



St. Xavier's College
(Autonomous) Ahmedabad

SXCA

PROSPECTUS 2023-24





Rallying Cry

“ Learn and Relearn
Search and Research
Reach and Reachout ”



WELCOME TO ST. XAVIERS, AHMEDABADI.

St. Xavier's College, Ahmedabad (SXCA) was established in the year 1955 as an Arts college with 250 students. Since then, the College has gradually risen to be an eminent college in Gujarat offering programs in Arts, Science, Computer Science, and Commerce.

The College, a minority Institution, managed by the Society of Jesus, is rooted in the 500+ years old Ignatian pedagogy. It is a heritage of educating and caring for the whole person, preparing students to become persons for and with others, with well-developed minds, generous hearts, and reflective souls that find essence in all things. It focuses on making people agents of change who work for an inclusive, equitable, and human world.

SXCA was the first institution in Gujarat to opt for NAAC accreditation and was rated as a "Five Star College" in 2001. In the subsequent cycles, the College was awarded A+ in 2007; 'A' grade (3.41 out of 4 CGPA score) in 2013, and 'A+' (3.27 out of 4 CGPA) in 2022. The College has also been conferred special status like 'College with Potential for Excellence' (CPE) in 2008 by UGC, and 'Star College' by DBT in 2009. The College has been consistently taking part in the NIRF ranking by the MoE and was ranked at the 52nd position in the country in June 2022. St. Xavier's College, Ahmedabad has always been awarded five – Star rating by GSIRF since 2018. India Today has been

consistently ranking Xavier's as the best College in Gujarat and among the top 50 colleges in India.

The College has been autonomous since 2014 and also holds the privilege of being the first college under its parent University to have been granted the autonomous status. Autonomy provides academic freedom to the College to design its own curriculum and assessment methods, with the final degree being provided by the Gujarat University.

The ultimate goal of the College is to strike the right balance between excellence and inclusion, discipline and creativity, competitiveness and compassion, complexity and ingenuity, nano world and macro realities, fostering hope and critical approaches, self-development and concern for the common good. Thus, St Xavier's College, Ahmedabad effectively serves the student, nation, and world.



WHO'S WHO @ XAVIER'S

BOARD OF TRUSTEES

(The Ahmedabad St. Xavier's College Society)



**Fr Durai
Fernand, S.J.
(Ex-officio)**
President



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Pitchai, S. J.
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**Dr (Fr) Sunil
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Vice Principal-
Arts



**Dr (Fr) Johnson
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Vice principal-SF



**Dr (Fr) Suresh
Antony, S.J.**
Vice Principal,
Research &
Development and
HR



**Dr (Fr) David
Roy, S.J.**
Admission
Director



**Fr. Darrel
Velloz , S.J.**
Campus Ministry
& Student
Counsellor

MANAGING COUNCIL



**Dr (Fr) Vinayak
Jadav, S.J.**
Principal



**Dr. Mallika
Sanyal**
Vice Principal,
Science



**Dr (Fr) Sunil
Macwan, S.J.**
Vice Principal,
Arts



**Dr (Fr) Johnson
M., S.J.**
Vice Principal, SF



**Dr (Fr) Suresh
Antony, S.J.**
Vice Principal,
Research &
Development and
HR



**Dr. Nirmal
Desai**
Controller of
Examinations



Dr. Rajesh Iyer
NEP Nodal Officer

GENERAL OFFICIALS



**Mr Agnelo
Gonsalves**
Office
Superintendent



**Ms. Deesha
Khetani**
Coordinator of
Extra-curricular
(Cultural) activities



Dr Atman Shah
Coordinator of
NSS



**Dr Vijaysinh
Padheriya**
Director of Sports



**Mr. Vijaysinh
Dhandhukiya
(Navy)**
Associate NCC
Officers



**Dr. Kirtan
Parmar (Air
Force)**
Associate NCC
Officers



**Dr Ishwar
Mehra**
Coordinator of
JAGRAT (Equal
Opportunity Cell)



Dr Arti Oza
Coordinator of
Women's Cell
(CWDC & POSH)



Dr Urvi Chhaya
Coordinator of
Placement and
Training



**Sr. Mary
James, SCJ**
Campus Ministry
& Student
Counsellor



**Fr. Darrel
Velloz, S.J.**
Campus Ministry
& Student
Counsellor



**Dr (Fr) Sunil
Macwan, S.J.**
Hostel Rector
(MEN'S)



**Sr Lincy
Augustine, CCV**
Hostel Rector
(LADIES)





Vision

To build a more inclusive and humane society by accompanying the youth journeying through higher education; to inspire them to deepen their self-understanding, to develop a critical understanding of reality and a passion for the common good; to become sensitive to the poor, vulnerable and take care of the environment.

Mission

To provide access to excellence in academics, research and service learning to all strata of society with special attention to marginalized groups, discriminated people, and victims of social and economic disparity.

To provide students access to a variety of disciplines so that education is inter- and multi-disciplinary and leads to holistic development.

To create opportunities for self-learning, creativity, and innovation.

To provide special academic and personal attention to disadvantaged and differently-abled students.

To promote gender sensitivity and equality.

To develop a scientific temper and encourage the staff and students to engage in research work.

Provide students the means to understand and live in a digitalized world which takes care of fields such as Nanoscience and Big Data.

To foster an experience of urban and rural extension work so that students are inspired to look for better opportunities for all.

To foster collaborations with other educational institutes and industries.

To provide opportunities to enhance the employability of students and their entrepreneurial capacities.

Principal's Message



Dr (Fr) Vinayak Jadav, S.J.
Principal
St. Xavier's College
(Autonomous), Ahmedabad.

As I assume my new responsibilities in St. Xavier's College, Ahmedabad, my predominant disposition is finding myself humbly in the hands of God. In the Old Testament of the Bible, Moses felt utterly unworthy to fulfill the mammoth task of leading the Israelites through the red sea and the wilderness, so too I wish to be led by pillars of cloud and fire that represented God's presence. Under God's leadership and guidance, we will humbly move inch by inch towards the promised land of peace, progress and prosperity.

Sir Isaac Newton once said, "If I have seen further, it is by standing on the shoulders of giants." I recall gratefully my predecessors, principals, who have led the college to bring it to where it stands today as a five-star college, as rated by CSIRF, and 52nd among the 100 best of the country, as rated by NIRF. We were also reaccredited the fourth time last year with an A+ grade by the NAAC.

I then wish to warmly welcome all of you – faculty, administrative staff, domestic staff, parents and students – especially the new

comers to this new academic year 2023-24. May our academic journey together be blessed with deserving successes during the year. Let us also congratulate the students of last year 2022-23, who have successfully graduated out of the college. May they be blessed with success in building careers that will bring us all pride and joy.

This year we enter into a new era of education in the college. We are implementing the National Education Policy (NEP) in the first semester. I want to thank and congratulate our entire faculty for their painstaking labour in preparing the NEP module for the first years under the leadership of NEP Task force and IQAC. I am confident that given the passion with which the faculty has welcomed the NEP, the students will have much to look forward to in the coming years.

We also want to remind ourselves of the special path of education that we tread in Xavier's. True Xavierites never lose sight of their triple C target! They try to be the best in their subject, which is COMPETENCE. They never achieve anything without

CONSCIENCE. They always bear in their hearts a COMPASSION for the needy around. We build character in Xavier's more than mere personalities!

We have many challenges before us. We need to constantly add new courses that meet the professional demands of the changing times. From a successful autonomous model, we need to move towards the more relevant educational structure of a UNIVERSITY. To present this new face of growing academia, we need a modern building with up-to-date educational facilities. For these herculean tasks, we need a Synodal (Synergetic) leadership and a Synodal governance. We need to journey together from a pyramidal culture of administration into a circular one that makes one and all feel involved and accountable.

Our college must be perceived not as an island institution managed by Christian missionaries but one that breathes the socio-cultural ethos of the state and the country. All citizens of the city beyond class, caste, creed or gender must feel a sense of belonging, ownership and

partnership with the institute. It must be an icon representing democratic India with the inclusive participation of all.

There cannot be better way of proceeding than one that is always welcoming, inviting and hospitable. Let all who enter Xavier's feel received, listened, cared and accompanied.

Education being our primary identity, innovation and imagination takes priority. Creativity which makes a difference must be our motto. The Research Centre and the Library must be the most vibrant hubs of the campus.

Last but not least, the socially, culturally, economically and physically challenged of the society, deserve our priority attention and commitment in Xavier's.

Our Alumni Association is called TOXA, The Old Xavierites' Association! May I include in this message a dream of "Har Har TOXA, Shahar Shahar TOXA" (Each City with its Toxa Chapter)?

Wishing you all the best for the times ahead,





Content

Conspectus of Degrees and Areas of Study	12	Department of Communication	41
Department of Commerce	13	Department of Big Data Analytics	44
Department of Computer Sciences	17	Department of Biochemistry & Biotechnology	47
Department of Economics	22	Department of Botany	53
Department of English	26	Department of Chemistry	57
Department of Gujarati & Hindi	31	Department of Mathematics	63
Department of Psychology	34	Department of Physics & Electronics	69
Department of Sanskrit	38	Department of Statistics	74



Department of Zoology	77	Sports	112
How to Apply	80	NSS	113
General Information	84	Alumni	114
Examinations	90	Human Resources Cell	116
Research and Development	102	Committees	119
Co-Curricular Activities	105	Administrative Staff	128
Library	106	Scholarships, Medals and Prizes	129
Extra Curricular Activities	108	Academic Calendar	144

Conspectus of Degrees and Areas of Study

UNDERGRADUATE PROGRAMMES

COMMERCE

Bachelor of Commerce

- Business Process Services
- B Com (General)

COMPUTER SCIENCES

- Bachelor of Computer Applications
- BSc. Computer Science

ARTS AND HUMANITIES

Bachelor of Arts

- English
- Economics
- Gujarati
- Psychology
- Sanskrit
- Performing Arts in Theatre and Production Management

SCIENCES

Bachelor of Science

- Biochemistry
- Biotechnology
- Botany
- Chemistry
- Electronics
- Mathematics
- Physics
- Statistics
- Vocational Biotechnology
- Vocational Industrial Chemistry
- Zoology

POSTGRADUATE PROGRAMMES

ARTS AND HUMANITIES

- English
- Clinical Psychology

SCIENCES

- Big Data Analytics
- Biochemistry
- Biotechnology
- Botany
- Chemistry (Analytical)
- Chemistry (Organic)
- Mathematics
- Physics

NOTE: The syllabus for First and Second semesters mentioned here do not include the additional papers and the credit system revised as per the NEP. The details of these papers and credits shall be given separately in the form of an NEP booklet.



Developing skills for
Business Processes
and strong decision
making.

Department
of Commerce

HEAD OF THE DEPARTMENT

CA Harsh Khoradia

CO-ORDINATOR

Ms Kinjal Mistry

FACULTY MEMBERS

Ms Mitali Konnur

Dr NC Raghavi Chakravarthy

Mr Rajmohan Nair

Ms Erica Macwan

Ms Tanushka Kumar

Ms Komal Tolani

Ms Shivani Shah

VISITING FACULTY

Ms Selvi Yalamarthi

Ms Aditi Bodiwala

Mr Aroon Raj Jesrani

EXPERT CONSULTANTS

(TCS Officials)

Dr Bimal Roy

Mr Rajiv Noronha

Mr Balnarayan G.

Mr Ravi Kumar

Mr Magesh

UNDERGRADUATE PROGRAMME

Bachelor of Commerce in Business Process Services; B.Com (General)

Number of Seats

B.Com BPS: 60

B.Com (General): 60

Admission Procedure

See Page - 80

Contact: commerce@sxca.edu.in

Blending the academic foundations and industry requirements has always been a lacuna that needs to be filled. A step towards filling this void has materialized as SXCA has signed an MoU with Tata Consultancy Services (TCS), with the latter providing its expertise in Business Process Services. The collaboration has helped launch this very specialized course of B.Com. (BPS). It is a unique three-year full-time degree programme designed by experts of TCS and academia. It is presently running successfully in several colleges in South India and is guiding the student community to mainstream careers. Although the core focus of this course is to prepare students for successful professional career in the BPS industry, students can also achieve efficient employability in sectors like Banking, Insurance, Retail markets, Capital markets and so on.

Vision

Use the tool of higher education to shape men and women who dream of creating a planet of tolerance, equality, sound ecology and spiritual awakening.

Mission

Empower students by giving them a strong foundation in a specialized area of commerce with the objective of enhancing their employability, broadening their horizons and building a mindset of recognizing the talents of every individual without any discrimination of caste, creed, and status.

Undergraduate Programme in Business Process Services

The programme spanning across six semesters has an intensive course work comprising Finance and Accounting for BPS, Insurance for BPS, Banking for BPS, Retail and Market Research, Managing Business



Processes- I, Capital Markets for BPS, Managing Business Processes- II, Campus to Corporate Papers.

Undergraduate Programme in B.Com (General)

An Under Graduate programme in B.Com aims to introduce the basic concepts in Commerce to the students so as to enable them to prepare themselves for further studies in Commerce. The second and third year courses in Commerce provide the students with an in-depth understanding of commercial law, market research taxation, banking, operation research, corporate ethics, entrepreneur development, etc., By the time they graduate, the curriculum will have developed a strong knowledge base, enabled students to think critically and coherently on scientific concepts, formulate ideas, design experiments and communicate effectively.

Course Structure

B.Com (BPS)

Sem	Course Code	Title	Credits
1	BPS-1501	Fundamentals of Accounting	4
	BPS-1502	Human Resource Management	4
	BPS-1101	Business Economics	4
	BPS-1102	Business Statistics	4
	BPS-1103L	Computer Applications	3
	FC-1034	Communication Skills -1	2
	SS-1654	Soft Skills Development	2
2	BPS-2501	Financial Accounting	4
	BPS-2502	Corporate Accounting	4
	BPS-2101	Business Law	4
	BPS-2102	International Business Environment	4
	BPS-2103	Business Mathematics	4
	EG-2301	Environmental Science	2
	FC-2031	Communication Skills - II	2
3	BPS-3501	Management Accounting	4
	BPS-3502	Commercial Law	4
	BPS-3503	Marketing Research	4
	BPS-3504	Finance & Accounts for BPS	5
	BPS-3505	Insurance for BPS	5
	BPS-3950	Interpersonal Skills	2
	BPS-3506L	Computerized Accounting (Tally)	3
4	BPS-4501	Financial Management	4
	BPS-4502	Income Tax -1	4
	BPS-4503	Banking for BPS	5
	BPS-4504	Capital Markets for BPS	4
	BPS-4505	Cost Accounting	4
	BPS-4402	Company Secretary & Functions	2
	FC-4035	Ethics and Corporate Grievance	2
5	BPS-5501	Managing Business Process -1	5
	BPS-5502	Supply Chain Management for BPS	5
	BPS-5503	Principal & Practice of Auditing	5

Course Structure

B.Com (BPS)

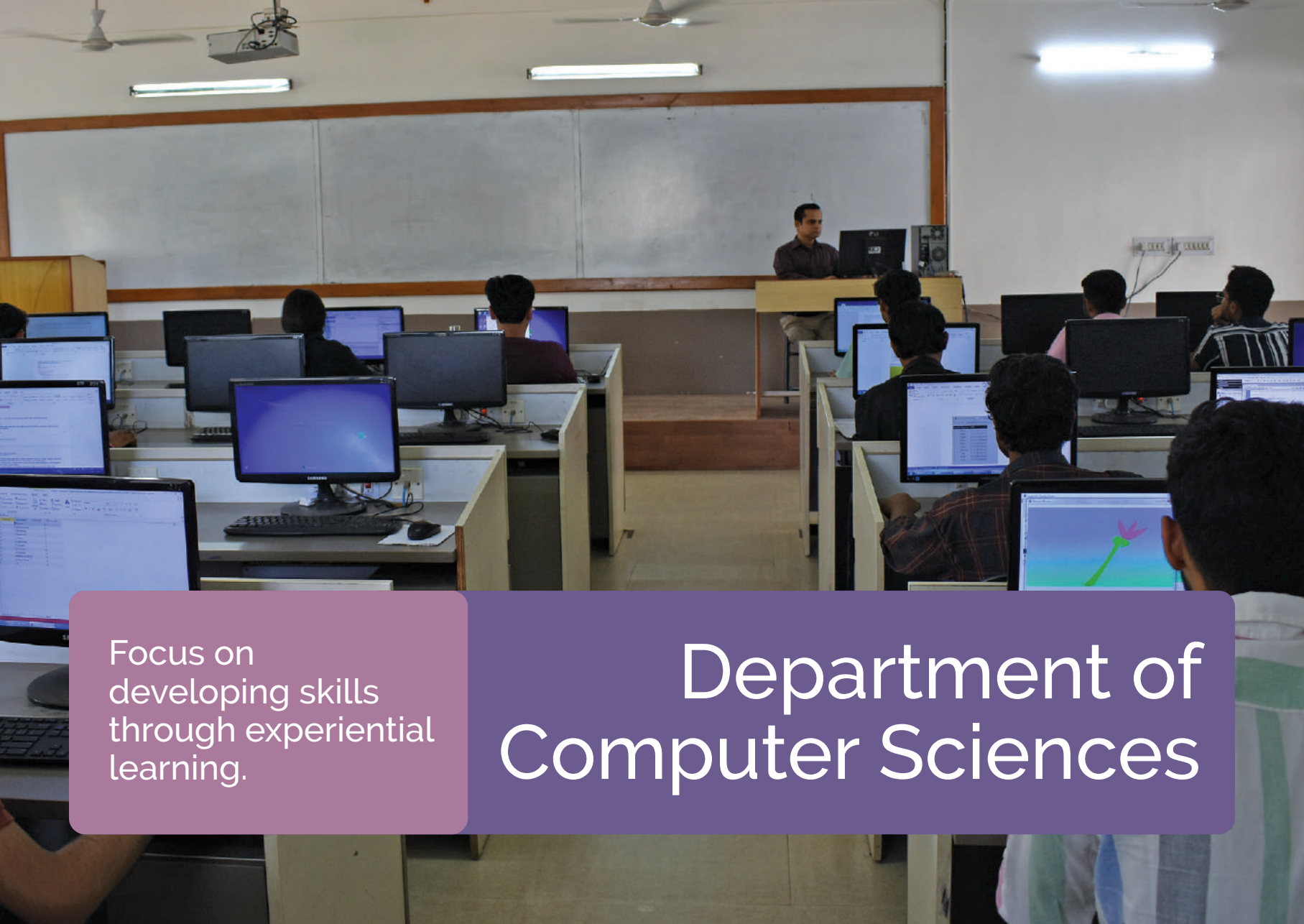
Sem	Course Code	Title	Credits
5	BPS-5504	Income Tax - II	4
	BPS-5505	Business Ethics & CSR	3
	BPS-5506	Campus to Corporate Transition	3
	FC-5031	Learning from World Leaders	2
6	BPS-6501	Managing Business Process - II	4
	BPS-6502	Indirect Taxation	4
	BPS-6503	Advanced Cost Accounting	4
	BPS-6504	Operations Research	4
	BPS-6505	Entrepreneurship Development	4
	BPS-6031	Consultancy Skills	2
	BPS-6032	E-Commerce	2

Course Structure

B.Com General

Sem	Course Code	Title	Credits	
1	CO-1501	Financial Management -1	4	
	CO-1502	Fundamental Statistics -1	4	
	CO-1503	Business Economics -1	5	
	CO-1504L	Computer Application for Business	4	
	CO-1505	Advance Business Management	4	
	FC-1035	Business Communications -1	2	
	EG-1655	Global Trends in Corporate Sustainability Reporting -1	2	
	2	CO-2501	Financial Management - II	5
CO-2502		Fundamental Statistics - II	5	
CO-2503		Business Economics - II	5	
CO-2504		Business Law	4	
CO-2505		Organisational Behaviour	3	
FC-2032		Business Communications - II	3	
EG-2302		Global Trends in Corporate Sustainability Reporting - II	2	
3		CO-3501	Cost Accounting -1	4
		CO-3502	Advance Business Statistics -1	4
		CO-3503	Financial System	4
	CO-3504	Commercial Law	4	
	CO-3505	Human Resource Management	4	
	FC-3035	Constitution of India	2	
	EG-3314	Application of Emerging Technologies in Commerce -1	2	
4	CO-4501	Cost Accounting - II	4	
	CO-4502	Advance Business Statistics - II	4	
	CO-4503	Financial System and Regulators	4	
	CO-4504	Companies Act 2013	4	
	CO-4505	Marketing Management	4	
	FC-4037	Entrepreneurship Development	2	
	EG-4314	Application of Emerging Technologies in Commerce - II	2	





Focus on
developing skills
through experiential
learning.

