22

9.3.8 Facilities in the Department

The Botany Department of St. Xavier's College is the only department in the entire University of Mumbai to have the Blatter Herbarium with its collection of 2,00,000 herbarium specimens which includes a major collection of Angiosperm. In addition, it also holds a collection of algae, fungi, and Gymnosperms. The Herbarium also has a well-stocked attached library having 5000 volumes of Angiosperm Taxonomy-related books, and various national and international research journals. The department also offers the Ph. D. Programme in Angiosperm Taxonomy. We have two newly developed, well-equipped, multimedia-dedicated postgraduate labs for the M Sc Programme. A central Instrumentation facility (CIF Lab) provides access to some advanced and newly acquired instruments required for practicals.

9.4 M Sc (Geology)

9.4.1 Introduction:

This is a two-year Geology course which covers all the major aspects of this discipline. This course is affiliated to and recognised by the University of Mumbai. Students can also add a certain specialisation to their M Sc studies as they have to undertake a dissertation (research project). In contemporary times, Geologists are increasingly in demand to study and evaluate geologic hazards and natural resources such as oil and gas. The Placement Cell of the College helps in connecting our students with such employment avenues.

9.4.2 Eligibility Criteria

9.4.2.1 Graduates with a degree from a recognised University/College with a major subject as Geology (at least 50% of the total credits earned or equivalent in marks, should be in Geology) can apply.



9.4.2.2 For Eligibility/Transfer/Migration Certificates: For eligibility refer 9.1.5 on page 76 and for number of seats refer to 9.1.9 on page 76. For Reservation Criteria refer to: 9.1 on page 77.

9.4.3 List of Courses

The courses offered in the post-graduate program (four semesters) in Geology have been designed by keeping the present-day industry requirements in mind. A dissertation in the final semester is aimed at exposing the learner to present-day trends of research in the subject.

9.4.4 M Sc Semester I

Table 9.7: M Sc Geology Semester I Programme Structure

Programme Structure: M Sc Geology Semester I			
Course	Code	Course Title	Credits
1	PSGE06001CR1	Indian Stratigraphy: Geological Evolution of India	4
2	PSGE06002CR1	Geochemistry: Applications of Chemistry in Earth Sciences	4
3	PSGE06003CR1	Advanced Structural Geology: Concepts and Applications	4
4	PSGE06001RM1	Research Methodology and Communication Skills in Earth Sciences	4
5	PSGE06001EL1	Practical Gemmology - Identification and Assessment of Gem Material	4
6	PSGE06001FP1	Field Project	2
Total Credits			22

9.4.5 M Sc Semester II

Table 9.8: M Sc Geology Semester II Programme Structure

Programme Structure: M Sc Geology Semester II			
Course	Code	Course Title	Credits
1	PSGE06004CR1	Igneous Petrology: Magmatic Processes and Petrogenesis	4
2	PSGE06005CR1	Metamorphic Petrology: Petrogenesis and Evolution	4
3	PSGE06006CR1	Sedimentary Petrology: Sedimentary Environments and Processes	4
4	PSGE06002EL1	Remote Sensing: Processes, & Applications in Earth Sciences	4
5	PSGE06002FP1	Geology Field Training Project	6
Total Credits			22

9.4.6 M Sc Semester III

Table 9.9: M Sc Geology Semester III Programme Structure

Programme Structure: M Sc Geology Semester III			
Course	Code	Course Title	Credits
1	PSGE06501CR1	Micropalaeontology: Principles and Applications	4
2	PSGE06502CR1	Hydrogeology: Principles and Practice	4
3	PSGE06503CR1	Geophysics: Applications in Exploration	4
4	PSGE06501EL1	Energy Resources	4
5	PSGE06501RP1	Project based Dissertation - I	6
Total Credits			22



9.4.7 M Sc Semester IV

Table 9.10: M Sc Geology Semester IV Programme Structure

Programme Structure: M Sc Geology Semester IV			
Course	Code	Course Title	Credits
1	PSGE06504CR1	Invertebrate Palaeontology and Palaeobiology	4
2	PSGE06505CR1	Oceanography and Marine Geology	4
3	PSGE06506CR1	Economic Geology and Mining	4
4	PSGE06502EL1	Essentials of Engineering Geology	4
5	PSGE06503EL1	Contaminated Site - Investigation and Remediation	4
6	PSGE06502RP1	Project based dissertation - II	6
		Total Credits	22

9.4.8 Facilities in the Department

9.4.8.1 Along with the standard laboratory equipment for Earth Sciences, the Department has research-grade petrological microscopes and student petrological microscopes. The rock and mineral section cutting unit is well equipped with machines and trained manpower for preparing rock and mineral thin sections. Five microscopes are procured for ore-microscopy studies. For sedimentology work, a sieve shaker with standard set of sieves and good binocular zoom microscopes are available. Groundwater exploration work is done using the Electrical Resistivity and Sounding system. The department has licensed software for the GIS and Remote Sensing work. Modern surveying equipment such as GPS, Theodolite, and Auto Level along with all accessories is available for detailed field mapping.

9.4.8.2 Over about 90 years, the Department has accumulated a formidable collection of rocks and mineral specimens from around the world. A well-stocked rock-thin section library is also present. Topographical maps covering almost the entire country are available in digital form and print along with digital satellite imageries of large parts of the country. The Department has a UV lamp for mineral exploration. In addition, the department has acquired new equipment like a Total station, GPS, Groundwater resistivity (low frequency), a Petrothin sectioning system for petrographic thin sections, and a drone for aerial photography. Facilities for wet and dry chemical analysis of rocks and standard equipment for measuring load load-bearing capacity of rocks (unconfined compressive strength) are available. The centralised library has some of the latest publications in Earth Sciences and allied fields and is also supported by the online N-List (INFLIBNET) and a considerable collection of reference books in the departmental and faculty library. Learners are also encouraged to participate in summer and winter internships, for which, placement assistance is provided.

9.5 M Sc (Life Science & Biochemistry)

9.5.1 M Sc Life Science (By Papers) with a specialisation in Applied Medical Science. The Department of Life Science started the M Sc course in 1980. It offers two post-graduate programmes.

9.5.1.1 Life Science is a vast subject that is structured to engage a student in multiple avenues of biology. The applied sciences draw from the fundamentals that are taught in the programme and focus attention on the medical field. This acts as a launch pad for careers in diverse fields, ranging from a purely academic endeavour such as research and teaching to entrepreneurship, law, science writing, etc. The programme is designed to strengthen and enhance a student's understanding and knowledge of Biology by exposure to several fields such as Cell Biology, Physiology, Genetics, Immunology, Microbiology, etc., in mainstream biology and allied fields such as Biochemistry, Biostatistics, Pharmacology, Cancer and Stem cell biology and Bioinformatics.

9.5.1.2 The programme will be conducted by the eleven faculty of the department using a blended learning approach which includes classical classroom teaching, self-study, experiential learning, seminars, presentations, field visits, etc. As part of their training, students will have an opportunity to work on a research project in the second year and submit a dissertation/report on it. The students are also strongly encouraged to complete summer internships to complement the programme.

9.5.2 M Sc. in Life Science (By Research): There are two research guides for a PG programme in the department. Interested candidates may approach the department for further details.

9.5.2.1 Eligibility Criteria



9.5.2.1.1 Graduates in Botany, Biochemistry, Biotechnology, Life Science, Microbiology, and Zoology from the University of Mumbai are all eligible.

9.5.2.1.2 Graduates in any of the above-mentioned disciplines from other Universities are also eligible but will have to fulfil 9.5.2.1.3.

9.5.2.1.3 For Eligibility/Transfer/Migration Certificates: Refer to 9.1.5 on page 76 and 9.1.9 on page 76. For Reservation Criteria: refer to Table 9.1 on page 77.

9.5.2.2 Process of Selection: Applicants will be selected based on the T.Y.BSc marks/grades.

9.5.3 M Sc Semester I

Table 9.11: M Sc Life Science and Biochemistry Semester I Programme Structure

Programme Structure: M Sc Life Science and Biochemistry Semester I Courses			
Course	Code	Course Title	Credits
1	PSLSC6001CR1	Cell Biology	4
2	PSLSC6002CR1	Biochemistry	4
3	PSLSC6003CR1	Analytical Techniques	4
4	PSLSC6001RM1	Research Methodology	4
5	PSLSC6001EL1	Intellectual Property Rights and Entrepreneurship	4
	PSLSC6002EL1	Laboratory Management	
6	PSLSC60010J1	On Job Training	2
Total Credits			22

9.5.4 M Sc Semester II

Table 9.12: M Sc Life Science and Biochemistry Semester II Programme Structure

Programme Structure: M Sc Life Science and Biochemistry Semester II			
Course	Code	Course Title	Credits
1	PSLSC6004CR1	Human Physiology	4
2	PSLSC6005CR1	Immunology	4
3	PSLSC6006CR1	Infectious Diseases	4
4	PSLSC6003EL1	Bioinformatics	4
	PSLSC6004EL1	Mathematics and Statistics in Biology	
5	PSLSC60020J1	OJT/FP/PJ	6
Total Credits			22



9.5.5 M Sc Semester III

Table 9.13: M Sc Life Science and Biochemistry Semester III Programme Structure

Programme Structure: M Sc Life Science and Biochemistry Semester III			
Course	Code	Course Title	Credits
1	PSLSC6501CR1	Neuroendocrine and Reproductive Physiology	4
2	PSLSC6502CR1	Molecular Biology	4
3	PSLSC6503CR1	Pharmacology and Clinical Research	4
4	PSLSC6501EL1	Epidemiology and Public Health	4
	PSLSC6502EL1	Routine Diagnostics	4
5	PSLSC6501RP1	Research Project with Dissertation - I	6
Total Credits			22

9.5.6 M Sc Semester IV

Table 9.14: M Sc Life Science and Biochemistry Semester IV Programme Structure

Programme Structure: M Sc Life Science and Biochemistry Semester IV			
Course	Code	Course Title	Credits
1	PSLSC6504CR1	Medical genetics	4
2	PSLSC6505CR1	Recombinant DNA Technology	4
3	PSLSC6506CR1	Cancer Biology and Stem Cell Biology	4
4	PSLSC6503EL1	Nanotechnology and Toxicology	4
	PSLSC6504EL1	Tissue Culture	4
5	PSLSC6502RP1	Research Project with Dissertation - II	6
Total Credits			22

9.5.7 Facilities in the Department

9.5.7.1 The Department of Life Science & Bio-Chemistry is recognised by the University of Mumbai for M Sc (by Research) and Ph. D., with research guides for both.

9.5.7.2 All equipment and requirements for M Sc (by Papers / by Research) along with a common instrumentation facility and Library are available.

9.5.7.3 Other activities for this course: Annual Seminars/Conferences/Internships/Industrial Visits/Guest Speakers.

9.6 M Sc (Microbiology)

9.6.1 Introduction:

The Department of Microbiology, St. Xavier's College, is the oldest Microbiology Department in the country (over eighty years old). Microbiology, one of the three classical disciplines in the Biological Sciences is an extremely diverse and complex field. A constantly changing and advancing science it has spawned the evolution of modern scientific disciplines like microbial biotechnology, genetic engineering, immunology, molecular biology, and genomics and solved many challenges in health, energy, environment, etc. This 2-year, 4-semester autonomous credit-based M Sc programme is affiliated with the University of Mumbai. The course is designed to provide students with training and research experience that will prepare them for a wide range of careers in pure and applied sciences.



9.6.2 Eligibility Criteria

9.6.2.1 A candidate for being eligible for admission to the M Sc Degree in Microbiology should have passed the B. Sc. (Three-year integrated course) degree examination of the University of Mumbai with at least 14 theory courses and 6 practical courses (i.e. minimum required for majoring in a subject) in Microbiology OR B. Sc. Microbiology from any other University.

9.6.2.2 For Eligibility/Transfer/Migration Certificates: Refer to 9.1.5 on page 76 to 9.1.9 on page 76. Reservation Criteria: refer to: 9.1 on page 77.

9.6.3 M Sc Semester I

Table 9.15: M Sc Microbiology Semester I Programme Structure

Programme Structure: M Sc Microbiology Semester I			
Course	Code	Course Title	Credits
1	PSMIC6001CR1	Molecular Genetics	4
2	PSMIC6002CR1	Microbial Biochemistry	4
3	PSMIC6003CR1	Advances in Immunology	4
4	PSMIC6001RM1	Research Methodology & Biostatistics	4
5	PSMIC6001EL2	Cell Biology	4
	PSMIC6002EL1	Building the Entrepreneurial Mindset: Opportunities and Challenges	
6	PSMIC6001FP1	Field Project	2
Total Credits			22

9.6.4 M Sc Semester II

Table 9.16: M Sc Microbiology Semester II Programme Structure

Programme Structure: M Sc Microbiology Semester II			
Course	Code	Course Title	Credits
1	PSMIC6004CR1	Advances in Molecular Genetics and Genomic applications	4
2	PSMIC6005CR1	Protein and Metabolic Biochemistry	4
3	PSMIC6006CR1	Virology	4
4	PSMIC6003EL1	Building the Entrepreneurial Mindset: Opportunities and Challenges	4
	PSMIC6004EL1	Biostatistics and Bioinformatics	
5	PSMIC6002FP1	Field Project	6
total Credits			22



9.6.5 M Sc Semester III

Table 9.17: M Sc Microbiology Semester III Programme Structure

Programme Structure: M Sc Microbiology Semester III			
Course	Code	Course Title	Credits
1	PSMIC6501CR1	Medical and Pharmaceutical Microbiology	4
2	PSMIC6502CR1	Bioanalytical Techniques	4
3	PSMIC6503CR1	External project- Experimentation and Presentation	4
4	PSMIC6501EL1	Bioprocess Technology	4
5	PSMIC6501RP1	External Project-Dissertation	6
Total Credits			22

Note. : External Project (300 marks) (for 4 months at various research institutes like BARC, TIFR, NCL, ACTREC, FMR, TMC, etc.)

9.6.6 M Sc Semester IV

Table 9.18: M Sc Microbiology Semester IV Programme Structure

Programme Structure: M Sc Microbiology Semester IV			
Course	Code	Course Title	Credits
1	PSMIC6504CR1	Microbial Ecology and Environmental Microbiology	4
2	PSMIC6505CR1	Advances in Biotechnology	4
3	PSMIC6506CR1	Practical in Applied Microbiology and Writing a Project Report	4
4	PSMIC6502EL1	Insights into Food Microbiology	4
5	PSMIC6502RP1	Internal Research Project	6
Total Credits			22

9.6.7 Facilities of the Department

9.6.7.1 It is well-equipped for teaching Modern Microbiology.

9.6.7.2 It has a well-equipped research laboratory called 'Palacios Research Lab.

9.6.7.3 It has access to a Common Instrumentation Facility with sophisticated instruments to carry out teaching, as well as research, in the biological sciences. It also has an in-house Library.

9.6.8 It conducts co-curricular activities like an Annual Khandala Seminar and industrial visits.

10. Postgraduate Arts (Aided) Courses

10.1 M A (Ancient Indian History, Culture and Archaeology)

10.1.1 Introduction:

This programme offers essential training for professional roles throughout the sector. The learners will understand all aspects of archaeology, conservation and heritage practices in theory and practice. It offers practical experience with conservation, epigraphy, numismatics, classical performing arts, Indian art & architecture, and religion philosophy, which helps in developing knowledge and skills essential for today's careers in the above disciplines. It involves the study of the Pali Language, comparative mythology, cultural studies of civilisations and maritime studies with research methodology. Graduates work in a variety of professional fields: teaching and research, management of archaeological sites, heritage organisations in the public and private sector, art consultancy firms, tourism operators, museums, public archaeology, digital preservation of culture and other related institutions. This programme aims to develop, both qualitatively and quantitatively, the protection and use of the tangible and intangible culture in India through independent workshops in addition to the academic curriculum. It focuses on theory and practice-oriented research activities related to Indian culture, Archaeology and Philosophy.