Department of Computer Sciences

HEAD OF THE DEPARTMENT

Dr (Fr) David Roy S.J.

CO-ORDINATOR

Dr. Nithya A. D. Krishnan Nadar

FACULTY MEMBERS

Mr. Dhwanir Pankajbhai Shah

Dr. Dhara Nisarg Bhatt

Dr. Manali Shashankbhai
Brahmbhatt

Ms. Khushboo Shah

Ms. Rupali Chudasama

Sr. Kanickai Mary

LAB ASSISTANT

Mr. Joy Christian

UNDERGRADUATE PROGRAMME

Bachelor of Computer Applications
BSc Computer Science

Number of Seats

BCA: 120

BSc Computer Science: 60

Admission Procedure

See Page - 80

Contact: bca@sxca.edu.in

bssccomputerscience@sxca.edu.in

The department of Computer Sciences has developed a curriculum that not only introduces the concepts and understanding of databases, data structure, programming languages, and networking but also focuses on developing technical skills through experiential learning modules like project works and product development. This quality in education has ensured that many students have also become entrepreneurs in the IT sector. The department with its competent faculty, good infrastructure, and library have ensured that our BCA programme remains one of the top in the country.

Vision

To potentiate the Students with in-depth knowledge and computing systems, utilizing technological and innovative way, shaping them into responsible citizens enthralled with human and ethical values contributing towards the society and its challenges globally, through innovation-centric education and research environment.

Mission

To attain academic excellence and critical thinking, and conscientize students on economic and policy issues.

Undergraduate programme in Computer Applications

BCA is one of the most opted courses to be offered for a career in Information Technology. The course work is at par with the best in the state and country, providing a sound academic base for an advanced career in computer applications. Key areas of computer studies and industrial computing along with the required analysis and synthesis involved in the information systems is ingrained in the curriculum. After the successful completion of the program, a student should be able to



get entry level job in the field of Information Technology or ITES. BCA graduates can also start their career as programmers and rise to that of senior programmers. Software Development & Design in companies like Microsoft, Oracle, Wipro, Infosys etc. and System Administrator in big corporate companies like Citibank, HLL, P&G etc are some of the opportunities open for students.

Undergraduate programme in Computer Science

BSc. Computer Science is a three-year undergraduate program which deals with wide grounding over a range of mathematics, statistics, and computer programming. A course area gives expertise in Mathematical Sciences and Numerical methods for problem-solving, statistical modelling and scientific computing. The program gives knowledge about computer fundamentals, programming languages, networking, web designing, website development, software testing etc. It also provides a platform to enhance knowledge through project work.

Key Areas of Research

Data Mining

Internet of Things

Course Structure Bachelor of Computer

Sem	Course Code	Title	Credits
1	EG-1312	Learning for World Leaders	2
	FC-1033	Communications Skills	2
	BCA-1501	Computer Basics & Emerging Technologies	4
	BCA-1502	Programming Concept with the C	4
	BCA-1503	Internet & HTML	4
	BCA-1504	Basics of Mathematics	4
	BCA-1505L	Programming Concept with the C	3
	BCA-1506L	Internet & HTML	3
	BCA-1507L	PC Software	3
	2	EG-2301	Environmental Studies
FC-2033		General English	2
BCA-2501		Advanced C Programming	4
BCA-2502		Dynamic HTML & XML	4
BCA-2503		Database Management System -1	4
BCA-2504		Mathematical Foundation of Computer Science	4
BCA-2505L		Advanced C Programming	3
BCA-2506L		Dynamic HTML & XML	3
BCA-2507L		Database Management System -1	3
3		EG-3311	Soft Skills Development
	FC-3033	Principals of Management	2
	BCA-3501	Computer Organisation and Advanced Microprocessors	4
	BCA-3502	Data Structures	4
	BCA-3503	Object Oriented Concepts and Programming	4
	BCA-3504	Fundamentals of Operating Systems	4
	BCA-3505L	Statistical Computing	3
	BCA-3506L	Data Structures	3
	BCA-3507L	Object Oriented Concepts & Programming	3

Course Structure Bachelor of Computer

Sem	Course Code	Title	Credits
4	EG-4312	Consultancy Skills	2
	FC-4033	Interpersonal Skills	2
	BCA-4501	Database Management System - II	4
	BCA-4502	Visual and Windows Programming	4
	BCA-4503	Core Java	4
	BCA-4504	Object Oriented System Analysis and Design	4
	BCA-4505L	Database Management System - II	3
	BCA-4506L	Visual and Windows Programming	3
	BCA-4507L	Core Java	3
5	FC- 5033	Management Information System	2
	BCA-5401	Software Project Management	2
	BCA-5501	Linux Programming	4
	BCA-5502	Web Technology Using PHP	4
	BCA-5503	Data Communication & Networking	4
	BCA-5504L	Linux Programming Lab	3
	BCA-5505L	Web Technology Using PHP Lab	3
	BCA-5506L	Software Development Project - Part 1	3
6	BCA-6403	Info Security	2
	BCA 6405	Digital Commerce	2
	BCA-6501	Website Development -1 (Asp.Net)	4
	BCA-6502	Database Administrator	4
	BCA-6503	Python for Big Data and Machine Learning	4
	BCA-6504L	Website Development -1 (Asp.Net)	3
	BCA-6505L	Multimedia Tools	3
	BCA-6506L	Software Development Project - Part - II	3

Computer Science (Allied Required) BA Course

Sem	Course Code	Title	Credits
1	CA-1101	Computer Fundamentals & Applications	4
	CA-1102	Operating System & Business Data Processing	4
	CA-1201	Internet Technology, Terminology & HTML	2
2	CA-2101	Data Base Management Systems	4
	CA-2102	Networking & HTML	4
	CA-2201	Multimedia & Front Page	2
3	CA-3101	Introduction to Cyber security & Multi Media	4
	CA-3102	Open source & Multi media	4
4	CA-4101	DTP Application & Internet Technology	4
	CA-4102	CMS for Website Development	4

Computer Science (Allied Required) BSc Course

Sem	Course Code	Title	Credits
1	CA-1501	Problem solving with C	4
	CA-1502L	Problem solving with C Practicals	3
	EG-1306	Computer Basics	2
2	CA-2501	Advanced C Programming	4
	CA-2502L	Advanced C Programming Practicals	3

BSc Computer Science & Mathematics

Sem	Course Code	Title	Credits
1	CS-1501	Introduction to Programming and Algorithm using C	5
	CS-1502	Digital Computing	4
2	CS-2501	Web Designing	5
	CS-2502	Computer Organization and Microprocessors	4
	EG-2301	Environmental Studies	2
3	CS-3501	Data Structures using C++	5
	CS-3502	Operating System	4
	CS-3503	DBMS with Oracle	5
	EG-3313	Python-1	2
4	CS-4501	Java Programming	5
	CS-4502	Multimedia and Computer Graphics	5
	CS-4503	System Analysis and Design	4
	EG-4410	Python-II	2





Propelling towards
growth and
sustainability

Department
of Economics

HEAD OF THE DEPARTMENT

Dr Pinky J Desai

MEMBERS

Mr. Vijaysinh Dhandhukiya
Dr Atman Shah

MANAGEMENT APPOINTEE

Mr Eshan Shenolikar

UNDERGRADUATE PROGRAMME

Bachelor of Economics
BA Honours in Economics (Self-
Financed)

CERTIFICATE COURSES

Foreign Trade Management

Number of Seats

BA Economics: 60
BA Economics (Honours): 30

Admission Procedure

See Page - 80

Contact: economics@sxca.edu.in

Since the beginning Economics department, has been one of the excellent departments in the Humanities. Besides providing theoretical insights and discussions on applied economics, giving practical knowledge ensures a thorough understanding of the subject. The department has well qualified team, training students to graduate with excellent merits, and establish themselves in areas like masters in economics, management, social sector, civil services and administration, banking, trade and commerce, business.

The department conducts seminars, encourages discussions on current topics, educates through innovative ways, facilitates research, and organizes study trips and educational excursions. Teachers make themselves available to students who need mentoring, in academics, career and personal growth. Further, it trains students to be leaders and help develop their talents in a holistic manner.

Vision

To attain excellence in theoretical knowledge of the subject, research, extension, administration and management as well as civic awareness.

Mission

Short term goal of the department is to attain academic excellence. The long term goal is to make the students think critically on economic issues, confronting them in their daily lives, so that they can actively engage themselves in policy issues.

Undergraduate Programme in Economics

During their first year in college, the programme aims to introduce the basic concepts in economics, so as to enable the students to prepare themselves for further studies in economics. The second and third year courses in economics provide the students with an in- depth understanding of Micro and Macroeconomics, Trade and Public Finance, Indian Economy, Gujarat Economy, Managerial Economics, Environmental Economics, Growth and Development, Mathematical Economics, Econometrics, etc. By the time they graduate, they develop critical thinking on government policies, and propose appropriate policy interventions that are required to make the economy more vibrant.



BA Honours Programme in Economics (Self Finance)

With the vision of introducing the required changes in a traditional economics programme at the UG level and with the objective of introducing papers which have greater applicability, the department proposed a self-finance Honours Programme in 2020. Owing to the Covid-19 pandemic, the course started from the academic year 2022. This is the first of its kind under Gujarat University affiliation. The course integrates the subject of economics with subjects in history, cultural studies, understanding society, human rights entrepreneurship and e-marketing and also with mathematics, statistics and data analysis and research skills. These papers are taught by experts.

Programme Outcomes:

- 1) Develop a competitive edge at the national level
- 2) Develop stronger analytical and research skills
- 3) Enhance employability

Certificate Course (Foreign Trade Management)

The Career Oriented Programme in Foreign Trade Management offered by the department is one of the most sought after courses in the college. This course helps the students to understand various nuances involved in imports and exports of a country, and offers various techniques in handling export - import business ventures. This is an additional certificate programme offered to students from other disciplines as well.

This course will be offered if a basic number of students register for the same.

The Career Oriented Programme in Foreign Trade Management offered by the department is one of the most sought after courses in the college. This course helps the students to understand various nuances involved in imports and exports of a country, and offers various techniques in handling export - import business ventures. This is an additional certificate programme offered to students from other disciplines as well.

This course will be offered if a basic number of students register for the same.

Key areas of research in the department

- Product Patents - Indian Pharmaceutical Industry.
- Impact of foreign capital in economic development.
- Importance of regional groupings to enhance India's exports.
- Impact of global Sanitary and Phyto-Sanitary (SPS) measures and environmental standards on Indian processed food export sector.
- Industrialisation in Gujarat, etc., among others.
- Strategizing India to be a \$20 trillion Economy - Employment Challenges

Course Structure

BA Economics

Sem	Course Code	Title	Credits
1	GE-1053	General English	2
	EC-1501 EC-1101	Elementary Economics -1	4
	EC-1502 EC-1102	Indian Economy -1	4
2	GE-2053	General English	2
	EC-2501 EC-2101	Elementary Economics - II	4
	EC-2502 EC-2102	Indian Economy - II	4
3	GE-3053	General English	2
	EC-3501 EC-3101	Microeconomics -1	4
	EC-3502 EC-3102	Economy of Gujarat -1	4
	EC-3503A	Economic Systems	4
	EC-3503B	Mathematical Economics -1	4
4	GE-4053	General English	2
	EC-4501 EC-4101	Microeconomics - II	4
	EC-4502 EC-4102	Economy of Gujarat - II	4
	EC-4503A	Economics of Development	4
	EC-4503A	Mathematical Economics – II	4
5	GE-5053	General English	2
	EC-5501	Macroeconomic Analysis	4
	EC-5502	International Economics	4
	EC-5503	Indian Economy - III	4
	EC-5504A	Managerial Economics -1	4
	EC-5504B	Agricultural Economics	
	EC-5504C	Economics of Cooperative Movement	
	EC-5505A	Economic Essays -1	4
	EC-5505B	Econometrics -1	
	EC-5505C	Economic Growth and Development	
6	GE-6053	General English	2
	EC-6501	Public Economics	4

Sem	Course Code	Title	Credits
6	EC-6502	Environmental Economics	4
	EC-6503	Indian Economy - IV	4
	EC-6504A	Managerial Economics - II	4
	EC-6504B	Industrial Economics	
	EC-6504C	Entrepreneurial Economics	
	EC-6505A	Economics Essays - II	4
	EC-6505B	Econometrics - II	
	EC-6505C	Economic Thoughts	

BA Economics (Honours)

Sem	Course Code	Title	Credits
1	ECH-1501	Introductory microeconomics-I	4
	ECH-1502	Introductory macroeconomics-I	4
	ECH-1101	Statistics for Economics-I	4
	ECH-1102	Mathematics for Economics-I	4
	ECH-1201	Geo Politics & the Economy: A Historical Perspective)	2
	GE-1055	English Compulsory)	2
	GF-1081	French Compulsory	2
	FC-1036	Excel-I	1
	SS-1654	Economics & the Society	1
	2	ECH-2501	Introductory Microeconomics-II
ECH-2502		Introductory Macroeconomics-II	4
ECH-2101		Introductory Stats for Economics-II	4
ECH-2102		Introductory Maths for Economics-II	4
ECH-2201		Economic & Business History of India	2
GE-2055		General English-II	2
GF-2081		French Compulsory	2
FC-2031		Excel-II	1
SS-2655		Rural Development	1

THE CAMBRIDGE
HISTORY OF

ENGLISH
ROMANTIC
LITERATURE

EDITED BY
JAMES CHANDLER

A MORTON CRITICAL EDITION
THIRD EDITION

GENRE
John Frow

the NEW CRITICAL IDIOM

LITERARY
CRITICISM
A SHORT HISTORY

Three Problem Plays
Nicholas Mars

Fostering an environment
of aesthetic sensitivity,
critical thinking, and
articulate expression.

Department
of English

HEAD OF THE DEPARTMENT

Dr. Annaashirvadita Sacha

MEMBERS

Dr. Saurabh Vaishnav

Dr. (Fr) Sunil Macwan

Dr. Hardik Thakkar

MANAGEMENT APPOINTEE

Dr. Shyno Baby Paul

UNDERGRADUATE PROGRAMME

Bachelor of English

Bachelor of English with
Functional English

POSTGRADUATE PROGRAMME

MA in English

Number of Seats

BBA English: **30**

BA English with Functional
English: **30**

Masters in English: **30**

Admission Procedure

See Page - **80**

Contact: english@sxca.edu.in

Over the years, the Department of English has developed from, a purely text-based criticism to wider outlooks, taking into account various standpoints as well as various literatures. Alongside changes in the syllabi, there have been marked changes in teaching methodology, going in the direction of more open understandings of knowledge generation and transmission. Classroom processes encourage student participation in the reading and interpretation of prescribed texts, subscribing to the belief that readings cannot be singular and unilateral. What literature and criticism place an emphasis on the capacity to argue logically one's point of view and accept a multiplicity of perspectives. Our pedagogy strengthens effective communication skills, both verbal and non-verbal. Formal and informal interactions between students and teachers promote critical thinking, openness, and creative spirit.

Vision

The department envisions fostering critical thinking, articulate expression, and aesthetic sensibilities. Through expertise in English literature and language, we hope to nurture students to become excellent professionals as well as responsible, sensitive, and conscientious persons. We hope to provide professional and personal skill-building with a special emphasis on effective communication and creative expression in language.

Mission

The department strives to encourage students to excel in literature, literary criticism, communication, linguistics research, creative writing, and translation through an active engagement with literary texts and scholarship. The mission of the department is aligned with the mission of the college which is to form students into better human beings.

Undergraduate Programme in English

The BA (English) is a three-year programme designed to provide students with an overview of British literature, as well as literary criticism, ranging from Greek, to Latin, British and Sanskrit. The course also offers papers in academic writing, English Language and Communication Skills as well as Media. For students interested in learning English Language at a more advanced level, in order to pursue careers in media and mass communication as well as linguistics, the department has been offering a First Elective course in Functional English. This provides closer acquaintance

with phonetics, writing skills, as well as Radio and Television studies. Other Functional English courses offer various types of writings skills, including blog writing and content writing.

Postgraduate Programme in English

The Master's Programme in English at St. Xavier's College combines a focus on linguistic proficiency with an attempt to nurture critical thinking and a deeper engagement with literary works. While language skills are a recognized necessity given the competitiveness of the national and international job market, the ability to read critically and empathetically remains a much sought after skill in the academia. The humanities in general, and literature in particular, have the ability to further what has been a longterm aim as far as the College is concerned: equitable and just processes of learning, taking into account a multiplicity of positions from which this knowledge is produced.

Certificate Courses (Vocational English Programme)

A career oriented course in Vocational English Programme has been run from 2019. This course is open to students from all departments especially those coming from vernacular medium schools. It is tailored to develop in students the confidence and capacity to communicate fluently in English. What makes the programme even more valuable is the fact that not only teachers with experience in language teaching, but also postgraduate students who use English proficiently are given an opportunity to interact with the students who opt for this course. This is in keeping with the pedagogy of the College, which encourages the development of both students and staff in the process of class interaction.

- This course will be offered if a basic number of students register for the same.

Key areas of research in the department

- British Literature
- American Literature Philosophy
- Film studies,
- Genre fiction
- Indian Mythology
- Detective Fiction
- Women's writing
- Fantasy, children's literature



Course Structure

BA English

Sem	Course Code	Title	Credits
1	GE-1050	General English	2
	EN-1501 EN-1101	Introduction to Literature	4
	EN-1502 EN-1102	Foundation studies in english	4
	EN-1201	Aspects of Indian Literature	2
2	GE-2050	General English	2
	EN-2501 EN-2101	The Elizabethan Age	4
	EN-2502 EN-2102	Literary Form: Lyrical and Narrative Poetry	4
	EN-2201	World Literature	2
3	GE-3050	General English	2
	EN-3501 EN-3101	Restoration and Augustan Literature	4
	EN-3502 EN-3102	Literary Form: Tragedy	4
	EN-3503	Literary Criticism	4
4	GE-4050	General English	2
	EN-4501 EN-4101	The History of English Literature: The Romantic Age	4
	EN-4502 EN-4102	Indian Writing in English and Translation	4
	EN-4503	Academic Writing	4
5	GE-5050	General English	2
	EN-5501	Victorian literature	4
	EN-5502	The Novel Form	4
	EN-5503	Literary Criticism	4
	EN-5504A	Indian Literature in English	4
	EN-5505A	Introduction to English Language	4
	EN-5505B	Literature and Gender	4
6	GE-6050	General English	2
	EN-6501	Modern Age (1900-1965)	4
	EN-6502	Comedy Form	4
	EN-6503	Literary Criticism and Theory	4

Sem	Course Code	Title	Credits
6	EN-6504A	American Literature	4
	EN-6504B	Commonwealth Literature	4
	EN-6505A	English Language Teaching and Spoken English	4
		Women's Writing	4
	EN-6505B		4



Functional English

Sem	Course Code	Title	Credits
1	EN 1103	Remedial Grammar	4
	EN 1104	Introduction to Phonetics	4
2	EN 2103	Writing Skills	4
	EN 2104	Introduction to Phonetics	4
3	EN 3103	Conversational Skills	4
	EN 3104	Radio and Television	4
4	EN 4101	Conversational Skills	4
	EN 4102	Radio and Television	4

MA English

Sem	Course Code	Title	Credits	Sem	Course Code	Title	Credits
1	PEN 1801	History of English Literature 1500-1660	4	3	PEN 3801	World Drama	4
	PEN 1802	Research Methodology	4		PEN 3802	World Classics in Translation	4
	PEN 1803	History of English Literature 1660-1798	4		PEN 3803	Literary Criticism	4
	PEN 1804	Women's Writing	4		PEN 3804	Post-Colonial Literature	4
	PEN 1805A	Grammar and the History of Language	4		PEN 3805A	Communication Skills	4
	PEN 1805B	Literature from the Margins	4		PEN 3805B	South-Asian Diasporic Writing	4
	PEN 1806	Seminar Paper	4	PEN 3806	Seminar	4	
2	PEN 2801	History of English Literature: 1798-1900	4	4	PEN 4801	Special Author: T. S. Eliot	4
	PEN 2802	History of English Literature: 1900-Present	4		PEN 4802	Gender and Literature	4
	PEN 2803	American Literature	4		PEN 4803	Contemporary Theory	4
	PEN 2804	Indian Literature in English	4		PEN 4804	Literature and Other Art Forms	4
	PEN 2805A	Phonetics	4		PEN 4805A	Professional Skills	4
	PEN 2805B	Narrative	4		PEN 4805B	Partition Literature	4
	PEN 2806	Seminar	4	PEN 4806	Seminar	4	





Deepening connect
with people, culture,
history and ethos of
the society and nation.

Department of
Gujarati and Hindi

HEAD OF THE DEPARTMENT

Dr Puranbhai Makwana

MEMBERS

Dr (Fr) Vinayak Jadav, S.J.

Mr Anil M Parmar

MANAGEMENT APPOINTEE

Mr B V Desai

UNDERGRADUATE PROGRAMME

Bachelor of Gujarati

CERTIFICATE COURSES

Certificate in Journalism

Number of Seats

BA Gujarati: 30

Admission Procedure

Vide Page - 60

Contact: gujarati@sxca.edu.in

Languages connect communities and nations. The knowledge of languages apart from being a communication skill enables creations of books that speak volumes about a nation, a state and its people, culture, and history.

The department facilitates and enthruses every student, who is interested in Gujarati language, culture and literature. The focus, the efforts, the faculty, the activities and culture of the department are oriented towards their students' growth and well-being.

Hindi, is the second elective subject that the students take up. The curriculum includes famous literary works of Shri Ramdarsh Mishra, Shri Raghuvir Chaudhury, and Shri Chinubhai Modi etc. The rapporteur of Hindi literature takes one through a journey of different times, the changes and the progress that India has made in all these years. Apart from the technicalities of the language, the students get to learn about traditions, cultures and heritages.

Vision

With the objective of overall growth of students in view, focus will be on creating motivation and passion for language, literature and culture among students.

Mission

To orient students of Gujarati and Hindi, they are

exposed through the masterpiece writings of eminent authors, taken to institutions that preserve and promote Gujarati and Hindi literature, theatre and culture. Students are encouraged to participate in seminars, workshops, literature fests, research projects and co-curricular text study to widen their literary and linguistic horizons.

Undergraduate Programme in Gujarati

The programme includes works of eminent writers of different eras, giving a glimpse of the societal conditions, the ethos and culture during medieval times, the practices and policies of earlier times, making a comparative with the current society and understanding the changes that have enabled the cultures and language to evolve. The programme aims at enabling students to be conversant with the subject as they could grow to become content writers, journalists, authors, poets and facilitators.

Key areas of research in the department

- Literary Journalisam
- Personal Essay
- Dalit Literature
- Tribal Literature

Course Structure

BA Gujarati

Sem	Course Code	Title	Credits
1	GE-1051	General English	2
	GU-1501 GU -1101	Poetry	4
	GU-1502 GU-1102	Short Story	4
	GU-1201	Humorous Essays	2
2	GE-2053	English Compulsory	2
	GU-2501 GU-2101	Poetry	4
	GU-2502 GU-2102	Novel: Samudi	4
	GU-2201	Reflective Essays	2
3	GU-3053	General English	2
	GU-3501 GU-3101	Personal Essay	4
	GU-3502 GU-3102	Author: Jayant Pathak	4
	GU-3503	History of Medieval Gujarati Literature	4
4	GE-4053	General English	2
	GU-4501 GU-4101	One Act Play	4
	GU-4502 GU-4102	Author: Varsha Adalaja	4
	GU-4503	History of Modern Gujarati Literature Part-1	4
5	GE-5053	General English	2
	GU-5501	History of Modern Gujarati Literature Part-2	4
	GU-5502	Linguistics	4
	GU-5503	Literary Criticism	4
	GU-5504	Girasma Ek Gungari (Feminist Literature)	4
	GU-5505	Dalit Literature	4
6	GE-6053	General English	2
	GU-6501	Modern and Post-modern Gujarati Literature	4
	GU-6502	Linguistics	4

Sem	Course Code	Title	Credits
6	GU-6503	Literary Criticism	4
	GU-6504	Literary Essays	4
	GU-6505	Autobiography	4



Hindi (AR)

Sem	Course Code	Title	Credits
1	HN-1101	Samkalin Hindi Kavita	4
	HN-1102	Adhunik Hindi Kahani	4
	HN-1201	Samanya Hindi (AO)	2
2	HN-2101	Chayavadottar Hindi Kavita	2
	HN-2102	Hindi Upanyas	4
	HN-2201	Samanya Hindi (AO)	2
3	HN-3101	Adunik Hindi Kavita	4
	HN-3102	Hindi Natak	4
4	HN-4101	Hindi Khandkavya	4
	HN-4102	Gadya Vidha Rekhachitra	4



Deepening
understanding of mind
and body behaviour

Department of Psychology

HEAD OF THE DEPARTMENT

Dr. Profaina K Christian

MEMBERS

Dr. Arefa J Mansuri

Dr. Arti Oza

Dr. Tatpar Joshipura

MANAGEMENT APPOINTEE

Dr. Supriya Sioni

UNDERGRADUATE PROGRAMME

Bachelor of Psychology

POSTGRADUATE PROGRAMME

MA Clinical Psychology

CERTIFICATE COURSE

Certificate in Counseling

Number of Seats

BA Psychology: **60**

MA Clinical Psychology: **30**

Admission Procedure

See Page - **80**

Contact: psychology@sxca.edu.in

Psychology brings in an element of behavioural studies with respect to the self, the surroundings and the spiritual, which in turn encompass variables comprising neural, physiological, cognitive processes and environmental factors. The Bachelors programme aims at looking Psychology as a Science to groom students to be mentally healthy, emotionally sound and responsible citizens of the country.

Vision

To see Psychology department as an excellent department with a mission towards over all development of students and staff.

Mission

To bring in equity in academics, peer learning and to offer a plethora of academic stimulants to the students for their academic as well as overall development through research, sports, co-curricular and extra-curricular activities.

Undergraduate Programme in Psychology

An undergraduate programme in psychology aims to describe, analyse, predict and make positive and constructive change in the behaviour and lives of people. It helps to explore the science of human behaviour and mental processes. The subject studies the mind, brain and social interactions. It assists people to improve their skills in decision making, manage stress and lead a positive life.

The programme helps to develop an in-depth understanding of human behaviour and skills to analyse and interpret research findings on human behaviour. The curriculum includes courses in behaviour studies, counselling, personality and industrial psychology.

Postgraduate Programme

Psychology, an integral part of human life helps us to understand the complexity in human behaviour and to unravel mental operations and human performance. The objective of a graduate course in clinical psychology is to help students to gain an in depth understanding of mental health, human behavior, and to prepare students to offer services as a clinical psychologist in the

professional realm.

Apart from an up-to-date coursework, students will also get a chance to carry out internships. This course helps to break the stigma around mental illness and in turn, practice their knowledge at a professional level.

Certificate Courses (Counselling)

Since 2006, Psychology department conducts a twenty credit UGC recognized COP (Career Oriented Programme) course for the students of St. Xavier's College of both Arts and Science faculty.

This certificate course enables the department to engage in social extension work. COP in Counselling has tied up with 'Prabhat' Institute for mentally challenged students and have been rendering their services for the last three years. These students work with children at school (Xavier's Research Foundation) as well as conducting home visits, where they also meet parents to work out a plan as to how to deal with these children. The department welcomes students from other faculties in this intervention.

This course will be offered if a basic number of students register for the same.

Key areas of research in the department

- Clinical Psychology (Adolescent Psychology)
- Personality development

Course Structure

BA Psychology

Sem	Course Code	Title	Credits
1	GE-1050/51	General English	2
	PS-1501 PS-1101	Basic Psychological Process -I	4
	PS-1502 PS-1102	Psychology and Effective Behaviour	4
2	GE-2053	General English	2
	PS-2501 PS-2101	Basic Psychological Process -II	4
	PS-2502 PS-2102	Psychology of Effective Behaviour	4
3	GE-3053	General English	2
	PS-3501 PS-3101	Child Psychology -I	4
	PS-3502 PS-3102	Psychopathology	4
	PS-3503	Basic Physiological Psychology -I	4
4	GE-4053	General English	2
	PS-4501 PS-4101	Social Psychology	4
	PS-4502 PS-4102	Psychopathology	4
	PS-4503	Basic Physiological Psychology -II	4
5	GE-5053	General English	2
	PS-5501	Research Methods in Psychology	4
	PS-5502	Statistics and Measurement	4
	PS-5503	Psychology in Industrial Organization	4
	PS-5504	Experimental Theory in Psychology	4
PS-5505	Counselling Psychology	4	

Course Structure

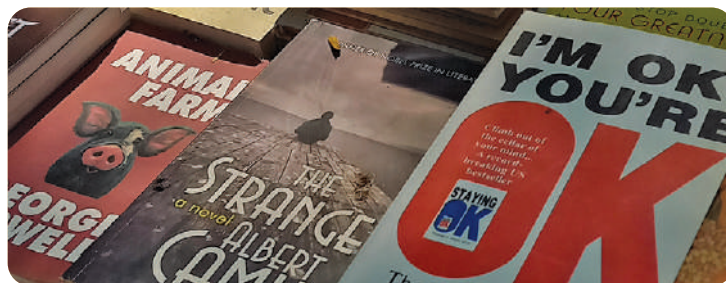
BA Psychology

Sem	Course Code	Title	Credits
6	GE-6053	General English	2
	PS-6501	Research Methods in Psychology	4
	PS-6502	Experimental Practical	4
	PS-6503	Psychology in Industrial Organization	4
	PS-6504	Experimental Theory in Psychology	4
	PS-6505	Counselling Psychology	4

Course Structure

MA Psychology

Sem	Course Code	Title	Credits
1	PPS-1801	Cognitive Psychology -1	4
	PPS-1802	Emergence of Psychology	4
	PPS-1803	Social Psychology -1	4
	PPS-1804	Research Methodology -1	4
	PPS-1805L	Psychological Testing -1	4
	PPS-1806	DSM-5 & ICD-10 Part-1	4
2	PPS-2801	Cognitive Psychology - II	4
	PPS-2802	Contemporary Applied Psychology	4
	PPS-2803	Social Psychology - II	4
	PPS-2804	Research Methodology - II	4
	PPS-2805L	Psychological Testing - II	4
	PPS-2806	DSM-5 & ICD-10 Part-2	4
3	PPS-3801	Health Psychology	4
	PPS-3802	Psychology of Wellbeing	4
	PPS-3803	Clinical Neuropsychology	4
	PPS-3804	Research Methodology - III	4
	PPS-3805	Counselling	4
	PPS-3806	Psychotherapy	4
4	PPS-4801	Internship	4
	PPS-4802	Dissertation	20



Experience the
richness, depth,
vastness and beauty
of the language.

Department
of Sanskrit

HEAD OF THE DEPARTMENT
Dr. Ishwar L. Mehra

MANAGEMENT APPOINTEE
Dr. Rajavi Oza

**UNDERGRADUATE
PROGRAMME**
Bachelor of Arts in Sanskrit

Number of Seats
BA Sanskrit: 30

Admission Procedure
See Page - 80

Contact: sanskrit@sxca.edu.in

The Sanskrit Department has been preserving its rich heritage at St. Xavier's College since 1955. As a classical language, it is a unique experience to study this divine language, the mother language of Indian regional languages, and sister language of Greek, Latin and English languages. The reading and understanding of classical scriptures written in Sanskrit gives an insight into the rich heritage of India, learnings and governance policies, knowledge dissemination methods, effective communicative skills. The early manuscripts like the Vedas give an explicit information of varied subjects that include arts, agriculture, medicine, economics, engineering, performing arts etc. There are many practices that are still based on these age old wisdom and hence, Sanskrit as a subject is valued in several nations other than India, with many international students coming in to study Sanskrit. Ingrained in the course work is research, active participation in elocutions and verse completion competitions at the intercollege level..

Vision

This department wishes the future generation to acknowledge Sanskrit as a valuable asset enabling one to be globally recognized.

Mission

To develop a thirst for knowledge in Sanskrit with a view to spoken Sanskrit and to promulgate

the value and cultural heritage of Sanskrit in society.

Undergraduate Programme in Sanskrit

The Undergraduate programme deals with topics that provide a new perspective and teach the Art of Living. The course work comprises a detailed study on Sanskrit Drama, its types, special features of Sanskrit one Act Plays, Criticism on the episodes of literary works like Bhasa, Bhagavad Gita, Kalidasa's Raghuvansham and Upanishads. Translation of the verses is an integral part of the course. Understanding the styling of various writers, Psychological aspects of a play in accordance with the Concept of 'Stress' are also unravelled in the course.

Key areas of research in the department

- Indian Philosophy
- Indian Poetics
- Classical Sanskrit Literature and Music
- Dharmashastras

Course Structure

BA Sanskrit

Sem	Course Code	Title	Credits
1	GE-1050	General English	2
	GS-1080	Sanskrit Kavya	2
	SN-1501 SN-1101	Shrimad Bhagwad Gita (Selected Portion)	4
	SN-1502 SN-1102	Sanskrit Drama	4
2	GE-2053	General English	2
	GS-2080	Sanskrit Rupaka	2
	SN-2501 SN-2101	Shrimad Bhagwad Gita (Selected Portion)	4
	SN-2502 SN-2102	Sanskrit Kavya Sanskrit Kavya	4 4
3	GE-3053	General English	2
	SN-3501 SN-3101	Sanskrit Kavya	4
	SN-3502 SN-3102	Kavyaprakash (Selected Portion)	4
4	SN-3503	Vedic Collection	4
	GE-4053	General English	2
	SN-4501 SN-4101	Sanskrit Drama	4
	SN-4502 SN-4102	Kavyaprakash (Selected Portion)	4
5	SN-4503	Upanishads	4
	GE-5053	General English	2
	SN-5501	Kaarkaprakamam: Vyakarana sidhantha kaumudi	4
	SN-5502	Ishwarkrushnakrutam sankhyakarika	4
	SN-5503	Shankarbashey chatuh sutri	4
	SN-5504	Prathamanth deeksha: Rashtriya Samskruth Samsthan	4
	SN-5505	Mahabharat: Sabhaparv (Ch 5) & Ramayan Ayodyakanth (Canto-100)	4

Sem	Course Code	Title	Credits
6	GE-6053	General English	2
	SN-6501	Dashrupakam of Dhananjaya (Selected Portion)	4
	SN-6502	Kadambari - Mahashweta Vruttont (Selected Portion)	4
	SN-6503	Tarka Samgrah of Annam bhatt	4
	SN-6504	Uttar Ram Charitam of Bhavbhuti	4
	SN-6505	Essays	4





Connecting people,
expressing emotions
and creating
meaningful lives

Department of Communication

HEAD OF THE DEPARTMENT

Mr. Divy Bhagia

MEMBERS

Mr. Gaurang Raval

VISITING FACULTIES

Mr. Rajoo Barot

Mr. Rohit Prajapati

Mr. Kabir Thakore

UNDERGRADUATE PROGRAMME

Bachelor of Performing Arts
in Theatre and Production
Management

Number of Seats

Bachelor of Performing Arts
in Theatre and Production
Management: **30**

Admission Procedure

See Page - **80**

Contact:

gaurang.raval@sxca.edu.in

The study of communication is at the heart of human interaction. It is the means by which we connect with one another, express our ideas and emotions, and create meaning in our lives. At the Department of Communication at St. Xavier's College, we believe that the study of communication is not just about mastering skills but about exploring the deeper questions of human existence. The Department of Communication offers a comprehensive and transformative education in media, development, and the performing arts. Our programs are designed to prepare students to become effective communicators, critical thinkers, and responsible global citizens capable of making a positive impact in the world. Through a combination of rigorous academic coursework, experiential learning opportunities, and community engagement, we aim to cultivate a community of scholars and practitioners who are passionate about communication, theater, and development and who are committed to the values of academic excellence, holistic learning, and social responsibility.

Vision

Our vision for the Department of Communication is inspired by the belief that communication is at the heart of human experience, and that by cultivating a deep understanding of its power and possibilities, we can promote positive change in the world. We envision a Department of Communication that is a model for academic excellence, holistic learning, and social responsibility, inspiring our students to become leaders and agents of change who are equipped with the skills, knowledge, and ethical awareness they need to create a more just, equitable, and sustainable society. We aspire to create a learning environment that fosters intellectual curiosity, creative exploration, and personal growth, while also integrating the intellectual, emotional, and spiritual aspects of human experience.

Mission

Our mission is to provide a comprehensive education in media, development, and performing arts that prepares students to become effective communicators, critical thinkers, and responsible global citizens. We believe in the transformative power of education and are dedicated to providing our students with an educational experience that equips them with the skills, knowledge, and ethical awareness necessary to tackle the complex challenges facing our world. We are guided by the values of academic excellence, holistic learning, and social responsibility,

and aspire to create a Department of Communication that is a leader in education, research, and community service, inspiring our students to lead fulfilling lives and contribute to a more just, equitable, and sustainable society.

Undergraduate Programme in Performing Arts in Theatre and Production Management

The Department of Communication offers four years honors degree in Theatre and Production Management. The course offers comprehensive study of various aspects of theatre such as acting, direction, script writing as well as aspects of production management that include lights design and management, sound design, branding, and marketing of theatre plays. The course aims to develop theatre artists who aspire to craft their knowledge in professional theatre, films, radio, or television.



Course Structure

BA Performing Arts

Sem	Course Code	Title	Credits
1	DSC-1	A Comprehensive Exploration of Literature, Historical Narratives, and the Art of Production Techniques In Theatre	3
	DSC-2	Practical: Acting and Play Production	3
	MS-1A	Minor Stream-1 (Allied required)	3
	MS-1B	Minor Stream-1 (Allied required)	3
	MD-1	Multidisciplinary Course	3
2	IDC	Interdisciplinary Course	3
	AEC	Ability Enhancement courses (language)	2
	SEC	Theatre Writing Skill	2
	VAC	Common Value-Added Courses	2



The TCS

08:47
Thursday, 23 March

MISSION

To help customers achieve their business objectives by providing innovative, best-in-class consulting, IT solutions and services. To make it a joy for all stakeholders to work with us.

VALUES

Leading change. Integrity. Respect for the individual. Excellence. Learning and Sharing.

Focus on developing skills through experiential learning.

Department of Big Data Analytics

HEAD OF THE DEPARTMENT

Dr (Fr) David Roy S.J.

MEMBERS

Dr Pravida Raja

VISITING FACULTIES

Dr Bimal Roy

Mr Rajiv Noronha

Mr Balnarayan G.

Mr Ravi Kumar

Mr Magesh

POSTGRADUATE PROGRAMME

MSc Big Data Analytics

Number of Seats

MSc BDA: **30**

Admission Procedure

See Page - **80**

Contact: bda@sxca.edu.in

‘Data is the future.’ Data is the most important element in any venture. Data gives us glimpses of the past, reality of the present and strengthens us to predict the future.

The Tata Consultancy Services (TCS) initiative has made remarkable strides in shaping the talent capability aligned to data analysis, business requirements and to accrue seamless mutual benefits for the world of academics and industry. The objective of this course is to contribute to overall development of the student community in order to enhance quality and consistency of talent supply by channelizing practical industry knowledge to the classroom. The course work comprises Statistical Methods, Probability & Stochastic Process, Linear Algebra & Linear Programming, Computing for Data Sciences, and Database Management etc.

Vision

To become the centre of knowledge in data sciences and use the medium for transforming society.

Mission

To achieve excellence in teaching and research in data sciences and create excellent workforce.