This programme also aims at helping students to: Comprehend the theoretical framework in which to study Indian Culture, Indian Archaeology, and Museology.

10.1.1.1 Analyse Archaeological data to construct the progression of the Cultural History of Ancient India.

10.1.1.2 Have practical experience via field trips, practicals and workshops.

10.1.2 **Number of Seats:** 60 Seats

10.1.3 **Reservation of Seats:** Refer to Table 9.1 on page 77.

10.1.4 **Fees:** Total fees refer to 4.3 on page 24

10.1.5 **Selection Criteria:** An Entrance Exam is held for students other than Arts and for students from other universities.

10.1.6 Eligibility Criteria

10.1.6.1 Students with a bachelor's degree in any faculty or discipline, with a minimum of 50% marks can apply.

10.1.6.2 Students from the non-Arts faculties will have to appear for an entrance exam and an interview.

10.1.6.3 For Eligibility/Transfer/Migration Certificates refer to 9.1.5 on page 76 and 9.1.9 on page 76 Note: Read B. Sc. as B. A. and M. Sc. as M A)



10.2 Credit Structure

Table 10.1: AIHCA PG Credit Structure

AICHA PG Programme Credit Structure								
Level	Sem	Major		RM	OJT,FP	RP	Cum Cr	Degree/Cum Cr
		Mandatory	Elective					
6.0	Sem 1	12	4	4	2	0	22	PG Diploma after TY
	Sem 2	12	4	0	6	0	22	
	Cum Cr	24	8	4	8	0	44	
6.5	Sem 3	12	4	0	0	6	22	PG Degree after TY or After 4th year UG
	Sem 4	12	4	0	0	6	22	
	Cum Cr	24	8	0	0	12	44	
88 credits (2 years) after TY or 44 credits (1 year) after 4th year UGP								

10.2.1 M A Semester I

Table 10.2: M A AIHCA Semester I Programme Structure

Programme Structure: M A AIHCA Semester I			
Course	Code	Course Title	Credits
1	PAAIC6001CR1	Ancient India Through Ages: From Prehistoric to Early Historic Period.	4
2	PAAIC6002CR1	Studies in Indian Archaeology	4
3	PAAIC6003CR1	Introduction of Pali Language -1	4
4	PAAIC6004CR1	Study of Epigraphy and Numismatics of India	4
5	PAAIC6001RM1	Research Methodology in Ancient Indian History, Culture & Archaeology	2
6	PAAIC6001EL1	Maritime Studies in India	4
	PAAIC6002EL1	Socio-Political & Cultural Life in Ancient to Early Medieval India	
Total Credits			22

10.2.2 M A Semester II

Table 10.3: M A AIHCA Semester II Programme Structure

Programme Structure: M A AIHCA Semester II			
Course	Code	Course Title	Credits
1	PAAIC6005CR1	Ancient India Through Ages: From Classical to Early Medieval Period	4
2	PAAIC6006CR1	Facets of Indian Art and Architecture	4
3	PAAIC6007CR1	Introduction to Pali Language & Literature-2	4
4	PAAIC6008CR1	Research Methodology in Ancient Indian History, Culture & Archaeology	4
5	PAAIC6002RM1	Research Methodology in Ancient Indian History, Culture & Archaeology	2
6	PAAIC6003EL1	Introduction to Tourism Management in India	4
	PAAIC6004EL1	Brief Study of the Comparative Mythology of the World	
Total Credits			22



10.2.3 M A Semester III

Table 10.4: M A AIHCA Semester III Programme Structure

Programme Structure: M A AIHCA Semester III Courses			
Course	Code	Course Title	Credits
1	PAAIC6501CR1	Religious And Philosophical Thoughts In Ancient India	4
2	PAAIC6502CR1	Studies In Indian Iconography, Paintings And Temple Architecture	4
3	PAAIC6503CR1	Studies In Conservation And Restoration	4
4	PAAIC6501EL1	Introduction to Sanskrit language	4
5	PAAIC6501RP1	Introduction to Digital Humanities	6
Total Credits			22

10.2.4 M A Semester IV

Table 10.5: M A AIHCA Semester IV Programme Structure

Programme Structure: M A AIHCA Semester IV			
Course	Code	Course Title	Credits
1	PAAIC6504CR1	Museology And Preventive Conservation Of Sites And Collections	4
2	PAAIC6505CR1	A Study Of The Cultural History Of World Civilisation	4
3	PAAIC6506CR1	Remedial Conservation Of Tangible Heritage	4
4	PAAIC602EL1	Introduction To Ancient Script	4
5	PAAIC6502RP1	Introduction To Digital Archaeology	6
Total Credits			22

11. Postgraduate Science (Unaided) Courses

11.1 Credit Structure

Table 11.1: Information Technology and Biotechnology Credit Structure

Information Technology and Biotechnology Credit Structure								
Level	Sem	Major		RM	OJT,FP	RP	Cum Cr	Degree/Cum Cr
		Mandatory	Elective					
6.0	Sem 1	14	4	4	0	0	22	PG Diploma after TY
	Sem 2	14	4	0	4	0	22	
	Cum Cr	28	8	4	4	0	44	
6.5	Sem 3	12	4	0	0	6	22	PG Degree after TY or After 4th year UG
	Sem 4	0	0	0	0	22	22	
	Cum Cr	12	4	0	0	28	44	
88 credits (2 years) after TY or 44 credits (1 year) after 4th year UG								

11.2 M Sc (Big Data Analytics)

11.2.1 Introduction:

Data today is treated as a source of energy, in any venture, as they point out to our yesterdays, our current status and future areas of improvement. An individual can be a 'modern-day Oracle' if he/she can interpret data, with the right kind of analysis. This Course, an initiative of Tata Consultancy Services (TCS), has helped in shaping the talent in data analysis for seamless mutual benefits in the spheres of academics and industry. The curriculum for Big Data Analytics has been developed by Padma Shri Dr Bimal Roy, former Director of, the Indian Statistical Institute. The coursework comprises Statistical Methods, Probability & Stochastic Processes, Linear Algebra & Linear Programming, Computing for Data Sciences, Machine Learning and Database Management. St Xavier's College (Autonomous), Mumbai, will be conducting the full-time (4-semester; 88 Credit) M Sc in Big Data Analytics in collaboration with TCS. The main objective of this program is to develop the skills of Big Data Analytics and data analytics so that students will be placed as data scientists or big data analysts in the IT industry.

11.2.2 Number of seats: The intake is a maximum of 40 students per year.

11.2.3 Reservation of Seats: refer to Table 9.1 on page 77

11.2.4 Selection Process: Admission will be based on their marks in Semester V (50% weightage) at the T.Y. B. Sc exam and their performance in the Entrance examination (50% weightage). The college reserves the right to make any changes in the admission policy before the process starts.

11.2.5 Eligibility Criteria

11.2.5.1 A student who has completed/is appearing for semester VI in B. Sc. (Mathematics), B. Sc. (Data Science), B. Sc. (Statistics), B.C.A, B. Sc. (Information Technology), B. Sc. (Computer Science), B.S c. (Physics) from any recognised university in India. A student who has completed/is appearing for semester VIII in B.E.(Electronics/Computer Science) from any recognised university in India. It is mandatory that all students should have done Calculus and Linear Algebra courses during their graduation. B. Sc. (Physics) - students who have done Physics as a major subject and Mathematics or



Statistics as a second subject (up to second year) during their graduation.

11.2.5.2 Admission will be based on 60% weightage to the score obtained in the entrance test and 40% weightage to the marks obtained in Semester V (provisional).

11.2.5.3 For Eligibility/Transfer/Migration Certificates: refer to 9.1.5 on page 76 to 9.1.9 on page 76.

11.2.6 Fee Structure: refer to Table 4.3 on page 24

11.2.7 M Sc Semester I

Table 11.2: M Sc BDA Semester I Programme Structure

M Sc BDA Semester I Courses			
Course	Code	Course Title	Credits
1	PSBDA6001CR1	Linear Algebra and Linear Programming	4
2	PSBDA6002CR1	Probability and Stochastic Processes	4
3	PSBDA6003CR1	Database Management Relational	4
4	PSBDA6004CR1	Introduction to programming	2
5	PSBDA6001RM1	Research Methodology and Statistical Methods	4
6	PSBDA6001EL1	Computing for Data Science	4
	PSBDA6002EL1	Data Structures and Algorithms	
Total Credits			22

11.2.8 M Sc Semester II

Table 11.3: M Sc BDA Semester II Programme Structure

M Sc BDA Semester II Courses			
Course	Code	Course Title	Credits
1	PSBDA6005CR1	Foundation of Data Science	4
2	PSBDA6006CR1	Advanced Statistical Methods	4
3	PSBDA6007CR1	Machine Learning-I	4
4	PSBDA6008CR1	Enabling Technologies-I	4
5	PSBDA6003EL1	Operation Research	4
	PSBDA6004EL1	Linux and Cloud Computing Fundamentals	
6	PSPSY60010J1	Value Thinking	2
Total Credits			22

Table 11.4: M Sc BDA Semester III Programme Structure

Programme Structure: M Sc BDA Semester III			
Course	Code	Course Title	Credits
1	PSBDA6501CR1	Enabling Technologies-2	4
2	PSBDA6502CR1	Machine Learning 2 including Deep Learning	4
3	PSBDA6503CR1	Data Visualisation and Introduction to Econometrics and Finance	4
4	PSBDA6501EL1	Time Series Analysis	4
	PSBDA6502EL1	Bioinformatics	
5	PSBDA6501RP1	Research Project	6
Total Credits			22



11.2.9 M Sc Semester IV

Table 11.5: M Sc BDA Semester IV Programme Structure

Programme Structure: M Sc BDA Semester IV			
Course	Code	Course Title	Credits
Dissertation	PSBDA6502RP1	Internship Based Project	22
		Total Credits	22

11.3 M Sc (Biotechnology)

11.3.1 Introduction Contemporary Biology intertwined with technology has broadened the horizons of traditional Biotechnology. The key segments viz, Biopharma, Bio-Services, Agricultural Biotechnology, Industrial Biotechnology and Bioinformatics, are rapidly growing across the globe. Indian Biotech industry is on a growth trajectory and is currently ranked 3rd in the Asia-Pacific region as a Biotech destination. The Government of India has provided adequate scope by providing facilities for Research and Development (R&D) in the field of biotechnology. Innovation opportunities have increased manifold due to the increase in both public and private funding. To cater to the increasing demand for trained professionals in this emerging global industry, the college introduced a postgraduate programme in Biotechnology in 2007. The curriculum of the M Sc Biotechnology course under the autonomous system focuses on generating professionals equipped with thorough knowledge of the basics and advances in the field of modern Biotechnology, Practical and Analytical Skills as per the needs of the industry.

11.3.2 Number of Seats: 30 students per year.

11.3.3 Reservation of Seats : refer to Table 9.1 on page 77

11.3.4 Eligibility Criteria

11.3.4.1 Bachelor's degree under 10+2+3 pattern of education in Biological Sciences (Biochemistry/ Applied Biology / Biotechnology/ Botany/Life Science/ Microbiology/ Zoology) with at least four core Courses in either of the following topics Genetics and Molecular Biology, Immunology, Microbiology/ Algae/Fungi, Biochemistry, Cytogenetics, Plant and Animal Biotechnology with Chemistry up to SY B Sc level.

11.3.5 Admission to M Sc programme in Biotechnology

The admissions for M Sc Biotechnology (2 years) programme in the Post Graduate Department of Biotechnology, St. Xavier's College (Autonomous), Mumbai will be through the Xaviers Entrance Test, henceforth referred as XET.

11.3.6 The entrance examination applies ONLY to those students applying for the master's degree in the Post-Graduate Department of Biotechnology, St. Xavier's College (Autonomous), Mumbai.

11.3.7 Selection Criteria: The admission for M Sc Biotechnology programme in St. Xavier's College (Autonomous), Mumbai will be based on the merit list derived using the following weightage:

Score obtained in XET -70% weightage. Qualifying BSc examination percentage (SEMESTER V and VI/ SEMESTER V- for those who have not received SEM 6 marks) - 30% weightage. Please note that admission given to the candidate based on SEMESTER V marks alone is PROVISIONAL and contingent on the candidate passing Sem VI and handing the requisite proof once the University/ College declares the result.

11.3.8 For Eligibility/Transfer/Migration Certificates: refer to 9.1.8 on page 76 to 9.1.8 on page 76.

11.3.9 Fees: Refer Table 4.3 on page 24

11.3.10 Syllabi per Semester

Syllabi per Semester Semesters I to III comprise of eleven core Biotechnology courses, 4 elective courses allied to biotechnology, and 7 laboratory courses. Semester IV 5-month Dissertation is completed by the students in research institutes of repute in the country.

11.3.11 M Sc Semester I



Table 11.6: M Sc Biotechnology Semester I Programme Structure

Programme Structure: M Sc Biotechnology Semester I Courses			
Course	Code	Course Title	Credits
1	PSBTY6001CR1	Biomolecular Studies	4
2	PSBTY6002CR1	Fundamentals of Molecular Biology	4
3	PSBTY6003CR1	Essential Techniques in Biotechnology- Lab Course	4
4	PSBTY6004CR1	Molecular Immunology	2
5	PSBOT6001EL1	Nanobiotechnology	4
	PSBTY6002EL1	Plant Biotechnology	
6	PSBTY6002RM1	Introduction to Research Methods	4
Total Credits			22

11.3.12 M Sc Semester II

Table 11.7: M Sc Biotechnology Semester II Programme Structure

Programme Structure: M Sc Biotechnology Semester II Courses			
Course	Code	Course Title	Credits
1	PSBTY6005CR1	Bioinformatics and Computational Biology	4
2	PSBTY6006CR1	Genetic Engineering and Functional Genomics	4
3	PSBTY6007CR1	Animal Cell Technology	4
4	PSBTY6008CR1	Advanced Techniques in Biotechnology Lab Course	2
5	PSBTY6003EL1	Molecular Oncology	4
	PSBTY6004EL1	Quality Management Systems in Biotechnology	
6	PSBTY60010J1	On Job Training	4
Total Credits			22



11.3.13 M Sc Semester III

Table 11.8: M Sc Biotechnology Semester III Programme Structure

Programme Structure: M Sc Biotechnology Semester III Courses			
Course	Code	Course Title	Credits
1	PSBTY6501CR1	Bioprocess Technology	4
2	PSBTY6502CR1	Pharmaceutical Biotechnology	4
3	PSBTY6503CR1	Biotechnology Enterprise	4
4	PSBTY6501RP1	Research Project	6
5	PSBTY6501EL1	Clinical Drug Development	4
	PSBTY6502EL1	Applications of Informatics in Biotechnology	
Total Credits			22

11.3.14 M Sc Biotechnology Semester IV

Table 11.9: M Sc Biotechnology Semester IV Programme Structure

Programme Structure: M Sc Biotechnology Semester IV			
Course	Code	Course Title	Credits
1	PSBTY6502RP1	Research Project with Dissertation	18
2	PSBTY6503EL1	Emerging Trends in Biotechnology	4
Total Credits			22

11.3.15 Facilities of the Department

11.3.15.1 It is well-equipped for teaching Modern Biology. It has an independent Bioinformatics Lab for the students and an in-house Library facility.

11.3.15.2 It has access to the Common Instrumentation Facility with sophisticated instruments to carry out teaching, as well as research, in the biological sciences.

11.3.16 Extracurricular Activities

11.3.16.1 Palindrome: Students publish the Department Magazine, Palindrome', which is a theme-based collation of articles, reviews, and research abstracts.

11.3.16.2 An Industrial Visit is organised to various biotechnology-related industries locally or Interstate for Semester II students

11.4 M Sc (Physics)

11.4.1 Introduction: Astronomy and Astrophysics has always attracted Physics students. There have been tremendous discoveries in recent years which have changed our understanding of the universe. This has been possible due to the ingenious use of information technology and use of satellites for astronomical observations among other developments. With numerous advantages in terms of geographical position on the earth, many research institutes, knowledge, skills and cost-effectiveness, Astronomy and Astrophysics in India have immense potential to emerge as a global key player. In Mumbai, there are many amateur astronomy clubs, but no educational institute offers a master's course at present. To cater to this increasing need for trained professionals, St. Xavier's College (Autonomous), Mumbai, has started the M Sc in Physics (with a specialisation in Astrophysics) programme affiliated to the University of Mumbai from the academic year 2019-20.

11.4.2 Number of Seats: 20 students per year.

11.4.3 Reservation of Seats: refer to 9.1 on page 77



11.4.4 Selection Process: Admission will be on the basis of the C.G.P.A or aggregate marks received at the T.Y.B.Sc. Examination and an interview (which may be conducted online). Short Listed candidates will be called for an interview and final selection will be based on all the criteria. The college reserves the right to make any changes in the admission policy before the process starts.

11.4.5 Eligibility Criteria

11.4.5.1 Bachelor's degree in science with Physics as one of the major subjects at the final year or equivalent from any recognised university.

11.4.5.2 For Eligibility/Transfer/Migration Certificates: refer to 9.1.6 on page 76 to 9.1.8 on page 76

11.4.6 Fees: As sanctioned by the Board of Management, St. Xavier's College: 4.3 on page 24

11.4.7 Syllabi per Semester

11.4.7.1 There will be general physics and astrophysics theory courses (100 marks each) and laboratory courses corresponding to each of them (50 marks each) in the first three semesters. Students will work on an M Sc Thesis or dissertation in the last semester which will be from any Physics or Astrophysics area. For this project work, students can go to several research institutes in the country or can work under the guidance of the in-house faculty. Semester Credit distribution is shown below:

Table 11.10: Physics Credit Structure

Physics Credit Structure								
Level	Sem	Major		RM	OJT,FP	RP	Cum Cr	Degree/Cum Cr
		Mandatory	Elective					
6.0	Sem 1	14	4	4	0	0	22	PG Diploma after TY
	Sem 2	14	4	0	4	0	22	
	Cum Cr	28	8	4	4	0	44	
6.5	Sem 3	16	4	0	0	2	22	PG Degree after TY or After 4th year UG
	Sem 4	0	0	0	0	22	22	
	Cum Cr	12	4	0	0	28	44	
88 credits (2 years) after TY or 44 credits (1 year) after 4th year UG								

11.4.8 M Sc Semester I

Table 11.11: M Sc Physics Semester I Programme Structure

Programme Structure: M Sc Physics Semester I			
Course	Code	Course Title	Credits
1	PSPHY6001CR1	Mathematical Physics	4
2	PSPHY6002CR1	Classical Mechanics	4
3	PSPHY6003CR1	Quantum Mechanics	4
4	PSPHY6004CR1	Nuclear Physics	2
5	PSPHY6001RM1	Research Methodology	4
6	PSPHY6001EL1	Experimental and Numerical Physics	4
		Total Credits	22



11.4.9 M Sc Semester II

Table 11.12: M Sc Physics Semester II Programme Structure

Programme Structure: M Sc Physics Semester II			
Course	Code	Course Title	Credits
1	PSPHY6005CR1	Statistical Mechanics	4
2	PSPHY6006CR1	Electrodynamics	4
3	PSPHY6007CR1	Atomic and Molecular Physics	4
4	PSPHY6008CR1	Solid State Physics	4
5	PSPHY6002EL1	Observational Astronomy and the Solar System	4
6	PSPHY60010J1	Internship	2
Total Credits			22

11.4.10 M Sc Physics Semester III

Table 11.13: M Sc Physics Semester III Programme Structure

Programme Structure: M Sc Physics Semester III			
Course	Code	Course Title	Credits
1	PSPHY6501CR1	Relativistic Transient Astrophysics	4
2	PSPHY6502CR1	Stellar Physics	4
3	PSPHY6503CR1	Astrophysics of Galaxies	4
4	PSPHY6504CR1	Interstellar and Intergalactic Medium	4
5	PSPHY6501EL1	General Relativity and Cosmology	4
	PSPHY6502EL1	Atmospheric Physics	
6	PSPHY6501RP1	Research Proposal for Dissertation	2
Total Credits			22

11.4.11 M Sc Semester IV

Table 11.14: M Sc Physics Semester IV Programme Structure

Programme Structure: M Sc Physics Semester IV			
Course	Code	Course Title	Credits
Dissertation	PSPHY6502RP1	Dissertation	22
Total Credits			22

11.4.12 Resources of the Department

11.4.12.1 Large Labs: There are 5 labs to cater to various research needs.

11.4.12.2 Computer Lab: There is a dedicated computer lab integrated with the Physics lab to take care of the computing needs of our students.

11.4.12.3 Department Library: We have a small department library for the referencing needs of our students.

11.4.12.4 Sophisticated Equipment: We have high-end equipment such as Hall effect apparatus, Photoelectric effect apparatus, Zeeman effect apparatus and a six-inch Telescope with auto tracking for night sky observations.

11.4.12.5 Dedicated Lab Staff: We have a well-trained and dedicated lab staff to help our students.

11.4.13 Co-curricular Activities of the Department



11.4.13.1 The Department organises an exhibition of Physics experiments called 'Jigyasa', to showcase 'Possibilities in Physics' in August.

11.4.13.2 A research seminar 'PROBE' is organised in February every year, where students present their projects as research papers through oral/poster presentations. Students will be taken on a field trip to visit some Astronomy/Astrophysics research institutes.

12. Postgraduate Arts (Unaided) Courses

12.1 Credit Structure of Post Graduate Courses

Table 12.1: All Aided, Economics, Public Policy, AIC PG Credit Structure

All Aided, Economics, Public Policy, AIC PGP Credit Structure								
Level	Sem	Major		RM	OJT,FP	RP	Cum Cr	Degree/Cum Cr
		Mandatory	Elective					
6.0	Sem 1	12	4	4	2	0	22	PG Diploma after TY
	Sem 2	12	4	0	6	0	22	
	Cum Cr	24	8	4.	8	0	44	
6.5	Sem 3	12	4	0	0	6	22	PG Degree after TY or After 4th year UG
	Sem 4	12	4	0	0	6	22	
	Cum Cr	24	8	0	0	12	44	
88 credits (2 years) after TY or 44 credits (1 year) after 4th year UGP								

12.2 M A (Public Policy)

12.2.1 Introduction

As public policy is an integral aspect of governance and routine living; it is necessary for the academic world to critically engage with it. Currently, in India, there is a dearth of post-graduate degree courses in public policy. It is for these reasons that the College launched a multi-disciplinary Master's in Public Policy (MPP) Course in 2013. The course is ideal for Civil Servants, NGO/Development practitioners or those who aspire to join government services; those who aspire to research and publish in the field of Public Policy, especially those who wish to join policy research centres/organisations and those who wish to work in the field of Corporate Social Responsibility; Communications/Media related work around policy issues; consulting for Public Sector.

12.2.2 Number of Seats: 60 Students.

12.2.3 Lecture Timings: Evenings (5 pm to 8 pm); 2 lectures per day, on all working days of the week.

12.2.4 Annual Fees: refer to 4.3 on page 24

12.2.5 Reservation of Seats: Table 9.1 on page 77.

12.2.6 Selection Process

12.2.6.1 Online Application Forms available on the college website from the second half of April. The last date for submission is the third Sunday of May (5 pm IST).

12.2.6.2 Along with the Application Form, the academic exercises announced (as part of the Entrance Exams) for that academic year would have to be uploaded for evaluation.

12.2.6.3 The shortlisted candidates are interviewed (personally or through Video conferencing).

12.2.6.4 Post the interviews, the admissions are finalised.



12.2.7 Eligibility Criteria

12.2.7.1 Students with a bachelor's degree in any faculty or discipline, with a minimum of 50% marks can apply for this course.

12.2.7.2 Candidates who have appeared for their VI semester but have not yet received their Degree results are eligible to apply for admission. Provisional admission would be offered to such admitted students, till the original results are not presented to the College.

12.2.7.3 The Grades awarded by some Universities are converted to percentages according to a formula provided by their respective Universities or by the Association of Indian Universities, New Delhi for foreign students.

12.2.7.4 For Eligibility/Transfer/Migration Certificates: refer to 9.1.6 on page 76 to 9.1.8 on page 76. (Note: Read B.Sc. as B.A. and M.Sc. as M.A.).

12.2.8 M A Semester I

Table 12.2: M A Public Policy Semester I Programme Structure

Programme Structure: M A Public Policy Semester I			
Course	Code	Course Title	Credits
1	PAPPY6001CR1	Public Policy Analysis	4
2	PAPPY6002CR1	Politics of Redistribution	4
3	PAPPY6003CR1	Law and Public Policy	4
4	PAPPY6001RM1	Introduction to Research Methodology	4
5	PAPPY6001EL1	Urban Planning Policy	4
	PAPPY6002EL1	Rural Policy	
6	PAPPY60010J1	Internship	2
Total Credits			22

12.2.9 M A Semester II

Table 12.3: M A Public Policy Semester II Programme Structure

Programme Structure: M A Public Policy Semester II			
Course	Code	Course Title	Credits
1	PAPPY6004CR1	Economy, Society and Public Policy2	4
2	PAPPY6005CR1	Quantitative Methods and Data Analytics	4
3	PAPPY6006CR1	Gender and Public Policy	4
4	PAPPY6003EL1	Environment and Public Policy	4
	PAPPY6004EL1	Health Policy	
5	PAPPY6002FP1	Internship	6
Total Credits			22



12.2.10 M A Semester III

Table 12.4: M A Public Policy Semester III Programme Structure

Programme Structure M A Public Policy Semester III			
Course	Code	Course Title	Credits
1	PAPPY6501CR1	Economic Institutions and Public Policy	4
2	PAPPY6502CR1	Project Planning, Management & Evaluation	4
3	PAPPY6503CR1	Technology and Public Policy	4
4	PAPPY6501EL1	Foreign Policy	4
	PAPPY6502EL1	Globalisation and Labour Policy	
5	PAPPY6501RP1	Dissertation: Proposal & Preliminary Work.	6
Total Credits			22

12.2.11 M A Semester IV

Table 12.5: M A Public Policy Semester IV Programme Structure

Programme Structure: M A Public Policy Semester IV			
Course	Code	Course Title	Credits
1	PAPPY6504CR1	Development & Public Policy	4
2	PAPPY6505CR1	Comparative Public Policy	4
3	PAPPY6506CR1	Ethics & Public Policy	4
4	PAPPY6503EL1	Education Policy	4
	PAPPY6504EL1	Media & Public Policy	
5	PAPPY6502RP1	Dissertation.	6
Total Credits			22

12.3 M A (Economics)

12.3.1 Introduction

Understanding the fundamentals of economic theories and their actual implementation in Public-Private sectors for Rural-Urban setup along with Government Policies is the most crucial part of the study of Economics. The Department of Economics introduces 2-year M A Economics Program (With Specialisation in Urban and Rural Development Strategic Planning) to help students to understand the theoretical, mathematical and practical aspects of policy designing and its impact on important economic parameters.

The Department of Economics has a research centre for Agriculture and Rural Studies (sponsored by RUSA since 2019). The Department of Economics, St. Xavier's College, Mumbai has a full-fledged library as well as CMIE Database.

Department of Economics has worked with various national and international universities and colleges for Faculty-Students Exchange Programs such as Farmer School of Business, University of Miami, USA, St. Xavier's College, Jaipur, St. Xavier's College, Kathmandu, Nepal. Students of the Department of Economics have done internships with the Centre for WTO Studies, New Delhi, RBI, World Bank, Chief Minister,s Office, Government of Maharashtra and MNCs. The Campus placement is remarkably high for students of Economics in Banking, MNCs and the Government Sector.

12.3.2 Selection Process

- Online Registration (<http://www.xaviers.edu>) in May every year.
- Entrance test for all those who register.



12.3.3 Eligibility Criteria: A merit score is calculated as follows:

Entrance test score (60% weightage) + Marks of Semester VI (or V provisional). (40% Weightage).

12.3.4 Fees: Refer to 4.3 on page 24

12.3.5 Seats: 60

12.3.6 M A (Economics) Semester I

Table 12.6: M A Economics Semester I Programme Structure

Programme Structure: M A Economics Semester I			
Course	Code	Course Title	Credits
1	PAEC06001CR1	Microeconomics	4
2	PAEC06002CR1	Macroeconomics	4
3	PAEC06003CR1	Mathematical Economics	4
4	PAEC06001RM1	Research Methodology	4
5	PAEC06001EL1	Financial Economics	4
	PAEC06002EL1	Contemporary Approaches to Economic Thoughts	
6	PAEC060010J1	On Job Training	2
Total Credits			22

12.3.7 M A (Economics) Semester II

Table 12.7: M A Economics Semester II Programme Structure

Programme Structure: M A Economics Semester II			
Course	Code	Course Title	Credits
1	PAEC06001CR1	Public Economics	4
2	PAEC06002CR1	Development Economics	4
3	PAEC06003CR1	Econometrics	4
5	PAEC06003EL1	Understanding Geopolitics in the Contemporary World	4
	PAEC06004EL1	Understanding Dynamics of Labor Economics	
6	PAEC060020J1	On Job Training	2
Total Credits			22

12.3.8 M A (Economics) Semester III

Table 12.8: M A Economics Semester III Programme Structure

Programme Structure: M A Economics Semester III			
Course	Code	Course Title	Credits
1	PAEC06501CR1	Economics of Urbanisation	4
2	PAEC06502CR1	International Economics	4
3	PAEC06503CR1	Economics of Financing the Development	4
4	PAEC06501EL1	Behavioural Economics	4
	PAEC06502EL1	Health Economics (not offered this year)	
5	PAEC06501RP1	Research Project with Dissertation	6
Total Credits			22



12.3.9 M A (Economics) Semester IV

Table 12.9: M A Economics Semester IV Programme Structure

Programme Structure: M A Economics Semester IV			
Course	Code	Course Title	Credits
1	PAECO6504CR1	Economics of Housing	4
2	PAECO6505CR1	Energy Economics	4
3	PAECO6506CR1	Environment Economics	4
4	PAECO6503EL1	Infrastructure Economics	4
	PAECO6504EL1	Game Theory	
5	PAECO6502RP1	Research Project with Dissertation	6
Total Credits			22

12.4 M A (Psychology: Lifespan Counselling)

12.4.1 Introduction: In India, the dearth of mental health professionals is a known concern that ironically goes hand-in-hand with the increasing number of citizens with mental health issues. One factor that contributes to this state of affairs is the lack of opportunities to gain a high-quality education in the field of mental health. To contribute to bridging this gap, the Department of Psychology, St. Xavier's College (Autonomous) has started a master's degree course - M A Psychology: Lifespan Counseling in June 2019. This course has been designed with the primary objective of creating competent mental health practitioners.

12.4.2 Number of seats: The intake is a maximum of 30 students per year.

12.4.3 Reservation of seats: Refer to 4.1.10 on page 22 and 9.1 on page 77.

12.4.4 Selection Process: Admission to the course is merit-based. Eligible students must fill in the online application form and then appear for the entrance examination held on campus. A merit score is then assigned to every student based on 5th semester marks (30%) + marks on the entrance exam (70%)

12.4.5 Eligibility Criteria: Students with a Bachelor's degree in any faculty or discipline having studied at least three Courses in Psychology from a full time, in-person undergraduate course. Courses done as part of diplomas, certificate courses or distance learning courses are not eligible.