Postgraduate Programme in Big Data Analytics

The department offers postgraduate programme in Big Data Analytics. The best part of the programme is that TCS would help the students to work in a real-time environment during the fourth semester, which will enable the students to have a hands on experience of analyzing big data.

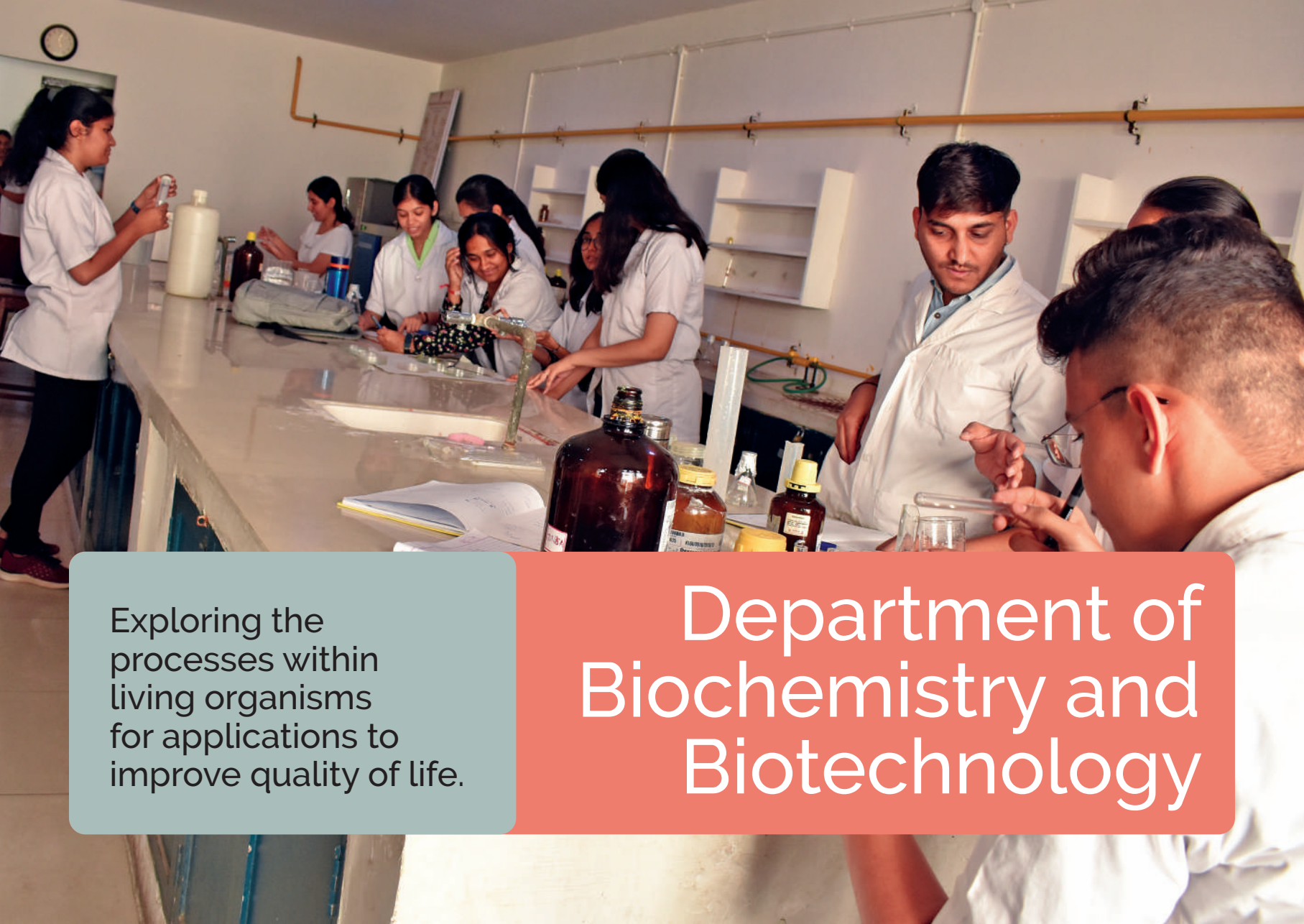
Key areas of research in the department

- Machine Learning
- Computer Vision
- Image Processing
- Modelling in Time Series and Econometrics

Course Structure **MSc Big Data Analytics**

Sem	Course Code	Title	Credits
1	PBD-1801	Statistical Methods	5
	PBD-1802	Probability & Stochastic Process	5
	PBD-1803	Linear Algebra & Linear Programming	5
	PBD-1804	Computing for Data Sciences	5
	PBD-1805	Database Management and Data Mining	5
	PBD-1806	Python Programming	5
2	PBD-2801	Fundamentals of Data Science	5
	PBD-2802	Advanced Statistical Methods	5
	PBD-2803	Introduction to Machine Learning	4
	PBD-2804	Enabling Technologies for Data Science -1	4
	PBD-2805	Value Thinking	2
	PBD-2901	Operations Research	5
3	PBD-3801	Enabling Technologies for Data Science - II	4
	PBD-3802	Advanced Machine Learning	4
	PBD-3803	Data Visualisation and Modelling in Management	4
	PBD-3901	Introduction to Econometrics	5
	PBD-3902	Time Series Analysis and Forecasting	5
4	PBD-4801	Internship based project	20





Exploring the processes within living organisms for applications to improve quality of life.

Department of Biochemistry and Biotechnology

HEAD OF THE DEPARTMENT

Dr. Sudeshna Menon

MEMBERS

Dr. Sebastian VA

Dr. Shital Doshi

Dr. Yogesh Baravalia

Dr. Kinjal Bhatt

Dr. Avni Divatia

Ms. Srishti Chabaria

Dr. Monica Thakur

MANAGEMENT APPOINTEE

Dr. Nandini Ghosh

Ms. Sonal Thakur

Dr. (Fr) Suresh Antony

LABORATORY PERSONNEL

Ms. Nilam Vaghasiya

Ms. Naznin Vohra

UNDERGRADUATE PROGRAMME

Bachelor of Biochemistry

Bachelor of Biochemistry

with Vocational

Biotechnology

Bachelor of Biotechnology

(Self-Financed)

Number of Seats

BSc. Biochemistry: **30**

BSc. Biochemistry with -

Voc. Biotechnology: **30**

BSc. Biotechnology: **60**

MSc. Biochemistry: **20**

MSc. Biotechnology: **30**

POSTGRADUATE PROGRAMME

Masters in Biochemistry

(Self-Financed)

Masters in Biotechnology

(Self-Financed)

Admission Procedure

See Page - **80**

Contact:

biochemistry@sxca.edu.in

In its sojourn towards enthusing students' interest in the subject, the department has focused on three aspects: building a conceptually sound foundation of the subject knowledge; the importance of basic and applied research; and the benefits of the subject in the development of the society. The department has adopted traditional as well as modern methods of teaching and has put a lot of emphasis on learning by doing. The seeds of research, entrepreneurship, innovations, team work and efficient working are sown by the qualified staff members by establishing a one to one interaction with students through mentoring sessions. The department believes in learning and growing together and this belief has seen it grow from a single room to multiple labs with good infrastructure and envisaging a place worth a mention by taking small but definite strides. Our students are pursuing research in premier institutions in India, USA, UK, Australia, Austria, Germany and France. They have also been successful in industries and many of them today are Project Heads.

Vision

Growing into a globally recognized teaching and research facility.

Mission

Excel in Biochemistry and Biotechnology teaching, create excellent students with a skill set benefitting the society.

Undergraduate Programme in Biochemistry

Biochemistry involves the chemistry of life and it touches the various aspects surrounding life as we know it today. Being a relevant field in pure sciences, our department offers a course that is not only interesting but covers a wide range of topics. Basics of cell and molecular biology, microbiology, bio-physics, cell culture techniques etc. are illustrated over the course of three years by the dignified faculties. A relevance of

the theoretical basics to practical work is what makes the course/department unique.

Undergraduate Programme in Biochemistry with Vocational Biotechnology

This program was conceptualized with the thought that the amalgamation of a strong foundation in the subject and an enhanced skill set will be a perfect blend for orienting students towards entrepreneurship. The course work includes a component on entrepreneurship that gives an insight into essentials of beginning a small scale industry. The students opting for this programme will have Biochemistry as the core subject supplemented with additional papers of Vocational Biotechnology each semester. A summer internship is an important feature of this programme.

Undergraduate Programme in Biotechnology

Biotechnology is emerging as a revolutionary field of research and development in the 21st century. With that very concept in mind, here at St. Xavier's College we aim to introduce students to the broad horizons of the science of biotechnology. Being a more practical and analytical approach to the basic

principles of subjects like biochemistry, microbiology, molecular biology, cell biology, immunology, students are given conversance of the fundamentals as well as the practical applications. The course work includes a minor research project in the last semester with the objective of enhancing the ability of students to design experiments, analyse data and understand the relevance of research for development.

Postgraduate Programme in Biochemistry

The Graduate Program in Biochemistry goes into depths of working of the multifaceted proteins, DNA and RNA with the objective of highlighting why understanding basic mechanisms and techniques together ensure significant basic research. The programme is formulated for developing competent Biochemists leading towards a PhD programme. The programme obliges students to read original publications and envisages significant inputs in laboratory work, communication skill, creativity, planning, execution and critical evaluation of the studies undertaken. The students can opt for in house projects or choose to apply to research institutions and industries for the dissertation projects.

Postgraduate Programme in Biotechnology

Biotechnology is a product oriented science that has its applicability in sectors as varied as Agriculture, Food and nutrition, Public health, Therapy and diagnostics, Environment, Textile industry and thus it entails the need to have a strong knowledge base of Metabolism, Molecular biology, Microbiology, Genetic engineering, Bioinformatics, Immunology, Analytical and technical skills. The curriculum of this MSc programme has been designed to ensure that the students strengthen their knowledge base and go through experiential learning modules to hone their technical skills. The curriculum has got acquiescence from professionals in Academics and Industry.

Key areas of research in the department

- Applied Microbial Biotechnology
- Plant Biotechnology
- Plant-microbe interactions
- Protein purification
- Microbiology
- Pharmacognosy
- Cell and molecular biology

Course Structure

BSc Biochemistry

Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	BC-1501	Fundamentals of Biochemistry	4
	BC-1502L	Fundamentals of Biochemistry Lab	3
2	GE-2053	General English	2
	BC-2501	Concepts in Cell Biology	4
	BC-2502L	Fundamentals of Biochemistry Lab - II	3
3	GE-3053	General English	2
	BC-3501	Concepts in Microbiology	4
	BC-3502	Biophysical Chemistry	4
	BC-3503L	Fundamentals of Biophysical techniques and Microbiology	2.5
4	GE-4053	General English	2
	BC-4501	Molecular Physiology	4
	BC-4502	Nutrition	4
	BC-4503L	Nutrition and Heamatology	2.5
5	GE-5053	General English	2
	BC-5501	Metabolism -1	4
	BC-5502	Molecular Biology -1	4
	BC-5503	Enzymology	4
	BC-5504	Applied Biochemistry	4
	BC-5401	Research Methodology and Biostatistics	2
	BC-5505L	Clinical Biochemistry, Molecular Biology, Enzymology	5
6	GE-6053	General English	2
	BC-6501	Metabolism - II	4
	BC-6502	Molecular Biology - II	4
	BC-6503	Immunology	4
	BC-6504	Genetics	4
	BC-6401	Model Organisms	2
	BC-6505L	Biochemistry, Molecular Biology, Immunology and Genetics	5

BSc Biochemistry with Vocational Biotechnology

Sem	Course Code	Title	Credits
1	BT-1401	Plant Biotechnology	2
	BT-1402L	Lab: Plant Tissue Culture	2
2	BT-2401	Biostatistics and Entrepreneurship	2
	BT-2402L	Lab: Mini Projects (in-house) Summer Trainings	2
3	BT-3401	Animal Biotechnology	2
	BT-3402L	Lab: Basic Techniques in Animal Cell Culture and Immunology	2
4	BT-4401	Environmental and Industrial Biotechnology	2
	BT-4402L	Lab: Basic Environmental & Industrial BT techniques Summer Trainings	2
5	BT-5401	Medical Biotechnology	2
	BT-5402L	Lab: Basics of Bioinformatics	2
6	BT-6401	Recombinant DNA Technology	2
	BT-6402L	Lab: Techniques of Recombinant DNA technology	2



Students opting for BSc Biochemistry with Vocational Biotechnology will have to undertake the above courses over and above courses subscribed for BSc Biochemistry.

Course Structure

BSc Biotechnology (SF)

Sem	Course Code	Title	Credits	Sem	Course Code	Title	Credits
1	GE-1053	General English	2		BT-4503L	Fundamentals of Microbiology &	2.5
	EG-1309	Biostatistics	2		CH-4503L	Recombinant DNA Technology	2.5
	BT-1501	Basic Chemistry of Biomolecules	4			Inorganic & Analytical Chemistry Lab	
	CH-1501	General Chemistry -1	4	5	GE-5053	General English	2
	BC-1503	Basics Microbiology	4		BT-5501	Metabolism	4
	BT-1502L	Basic Chemistry of Biomolecules Lab	3		BT-5502	Enzymology	4
	BC-1504L	Basics Microbiology Lab	3		BT-5503	Immunology	4
	CH-1502L	Chemistry Practicals -1	3		BT-5504	Environmental Biotechnology	4
2	GE-2053	General English	2	BT-5401	Genetics	4	
	EG-2301	Environmental Sciences	2	BT-5505L	Fundamentals of Enzymology, Immunotechnology and Environmental Biotechnology	5	
	BT-2501	Cell Biology	4	6	GE-6053	General English	2
	CH-2501	General Chemistry - II	4		BT-6501	Plant Biotechnology	4
	BC-2503	Fluman Physiology	4		BT-6502	Animal Biotechnology	4
	BT-2502L	Basic Techniques of Cell Biology Lab	3		BT-6503	Fermentation Biotechnology	4
	CH-2502L	Chemistry Practicals - II	3		BT-6504	Project	4
	BC-2504L	Hematology & Clinical Biochemistry	3		BT-6401	Entrepreneurship and Bioinformatics	3
3	GE-3053	General English	2		BT-6505L	Fundamentals of Plant and Animal Biotechnology and Fermentation Biotechnology	5
	EG-3309	Mathematics for Biotechnologists	2				
	BT-3501	Concepts in Biophysical Chemistry	4				
	BT-3502	Molecular Biology	4				
	03-3502	Physical Chemistry	4				
	CH-3504	Organic Chemistry	4				
	BT-3503L	Fundamentals of Biophysical Techniques and Molecular Biology Lab	2.5				
CH-3503L	Inorganic & Physical Chemistry	2.5					
4	GE-4053	General English	2				
	EG-4309	Nutrition	3				
	BT-4501	Advanced Concepts in Microbiology	4				
	BT-4502	Recombinant DNA Technology	4				
	CH-4501	Inorganic Chemistry	4				
	CH-4502	Analytical Chemistry	4				



Course Structure

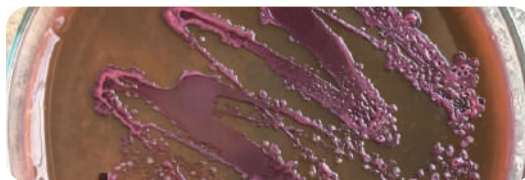
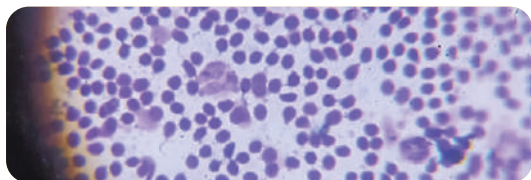
MSc Biochemistry

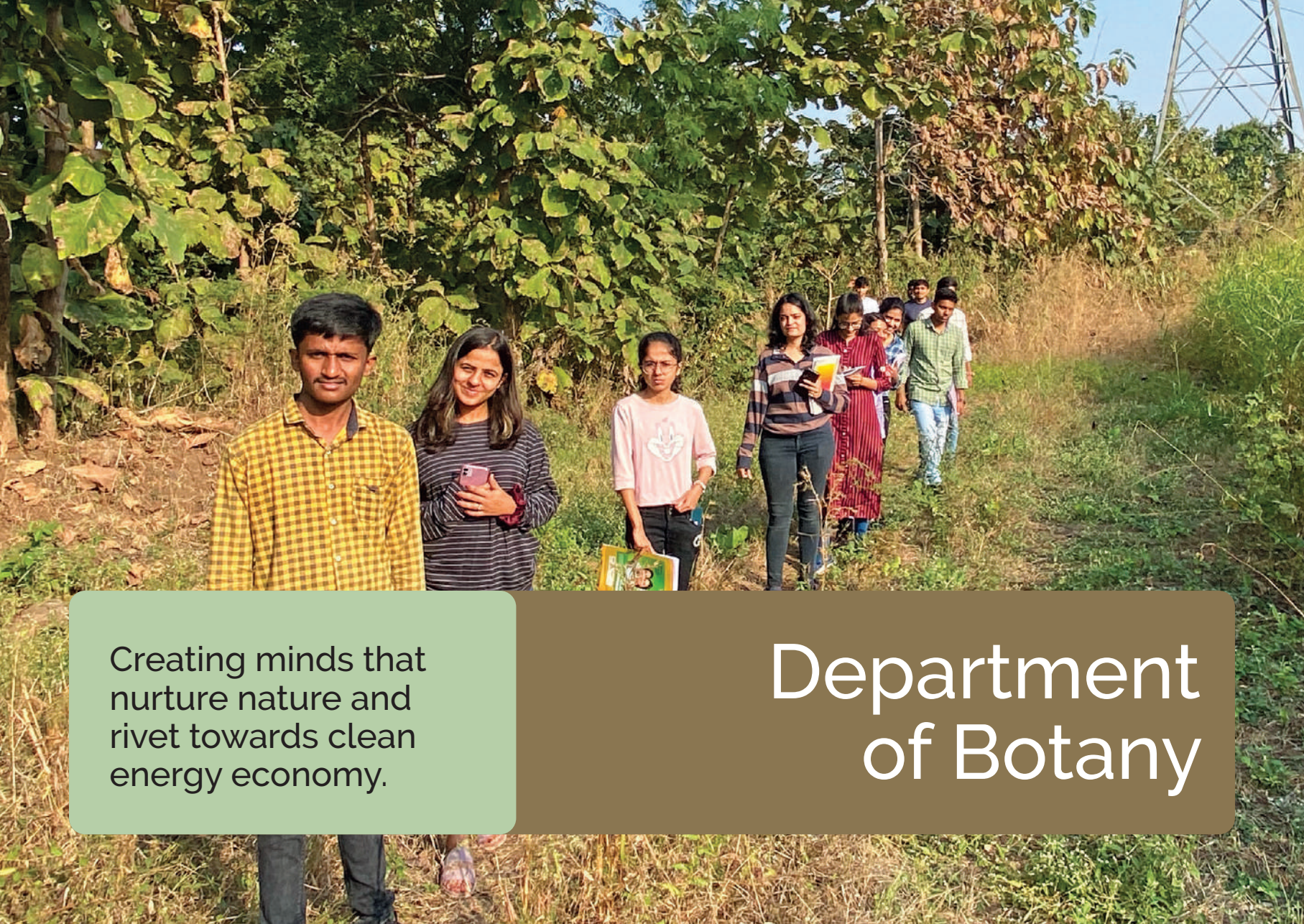
Course Structure

MSc Biotechnology

Sem	Course Code	Title	Credits
1	PBC-1801	Proteins: Structure, Synthesis and Working	4
	PBC-1802	Nucleic Acids	4
	PBC-1803	Carbohydrates and Lipids	4
	PBC-1804	Techniques in Biochemistry	4
	PBC-1805L	Practical Biochemistry -1	4
	PBC-1806L	Practical Biochemistry - II	4
2	PBC-2801	Cell Biology	4
	PBC-2802	Enzymes: Structure to Functions	4
	PBC-2803	Immunology	4
	PBC-2804	Neurobiology	4
	PBC-2805L	Enzymology Lab	4
	PBC-2806L	Cell Biology and Immunology Lab	4
3	PBC-3801	Molecular Biology	4
	PBC-3802	Recombinant DNA Technology	4
	PBC-3803	Plant Biochemistry	4
	PBC-3804	Diseases: Nutritional and Molecular Perspectives	4
	PBC-3805L	Molecular Biology Techniques	4
	PBC-3806L	Techniques in Plant Biochemistry	4
4	PBC4801	Research Methodology and Scientific Writing	4
	PBC4802	Research Project	16
	PBC4803A	Virology	4

Sem	Course Code	Title	Credits
1	PBT-1801	Proteins: Concepts and Applications	4
	PBT-1802	Nucleic Acids: Structure and Working	4
	PBT-1803	Carbohydrates and Lipids	4
	PBT-1804	Biophysical Concepts in Biotechnology	4
	PBT-1805L	Practical Biochemistry	4
	PBT-1806L	Bioanalytical Techniques	4
2	PBT-2801	Cell Biology	4
	PBT-2802	Enzymes: Structure to Functions	4
	PBT-2803	Immunology	4
	PBT-2804	Genetics and Bioinformatics	4
	PBT-2805L	Cell Biology and Enzymology Lab	4
	PBT-2806L	Immunology, Genetics and Bioinformatics Lab	4
3	PBT-3801	Molecular Biology	4
	PBT-3802	Genetic Engineering	4
	PBT-3803	Microbial Biotechnology	4
	PBT-3804	Applied Biotechnology	4
	PBT-3805L	Molecular Biology and rDNA Techniques	4
	PBT-3806L	Microbial and Environmental Biotech Lab	4
4	PBT-4801	Research Methodology	4
	PBT-4802	Research Project	16
	PBT-4803A	Virology	4





Creating minds that
nurture nature and
rivet towards clean
energy economy.