12.4.6 Fees: As sanctioned by the Board of Management of St. Xavier's College (Autonomous), Mumbai. refer to 4.3 on page 24

12.4.7 Psychology Credit Structure

Table 12.10: Psychology Credit Structure

Psychology Credit Structure								
Level	Sem	Major		RM	OJT,FP	RP	Cum Cr	Degree/Cum Cr
		Mandatory	Elective					
6.0	Sem 1	14	4	4	0	0	22	PG Diploma after TY
	Sem 2	12	4	0	6	0	22	
	Cum Cr	26	8	4	6	0	44	
6.5	Sem 3	10	4	0	4	4	22	PG Degree after TY or After 4th YUG
	Sem 4	10	4	0	2	6	22	
	Cum Cr	20	8	0	6	10	44	
88 credits (2 years) after TY or 44 credits (1 year) after 4th YUGP								



Table 12.11: M A Psychology Semester I Programme Structure

Programme Structure: M A Psychology Semester I			
Course	Code	Course Title	Credits
1	PAPSY6001CR1	Counselling Process and Skills	4
2	PAPSY6002CR1	Theoretical Approaches to Psychotherapy	4
3	PAPSY6003CR1	Advanced Psychometrics and Test Construction	4
4	PAPSY6004CR1	Cultural Context of Counselling	2
5	PAPSY6001RM1	Research Methods and Statistics in Psychology	4
6	PAPSY6001EL1	Understanding the Neuroscience of Human Behaviour	4
Total Credits			22

12.4.8 M A Semester I

12.4.9 M A Semester II

Table 12.12: M A Psychology Semester II Programme Structure

Programme Structure: M A Psychology Semester II			
Course	Code	Course Title	Credits
1	PAPSY6005CR1	Normal & Abnormal Development in Childhood & Adolescence	4
2	PAPSY6006CR1	Psychotherapy Techniques - 1	4
3	PAPSY6007CR1	Psychological Assessment in Childhood & Adolescence	4
4	PAPSY6002EL1	Counselling Special Groups in Childhood & Adolescence	4
5	PAPSY6001FP1	Fieldwork in Childhood and Adolescence	6
Total Credits			22

12.4.10 M A Semester III

Table 12.13: M A Psychology Semester III Programme Structure

Programme Structure: M A Psychology Semester III			
Course	Code	Course Title	Credits
1	PAPSY6501CR1	Normal and Abnormal Development in Young and Middle Adulthood	4
2	PAPSY6502CR1	Psychotherapeutic Techniques-II	4
3	PAPSY6503CR1	Psychological Assessment in Young and Middle Adulthood	2
4	PAPSY6501EL1	Counselling special groups in Young and Middle Adulthood	4
5	PAPSY6501FP1	Field Project in Young and Middle Adulthood	4
6	PAPSY6501RP1	Research - Dissertation	4
Total Credits			22



12.4.11 M A Semester IV

Table 12.14: M A Psychology Semester IV Programme Structure

Programme Structure: M A Psychology Semester IV			
Course	Code	Course Title	Credits
1	PAPSY6504CR1	Normal and Abnormal Development in Late Adulthood	4
2	PAPSY6505CR1	Psychotherapeutic Techniques III	4
3	PAPSY6506CR1	Psychological Assessment in Late Adulthood	2
4	PAPSY6502EL1	Counseling special groups in Late Adulthood	4
5	PAPSY6502FP1	Field Project in Late Adulthood	2
6	PAPSY6502RP1	Research - Dissertation	6
		Total Credits	22

13. Ph D Programmes

13.1 Ph D Programme Details

13.1.1 Ph D Programmes: The College has Ph D programmes in the following subjects:

13.1.1.1 Science: Biotechnology, Botany, Chemistry, Geology, Life Science & Biochemistry, Microbiology, Physics and Zoology.

13.1.1.2 Arts: Ancient Indian History Culture & Archaeology, Economics, History

13.1.2 Qualifications: M Sc/M A with CSIR/UGC JRF/NET OR Maharashtra SET; OR University of Mumbai – PET

13.1.3 Criteria for Registration: As per procedures laid down by the University of Mumbai.

13.1.4 Admission Procedures: All admissions to the above courses begin only after the qualifying examination (refer to Section 13.1.2) results are declared.

13.1.5 Fees: As directed by the University of Mumbai. Separate Laboratory Fees need to be paid to St.Xavier's College (Autonomous), Mumbai.

13.2 Research Spaces/Facilities

Table 13.1: Research Spaces/Facilities

Research Spaces/Facilities				
Sr.	Subjects	Specialisation	Seats	Sanction No. & Date
1	AIHCA	AIHCA	10	No 7963 dt 7/9/1999 No Th/5910 dt 12/7/1999, Read with No Th/6381 dt 21/9/1988 Permanent Recognition
2	History	History	30	
3	Botany	Botany	20	No Th/ICD/2012-13/2603 dt 30/7/13 Permanent Recognition
4	Chemistry	Chemistry	20	No Th/2057 dt 18/3/1997 Permanent Recognition
5	Geology	Geology	10	Permanent Recognition
6	Life Science & Biochemistry	Life Science Biochemistry	05	Th/ICO/2019-20/2080 dt. 01/08/2019
7	Microbiology	Microbiology	03	Th/ICD/2012-13/005 dt 24/05/2012
8	Zoology	Zoology	04	Th/10635 of 2004 dt. 14/07/2004
9	Biotechnology	Biotechnology	04	RAPC/ICD/2024-2025/64 dated 12.06.2024
10	Physics	Physics	04	RAPC/ICD/2024-25/64 dt 12.06.2024



13.3 Departments' Information

Details of depts. which are eligible for guiding Ph D in St. Xavier's College (Autonomous), Mumbai, as of May 2024:

13.3.1 Department of Botany

13.3.1.1 Recognition as Research Lab: Permanent (under University of Mumbai) - (Blatter Herbarium)

13.3.1.2 Number of Seats: 20

13.3.1.3 Recognised Research Guides (by the University of Mumbai):

1. Prin Dr Rajendra D. Shinde
2. Prof Dr Ms Ujwala Bapat (Hon.)
3. Dr Satnam Singh Sohel (Hon.)
4. Dr Vijaya Lobo

13.3.2 Department of Biotechnology

13.3.2.1 Recognition as Research Lab: under University of Mumbai

13.3.2.2 Number of Seats: 04

13.3.2.3 Recognised Research Guides (by the University of Mumbai):

1. Dr Shiney Peter

13.3.3 Department of Chemistry

13.3.3.1 Recognition as Research Lab: Permanent (under University of Mumbai) - Nadkarny-Sacasa Laboratory)

13.3.3.2 Number of Seats: 20

13.3.3.3 Recognised Research Guide (by the University of Mumbai) :

1. Dr Pralhad Rege
2. Dr Ms Ashma Aggarwal
3. Dr Ms Abhilasha Jain
4. Dr Gomathi Sridhar (Hon.)

13.3.4 Department of Geology

13.3.4.1 Recognition as Research Lab: Permanent (under the University of Mumbai).

13.3.4.2 Number of Seats: 10

13.3.4.3 Recognised Research Guides (by the University of Mumbai):

1. Prof Dr Hrishikesh P. Samant
2. Dr Pravin Henriques
3. Dr Bobby Mathew
4. Dr Ashwin Pundalik

13.3.5 Department of Life Science and Biochemistry

13.3.5.1 Recognition as Research Lab: Permanent (under University of Mumbai)

13.3.5.2 Number of Seats: 05

13.3.5.3 Recognized Research Guide (by University of Mumbai):

1. Prof Dr Ms Priya Sundarajan
2. Dr Prashant Ratnaparkhi (Biochemistry)
3. Dr Sangeeta Shetty



13.3.6 Department of Microbiology

13.3.6.1 Recognition as Research Lab: under the University of Mumbai

13.3.6.2 Number of Seats: 03

13.3.6.3 Recognised Research Guide (by the University of Mumbai):

1. Prof Dr Ms Karuna Gokarn

13.3.7 Physics

13.3.7.1 Recognition as Research Lab: under the University of Mumbai

13.3.7.2 Number of Seats: 04

13.3.7.3 Recognised Research Guide (by the University of Mumbai):

1. Dr Radhekrishna Dubey

13.3.8 Department of Zoology

13.3.8.1 Recognition as Research Lab: Permanent (under University of Mumbai)

13.3.8.2 Number of Seats: 07

13.3.8.3 Recognised Research Guide (by the University of Mumbai):

1. Dr Ms Madhuri S. Hambarde (Hon.)

13.3.9 Department of Ancient Indian History, Culture & Archeology

13.3.9.1 Recognition as Research Centre: Permanent (under University of Mumbai)

13.3.9.2 Number of Seats: 10

13.3.9.3 Recognised Research Guide (by the University of Mumbai):

1. Dr Ms Anita Rane-Kothare

13.3.10 Department of Economics

13.3.10.1 Recognised Research Guide (by the University of Mumbai):

1. Dr Ms Aditi Sawant

13.3.11 Department of English

13.3.11.1 Recognised Research Guide (by the University of Mumbai):

1. Dr Jotiram Gaikwad

13.3.12 Department of History

13.3.12.1 Recognition as Research Centre: Permanent (under University of Mumbai)

13.3.12.2 Number of Seats: 30

14. Short-Term Courses

14.1 PG Diploma in Bioinformatics

14.1.1 Introduction: Bioinformatics has emerged as a field concerned with the storage, manipulation, and extraction of valuable information from Contemporary Biology, intertwined with technology. Bioinformatics research is poised to become one of the fastest-emerging markets in India. To cater to changing trends in biological science research and the incorporation of machine learning, the Diploma in Bioinformatics, a one-year programme, aims to train the young mind with the basics and advanced data analysis methods and tools in biological science. The course will be an advantage and asset for learners intending to be associated with industries as well as research and development in the field of Applied Biology.

14.1.2 Run by: Dept of Biotechnology

14.1.2.1 Duration: The course will run from July to April.

14.1.2.2 Eligibility Criteria:

1. Students who have completed a Bachelor's or Master's Degree in Biological science streams.
2. Students who are currently pursuing M.Sc. I/II year in Biological Sciences (specialisation in subjects of Biotechnology/Microbiology/Biochemistry/Life Science/Botany/Zoology)/B Tech/MTech/B Pharm/M Pharm

14.1.2.3 Course Fees: ₹75,000/- (Payable in two instalments)

14.1.2.4 Number of seats: 30 seats

14.1.3 Curriculum

14.1.3.1 A sixty-five-credit course with 10 modules with theory, practical and project-based learning. The modules will be covered in 2 semesters of 3 - 4 months each.

14.1.3.2 Lectures and Practicals will be held (3 days/week - 3 hours/day) in online mode

14.1.3.3 Modules:

DBI01	Introduction To Bioinformatics	
DBI02	Biological Databases and Data Mining	(1 Credit)
DBI03	Analysis of Biological Sequences	(4 Credits)
DBI04	Biostatistics and Bioinformatics	(10 Credits)
DBI05	Structural Bioinformatics	(6 Credits)
DBI06	Bioinformatics in Drug Designing	(8 credits)
DBI07	Omics in Biology	(8 Credits)
DBI08	Next Generation Sequencing Informatics	(10 Credits)
DB09	Coding for Biologists - Bio-programming	(8 Credits)
DBI10	Project	(10 Credits)

14.1.3.4 Minimum 75% attendance, class participation, submission of regular assignments, and expert-guided method of evaluation are the minimum requirements for the completion of the course.

14.1.3.5 Evaluation: At the end of every module, a written test/practical test or any other mode of evaluation depending on the needs and learning objective specified for the module, will be administered to the students. In addition, lab exercises and assignments submitted during the course will be evaluated. Completion of the guided project by the students on any of the modules and the presentation will also form a part of the evaluation.

14.1.3.6 Contact Person: Dr Ms Norine D'Souza, Asst Prof, PGDBT; Coordinator PG DBI

norine.dsouza@xaviers.edu [Norine D'souza](mailto:norine.dsouza@xaviers.edu);

9819970529.



14.2 PG Diploma in Gemmology

14.2.1 The Gemmology course has been specifically designed for anyone who may be interested in the study of gems and minerals. This three-month course includes theory and practical hands-on training. It covers a wide variety of gems commonly encountered in the gem and jewellery market like Rubies, Sapphires, Amethysts, Topaz, Quartz, Pearls, etc. including some rare gemstones.

14.2.2 Starting from the rough 'mineral' the course goes right up to teaching the fundamental character of gems and the most modern techniques used for their identification. This course is designed for persons interested in jewellery designing, sales professionals, or making one a more confident buyer.

14.2.3 Run by: Dept of Geology

14.2.4 Duration: 3 months

14.2.5 Fees: ₹40,000 + GST

14.2.6 Timings: This is an evening course and classes are held from Monday to Friday for 1½ hour duration. The date of commencement is the end of June.

14.2.7 Contact Details Dr. Pravin Henriques, pravin.henriques@xaviers.edu [Pravin Henriques](mailto:pravin.henriques@xaviers.edu) or College Website <http://www.xaviers.edu>

14.3 PG Diploma in Counselling Psychology (XICP)

14.3.1 Course Objective: This course, offered by the Xavier Institute of Counselling Psychology (XICP) aims to address the dearth of mental health professionals and to equip psychologists with the necessary knowledge and skills to enhance therapeutic counselling. Students, completing the course emerge as well-trained counsellors who can effectively tackle increasing societal stress-related problems.

14.3.2 Run by: Dept of Psychology

14.3.3 Duration: Ten months from July of the current academic year to April of the subsequent academic year (with breaks for Diwali and Christmas).

14.3.4 Eligibility: P G Degree in Psychology, Social Work or Human Development.

14.3.5 Fees: ₹80,240/- including GST.

14.3.6 Number of Seats: 25 students.

14.3.7 Modules: 7 Counselling Psychology Papers (i.e., 21 credits, 15 hrs. per credit):

1. CPP 01 Counselling Skills and Processes
2. CPP 02 Counselling Practicum
3. CPP 03 Development Across the Lifespan and Counselling.
4. CPP 04 Psychopathology
5. CPP 05: Conventional Personality Theories and Therapies
6. CPP 06: Contemporary Personality Theories and Therapies
7. CPP 07 Career Counselling and Practicum.

14.3.8 Lectures: Mondays, Wednesdays and Fridays (4:00 pm to 7:00 pm).

14.3.9 Practicals: There are various practical aspects to the training the students receive outlined as follows:

14.3.9.1 Students have to go through personal counselling themselves during the course.

14.3.9.2 Students undergo a supervised internship including 40 hours of counselling in a school, college, NGO, or any other mental health setup.

14.3.9.3 Students volunteer for approximately 10 hours at an Old Age or Geriatric Care Home.

14.3.9.4 A supervised practicum in career counselling is held in April. Career/Psychometric tests are conducted from 8.00 a.m. to 12.30 p.m. on two days and results are given on the 3rd day. Students have to be at the college from 7:45 a.m. to 3:00 p.m. on both these days to administer the tests and from 8:00 a.m. to 9:00 a.m. on the 3rd day for a report-giving session with the parents and clients.

14.3.10 Course Conceived and Designed by: Fr. Berchmans D'souza S.J., in the year 1992, it was modified by Ms Sujata Abraham and Ms Linda Dhakul.

14.3.11 Director: Dr. (Fr.) Keith D'Souza S.J.



14.3.12 Coordinator: Dr. Noellene Fialho. Phone: +91 9324084592, Email: xicp92@gmail.com **XICP**

14.3.13 Website: <https://sites.google.com/xaviers.edu/xicp/pgcourse>

14.4 PG Diploma in Expressive Arts Therapy

14.4.1 Introduction: The objective of the course is to open up this highly specialised discipline to Indian postgraduates and to develop competent practitioners in the field of Expressive Arts Therapy. The course focuses on equipping participants with a theoretical foundation and hands-on skills, in socially challenging environments within educational and developmental settings and supplementing their existing capacities. Modules will be conducted by internationally certified visiting faculty from across the country. The graduates can represent themselves as Expressive Arts Therapy Practitioners (ExAT-P). To represent as a therapist, a master's degree in this field is required

14.4.2 Run by: Dept of Psychology

14.4.3 Number of Seats: Maximum of 20 students per year.

14.4.4 Eligibility Criteria: Students with a Bachelor's Degree in any faculty or discipline can fill out the online application and there is no age restriction for admission.

14.4.5 Selection Process: Shortlisted eligible students who have filled out the online application form will be called for an experiential and theoretical interview along with submitting an audition video. The merit score is based on: academics, statement of purpose, relevant personal and professional experiences, video score, and interview score. For all applicants, online interviews are held.

14.4.6 Fees: ₹2,38,000/-.

Table 14.1: Diploma in Expressive Arts Semester I

Code	Course Title	Credits
101	Expressive Arts Therapy Theoretical Foundation - I	5
102	Expressive Arts Therapy Skills - I	5
103	Counselling Theories Process and Skills - I	5
104	Fieldwork Orientation and Development	5
105	Research: Design and Methodology	4
	Total	24

Table 14.2: Diploma in Expressive Arts Semester II

Code	Course Title	Credits
201	Expressive Arts Therapy Theoretical Foundation - II	5
202	Expressive Arts Therapy Skills - II	5
203	Counselling Theories Process and Skills -II	5
204	Fieldwork- Practicum	5
205	Research: Paper Submission	4
	Total	24

14.4.7 Semester-wise Syllabi

14.4.8 Credit Distribution: The course consists of 48 credits. Each credit equals 15 hours. Fieldwork orientation and practicum is 180+ hours in two semesters.

14.4.9 Duration of the Course: 1 year

14.4.10 Timing: Semester I - Thursday, Friday Saturday: 2 pm to 8 pm for all courses.

Semester II - Thursday, Friday Saturday.

For courses 201, 202, and 203: 12 pm to 6 pm on the same days.

For courses 204 and 205: timings will vary for 3 months due to fieldwork.

14.4.11 Scheme of Evaluation: For each theory paper, the evaluation is divided as follows: 60 marks per semester per paper and 40 marks per semester per paper: for case studies, presentations, and group facilitation.



14.4.12 Contact Details: Program Head, Ms. Devika Mehta, M.A. (Indian Folk Dance), M.A. Clinical Psychology, M.Sc. (Dance Movement Psychotherapy – UK). Email - devika.mehta@xaviers.edu [Devika Mehta](#)

14.5 Online Diploma in Inter-Religious Traditions

14.5.1 Rationale for the Course: While religion promises to be a rich resource for civic peace and harmony, it has not always been so. While the need for understanding, collaboration, and fecundity between these traditions has always been important, this is felt even more in our age of instant global communication, when conflicts can exacerbate rapidly. There is also a more obvious need for adherents of different faiths to learn more about their faith traditions. Religion needs to be viewed as a rich resource for personal and collective wisdom, freedom, and empathy. It is with this intent that the course in “Inter-Religious Traditions” has been curated. The purpose is to recognise that various traditions have been influenced by a variety of social forces, as well as by other religious and cultural traditions.

14.5.2 Run by: Dept of AIHCA

14.5.3 Duration: From July to February: Contact class hours from July to September and November to February [Weekly 4 hours - Tuesday and Friday, from 5.00 to 7.00 p.m.]

14.5.4 Contact Hours: 96 hours for the Diploma [8 modules of 12 hours each – each module could be offered as a distinct Honours course]

OR: 2 independent Certificate Courses of 48 contact hours each.

OR: 8 independent Modules of 12 contact hours each - each module could be offered as a distinct Honours course for Xavier’s students.

14.5.5 Eligibility : Secondary School Certificate and a good knowledge of English.

14.5.6 Fee Structure:

14.5.6.1 For the Diploma Course:: Xavier’s students: ₹5,000/-; Other students:5,000/- plus GST; General Public/Professionals:10,000/- plus GST; Retired Senior Citizens/Those only auditing the course: 5,000/- plus GST; Foreign participants: 500 Dollars.

14.5.6.2 For each Certificate Course: Xavier’s students: ₹2,500/-; Other students: ₹2,500/- plus GST; General Public/Professionals: ₹5,000/- plus GST; Retired Senior Citizens/Those only auditing the course: ₹2,500/- plus GST; Foreign participants: 250 Dollars.

14.5.6.3 For each Module: Xavier’s students: ₹500/-; Other students: ₹500/- plus GST; General Public/Professionals: ₹1,000/- plus GST; Retired Senior Citizens: ₹500/- plus GST; Foreign participants: 75 Dollars.

14.5.7 Evaluation: based on reflective questions given to the participants.

Diploma: 5 assignments [100 marks] + Final theory exam [100 marks]

Certificate: 3 assignments [100 marks]

Module: 1 assignment [100 marks]

Each assignment should be between 1,000 and 1,200 words

14.5.8 Syllabus:

14.5.8.1 Part One: Certificate in “Inter-Religious Traditions: Astika, Nastika, Bhakti and Sikh Traditions”

Module 1 (12 contact hours): The Phenomenon of Religion

Module 2 (12 contact hours): Vedic Tradition and Orthodox/Astika Philosophy

Module 3 (12 contact hours): Sramana Traditions & Heterodox/Nastika Philosophy

Module 4 (12 contact hours): Bhakti and Sikh traditions

14.5.8.2 Part Two: Certificate in “Inter-Religious Traditions: Zoroastrianism, Judaism, Christianity, Islam, Bahai & Indigenous Traditions”

Module 5 (12 contact hours): Jewish and Christian traditions

Module 6 (12 contact hours): Zoroastrian, Islamic and Bahai traditions

Module 7 (12 contact hours): Indigenous traditions

Module 8 (12 contact hours): Inter-Religious Confluence (Sangam)

14.5.9 Coordinator: Ms. Shilpa Chheda [Heras Institute].

shilpa.chheda@xaviers.edu [Shilpa Chheda](#) and <http://courses.dirs@gmail.com>



14.6 Online Diploma in Comparative and Applied Ethics

14.6.1 Rationale for the Course: Ethics is a fundamentally important aspect of personal and social life. Human beings are endowed with the ability to make practical judgements and decisions concerning realities which transcend the natural or factual order of existence. Such decisions are based on various factors such as inclination, education, insight, convention, influence, conviction and argumentation. The academic field of ethics has traditionally been hosted by the larger discipline of Philosophy, especially in higher educational institutions. However, ethics-especially applied ethics gained prominence in various professional fields such as health care, business, law, scientific research and public policy. The course is designed to facilitate knowledge in both theoretical and practical aspects of ethics.

14.6.2 Run by: Dept of AIHCA

14.6.3 Duration: From July to February [Contact class hours in Aug & Sept, and mid-Nov to Jan: Monday and Thursday, from 5.00 to 7.00 p.m.].

14.6.4 Contact hours: 64 contact hours for the Diploma.

OR: 2 independent Certificate Courses of 32 contact hours each. OR: 4 independent Modules of 16 contact hours each – each module could be offered as a distinct Honours course for Xavier's students.

14.6.5 Fee Structure:

14.6.5.1 For the Diploma Course: Xavier's students: ₹5,000/-; Other students: ₹5,000/- plus GST; General Public/Professionals: ₹10,000/- plus GST; Retired Senior Citizens/Those only auditing the course: ₹5,000/- plus GST; Foreign participants: 800 Euros/960 Dollars.

14.6.5.2 For each Certificate Course: Xavier's students: ₹2,500/-; Other students: ₹2,500/- plus GST; General Public/Professionals: ₹5,000/- plus GST; Retired Senior Citizens/Those only auditing the course: ₹2,500/- plus GST; Foreign participants: 500 Euros/600 Dollars.

14.6.5.3 For each Module: Xavier's students: ₹1,000/-; Other students: ₹1,000/- plus GST; General Public/Professionals: ₹2,000/- plus GST; Retired Senior Citizens: ₹1,000/- plus GST; Foreign participants: 250 Euros/300 Dollars.

14.6.6 Evaluation: based on reflective questions given to the participants.

14.6.6.1 For the Diploma: Per module a reflective assignment of 1000-1200 words; Final synthetic essay of 1000-1200 words.

14.6.6.2 Per Certificate Course: Per module a reflective 1000-1200 words assignment.

14.6.6.3 Per Module: For Honours' students: a reflective 1000-1200 words assignment.

14.6.7 Syllabus

14.6.7.1 Part One: Comparative and Normative Ethics.

Module One: Philosophical and Religious Ethics

Unit One (8 contact hours): Philosophical Ethics

1. Introduction: Ethical perspectives from universalism to relativism
2. Ethics of the Good (teleology) and the Right (deontology)
3. Natural Law and Virtue Ethics
4. Feminist ethics (including Care Ethics)

Unit Two (8 contact hours): Religious Ethics

1. Relationship between religion and ethics
2. Indic ethics
3. West Asian ethics
4. Contemporary ethical issues

Module Two: Social and Cultural Ethics

Unit Three (8 contact hours): Social Ethics

1. Liberal (personalist) ethics
2. Liberationist (collectivist) ethics
3. Socially critical ethics (critical theory)
4. Developmental ethics (capability approach)

Unit Four (8 contact hours): Cultural Ethics

1. Classical, modern and post-modern ethics
2. Ethnocentrism and relativism
3. Cultural domination and assimilation (master-slave ethics: postcolonial and socially hierarchical critique)
4. Art and Ethics

14.6.7.2 Part Two: Applied Ethics.

Module One: Ethics of Science and Bioethics

Unit One (8 contact hours): Ethics of Science and Technology

1. Introduction: social and ethical aspects of science and technology

2. Technology and ethics

3. Cyberethics

4. Environmental ethics

Unit Two (8 contact hours): Bioethics



1. Ethics of medical science
2. Biomedical ethics: birth and death issues
3. Biomedical ethics: other issues
4. Animal rights

3. Compensatory Mechanisms and Punishment in Civil and Criminal Law
4. Social inclusion (minority rights, affirmative action, migration)

Module Two: Legal, Political and Economic Ethics

Unit One (8 contact hours): Legal Ethics

1. Fundamental rights and due process of law (Constitutional morality)
2. Natural Justice and Conflict of interest

Unit Two (8 contact hours): Political and Economic Ethics

1. State and individual: responsibility and accountability
2. Sovereignty and inter-national ethics
3. Business ethics
4. CSR

14.6.8 Coordinator Ms. Shilpa Chheda [Heras Institute].
<http://courses.dirs@gmail.com>

shilpa.chheda@xaviers.edu [Shilpa Chheda](#) and

14.7 Certificate Course in Personal Counselling

14.7.1 Course Objective: This course, offered by the Xavier Institute of Counselling Psychology (XICP) is based on the Carkhuff Model of Counselling. Using simulative, exploratory methods gives the students a chance to introspect and enhance their helping skills aiding them in whatever profession they may be.

14.7.2 Run by: Dept of

14.7.3 Course Conceived and Designed by: Fr. Joaquim Fuster S.J., in the year 1978, it has been modified and updated by Ms. Sujata Abraham and Dr. Noellene Fialho.

14.7.4 Duration: 22 sessions (2hrs each). Held twice a year (Aug to Oct and Jan to Mar).

14.7.5 Timings: Tuesdays and Thursdays (5:00 pm to 7:00 pm).

14.7.6 Eligibility: Higher Secondary School Certificate.

14.7.7 Fees: ₹20,000/- including GST.

14.7.8 Number of Seats: 25 students.

14.7.9 Content: The 22 sessions cover the following content:

- 14.7.9.1 Personal Growth of the Counsellor
- 14.7.9.2 History and Meaning of Counselling
- 14.7.9.3 Role of a Counsellor
- 14.7.9.4 Models of Counselling (Focus on the Carkhuff Model)
- 14.7.9.5 Counselling Skills
- 14.7.9.6 Stages of Counselling

14.7.10 Director: Dr (Fr) Keith D'Souza S.J.

14.7.11 Coordinator: Dr Noellene Fialho, Phone: +91 9324084592

Email: cpc.xaviers@gmail.com [CPC](#)

14.7.12 Website: <https://sites.google.com/xaviers.edu/xicp/personal-counselling-course>

14.8 Online Certificate Course in Forensic Science

14.8.1 Introduction The online program has a primary objective to make quality forensic education easily accessible by:

14.8.1.1 Facilitating distance learning for students interested in forensic science, living in different parts of India, with limited funds and / or access to good college level forensic programs.

14.8.1.2 Providing students interested in careers in forensic science a basic understanding of crime scene-related forensic science practice while studying other subjects at the graduate/postgraduate level.

14.8.1.3 Familiarising law enforcement professionals and law students with a basic understanding of forensic sciences, while allowing them the flexibility of a non-classroom teaching mode.

14.8.2 Administered by: Department of Zoology

14.8.3 Duration: 6 Months



14.8.4 Fees: ₹15,500/- Processing Charges: ₹500/- domestic students); ₹1000/- (international students).

14.8.5 Delivery Mode: Online

14.8.6 Course Content

1. An Introduction to Forensic Science
2. Ethics and Research Methods
3. Understanding the Indian Police and Legal System
4. Crime Scene Processing and Investigation Techniques
5. Forensic Instrumentation Techniques and Applications
6. Impression Evidence
7. Biological Evidence - Types, Handling and Analysis
8. Medical Jurisprudence
9. Role of Forensic Science in Counter-Terrorism
10. Emerging Trends in Forensic Science

14.8.6.1 Assessment Overview: Final examination in the electronic mode

14.8.7 Pre-registration (Online) forms: <https://forms.gle/D5aApdWaT8stxofKA>

14.8.8 Contact Details:

Dr Ms Pushpa Sinkar pushpa.sinkar@xaviers.edu
Ms Riva Pocha riva.pocha@xaviers.edu
Ms Sejal Gupta sejal.gupta@xaviers.edu
Ms Alethea Vaz alethea.vaz@xaviers.edu

14.9 Certificate Course in Environmental Forensics

14.9.1 Introduction

Learning Objectives of the Program:

- Facilitating distance learning for students, living in different parts of India.
- This course is mainly for students or professionals who are interested in applying forensic science to investigating environmental crimes.

14.9.2 Administered by: Department of Zoology and Forensic Science

14.9.3 Duration: 2 months

14.9.4 Fee: Rs. 5000/- (Course Fees) + Rs 500/- (Admission Processing Fees)

14.9.5 Delivery Mode: Hybrid - Distance Learning (90%) and Face-to-Face (10%)

14.9.5.1 Co-ordinator: Dr. Pushpa Sinkar

14.9.6 Facilitator: Ms Sejal Gupta

14.9.7 Faculty Members: Ms. Sejal Gupta

14.9.8 Assessment Method: Unit based assignments, Mock Crime Scene Practical + Final exam

14.9.9 Course Content

SXC-01-Introduction to Environment and Need of Forensic Analysis in Environment Crimes and Crime Scene Investigation

SXC-02- Introduction and analysis of crimes related to water pollution

SXC-03- Introduction and analysis of crimes related to air pollution

SXC-04- Oil Spills Investigation

SXC-05- Introduction and analysis of crimes related to land pollution

SXC-06- Final Assessment Unit

14.9.9.1 Pre-registration (Online) forms: <https://forms.gle/fBDKefdZAzAhGuaDA>

14.9.9.2 Contact Details

Dr Ms Pushpa Sinkar

pushpa.sinkar@xaviers.edu Pushpa Sinkar



Ms Riva Pocha
Ms Sejal Gupta

riva.pocha@xaviers.edu Riva Pocha
sejal.gupta@xaviers.edu Sejal Gupta

14.10 Diploma in Forensic Science and Criminal Law

14.10.1 About the Program: This course has been formulated to provide an introduction and orientation to the functioning of the Indian Criminal Justice delivery system, and the role forensic science plays in this process. The use of case studies, mock crime scenes, and various practicals allows the students to hone the basic skills necessary for investigation. This course is apt for all interested professionals from the fields of Police, Security, Legal Management, Media, and Sociology as well as any citizen or student keen to learn more about forensic science and the law.