Department
of Botany

HEAD OF THE DEPARTMENT

Dr Rashmi Yadav

MEMBERS

Dr Kinnari J Dubai

Dr Maulik H Gadani

MANAGEMENT APPOINTEE

Dr Suhani Parekh (P.G.
coordinator)

UNDERGRADUATE PROGRAMME

Bachelor of Botany

POSTGRADUATE PROGRAMME

Masters in Botany (Self-Financed)

VALUE-ADDED COURSE

Gardening and Landscaping

PLANT COLLECTOR

Mr Satish Parmar

Number of Seats

BSc Botany: 30

MSc Botany: 30

Admission Procedure

See Page - 80

Contact: botany@sxca.edu.in

Botany was started in the College in 1982. Botany is a basic subject on which the applied biological sciences build. The subject cannot be learnt within the confines of the classroom or the laboratory and hence regular field trips, institutional visits, study tours and group projects are an integral part of the methodology adopted by the department to enhance the interest and the proficiency of the students. The students study the vegetation of Mt. Abu, Sawant wadi, Dediapada, Balaram, Gir, Saurashtra and Kutch under the guidance of expert Taxonomists.

The department treasures a priceless collection of wood samples, seeds, a small herbarium and several rare botanical specimens. During the past two decades, the department has played a stellar role in

setting up the chain of Ecological Niches which makes St. Xavier's College one of the greenest college- campuses in the city. These earlier contained close to 900 species of flora including ornamental & medicinal plants, a Cactarium, a Green House and a lotus pond.

Vision

To develop skilled and scholarly botanists who will be leaders in botanical education and research.

Mission

To excel in transmitting knowledge and skills so as to build botanists who can make meaningful contributions to research and entrepreneurship leading to a sustainable environment.



Undergraduate Programme in Botany

The programme investigates the diversity of life at all levels, from microorganisms, through algae, fungi, mosses, ferns and seed plants to plant communities and their impact on ecosystems. The course work enthuses students to explore the diversity of life in a liberal arts environment through a variety of indoor and outdoor methodologies. Projects in every semester engage the students in a creative process whereby they develop critical and analytical skills and an understanding of the methods by which biologists study nature. The curriculum travels through taxonomy, plant diversity, plant anatomy, embryology, plant physiology, plant genetics, plant biochemistry, plant breeding, molecular biology, bioinformatics, ecology, cytology and through economic botany, ethnobotany, gardening and landscaping, organic agriculture and herbal cosmetology among the applied sectors.

Postgraduate Programme in Botany

A new MSc program in Botany is being offered from 2022-23 with a special focus on Taxonomy, Ethnobotany, Gardening, Medical Botany, Remote Sensing and

Mycology. Students will benefit from the extension linkages that the Department has with tribal and other communities related to ethnobotanical, agricultural, landscaping and taxonomic projects.

Value-added certificate course

A special 30-hour Value-added course on 'Gardening and Horticulture for Beginners' is being offered to a batch of 30 students of the College.

Key areas of research in the department

- Plant Taxonomy and Biodiversity
- Ethnobotany and Ethnomedicine
- Remote Sensing



Course Structure

BSc Botany

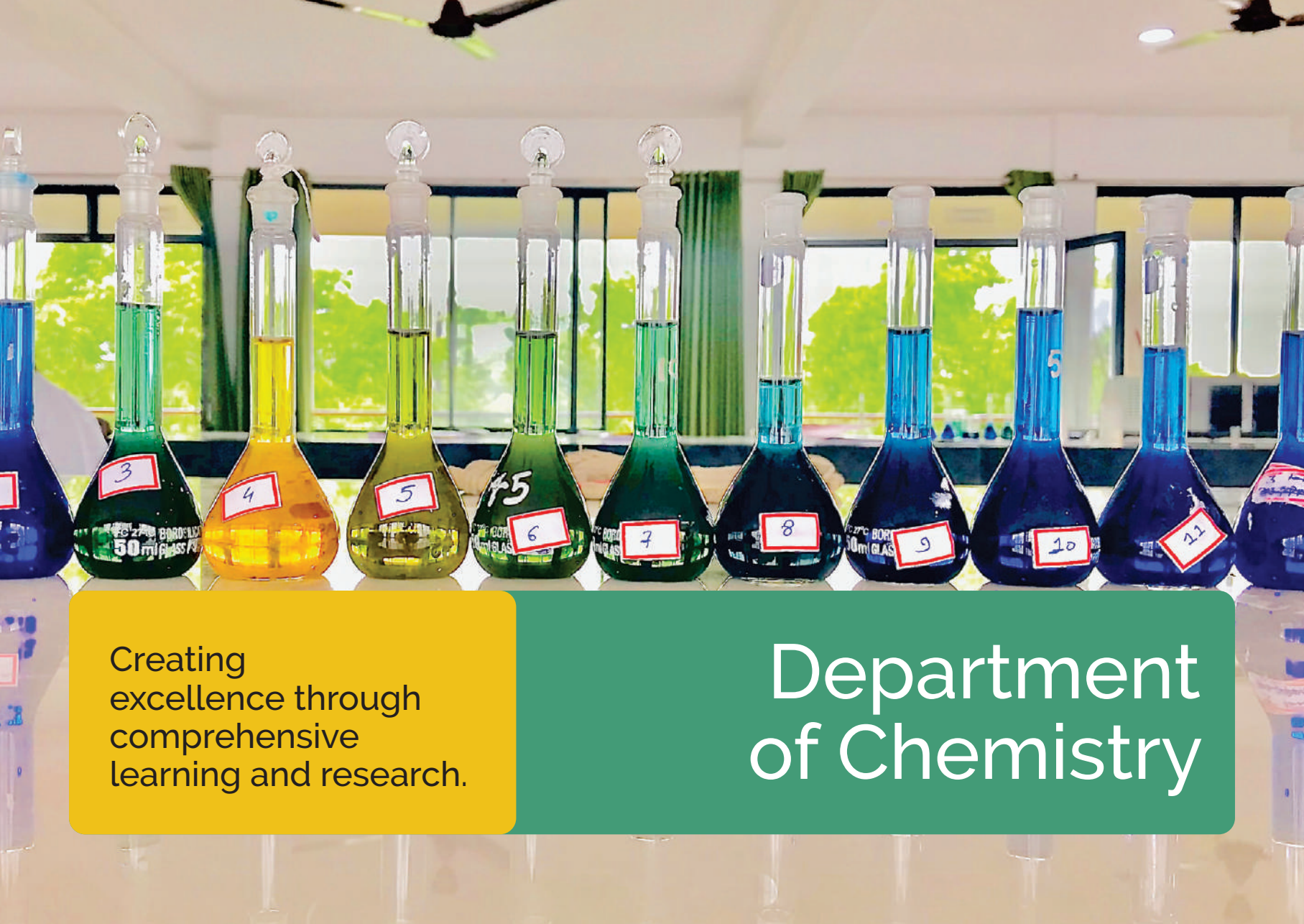
Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	BO-1501	Basics of Botany -1	4
	BO-1502L	Basics of Botany Practicals -1	3
2	GE-2053	General English	2
	BO-2501	Basics of Botany-11	4
	BO-2502L	Basics of Botany Practicals - II	3
3	GE-3053	General English	2
	BO-3501	Basics of Botany-III	4
	BO-3502	Basics of Botany-IV	4
	BO-3503L	Basics of Botany Practicals-III	2.5
4	GE-4053	General English	2
	BO-4501	Basics of Botany-V	4
	BO-4502	Basics of Botany-VI	4
	BO-4503L	Basics of Botany Practicals-IV	2.5
5	GE-5053	General English	2
	BO-5501	Advanced Botany -I	4
	BO-5502	Advanced Botany - II	4
	BO-5503	Advanced Botany-III	4
	BO-5504	Applied Botany -1	4
	BO-5401	Organic Farming	2
	BO-5505L	Advanced Botany Practicals-I	5
6	GE-6053	General English	2
	BO-6501	Advanced Botany-IV	4
	BO-6502	Advanced Botany - V	4
	BO-6503	Advanced Botany-VI	4
	BO-6504	Applied Botany - II	4
	BO-6401	Plant Tissue Culture	2
	BO-6402	Medicinal Botany	2
	BO-6505L	Advanced Botany Practicals- II	5

Course Structure

MSc Botany

Sem	Course Code	Title	Credits
1	PBO-1801	Plant Diversity-I (Microbes and Virus, Algae, Mycology and Bryophytes)	4
	PBO-1802	Taxonomy, Ethnobotany and Ecology	4
2	PBO-1803	Physiology, Anatomy, Embryology and Cytology	4
	PBO-1804	Applied Botany I (Horticulture, Gardening, Post harvesting and Organic farming)	4
3	PBO-1805L	Botany Practicals-I	4
	PBO-1806L	Botany Practicals-II	4
4	PBO-2801	Pteridophytes, Gymnosperms, Applied Mycology and Forestry	4
	PBO-2802	Taxonomy, Ethnobotany and Environmental Biology	4
5	PBO-2803	Plant Physiology, Histochemistry, Enzymology and Immunology	4
	PBO-2804	Applied Botany II (Plant tissue culture, Plant Biotechnology, Genetics and Biosafety & Bioethics)	4
6	PBO-2805L	Botany Practicals-III	4
	PBO-2806 L	Botany Practicals-IV	4





Creating
excellence through
comprehensive
learning and research.

Department
of Chemistry

HEAD OF THE DEPARTMENT

Dr. Atul Makwana

MEMBERS

Dr. Nirmal D Desai
Mr. Dinesh V Katara
Dr. Francis A Christy
Dr. Bijal A Shah
Dr. Mallika Sanyal
Dr. Pranav M Trivedi
Dr. Devang R Pandya

Dr. Divya Gangal
Dr. Divya Buha
Dr. Angel Mary Joseph
Dr. Vijayalakshmi
Pandey

LABORATORY PERSONNEL

Mr. Sunil Macwan
Mr. Shailesh Mistry
Ms. Hetal Makwana
Mr. Ramesh Kalal

MANAGEMENT APPOINTEE

Ms. Deesha Khetani
Dr. Uma Harikrishnan

UNDERGRADUATE PROGRAMME

Bachelor of Chemistry
Bachelor of Chemistry
with Vocational
Industrial Chemistry

Number of Seats
BSc. Chemistry: **30**
BSc. Chemistry with Voc.
Industrial Chemistry: **30**
MSc. Chemistry
(Organic): **30**
MSc. Chemistry
(Analytical): **30**

POSTGRADUATE PROGRAMME

Masters in Chemistry
(Analytical)
Masters in Chemistry
(Organic)

Admission Procedure
See Page - **80**

Contact:
chemistry@sxca.edu.in
pganalytical@sxca.edu.in

Chemistry is one of the fundamental subjects in science and is the heart of many major industries like fine chemicals, dyes, pigments, pharmaceuticals, petroleum, paints etc. Hence a degree in chemistry leads to innumerable choices in career.

The Department of Chemistry was established in 1956 and is one of the largest and most prolific Departments of the College. It has an illustrious history in nurturing the SXCA tradition of excellence and has provided regional leadership in chemical education and research. The Department manages the Centralized Instrumentation Facility established by funding through DST-FIST wherein sophisticated instruments such as FT-IR (ATR), HPLC, Spectrofluorometer, UV-Vis Spectrophotometer etc are housed.

The Department's teaching and research program spans the length and breadth of Chemistry. General areas covered in the curriculum include Organic Chemistry, Inorganic Chemistry, Physical and Analytical Chemistry. The Department also offers two master's programmes with Analytical and Organic Chemistry as specializations. The students of the Master's programme are also placed through campus placements in companies around Ahmedabad such as Piramal Healthcare, O2H group etc.

Vision

The Department of Chemistry seeks to be recognized as one of the best Chemistry Department with acknowledged excellence in teaching, learning, research, and outreach.

Mission

To create and disseminate knowledge in all aspects of the chemical sciences and to strive to enable students to make meaningful contributions to diverse, technological society where they improve the

lives of the citizens in the country through research and service.

Undergraduate Programme in Chemistry

Chemistry is offered as a part of several subject combinations. The thrust is in developing a strong foundation in the basic concepts. The curriculum covers every area of Chemistry, comprising Organic Chemistry, Inorganic Chemistry, Physical and Analytical Chemistry. These basics are supplemented with some current and environmentally relevant topics like Green Chemistry, Soil Chemistry and Everyday Chemistry as electives.



Undergraduate Programme in Chemistry with Vocational Industrial Chemistry

In 1995 the Department also began offering a vocational course in Industrial Chemistry. Keeping in view our goal of making students self-reliant and industrious the vocational course has been designed with entrepreneurship as a basic flavor. The students enrolling in this program have Chemistry as their core subject with additional papers of subjects in Industrial Chemistry. This helps them to learn and train in the area of some of the core industrial aspects.



Under the entrepreneurship skill development program the vocational 1C students run an in-house industrial training unit (ITU) wherein they are trained in purchasing raw materials, manufacturing products such as soap solution, candles and creams; promoting and selling these products in the market. This training contributes immensely in making the students enterprising and self-sustaining.

Post graduate Programme in Chemistry (Organic)

Organic chemistry plays a part in the development of common household chemicals, foods, plastics, drugs, and fuels most of the chemical's part of daily life. Hence, an organic chemist can contribute immensely to research and development of drugs, dyes, paints, fertilizers, and pesticides. The postgraduate programme in Organic Chemistry is the oldest post graduate program in the College and focuses on specialized topics such as medicinal chemistry, bioorganic chemistry, and advanced organic synthesis.

The program also offers courses on natural products, industrial chemistry, cosmetic chemistry and organic spectroscopy.

Post graduate Programme in Chemistry (Analytical)

Chemical Analysis is a common feature linking earth sciences, pharmaceutical sciences, environmental sciences, petrochemical industry, forensic sciences etc. An analytical chemist can identify and solve problems in these varied areas of research. Against this backdrop and with the sole aim of moulding students with the requisite skill-set needed to be employable analysts; M.Sc. Chemistry (Analytical) is being offered. The course has been designed with special emphasis on developing research aptitude, providing a strong background in instrumental techniques and enhancing employability.

The course includes topics such as Qualitative Optical Spectroscopy, Electroanalytical Chemistry, Modern Separation Chemistry, Clinical and Regulatory Aspects of Drug Discovery, Bioanalysis, Environmental Analysis and an industrial training program.

Laboratory facilities

The Department has six well-equipped laboratories wherein students can perform a variety of chemical experiments including organic and inorganic preparations, qualitative and quantitative analysis as well as physical experiments using equipments such as pH meters, potentiometers, refractometers, conductivity meter etc.

Key areas of research in the department

Majority of the faculty members are doctorates, with several of them having PhD guideship; hence the department has contributed towards many students getting their Ph.Ds. The Department has a wide variety of research areas, which makes it vibrant and competitive. Key Areas of research in the Department are:

- Organic Chemistry: Synthetic heterocyclic chemistry, Medicinal Chemistry, Phase transfer catalysis
- Chemistry of Graphene, Polymer Science, Nano Materials and Nano Composites
- Analytical Chemistry, Conductometric and Thermodynamic study of supramolecules with different metal ion
- Thermodynamics and stability of metal ion-crown ether interaction, Quantitative Bioanalysis
- Photo-chemistry, Nano particles, Nano medicines
- Coordination Chemistry (Metal Based Drug).

Course Structure

BSc Chemistry

Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	CH-1501	General Chemistry -1	4
	CH -1502L	Chemistry Practicals -1	3
2	GE-2053	English Compulsory	2
	CH -2501	General Chemistry - II	4
	CH -2502L	Chemistry Practicals - II	3
3	GE-3053	General English	2
	CH -3501	Organic Chemistry	4
	CH -3502	Physical Chemistry	4
	CH -3503L	Inorganic and Physical Chemistry practicals	2.5
4	GE-4053	General English	2
	CH -4501	Inorganic Chemistry	4
	CH -4502	Analytical Chemistry	4
	CH -4503L	Organic and Analytical Chemistry Practicals	2.5
5	GE-5053	General English	2
	CH -5501	Organic Chemistry	4
	CH -5502	Inorganic Chemistry	4
	CH -5503	Physical Chemistry	4
	CH -5504	Analytical Chemistry	4
	CH -5401	Nanomaterials and Nanotechnology	2
	CH -5505L	Chemistry (Practicals 1 & II) (1 - Inorganic and Physical Practicals), (II - Organic and Analytical Practicals)	5
6	GE-6053	General English	2
	CH -6501	Organic Chemistry	4
	CH -6502	Inorganic Chemistry	4
	CH -6503	Physical Chemistry	4

Sem	Course Code	Title	Credits
	CH -6504	Analytical Chemistry	4
	CH -6401	Everyday Chemistry	2
	CH-6505L	Chemistry (Practicals 1 & II) (1 - Inorganic and Physical Practicals), (II - Organic and Analytical Practicals)	5

BSc Chemistry with Vocational Industrial Chemistry

Sem	Course Code	Title	Credits
1	IC-1401	Conceptual Industrial Chemistry	2
	1C-1402L	Industrial Chemistry Practicals -1	2
2	IC-2401	Selected Topics in Industrial Chemistry	2
	IC-2402L	Industrial Chemistry Practicals - II	2
3	IC-3401	Industrial Process Chemistry	2
	IC-3402L	Industrial Chemistry Practicals - III	2
4	IC-4401	Applied Industrial Chemistry	2
	IC-4402L	Industrial Chemistry Practicals - IV	2
5	IC-5401	Pharmaceutical Chemistry	2
	IC-5402L	Industrial Chemistry Practicals - V	2
6	IC-6401	Medicinal Chemistry	2
	IC-6402L	Industrial Chemistry Practicals - VI	2

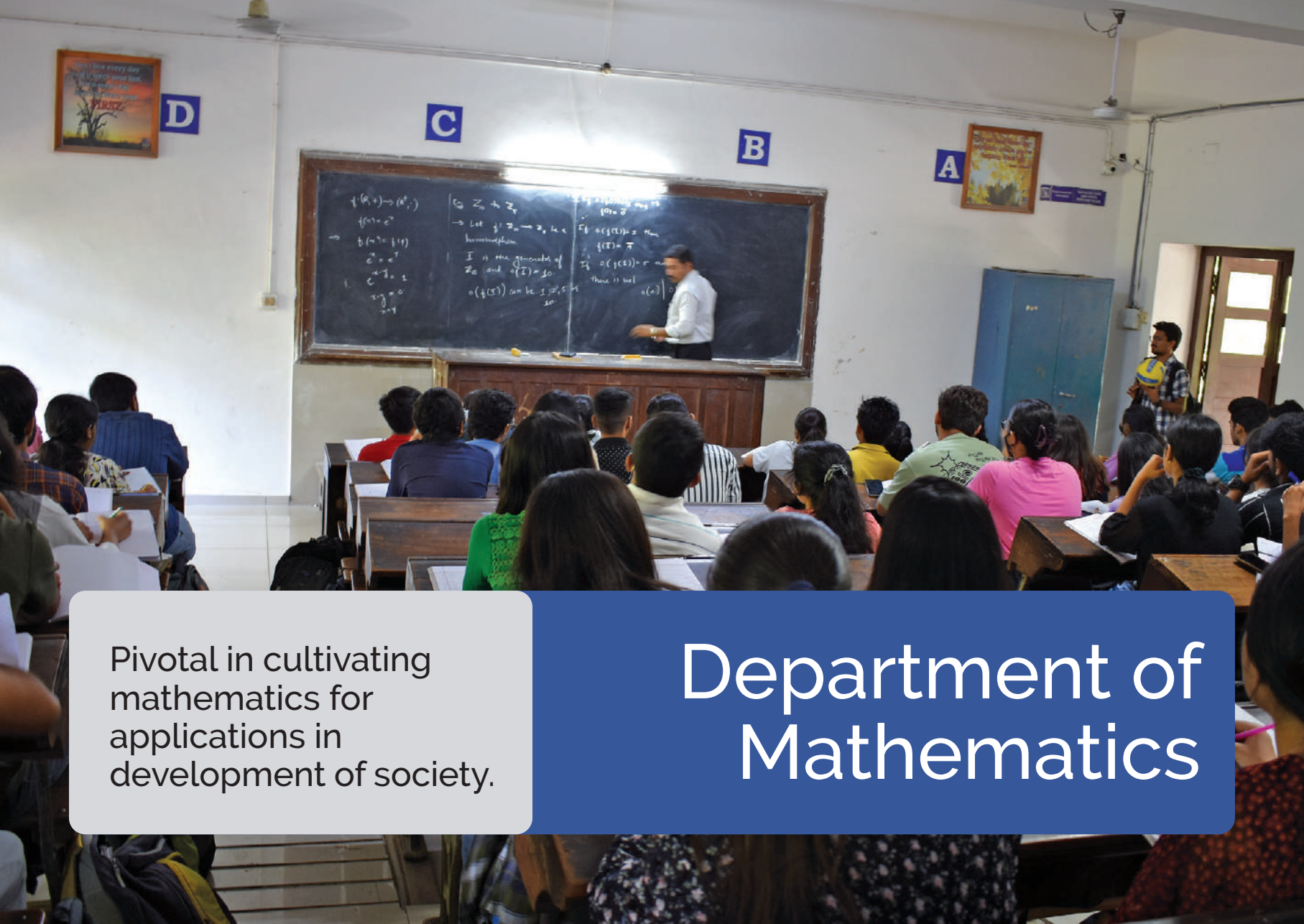
Students opting for BSc Chemistry with Vocational Industrial Chemistry will have to undertake the above courses over and above courses subscribed for BSc Chemistry.

Course Structure
MSc Chemistry (Organic)

Sem	Course Code	Title	Credits
1	PCH-1801	Inorganic Chemistry -1	4
	PCH-1802	Organic Chemistry -1	4
	PCH-1803	Physical Chemistry -1	4
	PCH-1804	Analytical Chemistry -1	4
	PCH-1805L	Inorganic and Organic Chemistry Practicals -1	4
	PCH-1806L	Physical and Analytical Chemistry Practicals -1	4
2	PCH-2801	Inorganic Chemistry - II	4
	PCH-2802	Organic Chemistry - II	4
	PCH-2803	Physical Chemistry - II	4
	PCH-2804	Analytical Chemistry - II	4
	PCH-2805L	Inorganic and Organic Chemistry Practicals - II	4
	PCH-2806L	Physical and Analytical Chemistry Practicals - II	4
3	PCH-3801	Natural Products and Biomolecules	4
	PCH-3802	Medicinal Chemistry	4
	PCH-3803	Organic Spectroscopy	4
	PCH-3804	Industrial Chemistry	4
	PCH-3805L	Organic Preparations	4
	PCH-3806L	Organic Estimations	4
4	PCH-4801	Advanced Organic Chemistry	4
	PCH-4802	Advanced Organic Synthesis	4
	PCH-4803	Bioorganic Chemistry	4
	PCH-4804	Selected Topics in Medicinal Chemistry	4
	PCH-4805L	Industrial Training	4
	PCH-4806L	Organic Preparations and Estimations	4

Course Structure
MSc Chemistry (Analytical)

Sem	Course Code	Title	Credits
1	PCH-1851	Inorganic Chemistry -1	4
	PCH-1852	Organic Chemistry -1	4
	PCH-1853	Physical Chemistry -1	4
	PCH-1854	Analytical Chemistry -1	4
	PCH-1855L	Inorganic and Organic Chemistry Practicals -1	4
	PCH-1856L	Physical and Analytical Chemistry Practicals -1	4
2	PCH-2851	Inorganic Chemistry - II	4
	PCH-2852	Organic Chemistry - II	4
	PCH-2853	Physical Chemistry - II	4
	PCH-2854	Analytical Chemistry - II	4
	PCH-2855L	Inorganic and Organic Chemistry Practicals - II	4
	PCH-2856L	Physical and Analytical Chemistry Practicals - II	4
3	PCH-3851	Analytical Spectroscopy -1	4
	PCH-3852	Electroanalytical Methods	4
	PCH-3853	Industrial Analytical Chemistry	4
	PCH-3854	Forensic Sciences	4
	PCH-3855L	Analytical Instrumental Techniques	4
	PCH-3856L	Industrial Applications & Titrimetric Methods	4
4	PCH-4851	Analytical Spectroscopy - II	4
	PCH-4852	Pharmaceutical Chemistry	4
	PCH-4853	Advanced Analytical Instrumentation	4
	PCH-4854	Environmental Chemistry	4
	PCH-4855L	Industrial/Pharmaceutical Analytical Chemistry	4
	PCH-4856L	Analytical Chemistry - Dissertation/ Industrial Training	4



Pivotal in cultivating mathematics for applications in development of society.

Department of Mathematics

HEAD OF THE DEPARTMENT

Dr Udayan Prajapati

MEMBERS

Dr Sanjay Patel

Dr Dhawal J Bhatt

Dr Savan K Patel

MANAGEMENT APPOINTEE

Mr Kishan I Vyas

Ms Arti Salat

Dr Kinjal Shah

UNDERGRADUATE PROGRAMME

Bachelor of Mathematics

POSTGRADUATE PROGRAMME

Masters in Mathematics

Number of Seats

BSc. Mathematics: **30**

BSc. Mathematics (Self

-Financed): **30**

MSc. Mathematics: **30**

Admission Procedure

See Page - **80**

Contact:

mathematics@sxca.edu.in

Study of Mathematics includes quantity, structure, space and change. Mathematicians seek out patterns, formulate new conjecture and establish truth by rigorous deduction from appropriately chosen axioms and definitions. Mathematics is used as an essential tool in natural sciences, engineering, medicine and the social sciences.

The department of Mathematics was started in 1955 with an undergraduate program. Under the autonomous system, the department has launched a graduate program. Studying mathematics develops skills such as arguing logically and rigorously, formulating and solving problems and analysing data. Consequently, Mathematics Majors perform well in competitive exams like UPSC, SSC, GPSC, TAS, CAT, GMAT banking exams, etc. So students who want to pursue M.B.A, M.C.A, P.G.D.C.A. or to appear for banking and insurance sector exams prefer to take mathematics as a main subject. Students who want to pursue a career in computers or IT also opt for mathematics..

Vision

To be at the vanguard of knowledge in the domain of higher learning and achieve the highest standards in Mathematics.

Mission

To achieve excellence in empowering the students through building mathematical aptitude, and research that cultivates mathematicians who can contribute to Nation building

Undergraduate Programme in Mathematics

A bachelor's degree in mathematics prepares one for think logically, plan strategically and then apply the appropriate methods to solve the problem based on the acquired knowledge. It has a myriad of opportunities in actuarial sciences, mathematical modelling and mathematics education as well as for graduate school leading to a research career in mathematics or statistics. A strong background in mathematics helps in research in many areas of computer science, bioinformatics, computational biology and social sciences.

The department encourages the students to take part in the following activities:



The department sends students every year to the Mathematical Training and Talent Search programmes (M.T.T.S.) supported by the National Board of Higher Mathematics.

The department sends female students every year to the Summer School for women in Mathematics & Statistics organized by International Centre for Theoretical sciences (TIFR)

Postgraduate Programme in Mathematics

The Master's Program in Mathematics gives an opportunity to the students to broaden their knowledge in the subject with a focus on applications. The programme is designed to ensure that students are able to do well in competitive exams. The understanding of the different modules will prepare the students to take up teaching profession and for careers in the government sector; corporates, and research institutes. The programme will also enthuse students to pursue their doctoral studies. The prerequisite for a student to enrol in this programme is to have an undergraduate degree in Mathematics with a minimum aggregate percentage of 60%

Key areas of research in the department

- Graph Theory
- Approximation Theory with Positive Linear Operators
- Functional Analysis
- Operation Research
- Number Theory
- Mathematical Modeling

- MMC (Madhava Mathematics Competition- National Level)
- Prof. A. R. Rao Mathematics Competition
- NMTC (National Mathematics Talent Competition- Senior level)
- GGMC (Gujarat Ganit Mandal Conference)
- Science Excellence
- Undergraduate Research in Mathematics
- Workshop on Mathematical Models making
- Fr. Valles Lecture Series is initiated to honour one of the founding fathers of the department of Mathematics at SXCA.
- Simon Marais Mathematics Competition
- Problem Solving & Enrichment in Mathematics

Course Structure

BSc Mathematics (Aided and Self Finance)

Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	MT-1501	Matrix Algebra and Co-ordinate Geometry	4
	MT-1502L	Matrix Algebra and Co-ordinate Geometry Practical	3
	EG-1308	Matrix Algebra through SCILAB	2
	EG-1313	Elementary Mathematics with SageMath	2
2	GE-2053	General English	2
	MT-2501	Calculus and Differential Equations	4
	MT-2502L	Calculus and Differential Equations Practical	3
3	GE-3053	General English	2
	MT-3501	Advanced Calculus -1	4
	MT-3502	Linear Algebra -1	4
	MT-3503L	Practical Based on MT 3501, MT 3502 and Numerical Methods	2.5
	MT-3504L	Practical Based on Numerical Analysis through Computer - I	2.5
	EG-3308	Logical and Analytical Reasoning	2
4	GE-4053	General English	2
	MT-4501	Advanced Calculus - II	4
	MT-4502	Abstract Algebra -1	4
	MT-4503L	Practical Based on MT 4501, MT 4502 and Numerical Methods	2.5
	MT-4504L	Practical Based on Numerical Analysis through Computer - I	2.5
	EG-4308	Latex for Mathematics and Science	2

Sem	Course Code	Title	Credits
5	GE-5053	General English	2
	MT-5501	Linear Algebra - II	4
	MT-5502	Analysis -1	4
	MT-5503	Complex Variables and Fourier series	4
	MT-5504	Mathematical Programming	4
	MT-5505L	Practical based on MT 5501, MT 5502, MT 5503 and MT 5504	5
	MT-5401	Discrete Mathematics	2
	MT-5402	Number Theory	
	MT-5404	Combinatorics	
	MT-5405	Financial Mathematics	
MT-5406	Mathematical Statistics		
6	GE-6053	General English	2
	MT-6501	Abstract Algebra – II	4
	MT-6502	Analysis – II	4
	MT-6503	Analysis – III	4
	MT-6504	Graph Theory	4
	MT-6401	Operations Research	2
	MT-6402	C Programming for Mathematical Problems	
	MT-6403	Cryptography	2
	MT-6404	Computational Mathematics with SageMath	
	MT-6406	Convex Analysis and Probability Theory	
MT-6407	Bio-Mathematics	2	
MT-6408	Mechanics		
MT-6505L	Practical based on MT 6501, MT 6502, MT 6503 and MT 6504	5	

Course Structure

MSc Mathematics

Sem	Course Code	Title	Credits
1	PMT-1801	Metric Space	4
	PMT-1802	Number Theory	4
	PMT-1803	Complex Analysis -1	4
	PMT-1804	Ordinary Differential Equation	4
	PMT-1805L	Practical based on papers MA-1801 and MA-1802	4
	PMT-1806L	Practical based on papers MA-1803 and MA-1804	4
2	PMT-2801	Abstract Algebra -1	4
	PMT-2802	Topology	4
	PMT-2803	Complex Analysis - II	4
	PMT-2804	Partial Differential Equation	4
	PMT-2805L	Practical based on papers MA-2801 and MA-2802	4
	PMT-2806L	Practical based on papers MA-2803 and MA-2804	4
3	PMT-3801	Abstract Algebra - II	4
	PMT-3802	Measure and Integration	4
	PMT-3803A	Numerical Analysis	4
	PMT-3803B	Advance Linear Algebra	4
	PMT-3804A	Mathematical Programming	4
	PMT-3804B	Financial Mathematics	
PMT-3804C	Combinatorics		
PMT-3805L	Practical based on papers PMT3801 and PMT3802	4	
PMT-3806L	Practical based on papers PMT3803 and PMT3804	4	
4	PMT-4801	Advanced Calculus	4
	PMT-4802	Functional Analysis	4

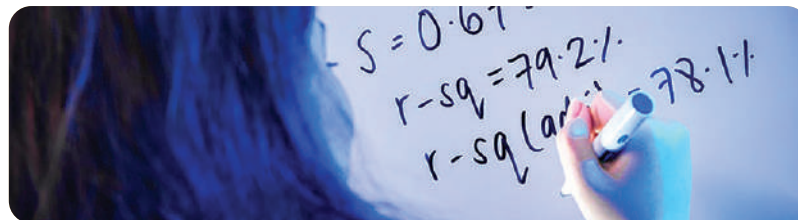
Sem	Course Code	Title	Credits
4	PMT-4803A	Advanced Numerical Analysis	4
	PMT-4803B	Mathematical Methods	
	PMT-4804A	Graph Theory	4
	PMT-4804B	Quantitative Techniques	
	PMT-4804C	Differential Geometry	
	PMT-4805L	Practical based on papers PMT4801 and PMT4802	4
PMT-4806L	Practical based on papers PMT4803 and PMT4804	4	

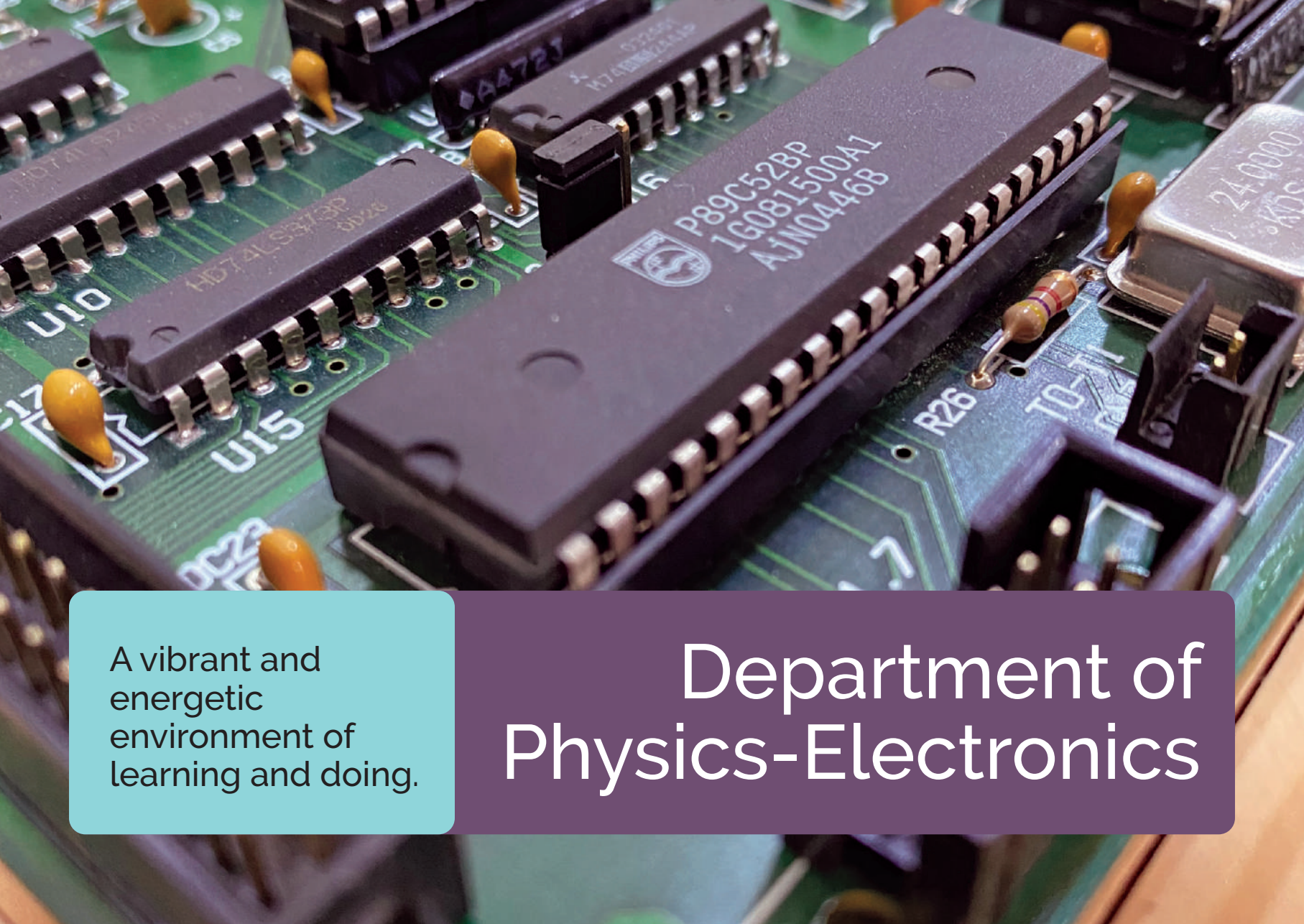


Course Structure

BSc Mathematics (Self Finance)

Sem	Course Code	Title	Credits	Sem	Course Code	Title	Credits
1	MT-1551	Matrix Algebra and Co-ordinate Geometry	4	5	MT5554	Mathematical Programming	4
	MT-1552L	Matrix Algebra and Co-ordinate Geometry - Lab	3		MT5451	Discrete Mathematics	2
	EG-1314	Logic	2		MT5452	Elementary Number Theory	
2	MT-2551	Calculus and Differential Equations	4		MT5555L	Practical I based on MT5551 and MT5552 Practical II based on MT5553 and MT5554	5
	MT-2552L	Calculus and Differential Equations - Lab	3		6	MT6551	Abstract Algebra II
3	MT3551	Advanced Calculus I	4	MT6552		Analysis II	4
	MT3552	Linear Algebra I	4	MT6553		Analysis III	4
	MT3553L	Practical based on MT3551, MT3552 & Numerical Methods	2.5	MT6554		Graph Theory	4
	MT3554L	Practical based on Numerical Analysis through Computer-I		MT6451		Operation Research	2
	EG3307	Logical and Analytical Reasoning	2	MT6452		C programming for Mathematical Problems	
4	MT4551	Advanced Calculus II	4	MT6453		Cryptography	5
	MT4552	Abstract Algebra I	4	MT6454		Computational Mathematics with SageMath	
	MT4553L	Practical based on MT4551, MT4552 & Numerical Methods	2.5	MT6555L		Practical I based on MT6551 and MT6552 Practical II based on MT6553 and MT6554	
	MT4554L	Practical based on Numerical Analysis through Computer-II					
	EG4407	Latex for Mathematical Science	2				
5	MT5551	Abstract Algebra I	4				
	MT5552	Analysis I	4				
	MT5553	Complex Variables and Fourier Series	4				





A vibrant and energetic environment of learning and doing.