14.10.2 Administered by: Department of Zoology and Forensic Science

14.10.3 Duration: One academic year, Part Time, Hybrid Mode of Instruction

14.10.4 Timings: Thursday, Friday, and Saturday from 05:00 pm - 07:00 pm and Practicals 04.00 pm to 07.00 pm on pre-decided dates.

14.10.5 Fees Structure: ₹27,500 (including registration)

14.10.6 Course Content

1. The Basics of Crime Scene Investigation
2. Ethics and Research Methods in Forensic Science
3. The Functioning of the Indian Judicial System: Crime Scene to Court Room
4. Impression Evidence
5. Introduction to Forensic Serology
6. Forensic DNA Analysis
7. Microbial Forensics and Forensic Immunology
8. Forensic Toxicology and Medicine
9. Emerging Trends in Forensic Science
10. Research Case Study and Moot Court

14.10.7 Pre-registration (Online) forms: <https://forms.gle/D5aApdWaT8stxofKA>

14.10.7.1 Contact Details

Dr Ms Pushpa Sinkar
Ms Riva Pocha
Ms Sejal Gupta

pushpa.sinkar@xaviers.edu Pushpa Sinkar
riva.pocha@xaviers.edu Riva Pocha
sejal.gupta@xaviers.edu Sejal Gupta

14.11 Certificate Course in Forensic Biology

14.11.1 Learning Objectives

- Facilitating distance learning for students interested in forensic biology, living in different parts of India, with limited funds and access to good college-level forensic programs.
- Providing students interested in careers in forensic biology with a basic understanding of crime scene-related forensic biology practice while studying other subjects at the graduate/postgraduate level.
- Familiarising law enforcement professionals and law students with a basic understanding of forensic biological concepts, while allowing them the flexibility of a hybrid teaching-learning experience.

14.11.2 Administered by: Department of Zoology

14.11.3 Duration: 6 month

14.11.4 Fee: Rs. 15500/-

14.11.5 Delivery Mode: Hybrid - Distance Learning (90%) and Face-to-Face (10%)

14.11.5.1 Co-ordinator: Dr Pushpa Sinkar

14.11.6 Facilitator: Ms Sejal Gupta



14.11.7 Faculty Members: Ms Sejal Gupta

14.11.8 Assessment Method: Unit based assignments, Mock Crime Scene Practical and Final exam

14.11.9 Syllabus

SXC - 01 - Introduction to Forensic Science & Biological Evidences

SXC - 02 - Understanding Basic Biological Concepts

SXC - 03 - Body fluid Analysis

SXC - 04 - Brief understanding of DNA Analysis

SXC - 05 - Brief understanding of DNA analysis in sexual assaults

SXC - 06 - Wildlife DNA analysis

SXC - 07 - DNA Databasing & DNA Genealogy

SXC - 08 - Forensic Analysis of Micro-organisms and botanical evidence

SXC - 09 - Crime Scene Investigation of a Mock Case Related to Forensic

SXC - 10 - Final Examination

14.11.9.1 Pre-Registration Link: <https://forms.gle/fBDKefdZAzAhGuaDA>

14.11.9.2 Contact Details

Dr Ms Pushpa Sinkar

Ms Riva Pocha

Ms Sejal Gupta

pushpa.sinkar@xaviers.edu Pushpa Sinkar

riva.pocha@xaviers.edu Riva Pocha

sejal.gupta@xaviers.edu Sejal Gupta

14.12 For Courses Conducted by XIC

Please refer to the XIC website: www.xaviercomm.org

15. Faculty

Keys: * = Recognised by Univ. of Mumbai for PG teaching at M A, M Sc, M.Com.

† = As Research Guides for Ph D;

@ = Honorary

NOTE: Names are listed as per Seniority in St Xavier's College (Autonomous), Mumbai-400 001.

15.1 Faculty of Arts

15.1.1 Department of Ancient Indian History, Culture & Archeology

†* Ms Anita Rane-Kothare, M A, Dip. Pali. Ph D	Assoc Prof & Head of Dept.
* Ms Radha Kumar, M A, Ph D	Assoc Prof
Mr Jason Johns, M A, Ph D	Asst Prof (Ad hoc)

15.1.2 Department of Commerce (for Arts)

Ms Suvaiba Pirani, M Com, Ph D	Asst Prof & Prof-in-Charge
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15.1.3 Department of Economics

†* Ms Aditi P. Sawant, M A, Ph D	Assoc Prof & Head of Dept.
Ms Manali Pawar, M A	Asst Prof
Ms Aparna Kulkarni, M A Ph D	Asst Prof
Fr. Vivian Almeida SJ, M A	Asst Prof

15.1.4 Department of English

Ms Rashmi Lee George, M A, Ph D	Asst Prof & Head of Dept.
Ms Prasita Mukherjee, M A, Ph D	Asst Prof
Ms Amrita Shenoy, M A, M. St.	Asst Prof (Ad hoc)

15.1.5 Department of French

Ms Alpana. Palkhiwale, M A	Assoc Prof, Vice Principal (Arts) Prof-in-Charge
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15.1.6 Department of Hindi

Mr Bhagwati Upadhyay, M A, Ph D	Asst Prof & Prof-in-Charge (Ad hoc)
Mr Satish M. Dhobi, M A, Ph D	Asst Prof (Ad hoc)

15.1.7 Department of History

* Mr Avkash D. Jadhav, M A, Ph D	Assoc Prof & Head of Dept.
Mr Arun Singh, M A	Asst Prof (Ad hoc)
Ms Deepika Naik, M A	Asst Prof (Ad hoc)



15.1.8 Department of Political Science

†* Ms Pratiba Naitthani, M A, B Ed, Ph D	Assoc Prof & Head of Dept.
Ms Sukhada Gole, M A	Asst Prof (Ad hoc)
Ms Neha Bhopi, M A	Asst Prof (Ad hoc)

15.1.9 Department of Psychology

Ms Ruby Pavri, M A, B Ed	Assoc Prof & Head of Dept.
Ms Linda Dhakul, M A, B Ed	Asst Prof
Fr. Dean Fernandes SJ, M A	Asst Prof (on leave)
Ms Ruchi Brahmachari, M A, M A (S Illinois, USA)	Asst Prof (Ad hoc)
Ms Devika Mehta, M Sc, M A	Asst Prof (Ad hoc)
Ms Karen Fernandes Almeida, M A	Asst Prof (Ad hoc)
Ms Suman S. Sajnani, M A	Asst Prof (Ad hoc)
Ms Shreya Makhija, M A	Asst Prof (Ad hoc)

15.1.10 Department of Sociology and Anthropology

Ms Pranoti Chirmuley, M A, M Phil, Ph D	Asst Prof & Head of Dept.
Ms Radhika Rani, M A, M Phil	Asst Prof
Ms Ankita Gujar, M A, LL B	Asst Prof
Ms Sahana Sen, M A, Ph D	Asst Prof (Ad hoc)

15.1.11 Department of BA (MCJ)

Ms Akshara Jadhav, M A, PGJMC	Asst Prof & Head of Dept.
Fr. John Mezsia SJ, M A	Asst Prof (Ad hoc)
Ms Sancia D'Souza, M A	Asst Prof (Ad hoc)
Ms Belinda E. Jones, M A	Asst Prof (Ad hoc)

15.1.12 Department of Public Policy

* Mr Agnelo Menezes, M A Ph D	Assoc Prof (Ad hoc)
Ms Nandini Naik, M A, M Phil	Asst Prof
Ms Agrima Bhasin, M A	Asst Prof (Ad hoc)

15.2 Faculty of Science

15.2.1 Department of Botany

* Mr Kevin J. D'Cruz, M Sc	Assoc Prof
†* Prin Mr Rajendra D. Shinde, M Sc, Ph D	Principal, Head of Dept
* Mr Alok Gude, M Sc	Assoc Prof & In-Charge Head
†* Ms Vijaya Lobo, M Sc, Ph D	Asst Prof
Mr Rajdeo Singh, M Sc, Ph D	Asst Prof
Mr Saif Khan, M Sc	Asst Prof (Ad hoc)
Ms Manoshree Mondal, M Sc, Ph D	Asst Prof (Ad hoc)



15.2.2 Department of Chemistry

Mr Marazban S. Kotwal, M Sc	Assoc Prof & Head of Dept.VP (Science)
†* Ms Ashma Aggarwal, M Sc, Ph D	Assoc Prof
Ms Geeta N. Kotian, M Sc, Ph D	Assoc Prof
Ms Saima Khan, M Sc	Asst Prof
* Ms Abhilasha Jain, M Sc, Ph D	Asst Prof
†* Mr Pralhad V. Rege, M Sc, Ph D	Asst Prof
Mr Niraj Bahuguni, M Sc, Ph D	Asst Prof (Ad hoc)
Ms Manik Rathod, M Sc, Ph D	Asst Prof (Ad hoc)
Ms Nikhila Bhat, M Sc, Ph D	Asst Prof (Ad hoc)
Ms Maria Gomes, M Sc	Asst Prof (Ad hoc)

15.2.3 Department of Geology

†* Mr Hrishikesh P. Samant, M Sc, M.Tech, Ph D	Professor & Head of Dept.
†* Mr Pravin Henriques, M Sc, Ph D	Assoc Prof
†* Mr Bobby P. Mathew, M Sc, Ph D	Assoc Prof
†* Mr Ashwin Pundalik, M Sc, Ph D	Asst Prof
* Mr John D'Souza, M Sc	Asst Prof
* Ms Shweta Patil, M Sc, Ph D	Asst Prof
Ms Vaishnavi Salvi, M Sc, B Ed	Asst Prof (Ad hoc)
Mr Tushar P. Adsul, M Sc	Asst Prof (Ad hoc)
Ms Palak N. Shah, M Sc	Asst Prof (Ad hoc)
Ms Murchana Sarmah, M Sc,	Asst Prof (Ad hoc)

15.2.4 Department of Life Science and Biochemistry

†* Mr Prashant S. Ratnaparkhi, M Sc, Ph D	Assoc Prof & Head of Dept.
†* Ms Priya Sundarajan, M Sc, Ph D	Professor
* Ms Sangeeta R. Shetty, M Sc, Ph D	Assoc Prof
Ms Radhika Tendulkar, M Sc, Ph D	Asst Prof
Ms Manasi K. Kanuga, M Sc, Ph D	Asst Prof
Ms Maya S. Murdeshwar, M Sc, Ph D	Asst Prof
Mr Binoj Kutty, M Sc, Ph D	Asst Prof
Mr Bhaskar Saha, M Sc, Ph D	Asst Prof
Ms Sangeetha G, M Sc, Ph D	Asst Prof (Ad hoc)
Ms Reanne Fronteiro, M Sc	Asst Prof (Ad hoc)
Ms Nandini Jha, M Sc	Asst Prof (Ad hoc)

15.2.5 Department of Mathematics

Ms Meenal Kolkar, M Sc, M Phil	Assoc Prof & Head of Dept.
* Mr Ashok Bingi, M Sc, Ph D	Assoc Prof
Mr Aditya Garg, M Sc	Asst Prof
Ms Simi Cyriac, M Sc, B Ed	Asst Prof
Mr Sarvesh Upadhyay, M Sc	Asst Prof (Ad hoc)



15.2.6 Department of Microbiology

* Ms Sangeeta Chavan, M Sc, M Phil, Ph D	Assoc Prof & Head of Dept.
†* Ms Karuna Gokarn, M Sc, Ph D	Professor, Vice Principal (Academics)
* Ms Aparna Shetye, M Sc, Ph D	Asst Prof
* Ms Pampi Chakraborty, M Sc, Ph D	Asst Prof
Mr Kaushik Inamdar, M Sc	Asst Prof (Ad hoc)
Ms Priya Karnik, M Sc	Asst Prof (Ad hoc)
Ms V. Amanda Taffy, M Sc	Asst Prof (Ad hoc)

15.2.7 Department of Physics

Mr Rajesh Singh, M Sc	Asst Prof & Head of Dept.
* Mr Ajay Yadav, M Sc Ph D	Asst Prof
* Mr Rohan Jadhav, M Sc, Ph D	Asst Prof
* Ms Leena Joshi, M Sc, Ph D	Asst Prof
†* Mr Radhekrishna Dubey, M Sc, Ph D	Asst Prof
Ms Katherine Rawlins, M Sc, Ph D	Asst Prof
Mr Manojendu Choudhury, M Sc, Ph D	Asst Prof
Ms Amruta Sadhu M Sc, Ph D	Asst Prof (Ad hoc)

15.2.8 Department of Statistics

* Mr Saju V. George, M Sc, M Phil	Assoc Prof & Head of Dept.
* Ms S. Annapurna, M Sc, DCST, DORM, Ph D	Assoc Prof
* Ms Piyali Unnikrishnan, M Sc	Assoc Prof
Mr Mayur More, M Sc	Asst Prof (Ad hoc)
Mr Omkar Thakur, M Sc	Asst Prof (Ad hoc)
Ms Sumaiya Shaikh, M Sc	Asst Prof (Ad hoc)
Ms Ankita Palshetkar, M Sc	Asst Prof (Ad hoc)

15.2.9 Department of Zoology

Ms Pushpa U. Sinkar, M Sc, Ph D	Assoc Prof & Head of Dept
Mr Conrad Cabral, M Sc	Asst Prof
Ms Sujata Deshpande, M Sc, Ph D	Asst Prof
Mr Harshad Parekar, M Sc	Asst Prof (Ad hoc)

15.2.10 Department of Biotechnology

† Ms Shiney Peter, M Sc, Ph D	Asst Prof & Head of Dept.
† Ms Norine D'Souza, M Sc, Ph D	Asst Prof
Ms Punita Jain, M Sc, Ph D	Asst Prof (Ad hoc)

15.2.11 Department of Information Technology

Mr Thomas Roy, M C A	Asst Prof & Head of Dept.
Mr Subhash Kumar, M C A, M Phil	Asst Prof
Ms Lydia Fernandes, M Sc	Asst Prof
Mr Jojan Mathai, M Sc (IT), Ph D	Asst Prof
Mr Aaron Johns, M Sc	Asst Prof (Ad hoc)

15.3 Faculty of Commerce



15.3.1 Department of Commerce and Accounts

Mr Rajinder Singh Saluja, M Sc, M Phil, LL M	Assoc Prof
†* Mr Arvind Dhond, M Com, M Phil, MFM, PGDFM, Ph D	Professor
* Mr Sanjay Parab, M Com, M Phil, LL M, FCS, Ph D	Assoc Prof VP (Commerce)
Mr Kamaji Bokare, M A, Ph D	Assoc Prof
†* Mr Jotiram J. Gaikwad, M A, M Phil, Ph D	Assoc Prof
Mr Navneet Sangha, M Com, CMA (Inter)	Asst Prof (Ad hoc)
Mr Lloyd Serrao, M Com, LL B, A C S	Asst Prof (Ad hoc)
Mr Vinayak Thool, M Com	Asst Prof (Ad hoc)
Mr Pratik Purohit, M Com, M Phil, PGDFM	Asst Prof (Ad hoc)
Ms Kamalika Ray, M Com PGDBA, EPG	Asst Prof (Ad hoc)