Department of Physics-Electronics

HEAD OF THE DEPARTMENT

Dr. Rajesh Iyer

COORDINATOR

Dr. Mrudul R Gadhvi

MEMBERS

Dr. Arun P Patel

Dr. Anita R Sharma

Dr. Urvi V Chhaya

Dr. Nandita D Ganguly

Dr. Jesalvir J Joshi

Dr. Shailesh M Patel

Dr. Sanjeev K. Gupta

MANAGEMENT APPOINTEE

Dr. (Fr) Johnson

Mundupuzhakal, S.J.

Dr. Kuldeep Purohit

Dr. Biren Patel

Dr. Gurudutt Gaur

Mr. Akshay Satwara

LABORATORY

PERSONNEL

Hirabhai Pateliya

Mahipal Chavda

Janak Parekh

Rafal Abhishek Joji

UNDERGRADUATE PROGRAMME

Bachelor of Electronics

Bachelor of Physics

POSTGRADUATE PROGRAMME

Masters in Physics

CERTIFICATE COURSE

Digital Design and verification

Number of Seats

BSc. Electronics: **30**

BSc. Physics: **30**

MSc. Physics: **25**

Admission Procedure : See Page - 80

Contact: physics-electronics@sxca.edu.in

Physics is a journey from physical to metaphysical. It helps us to understand the working of the world around us and to connect fundamental concepts with apparent dissimilar realities: smooth flow of ketchup to music from a flute, cell phones and cell signaling to rockets, positron to galaxies, optical illusion to stellar complexes, dark matter and antimatter, and neurons to brain.

Reverberating with the foundations of Physics, the department is known for its academic excellence and offering research opportunities to students in the final year. It has a theoretical Physics laboratory and Nanoparticle Research Laboratory with computational facility to meet the need of lovers of Physics. The department regularly offers seminars and talks in astronomy, condensed matter physics, theoretical physics and environmental physics under the title 'Physics for Tomorrow'.

Vision

Physics & Electronics department aspires to be the leading voice and driving force in Physics & Electronics education.

Mission

To groom young scholars of merit in Physics & Electronics with a right balance of intellectual, emotional and cultural growth. Inculcating value system and nurturing sensitivity and tolerance towards fellow human beings, will be our priority.

Undergraduate Programmes in Physics and Electronics

The department offers degree programmes in Physics and Electronics. The courses help to gain knowledge from basic to advanced matter as well as practical skills to work at the forefront of this exciting and developing field. The programmes help to develop independent

thinking, observational, quantitative, analytical and communication skills that are required for a career in Physics-Electronics.

Postgraduate Programmes in Physics

A Graduate course in Physics enables students to explore exciting careers in national and international research laboratories related to the diverse branches of Physics, academic institutions, space organization, meteorology departments, medical industry, electronics industry, public services, Armed forces etc.

Certificate Course in Digital Design & Verification

Introduced to initiate Third year B.Sc. and M.Sc. Physics & Electronics students for a career in the fields of:

- Functional design of digital logic
- Functional verification of large-scale digital System-on-a-Chips (SoCs)
- Electronic Design Automation (EDA) tool development

This course will be offered if a basic number of students register for the same.

Key areas of research in the department

- Ionospheric Physics Radio Wave Communication
- Condensed Matter Physics (Theoretical)
- Nanoscience

Course Structure

BSc Electronics

Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	EL-1501	Basics of Electronics -1	4
	EL-1502L	Electronics lab -1	3
	EG-1302	How Things Work	2
2	GE-2053	General English	2
	EL-2501	Basics of Electronics - II	4
	EL-2502L	Electronics lab - II	3
3	GE-3053	General English	2
	EL-3501	Basic Analog Electronics -1	4
	EL-3502	Signals and digital electronics	4
	EL-3503L	Electronics Lab - III	2.5
	EG-3302	C Programming	2
	EG-3306	Mathematical Methods in Physics	2
4	GE-4053	General English	2
	EL-4501	Operational Amplifier	4
	EL-4502	Digital Electronics & Microprocessor	4
	EG-4302	Nanoscience and Nanotechnology	2
	EL-4503L	Electronics Lab - IV	2.5
5	GE-5053	General English	2
	EL-5501	OPAMP applications and Semiconductor Physics	4
	EL-5502	Digital Design and Microprocessor	4
	EL-5503	Electronic Instrumentation and Transducer	4
	EL-5504	Electronic Communication and Optical fibre	4
	EL-5401	Introduction to Single board computers with Python/C++	2
	EL-5505L	Electronics Lab - V	5

BSc Electronics

Course Structure

BSc Physics

Sem	Course Code	Title	Credits
6	GE-6053	General English	2
	EL-6501	OPAMP Application and Power Electronics	4
	EL-6502	Introduction to Microcontroller	4
	EL-6503	Electronic Communication and Cell Phone Technology	4
	EL-6504	Electrodynamics and DSP	4
	EL-6401	Project	2
	EL-6505L	Electronics Lab-VI	5



Course Structure

BSc Physics

Sem	Course Code	Title	Credits
1	GE-1053	General English	2
	PH-1501	Basic Physics -1	4
	PH-1502L	Physics Lab -1	3

Sem	Course Code	Title	Credits	
2	GE-2053	General English	2	
	PH-2501	Basic Physics - II	4	
	PH-2502L	Physics Lab - II	3	
3	GE-3053	General English	2	
	PH-3501	Advanced Physics -1	4	
	PH-3502	Advanced Physics - II	4	
3	PH-3503L	Physics Lab - III	2.5	
	4	GE-4053	General English	2
		PH-4501	Modern Physics -1	4
PH-4502		Classical Physics -1	4	
PH-4503L		Physics Laboratory - IV	2.5	
5	GE-5053	General English	2	
	PH-5501	Mathematical Physics, Classical Physics & Quantum Mechanics	4	
	PH-5502	Molecular Spectroscopy, Statistical Mechanics & Solid State Physics	4	
	PH-5503	Electricity, Magnetism & Nuclear Physics -1	4	
	PH-5504	Electronics -1	4	
5	PH-5401	Introduction to Plasma Physics	2	
	PH-5505L	Physics Practical - V	5	
	6	GE-6053	General English	2
PH-6501		Adv. Quantum Mechanics	4	
PH-6502		Molecular Spectroscopy, Lasers & Statistical Mechanics	4	
6	PH-6503	Electromagnetism, Solid State Physics and Nuclear Physics - II	4	
	PH-6504	Electronics - II	4	
	PH-6401	Project	2	
6	PH-6505L	Physics Lab - VI	5	

Course Structure

MSc Physics

Sem	Course Code	Title	Credits
1	PPH-1801	Mathematical Physics 1 & Quantum Mechanics	4
	PPH-1802	Analog Electronics	4
	PPH-1803	Numerical Methods & Computer Programming in C	4
	PPH-1804	Solid State Physics	4
	PPH-1805L	Practicals -1	4
	PPH-1806L	Practicals - II	4
2	PPH-2801	Digital Electronics & Microprocessors	4
	PPH-2802	Electrodynamics	4
	PPH-2803	Classical Mechanics and Computational Physics	4
	PPH-2804	Quantum Mechanics - II, NMR and Lasers	4
	PPH-2805L	Practicals -1	4
	PPH-2806L	Practicals - II	4
3	PPH-3801	Electronics Communication & Microprocessor Interfacing	4
	PPH-3802	Nano Science & Photo Voltaic System	4
	PPH-3803	Adv. Topics in Quantum and Statistical Mechanics	4
	PPH-3804	Introduction to Atmospheric Science & Plasma Science	4
	PPH-3805L	Practicals -1	4
	PPH-3806L	Practicals - II	4
4	PPH-4801	Instrumentation & Microcontrollers	4
	PPH-4802	Adv. Theoretical Physics & Cosmology	4
	PPH-4803	Adv. Nuclear Physics	4

Sem	Course Code	Title	Credits
4	PPH-4804	Atmospheric Sciences & Astronomy	4
	PPH-4805L	Physics Laboratory	4
	PPH-4806L	Project	4





Collecting, analyzing
and interpreting
data is fun.

Department of Statistics

HEAD OF THE DEPARTMENT

Dr. Nandita Christy

MEMBERS

Dr. Shraddha Bhatt

Dr. Kirtan Parmar

Dr. Aruna Pandya

MANAGEMENT APPOINTEE

Dr. Sweta Patel

UNDERGRADUATE PROGRAMME

Bachelor of Statistics

Number of Seats

BSc. Statistics: **30**

Admission Procedure

See Page - **80**

Contact: statistics@sxca.edu.in

Collecting, analyzing, inferring data to validate a study by increasing consistency and minimizing uncertainty is at the crux of Statistics as a subject. Research today is not accepted without statistical analysis. The subject has burgeoned into data mining, big data analysis, machine learning and data visualizing. Hence, the statistics department today has forayed into the “Gateway to Data Science”, giving thrust to building the latest skill set in their students. Other than the conventional undergraduate programme in Statistics offered to the Science Stream, the department also offers the subject to Arts Stream. Moreover, due to an increasing demand for Big Data Analytics, the department has collaborated with Tata Consultancy Services to plan and design a curriculum for post graduate studies.

Vision

To become globally accredited and highly respected center for data science to nurture budding statisticians, who are ethically and socially conscientious and committed to excellence.

Mission

To attain academic excellence by acquiring the skills of statistics, and expanding the knowledge of students through innovative

teaching, learning and extension activities.

Undergraduate Programme in Statistics

The department offers courses in Statistics at the undergraduate level to both Arts and Science students. It also offers an elective paper to third year students.

This degree will give knowledge of Statistics along with a broad grounding in other allied subjects. The department offers a three year programme. The main objective of this course is to introduce to the students the basic concepts of probability, random variable, expectation, raw and central moments and least square method. The course will enable distinguishing between random and non-random experiments, to find the probabilities of events, to fit various mathematical curves (linear and non-linear) to observe data, to discuss idea of statistical quality control, and to discuss hypothesis testing.

Key areas of research in the department

- Statistical Inference

Course Structure

BSc Statistics

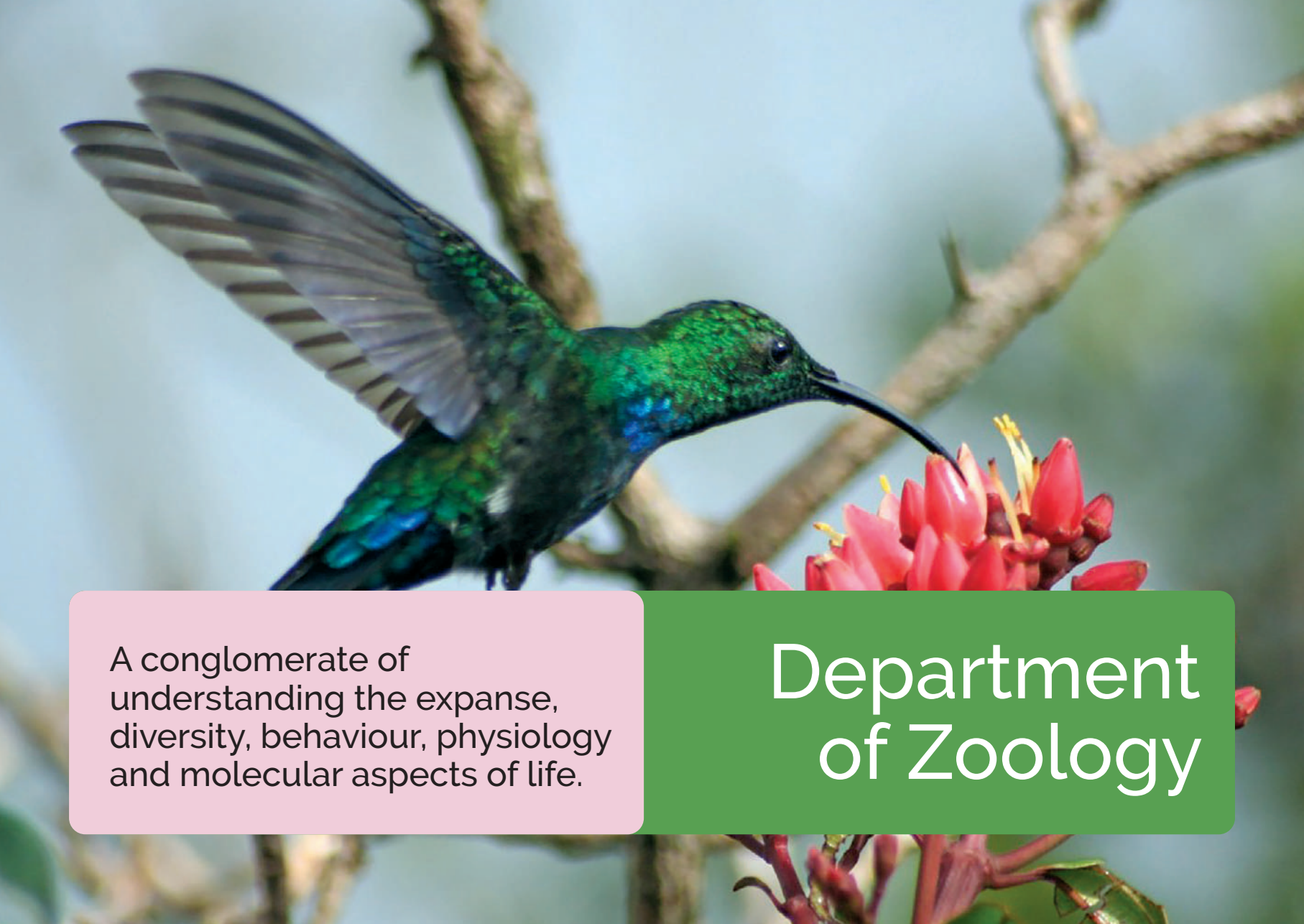
Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	ST-1501	Descriptive Statistics and	4
	ST-1502L	Probability Theory	3
	EG-1310	Statistics Practical	2
		Economic Statistics -1	
2	GE-2053	General English	2
	ST-2501	Mathematical Statistics -1	4
	ST-2502L	Statistics Practical - II	3
3	GE-3053	General English	2
	ST-3501	Probability Distribution Theory -I	4
	ST-3502	Applied Statistics -I	4
	ST-3503L	Statistics Practical - III	2.5
	EG-3312	Business Statistics	2
4	GE-4053	General English	2
	ST-4501	Probability Distribution Theory - II	4
	ST-4502	Applied Statistics - II	4
	ST-4503L	Statistics Practical - IV	2.5
	EG-4309	Statistics in Psychology and Education	2
5	GE-5053	General English	2
	ST-5501	Sampling Distribution	4
	ST-5502	Statistical Inference	4
	ST-5503	Sampling Techniques	4
	ST-5504	Operations Research -I	4
	ST-5401	Statistics Using R	2
	ST-5505L	Statistics Practicals - V	5
6	GE-6053	General English	2
	ST-6501	Probability Theory	4
	ST-6502	Design of Experiments	4
	ST-6503	Statistical Quality Control	4

Sem	Course Code	Title	Credits
6	ST-6504	Operations Research - II	4
	ST-6401	Advanced R - Programming	2
	ST-6505L	Statistics Practicals - VI	5

Statistics (Allied Required)

Sem	Course Code	Title	Credits
1	ST-1101	Statistical Methods -I	4
	ST-1102	Mathematical Methods Statistics -I	4
2	ST-2101	Applied Statistics -I	4
	ST-2102	Statistical Methods - II	4
3	ST-3101	Mathematical Methods for Statistics - II	4
	ST-3102	Statistical Methods - III	4
4	ST-4101	Applied Statistics - II	4
	ST-4102	Operations Research	4





A conglomerate of understanding the expanse, diversity, behaviour, physiology and molecular aspects of life.

Department
of Zoology

HEAD OF THE DEPARTMENT

Dr. Mohammed Ali Momin

MEMBERS

Dr. Sharadkumar Sondarva

Dr. Robin M Parmar

Dr. Amit J Koshti

LABORATORY PERSONNEL

Mr. Ambalal Macwan

Mr. Kamlesh Vankar

UNDERGRADUATE PROGRAMME

Bachelor of Zoology

Number of Seats

BSc. Zoology: 30

Admission Procedure

See Page - 80

Contact: zoology@sxca.edu.in

Zoology was one of the first departments to be established when the college itself was instituted in 1956. Zoology focuses on the structure, behaviour and evolution of animals. Classroom and theoretical professing is not sufficient for understanding the subject and therefore, study tours and visits to Zoological Parks are integrated in the course structure. The students have visited National Parks like Gir & Kanha and sea coasts of Tamil Nadu, Goa, Ratnagiri, Okha, Dwarka and Diu. The students have also visited inland fisheries centers at Lingda and the Ukai Dam. Visits to the Indroda Park, to Zoological gardens and scientific institutes like the Community Oncology Centre (Cancer Inst.) and the renowned Gandhinagar FSL are a regular part of the yearly program. The department also treasures a collection of preserved fauna.

Vision

To secure a place amongst the proven institutes of Zoology.

Mission

To generate versatile eco sensitive and socially conscious Zoology students that would benefit the animal kingdom as- well-as all other allied subjects.

Undergraduate Programme in Zoology

An undergraduate course in Zoology designed with a research orientation, deals with animal behaviour, anatomy and their ecology. It is a conglomerate of understanding the animal world from both outside as well as at the molecular level. The syllabus comprises physiology, biochemistry, animal diversity (nonchordates and chordates), ecology, cancer biology, cytology, genetics, animal biotechnology, organic evolution, biophysics, some physico-chemical laws applied to physiology, applied entomology, fishery, poultry science, wildlife of India, and human parasitology.

Key areas of research in the department

- Toxicology
- Ecology
- Animal behaviour
- Wildlife
- Genotoxicity

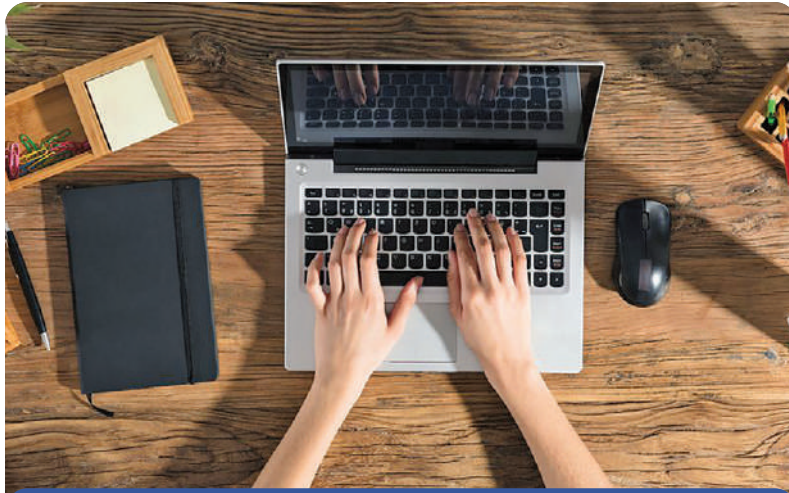
Course Structure

BSc Zoology

Sem	Course Code	Title	Credits
1	GE-1052	General English	2
	ZO-1501	Basics of Zoology -1	4
	ZO-1502L	Basics of Zoology Practical -1	3
2	GE-2053	General English	2
	ZO-2501	Basics of Zoology - II	4
	ZO-2502L	Basics of Zoology Practical - II	3
3	GE-3053	General English	2
	ZO-3501	Animal Diversity (Nonchordates) and Genetics	4
	ZO-3502	Animal Diversity (Chordates) Cytology and Human Histology	4
	ZO-3503L	Zoology Practicals - III	2.5
4	GE-4053	General English	2
	ZO-4501	Animal Biochemistry, Biophysics, Animal Physiology	4
	ZO-4502	Applied Zoology	4
	ZO-4503L	Zoology Practicals - IV	2.5
5	GE-5053	General English	2
	ZO-5501	Animal Diversity (Nonchordates)	4
	ZO-5502	Animal Diversity (Chordates)	4
	ZO-5503	Animal Biochemistry And Metabolism	4
	ZO-5504	Cytology, Developmental Biology	4
	ZO-5401	Biostatistics, Human Reproductive Health, Zoological Parks, Nutrition	2
	ZO-5505L	Zoology Practicals - V	5
6	GE-6053	General English	2
	ZO-6501	Ecology, Pollution, Animal Diversity (Chordates) Mol. Biol. & Genetics	4

Sem	Course Code	Title	Credits
6	ZO-6502	Human Physiology	4
	ZO-6503	Toxicology, Animal Biotechnology, Animal Behavior, Mammalian Histology	4
	ZO-6504	Applied Zoology	4
	ZO-6401	Cancer Biology, Cytological Techniques	2
	ZO-6505L	Zoology Practicals - VI	5





How to Apply

Admission Policy

St. Xavier's College is a religious minority institution and seeks to provide higher education to not only the children of the Christian Community but to students of all castes and creeds, especially those who are socially discriminated. This is in the spirit of universality that has always characterized Christian education.