15.3.2 Department of Management Studies

Ms Soni George Tharakan, B Sc, Agri. (Hons), MMS	Asst Prof & Head of Dept.
Ms Neelam Shetty, M Com, PGDBA, M Phil, Ph D	Asst Prof
Mr Pritesh Arte, M Com, LL B	Asst Prof
Ms Massera Patel, M Com, MSS	Asst Prof (Ad hoc)

15.4 Research Departments

15.4.1 Heras Institute of Indian History & Culture

Dr Fr Keith D'Souza, SJ, Ph D	Director
Ms Shilpa Chheda, M A (AIC), M A	Curator and Account Assistant

15.4.2 Blatter Herbarium

†* Prin Dr Rajendra D. Shinde, M Sc, Ph D	Director & Research Guide
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15.4.3 CAIUS Research Laboratory for Interdisciplinary Studies

†* Prof Ms Priya Sundarrajan, M Sc, Ph D	Director & Research Guide
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15.4.4 Nadkarny SACASA Research Laboratory

†* Ms Ashma Aggarwal, M Sc, Ph D	Director & Research Guide
†* Mr Pralhad Rege, M Sc, Ph D	Research Guide

15.5 Department of Inter-Religious Studies

Dr Fr Keith D'Souza, SJ, Ph D	Director
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15.6 Language Laboratory

Ms Jyoti More, M A	Instructor
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16. Non-Teaching Staff

16.1 General Office

1	Mr Peter D'Monte	Registrar	9	Ms Flavia D'Mello	Junior Clerk
2	Mr Achyut B. Joshi	Registrar (Ad hoc)	10	Ms Shainy O. Lopes	Junior Clerk
3	Ms Grizel A. Menezes	Stenographer	11	Ms Delina B. Lopes	Junior Clerk
4	Mr Ashok G. Rambade	Senior Clerk	12	Ms Shivali Mayekar	Office Assistant
5	Mr Bipin B. Patil	Senior Clerk	13	Ms Namrata Naik	Office Assistant
6	Mr Vincent I. Pereira	Senior Clerk	14	Mr Suraj Patil	Office Assistant
7	Ms Supriya R. Saraf	Junior Clerk	15	Mr Sagar Itur	Office Assistant
8	Mr Bharat Hejmadi	Junior Clerk			

16.2 Treasurer's Office

1	Dr (Fr.) Conrad Pessa, SJ	Treasurer	7	Mr Sameer Padrat	Office Assistant
2	Mr Vijayrao Thapala	Superintendent	8	Ms Shweta Jadhav	Office Assistant
3	Mr Dixon F. Colaco	Head Clerk	9	Mr Rocky Vaz	Office Assistant
4	Mr Anand Alphanso	Junior Clerk	10	Ms Snehal Kamat	Office Assistant
5	Mr David Patil	Junior Clerk	11	Ms Rutika Gawade	Office Assistant
6	Mr Ganesh Padrat	Office Assistant			

16.3 Library Staff

1	Ms Sonali Paradkar	I/C Librarian	8	Mr Truman Borges	Library Attendant
2	Mr Vivek Tambe	Assistant Librarian	9	Mr Kishore C. Chaphe	Library Attendant
3	Mr Adinath Raut	Junior Clerk	10	Mr Prakash G. Rambade	Library Attendant
4	Mr Rajaram B. Agre	Library Attendant	11	Mr Deepak S. Chowgule	Library Attendant
5	Mr Peter A. Fernandes	Library Attendant	12	Mr Uttam Jadhav	Library Attendant
6	Mr Lawrence D'Costa	Library Attendant	13	Ms Aishwarya S. Zeple	Library Attendant
7	Mr Julio Pereira	Library Attendant			

16.4 Laboratory Assistants

1	Mr Prakash Dandge	5	Mr Sanjay S. Karambele
2	Mr Elias Joseph Abreo	6	Mr Sandeep Kelwadkar
3	Mr Anthony Thomas	7	Mr Ashwin W. Parmar
4	Mr Glesson Dias		



16.5 Laboratory Attendants

1	Mr Subhash A. Kalekar	12	Mr Agnelo A. Fargose	23	Mr David Foss
2	Mr Prakash Agre	13	Mr Jagdish Guldekar	24	Mr Kishor Arbune
3	Mr Sandeep B. Berde	14	Mr Uddhav E. Patole	25	Mr Nitin Lokhande
4	Mr Chandrakant Chandurkar	15	Mr Dayanand Kumbhar	26	Mr Umesh Chavan
5	Mr Melcome R. Abreu	16	Mr Sandeep P. Pawar	27	Mr Avinash Agre
6	Mr Rajesh N. Athawale	17	Mr Sandeep Rambade	28	Mr Bharat Koli
7	Mr Sanjay S. Geliye	18	Mr Sandip I. Patil	29	Mr Deepak Parit
8	Mr Simon Joseph	19	Mr Uttam Patil	30	Mr Santosh Sangale
9	Mr Iandas Sydney Bangera	20	Mr Sachin Bhure	31	Ms Nikita R. Gawade
10	Mr Sanjay I. Chaudhary	21	Mr Macfedyan Noronha		
11	Mr Sudhakar D. Kolge	22	Mr Kishore Sonavane		

16.6 Peons

1	Mr Sudhakar Gurav	9	Mr Yogesh Inamdar	17	Mr Mahadev Sonule
2	Mr Bajju Solanki	10	Mr Yogesh M. Gade (Comm.)	18	Mr Prabhanjan Gite
3	Mr Cajetan Fernandes	11	Mr Amol Lohar	19	Mr Vipin Prakash Nam
4	Mr Prakash S. Chougule	12	Mr Vaibhav Patil	20	Mr Gangaram Savant
5	Mr Arun Jadhav	13	Mr Uday Mane	21	Mr Siddhesh Pilke (Comm.)
6	Mr Devid S. Ghadge	14	Mr Uttam Ghatkar		
7	Mr Kevin N. D'Souza	15	Mr Rajan Gurav		
8	Mr Avitkumar Mangale	16	Mr Shishir Khedekar		

16.7 Multi-Media Operators/Technicians

1	Mr Deb Shankar Das	2	Mr Francis Kadam	3	Mr Dinesh Mohite
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16.8 Examination Centre

1	Ms Saima Khan	Dy. College Controller of Examination
2	Ms Fiona R. Crasto	Junior Clerk
3	Ms Amrapali Jadhav	Office Assistant

16.9 Knowledge Centre

1	Fr. Fabian Barreto SJ	Director	5	Mr Swapnil Bagwe	Technical Assistant
2	Mr Martin Fernandez	IT Administrator	6	Mr Yogendra Mohite	Technical Assistant
3	Ms Khyati Bhora	Web Designer	7	Mr Mayur Agre	Peon
4	Ms Nilam S. Jadhav	Office Assistant			

16.10 Campus Maintenance Staff

1	Mr Alvin Mendonsa	Administrator
2	Mr Santosh Chavan	Office Attendant
3	Ms Sunita Misquitta	Telephone Operator-Cum-Receptionist
4	Mr Karan Bahadur	Support Staff
5	Mr Ravindra Yadav	Support Staff
6	Mr Kamal Maji	Peon
7	Mr Sanjay Sawant	Electrician
8	Mr Narayan Rambade	Gardener
9	Mr Pravin Waghela	Peon
10	Mr Martin Waghela	Peon
11	Mr George Kudel	Carpenter
12	Mr Bathol Fernandes	Carpenter



16.11 Research Laboratory Support Staff

1	Mr Pravin Kale	Asst. Curator-Blatter Herbarium
2	Mr Prashant Manchekar	Attendant, Caius Lab.
3	Mr Rajesh Mahadik	Attendant, Biotechnology Lab.
4	Mr Melvin Fernandes	Maintenance Engineer
5	Ms Janhavi Jadhav	Assistant - Blatter Herbarium

16.12 Social Involvement Programme Staff

1	Dr Agnelo Menezes	Coordinator
2	Ms Jenipher D'Souza	Social Worker
3	Ms Roshen Thomas	Social Worker

16.13 Hostel

1	Dr Agnelo Menezes	Hostel Management Representative
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16.14 XRCVC and Inclusion Centre

1	Dr Sam Taraporevala	Executive Director
2	Mr Ketan Kothari	Managing Consultant (Programs)
3	Mr Krishna Warriar	Lead Consultant – Awareness (Workshops)
4	Ms Disha Kapadia Chinchwadkar	Lead Consultant – Awareness (Advocacy)
5	Mr Aniket Gupta	Executive Asst. & Manager (Admin & Fin)
6	Mr Keshavan Nadar	Lead Consultant -Assistive Technology(Operations)
7	Mr Vikas Dabholkar	Consultant - Technology
8	Ms Poonam Deokar	Lead Consultant - Inclusive Education
9	Ms Shizanne D'mello	Sr. Consultant – Education
10	Dr Kasturi Arun Kulkarni	Sr. Consultant – Education
11	Mr Manoj P Rajvadiya	Support Staff

16.15 Heras Institute of Indian History and Culture

1	Mr Shannon Mendonca	Asst. Librarian
2	Mr Roshan D'Souza	Peon

16.16 Indian Music Group

1	Ms Luiza Albuquerque	Office Assistant
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16.17 Xavier's Development Programme

1	Dr (Fr.) Keith D'Souza SJ	Director
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16.18 Documentation Centre

1.	Mr Parag Thinge	Documentation Office
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17. General Rules & Quality Mechanisms

17.1 Introduction

For St. Xavier's College, like any other Jesuit Institution, discipline goes beyond the mere adherence to rules and regulations. Discipline is looked upon to inculcate into one's being the spirit of integrity and academic honesty, respect for the dignity and rights of individuals, and deference for public and personal property. The College Discipline Committee along with every Staff member of the College is expected to contribute to the cultivation of such a disciplined spirit within the campus. Thus, staff members, on noticing disciplinary infringements, are authorised to intervene and take appropriate action in consultation with the Committee and the Principal. To ensure such a discipline environment the College has put in place Rules & Regulations.

17.2 Regulations on RAGGING and SUBSTANCE Abuse

17.2.1 Ragging, of whatever kind, is strictly forbidden and will result in the dismissal of the student who rags, even if the act is committed outside the college campus. As per a Supreme Court order dated May 2007, the College authorities may also file an F.I.R. with the police, if a case of ragging is reported/detected.

17.2.2 The possession and/or consumption of drugs, cigarettes, or alcohol on campus will lead to immediate suspension or dismissal of that student - at the discretion of the Principal. Physical violence also attracts the same penalty. In both cases, the College may file an F.I.R. with the police.

17.3 College I-Card

17.3.1 Every student of this College must display the college-issued I-Card at the point of entry and whenever on the college campus.

17.3.2 The Principal or any of the Vice-Principals will levy a fine of ₹. 200 (which will go towards the Students' Beneficiary Fund - SBF) on any student found without the I-Card being aptly displayed, while on campus.

17.3.3 The use of another student's I-Card and lending of an I-Card to another student is unacceptable and will attract suspension from the College.

17.3.4 If the college-issued I-Card is lost, the student must register the loss with the Mumbai Police. Only against the Police Certificate, the student will be issued a temporary I-Card (for 15 days). After the lapse of 15 days, a proper duplicate I-Card will be issued (provided that there are more than 2 months of the concerned academic year remaining). The student would have to pay ₹100 for the temporary I-Card and or ₹500 for the duplicate I-Card - this money will go towards the SBF.

17.4 Use of Facilities

17.4.1 Decorum in the Academic Environs

17.4.1.1 Students should not disturb ongoing lectures if they arrive early for their lecture while walking in the corridors when lectures are on, or while they await the lecturer in the classroom.

17.4.1.2 Maintenance of classroom cleanliness is the responsibility of students who occupy those spaces. They are expected to inform the College Administrative Office if the classroom is untidy when they enter it.

17.4.1.3 Switching off the classroom lights and fans when not in use is a good green practice that all classroom users should follow.



17.4.2 In the College Laboratories students are expected to closely follow the instructions of the Staff-in-Charge. Strict action will be taken against those who flout the Laboratory Rules.

17.4.3 The Class Notice-Boards / College Website must be visited by every student on every working day to check for notices and updates. The onus of updating one's self vis-à-vis the notices rests on the students.

17.4.4 In the Canteen, students are expected to return the used plates and cutlery to the basket kept for that purpose. Similarly, used paper cups and plates and empty packets and bottles should be dumped into the (Red coloured) bins kept for that purpose. Keeping the Canteen clean and tidy (and so hygienic) is also the responsibility of the students. Wasting food should be avoided.

17.4.5 Spaces for the Consumption of Eatables and Beverages are limited to the Canteen, the 'Woods', and the Students' Common Rooms. This is needed to ensure that ants, rats, and other pests are not attracted to the academic and administrative spaces of the campus. This would not only render the campus safe and healthy but also clean and tidy.

17.4.6 The College Gym is available to all students during the time announced by the Sports Director. Those using the gym facilities are urged to use them properly. Eatables are prohibited in the gym. Students are encouraged to participate in the various sports tournaments that the college organises. The College Library is a place of study and research. Refer to [17.13 on the following page](#) for the Library Rules.

17.4.7 Students' Common Rooms must be kept tidy to be pleasant to be in. The Students' Lockers have to be hired through the Treasurer's Office and then used appropriately and handled with care. The Common Rooms are kept closed on Sundays and holidays.

17.4.8 Toilets are expected to be used hygienically. Users are expected to shut the taps after use as well as if they find them left open or dripping. It would save an important natural resource if such leakages were reported to the College Infrastructure Committee or Administrative Office.

17.5 Use of Unfair Means at Exams

If a student is detected using unfair means or is found in possession of a mobile/electronic gadget or is found within reach of material about the test/exam, then the student will have to face the Unfair Means Committee constituted by the College. If the Committee finds the individual guilty, students will be given zero marks for that specific course or all the exams of the concerned semester. Even those found abetting such behaviour will be given a similar penalty. Also, refer to [17.6.4](#).

17.6 Mobile Phones and Other Electronic Gadgets

17.6.1 The use of mobile phones and other electronic gadgets for any purpose during lectures and practicals is not allowed unless the lecturer has permitted the use of such gadgets for the lecture/discussion.

17.6.2 It is advisable that during lectures, such gadgets are kept in one's bag/pocket and not on/in the desk - this would minimise the possibility of losing these gadgets. If a student is found using these gadgets during lectures his/her IDC is confiscated and given to the Principal/Vice-Principal for further action (including a fine of ₹100/infringement).

17.6.3 If a student reports the loss of such gadgets on campus, that student would be advised to file a case of theft with the Police. However, if a lost gadget is found and given to the Principal, then the student would have to pay a fine (₹100) to get repossession of that item.

17.6.4 Students cannot wear smartwatches during any examination. If a student is found with any electronic gadget (except a non-programmable calculator) during an examination, a student will be immediately reported. However, a student will be given a new answer booklet and permitted to continue with the said exam. Subsequently, the student will be required to appear before the Unfair Means Committee of the College.

17.7 College/Department Fests/Programmes

College/Department Fests/Programmes have to be organised and executed under the supervision of either the Staff Committee appointed by the Principal or a faculty from the concerned department. The Principal must be kept informed about the content of these activities.



17.8 Women Students

Women Students should not remain on the College premises after 9.00 p.m. unless they are attending evening courses in the Commerce Section or in the other Institutes on campus or have explicit permission from the Principal to do so.

17.9 The Right to Dissent and Right to Resolve Conflict

The Right to Dissent and Right to Resolve Conflict through discussion and reason are acceptable means of protest. All protests should be routed through the Students' Council and should be governed by the Constitution of that Council. It is the Principal who ultimately decides if a protest flouts the College discipline.

17.10 Dress Code

Students are expected to wear clothes that contribute to the academic atmosphere necessary on an Indian College Campus. Accordingly, sleeveless or short tops, as well as short dresses, shorts & ripped jeans are considered inappropriate. Defaulters will be sent home.

17.11 Class Picnics

Class Picnics or outings are not permitted by the College at all. Parents are therefore warned that the College authorities do not assume any responsibility for picnics or outings organised by students on their own or by teachers in their personal capacity.

17.12 Undertakings

At the time of admission, every student signs a declaration, on his/her Admission Form, that he /she will abide by all the Rules and Regulations of the College and will accept the decision of the Principal, in all matters, as final. He / She will also give an undertaking to accept the College Rules under Autonomy.

17.13 Library Rules

17.13.1 The College Library is open from 9.00 a.m. to 8.00 p.m. (Monday through Friday) and from 9.00 a.m. to 5.00 p.m. (Saturday) during the term. Vacation timings are different.

17.13.2 While making use of the Library, students are required to wear their identity card on their person at all times.

17.13.3 All library services are provided only against valid Library Cards. Students are required to report the loss of a book immediately to the Librarian in writing.

17.13.4 No books or periodicals can be removed from the Library unless the loan has been registered at the Loan Counter.

17.13.5 Readers must, on receiving a book, examine it, and report to the Library Assistant any damage found therein. If they fail to do so, they will be held responsible for any damage that may be detected later by the Library authorities.

17.13.6 Books lost, damaged, or defaced, must be paid for by the reader in whose name they were issued. The value of the books will be determined by the Librarian.

17.13.7 All loans must be returned by the due date (or time). Overdue charges will be imposed on all books not returned in time. Students who repeatedly fail to return books on time may be denied the use of the Library's Lending Facility.

17.13.8 All books must be returned on or before the last date of the academic year or the last date of the examination of the student, whichever is later.

17.13.8.1 Students, who fail to return books borrowed from the Library at least one week before the declaration of results, will be declared as 'Library Defaulters' and their results will be withheld until they get clearance from the Library.

17.13.8.2 The Librarian reserves the right to recall any book or periodical at any time.

17.13.8.3 To ensure that the Library is kept tidy all the time, furniture must not be re-arranged and must be used only for its proper purpose.

17.13.8.4 Eating and drinking of beverages is forbidden in the Library.



- 17.13.8.5** For library access as visitors, please contact the College Librarian.
- 17.13.8.6** Silence should be observed in the Library at all times.
- 17.13.8.7** Disregard of Library Rules, indiscipline and misbehaviour will render students liable to be refused access to the Library altogether.

17.14 Quality Mechanisms and Best Practices

17.14.1 St Xavier's College, over the years and especially under autonomy, has developed and adopted certain quality mechanisms and best practices to enhance teaching-learning processes and bench-mark them to global academic standards. Following are highlights of the Best Practices of the College:

- 17.14.1.1** Annual syllabi review as well as the Question Papers (CIAs and ESE) is undertaken by the Department Faculty and its External Experts from the Board of Studies.
- 17.14.1.2** The use of ICT in the teaching-learning process with the use of LCD facilities in all classrooms is encouraged.
- 17.14.1.3** To make the lectures participative, the use of the Constructionist Ideology of Education and not the Banking Philosophy of Education is followed.
- 17.14.1.4** Special efforts are undertaken at Inclusive Education through the XRCVC, a disabled-friendly campus, sensitisation of faculty to the needs of slow learners, and scholarships for the disadvantaged through the Student Beneficiary Fund. Study packs of essential readings, drawn from different sources are created, to cover the syllabus along with guided and critical study of these and further reference work.
- 17.14.1.5** A 3-credit Cross Faculty Course is made obligatory for all students to encourage interdisciplinary learning.
- 17.14.1.6** The use of Bloom's Taxonomy to evaluate Learning Objectives for the Teaching - Learning Process and for Question Paper Setting is practised.
- 17.14.1.7** To ensure objective criteria for assessment, pre-announced Presentation / Assignment Evaluation Grids are used.
- 17.14.1.8** To ensure fairness in assessment Barcoding/Masking of Answer Papers before the assessment process begins is followed. Moderation of assessed papers through External Examiners or Double-Blind Evaluation is also practiced.
- 17.14.1.9** To offer feedback to students on their performance their assessed answer papers are displayed to them. Students are also allowed to have a photocopy of the assessed answer paper and/or challenge the evaluation of the assessed paper through the proper procedure.
- 17.14.1.10** To get regular student feedback about faculty on the teaching-learning process the Teacher Assessment Questionnaire (TAQ) is administered.
- 17.14.1.11** To enable new faculty to settle in-house orientation programmes for them are organized and they are also offered faculty mentorship as well as sit-ins during their lectures by the HoD.

17.15 Enquiry and Project-Based Learning Processes

- 17.15.1** The Honours Programme (HP) is conducted for academically better students. The HP consists of 7 extra credits, earned over the 3 years, including an introduction to research. Relevant courses are also conducted under the Learning for Life Programme.
- 17.15.2** Field Trips, industrial visits, and guest lectures are organised to make academics more experiential, and inquiry-based. Students are encouraged to take up Summer Internships / Projects to experience industry and corporate entities in the real world.
- 17.15.3** Annual Department Seminars (usually at the College Khandala Villa) are organized to help students build their confidence and skills in making academic presentations.
- 17.15.4** Annual thematic Department Journals are published containing students' articles. This helps in exposing students to writing research papers and even handling editorial tasks.
- 17.15.5** Regular Faculty Seminars and Workshops are organised to upgrade the pedagogical skills of the Faculty and thus help them to evolve better methods and processes of teaching and learning.
- 17.15.6** To support research among Faculty, the College offers them help in applying for State, Central Government, UGC, and University funding for Minor and Major Research Projects. Faculty members are also encouraged to participate



in Conferences and to serve as Resource Persons in other institutions.

17.15.7 Infrastructural support in the form of research facilities like the Heras Institute, Blatter Herbarium, NSRL, and Caius are made available to faculty members.

17.15.8 The practice of following Laboratory-Safety Guidelines as well as Biosafety Guidelines for Microbiological work in the College is obligatory. The latter guidelines have been compiled by the Department of Microbiology and passed through the Bioscience Faculty involved in research and the members of the Institutional Biosafety Committee (IBSC) of the college.

17.15.9 The College publishes 'Xplore', the annual peer-reviewed Research Journal by the Faculty to promote the research culture among faculty members.

17.16 Soft Skill Development and Collateral Programmes

17.16.1 The mandatory Social Involvement Programme exposes students to social realities thereby provoking in them a consciousness to serve society.

17.16.2 Language and soft skills are developed through the Language Lab, the special communication skills courses, presentations as part of CIA, and through participation in extracurricular activities.

17.16.3 The College has a Counselling Centre for Aptitude Testing, Career Guidance, and Personal Counselling of students and parents.

17.16.4 Students are mentored by Faculty, in the groups assigned to each of the faculty members.

17.16.5 The Placement Cell of the College trains students in the soft skills needed for applications and interviews and facilitates interaction with the corporate world for internships and final placements.

17.16.6 International programmes are offered to expand the horizons of the Faculty and Students. By admitting foreign students to courses on the Campus cultural diversity is enhanced. Parent interactions are encouraged on a routine basis (through the Internet or personally) or at the annual Parent-Teacher Meeting.

17.17 Annual Theme

Synergising Collaboration: The African philosophy of Ubuntu reminds us that 'I am because you are, you are because we are'. It means interdependence and interconnectedness. Our theme "Synergising Collaboration" is similar to Ubuntu, bolstering the amalgamation of diverse talents, perspectives and resources to achieve a common goal. Collaborative collective overflows with the potential to accomplish lofty feats. Synergising collaboration will enable in fostering creativity and problem-solving skills. It will fortify an ecosystem built on the edifice of healthy communication and mutual respect. Synergizing collaboration is the most efficacious pathway towards building up an integral, inclusive and participatory academic and civic community.

18. Academic Calendar 2024 - 25

ODD SEMESTER 2024– 2025

JUNE 2024	
Monday, 10th	College Reopens, Meeting of Teaching Faculty with Principal
Tuesday, 11th	9 am Holy Eucharist Service (Mass) – College Hall, 10.00 am Classes for SY & TY begin
Monday, 17th.	Bakri Eid -Public Holiday
Friday, 21st	International Yoga Day - ECC
Saturday, 22nd	Graduation Day – Non-instructional working day
JULY 2024	
Monday, 1st	Orientation F.Y.B.A, 9.30 am – 12 pm - Hall, F.Y.B.Sc. 2 pm to 4.30 pm – Hall
Tuesday, 2nd	FY Orientation BScIT, BMS, BAMCJ, BAF - 9.30 am to 12 pm - Hall, BCom 2 pm to 4.30 pm - Hall
Wednesday, 3rd	PG-1 Orientation MA and MSc 9.30 am to 12 pm - Hall
Thursday, 4th	9 am Holy Eucharist Service (Mass) – College Hall, 10.00 am Classes commence for all FY and PG-1
Wednesday, 17th	Moharram-Public Holiday
Thursday, 18th	CIA-1 for SY, TY, PG-2 upto 24th
Wednesday, 31st	Feast of St. Ignatius of Loyola & College Day Program
AUGUST 2024	
Thursday 15th	Independence Day, Parsi New Year and, Elimination round for Malhar-2024
Fri-Sat 16 – 17th	Malhar -2024
Sunday 18th	College Clean-Up
Thursday, 22nd	Probable FY and PG-1 CIA upto 29th - Date will be confirmed later
SEPTEMBER 2024	
Fri-Thu, 30th	CIA-2: SY, TY and PG-2 upto 5 September (Lectures continue)
Saturday 7th	Ganesh Chaturthi Holidays upto 11th
Saturday, 14th	All extracurricular activities are closed for the semester.
Monday, 16th	Id-E-Milad – Public Holiday
Tuesday, 17th	Anant Chaturdashi – Public Holiday
OCTOBER 2024	
Tuesday, 1st	ESE Practical Exams commence up to ; Lectures continue.
Wednesday, 2nd	Mahatma Gandhi Jayanti - Public Holiday
Wednesday, 9th	ESE Practical Exams end & Last day of teaching
Thu-Fri, 10-11th	Pre-ESE Preparation and doubt solving for students.
Saturday, 12th	Dussehra - Public Holiday
Monday, 14	ESE for FY, SY, TY, PG-1 and PG-2 upto 26th
Monday 28th	Additional Exams Commence starts
Monday, 28th	Diwali Vacations upto 16th November

***FY Orientation dates are SUBJECT TO CHANGE AS PER THE GOVT NOTIFICATION AND ADMISSION COMPLETION after CBSC and ISC results. FOR FINAL ORIENTATION DATES: Please check the website regularly. The calendar is tentative. The college reserves the right to change the schedule without any prior notice. Exams may get postponed due to unforeseen circumstances, unexpected calamities, public protests, strikes etc. You are advised to plan your vacation, keeping unscheduled and unexpected postponements. The college does not take any responsibility for such delays/postponements.



EVEN SEMESTER 2024– 2025

NOVEMBER 2024	
Friday, 15th	Guru Nanak Jayanti
Monday 18th	College reopens (Even Semester) - Lectures begin for all
Wed-Thu 20-21st	Moderation for Odd Semester
Fri-Sat 22-23rd	Display of papers
Saturday, 30th	College Sports Day
DECEMBER 2024	
Tuesday, 3rd	Feast of St. Francis Xavier and Traditional Day
Monday 16th	CIA-1 for all classes upto 23rd
Saturday, 21st	Annual Alumni Dinner-2024
Wed-Wed, 25th	Christmas Holiday, Christmas Vacations upto 1st January
JANUARY 2025	
Thursday 2nd	College reopens - Lectures begin for all
Saturday 18th	Parent-teaching meeting (Subject to change, please refer to our website)
Sat-Sun 25-26th	IMG Jan Fest
Sunday, 26th	Republic Day celebration
FEBRUARY 2025	
Monday, 10	CIA-2 upto 17th (Lectures continue)
Wednesday, 19th	Shivaji Jayanti Holiday
Wednesday, 26th	Mahashivaratri- Public Holiday
Friday, 28th	Science Day celebration, All extra-curricular activities closed
MARCH 2025	
Monday, 3rd	ESE Practical Exams upto 15th - Lectures Continue
Friday, 14th	Holi Holiday
Saturday, 15th	Last day of teaching
Monday, 17th	Pre-ESE Preparation leave for students upto 19th
Thu-Fri, 20th	End Semester Examination upto 4th April
Sunday, 30th	Gudi Padwa
Monday, 31st	Ramzan-Id (Id-Ul Fitr) - Public Holiday
APRIL 2025	
Sunday, 6th	Ram Navami - Public Holiday
Monday, 7th	Additional ESE starts
Thursday, 10th	Mahavir Jayanti - Public Holiday
Monday, 14th	Dr. Babasaheb Ambedkar Jayanti
Friday, 18th	Good Friday
Mon - Tue 21- 22nd	Moderation days
Wed-Thu, 23-24th	Display of papers
Wednesday, 30th	Principal's meeting with teaching faculty

Thursday, May, 1st Maharashtra Day Celebration

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19. College Student Achievers 2023 - 24

Bachelor of Arts (Single Major)		
1	B. A. (AIHCA)	Saayali Vikrant Patil
2	B. A. (Economics)	Manasi Gawali
3	B. A. (English)	Monteiro Leah Melvyn
4	B. A. (History)	Yash Sameer Deshpande
		Yvette Francis
5	B. A. (Psychology)	Kadam Khushee Santosh
6	B. A. (Political Science)	Soni Kashak Viresh
7	B. A. (Sociology)	Justin Jacob
8	B. A. (MCJ) - Advertising	Delisha Lobo
9	B. A. (MCJ) - Journalism	Jennifer Padathukatil

Bachelor of Arts (Double Major)		
1	B. A. (Economics - Commerce)	Mehul Jain
2	B. A. (Economics - Statistics)	Aaria Pandey
3	B. A. (Economics - Sociology)	Gia Alvares
4	B. A. (Psychology - Anthropology)	Tanishka Muzumdar
5	B. A. (Psychology - English)	Jeslin Jacob
6	B. A. (Psychology - Sociology)	Ishika Kholam
7	B. A. (Sociology - Anthropology)	Alexander Shawn Simon

Bachelor of Science (Single Major)		
1	B. Sc. (Chemistry)	Samriddha Biswas
2	B. Sc. (Geology)	Nandana Manu
3	B. Sc. (Life Science)	Gargi Marathe
4	B. Sc. (Biotechnology)	
5	B. Sc. (Mathematics)	Dhruv Shah
6	B. Sc. (Physics)	Rianna Jamdar
7	B. Sc. (Statistics)	Prem Jain
8	B. Sc. (Information Technology)	Aarushi Parida

Bachelor of Science (Double Major)		
1	B. Sc. (Botany - Zoology)	Aneesha Sreekanth
2	B. Sc. (Life Science - Biochemistry)	Riya Bahl
3	B. Sc. (Microbiology - Biochemistry)	Souptika Das
4	B. Sc. (Zoology - Biochemistry)	Jessica Lobo



Bachelor of Commerce or Management

1	B. Com.	Mahek Garg
2	BMS	Tanamay Banka

Post Graduate in Arts

1	M. A. (AIHCA)	Ruchira Sarma
2	M. A. (Economics)	Ketaki Samel
3	M. A. (Psychology)	Sanya Pathare
4	M. A. (Public Policy)	Sherina Poyyail

Post Graduate in Sciences

1	M. Sc. (Botany)	Sandra Cyriac
2	M. Sc. (Geology)	Sara Jayade
3	M. Sc. (Life Science)	Avani Dave
4	M. Sc. (Microbiology)	Janhavi Phadke
5	M. Sc. (Physics)	Mariyam Karari
6	M. Sc. (Biotechnology)	Shilpa Sivasdas
7	M. Sc. (Big Data Analysis)	Lakshit Gupta