Universality

St. Xavier's College admits students from different states of India as

well as from countries across the world. This provides an excellent opportunity to learn about the customs and cultures, dresses and dances, beliefs and behaviour of a variety of people. It also brings home the reality that we are all brothers and sisters belonging to one large human family, united by bonds of acceptance and friendship. About 10% of our students stay in the two hostels of the College: St. Xavier's Men's Hostel and St. Xavier's Ladies' Hostel.

Admission Process

St. Xavier's College is governed by the ordinances of Governing Body, constituted under the autonomous structure established on June 2014, for granting admission to students. However, it retains its privileges as a minority institution.

Eligibility

- Students who have passed the Gujarat Board HSC/degree Examination are eligible for admission to the first semester in UG/PG St Xavier's College. Students who have passed from other Boards/Universities may apply for admission only after having obtained a Provisional Eligibility Certificate from Gujarat University.
- Candidates are admitted on the basis of their marks at the qualifying examination and a personal counselling with the Principal and/or his delegates.
- Those who have outstanding achievements in any field of human endeavour are given special consideration and are treated as 'special cases/
- This 'special cases' category, however, is subject to the discretion of the management. Students are also admitted under sports quota and

cultural activities quota. For this they are required to substantiate the capacities claimed by them.

- Differently-abled students are admitted to the College under special consideration.
- Being a minority institution, Christians, Scheduled Tribes, Scheduled Castes and Other Backward Classes are also given special consideration.
- The procedure for admission is displayed on the College website as well as on the notice board during admission time. Students must read it carefully before filling their admission forms.
 1. The admission process for semester 1 begins after the declaration of the Gujarat Board Examinations results. The exact dates and the duration of admission process are generally announced on the College website by mid May.
 2. Applications for admission to St. Xavier's College should be made by filling the online admission form provided on the College website, www.sxca.edu.in. For the benefit of those students who cannot access internet facilities, a few computer terminals will also be made available at the college.
 3. Short listed candidates will be informed through E-Mail/SMS, to meet the Principal.
 4. The original mark sheet, a copy of first attempt certificate, a copy of the school leaving certificate, and provisional eligibility certificate if from a Board other than Gujarat Board with all relevant documents for verification will have to be presented.
 5. Lists of students based on merit, as defined by the institution, are put up on the College Notice board from time to time, till

the seats are considered full. The candidates on the list are called to meet with the Principal to finalize the admission. Name on the list does not guarantee admission. Only the Principal of the College is empowered to finalize the admission.

6. Applicants should check the noticeboard daily till the admissions are closed.

Regarding Re-Admissions

- Admission has to be renewed for each semester. Renewal is neither automatic nor guaranteed. However, students who have attended St. Xavier's College during the previous semester are normally assured of re-admission provided their conduct and progress have been satisfactory. The decision of the Principal in this regard will be considered final.
- Those, who wish to continue their studies at St. Xavier's College must fill their admission form and pay their fees within the prescribed date.
- Applications received after that period will be considered on merit, subject to availability of place. A 'late fee' will be charged from those who are re-admitted after the deadline.
- Students of colleges affiliated to Gujarat University, who desire to transfer to St. Xavier's College, must first check the possibilities of admission with the Principal. Those guaranteed admissions are required to produce a No Objection Certificate from the Principal of the college they are leaving, and a Transfer Certificate later.
- Admission to the next semester is based on academic merit and on availability of places in the particular subject group. Those applicants whose names have been short-listed will be called for an interview with the Principal.

- Students who are unable to fill their form or pay their fees personally may authorize in writing a responsible person in the city to do so. They must inform the Principal and/or the concerned Vice Principal about this arrangement. The College office personnel are not allowed to accept any undertaking to pay a student's fees.
- Financial support to needy students is announced through notices. The appropriate form must be filled up and handed over to the students' counselling office. Such financial disbursement is done through the Vice-Principals.

Fees & Deposits

- A candidate who has been granted admission to the College is expected to pay the fees immediately, failing which the admission will be cancelled.
- The College fees for semesters II to VI will also be accepted online through Credit Card, Debit Card or Net Banking
- Online Payment Assistance: For any assistance regarding online payment, call the College office between 10 am and 5 pm on all working days (except on Saturdays) on the following numbers: Phone numbers: +91 7929708056/57
- If you have not got your receipt and your fees window has not been updated after the payment of your fees online, it may be that you have made some error in completing the payment process correctly. In such a situation, before you make another attempt to make the same payment, verify whether or not your account has been debited. If your account has been debited but still you have not got your receipt, then you must meet with Ms. Jayshree Bhatt in the College office with your bank details to get your fees window updated. Thereafter, you will automatically get your receipt.
- Lack of financial resources will not be used as a reason to deny admission. St. Xavier's College endeavours to ensure financial support to all genuine cases of students who are earnest about studying in the College but are unable to meet the fees.

- Refund of excess fees paid Online: In case a payment is made online more than once by mistake, the candidate is requested not to place any Charge Back Request to their respective banks. The excess payment, if any, will be refunded from the College office as soon as the candidate makes a request for refund of the same in the College office with the documentary evidence of the payment in question. Please email to admissions@sxca.edu.in
- Educational Scholarship or Loan: Students who get Educational Scholarship or Loan from anywhere outside St. Xavier's College should deposit their cheques at the College office.

Special Note

Admission granted to an applicant is to be considered provisional until all fees are paid and all the prescribed documents are in order. St. Xavier's College **DISCLAIMS ALL RESPONSIBILITIES** if any of the documents required as per Gujarat University requirements are not submitted or found unacceptable by it. The College will not accept responsibility for students who do not submit the expected examination/enrolment forms in time.

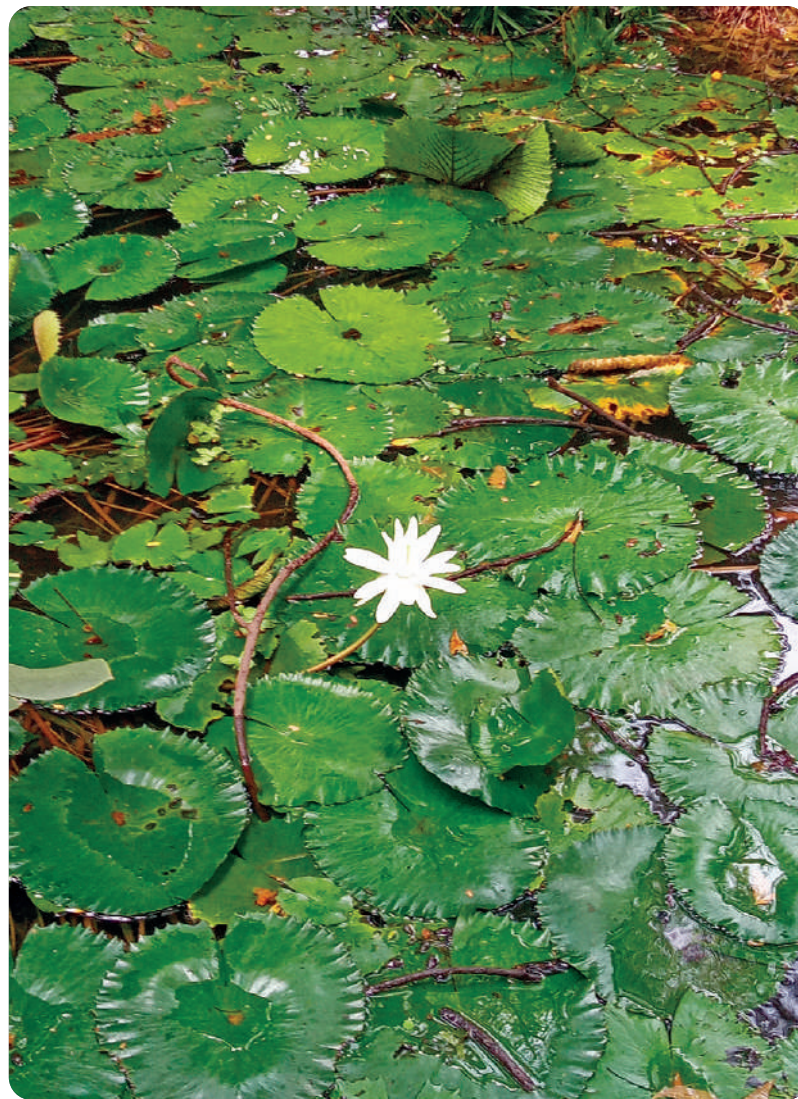
Refund of Fees

- Students of B.Sc. Semester 1 who provide proof (fee receipt) that they have secured admission to professional courses like Medical, Engineering, etc. are entitled to a refund of their fees according to Gujarat University Regulations (Ord.159/5) which are posted on the notice board.

- In the case of self-financed courses, kindly refer to refund rules mandated by St. Xavier's College (Autonomous), Ahmedabad posted on the notice board.
- Students of Vocational courses should deposit a security amount decided by the College at the time of admission. Please note that this amount is refunded on successful completion of the course AND ON PRODUCTION OF THE PINK RECEIPT ISSUED only. The refund claim for the security deposit must be made within a month after the successful completion of the course.
- Applications for refund should be made on the form available in the College office with photo copies of the documents justifying the request for refund within the prescribed time limit.
- Fees are not refunded to those who transfer to another undergraduate college or withdraw their admission.

Enrollment

It is the duty of every student admitted to Semester 1 at St Xavier's College and of every student admitted to other semesters from other universities, to fill the prescribed Enrollment form and submit it to the College office with their HSC examination certificates and two photocopies of their mark-sheets (for first semester students), and the mark sheet of the semester (with two photocopies) attended before joining St Xavier's College (for students from other universities). This procedure must be completed before the deadline issued by the Controller of Examinations /Principal, failing which the student will not be allowed to appear for the examination. It is the duty of every student to be on the look-out for notices concerning this matter, on the notice board and on ERP.





General Information

The Academic Year

The academic year of the College is divided into two semesters: from June 12 to November 10, and from November 11 to June 11, with a minimum of 90 teaching days in each semester.

Semester System

The undergraduate degree programme is of three years duration divided into six semesters, while the postgraduate degree programme is of two years divided into 4 semesters.

Academics

It is the quality of the teachers that makes an institution what it is worth. St. Xavier's College is blessed with a set of highly qualified teachers (70 per cent of them hold a PhD and 20 per cent are on the verge of submitting their PhD thesis). Although the remaining 10 per cent of faculty are not engaged in any formal research, they are excellent teachers, having served the institution for over 25 years already.

Teaching Methodology

Right at the beginning of a semester each teacher provides a unitised teaching plan to students. The faculty at St. Xavier's College use a variety of teaching methods. However, teaching methods differ from one teacher to another. Some of the teaching methodologies implemented include, class room lectures, youtube channel, power point presentation, use of ICT (Moodle), discussions, poster presentation, interaction with industry, visits to rural areas, slums, undergraduate research, regular class tests, debate, quiz and students' seminars, problem solving, case studies, online test, among others. At St. Xavier's, a teacher is always free to introduce any creative method to ensure learning has taken place. A teacher is also expected to give a challenging assignment to students for each paper and display the assignment marks before submitting these to the examination office. It is a practice in the College that all assessed papers are shown to students before the marks are submitted to the office. The faculty at St. Xavier's ensure that not only teaching but learning has also taken place.

Syllabi

St. Xavier's College is known for its quality education. It is natural that the College offers a challenging curriculum to students. Hence, the College has upgraded the syllabi of all the subjects aligning the

programme specific outcomes (PSO) and course outcomes (CO) with its vision and mission. As a process, the BoS in each department has deliberated on new developments in their field, formulated the course content, teaching - learning methodology, possible ways of assessment and quality assurance. Consequently, the BoS in each department has changed the syllabi with an addition of 20 percent over and above the current Gujarat University syllabi in all the subjects and has been mapped with the PSO and CO. The upgraded syllabi are given to students in a detailed unitised teaching plan for each subject.

Faculty Development

St Xavier's College has regular programmes for faculty development so that they give their best. Faculty are encouraged to attend refresher and orientation programmes, present papers at seminars, undertake research, publish papers, deliver lectures, undergo training programmes which improve their knowledge and competency. Faculty evaluation by the students is a regular feature. Faculty evaluation is done by the students at the end of each semester, and the feedback from students is communicated to the respective faculty. This is done in a cordial manner so as to help the faculty to become more efficient and productive.

Students' Attendance

Every student must have AT LEAST 75% physical presence in every paper in a semester. Students who fail to have at least 75% attendance in class will not be approved for the Semester end examinations. /4s a College of Excellence, St. Xavier's College has the right to insist on these standards. All students are herewith alerted that the 25% absence includes all situations, including medical and accident cases. Where practicals are concerned, all Xavierites must ensure that at least 75% of the required practicals are done by them, and their journals are duly signed by the faculty concerned. Journals with less than 75%

experiments signed WILL NOT BE CERTIFIED. Students, whose journals are not certified are debarred from appearing for the end-semester examinations. Each department is authorised to debar such students from end-semester internal practical examinations.

A student must obtain a minimum of 75% attendance in each paper individually - Core / Allied Required / Allied Optional/General / Compulsory.

A student who has attendance between 60% and 74% may have to seek condonation from the Principal/ Vice-Principal on grounds of illness or involvement in extra/co-curricular activities approved by the College.

- In case of illness, a student must submit a medical certificate along with an application for leave. Leave application must be submitted within three days of the student's return. Submission of leave application in itself will not ensure condonation.
- In case of extra/co-curricular activities, a student must obtain written confirmation of his / her participation from the concerned authorities: Head of Dept. / Director of College Societies / Director of Sports / Director of NSS / NCC officer-in-charge, countersigned by the Vice-Principal. When calculating the attendance percentage of the students representing the College in NCC and sports, due consideration will be given to the days when they so represented the College. Condonation request in each case must be in explicit written form authorized by the Principal/ Vice Principals.
- A student, who is condoned will have to pay a condonation fee within the notified time period.
- A student will be debarred from appearing for the semester-end examination in the paper/papers in which he/she has less than the

required attendance without condonation. A student so debarred may be permitted to appear for that paper on the condition that he / she satisfies attendance and Continuous Internal Assessment requirements. In the meantime, if there has been a change in syllabus, the student will have to appear for the CIA and semester examination in the revised syllabus.

- A student with overall attendance below 60% in a semester may be struck off the College rolls or he/she may be allowed to repeat the semester in the following academic year, at the discretion of the Principal or Vice Principals.
- Students who are absent from class for more than 5 consecutive periods are to obtain an excuse slip from the Vice-Principal. The name of a student who is continuously absent for 15 working days without submitting any information to the College will be struck off the College rolls. Medical certificates and other relevant documents of illness must be submitted to the Vice-Principal after getting necessary signature from the HoD.

Responsibilities of Students and Staff

Students of St. Xavier's College must realize that they are the guardians of the traditions and ideals of this institute. Their conduct should at all times reflect their legitimate pride in their College. They should remember that they are expected to learn much more than just how to pass in examinations. They are trained to be critically aware of the true realities prevailing in our country. Since they are among the few who have access to higher education in India, they must acquire the appropriate skills and values that will transform our society.

Students should at all times respect and honour their professors. They are expected to greet them with respect whenever they meet

them in the College or outside. Students are encouraged to know their professors and give the latter an opportunity to know them too. Students can contact their professors, who are available for consultation in the departmental staff room whenever necessary whether to discuss academics, get help for competitions, for guidance and counselling, or even a casual chat.

Students are expected to respect the authorities and teaching staff of other colleges when they have occasion to visit those colleges. Xavierites are encouraged to scrupulously observe the traditions and regulations of those institutions and refrain from any action that might disturb their peace and order.

Preservation of College property

Students of St. Xavier's College are expected to look upon College property (buildings, laboratories, equipments, classrooms, halls, grounds etc.) with special pride, and refrain from any action that would disfigure or damage them. Offenders in this regard will face disciplinary action as decided by the College authorities. Damages calls for restitution of the property affected to its original form. In this regard, the institution has the absolute right to recover financial compensation from the offenders.

Students, who inadvertently cause any damage to College property are expected to acquaint the Principal immediately with what happened. Such honesty is expected of a Xavierite and will be appreciated. This



training will stand the student in good stead later on in life. In these situations it is the duty of the student to voluntarily make good the damage.

Students are expected scrupulously to respect the belongings of their fellow students. Should they discover any lost or forgotten articles, they should deliver them immediately to the College office. The office shall put up a notice regarding the lost property instructing the owner to collect it at the earliest. Students who are found in unlawful possession

of another's property are liable to instant dismissal from the College.

General behaviour

As a student newly entering St. Xavier's College you should be aware that unlimited opportunities open up before you. The College has an eventful history that is sixty five years long. The traditions and values which have been developed and

nourished over this period will now be protected and promoted by you. The preservation and enhancement of the recognition and reputation of the College is now your responsibility. You are expected to accept and carry out this responsibility. For the sake of good order and personal good conduct, every student is expected to observe the following regulations:

- Use of cell phones is strictly prohibited in the class, laboratory, library, and corridors. Offenders are liable to have their mobile phones confiscated by any professor. Confiscated phones will be

delivered to the Principal's office and will be returned only at the end of the academic year, around the last week of April.

- Students are expected not to misuse the electricity of the College and loiter on the corridors.
- Students are expected to read the announcements on the notice boards every day, both on arrival at the College and before departing College.
- Ignorance of instructions posted on the notice boards / College website shall not be taken as an excuse for noncompliance of the same.
- Students are expected to regularly check their ERP, e-mailbox since information is communicated through students' college email ID.
- Students are required to wear their identity cards on their person at all times.
- Students, who have legitimate grievances are encouraged to place these before the Principal personally or through the suggestion box placed in the corridor outside the College office and in the library.
- Every department is expected to organize a subject society. All students opting for a subject as their major are ipso facto members of the subject society. Students wishing to form any other associations in the College must make a written proposal to the Principal and obtain a written permission for the same.
- All invitations to resource persons for any lectures, demonstrations, trainings and workshops go out in the name of the Principal. When any professor or Head of the Department initiates an invitation they must have it countersigned by the Principal.
- All tours / picnics / excursions of any class or society or association



must be arranged with the prior written permission of the Principal, a lady staff member is mandatory if girls are part of above events. Such permission shall not be granted unless a professor or staff member takes responsibility and accompanies the students for the same. As a standard practice, the staff accompanying the students must submit the names of the students going on a tour / picnic / excursion with the mobile numbers of their parents/ guardians. This is expected in view of any emergency that may occur.

- The organizers of class get-togethers must contact the College office to book the venue. They must abide by the rules laid down in the ‘application form’. No outsiders are allowed to take part in these events.
- Students are not allowed to organize gatherings outside college without written permission of principal.
- The watchman at the parking lot is authorized to enforce discipline. Students’ four-wheelers are NOT allowed on campus.
- The College takes no responsibility for the loss of vehicles. Students are advised to have their vehicles securely locked, chained and parked at the parking lot.
- Good civic sense demands that cars and motorcycles are not parked on the pavement outside the College. Please note that those who continue to park their vehicles on the pavement outside the College bring disrepute to the College. This uncivilised behaviour will invite a heavy fine either from the Police department or from the College.
- Students of St. Xavier’s College who misbehave at another College or at any public place, or who bring discredit in any way upon themselves or this College, are liable to instant dismissal.
- New students are to be given a welcome with respect and affection.

Any type of harassment, ragging or misbehaviour will be dealt with sternly, according to the guidelines of the UGC and the Government. Any incident of ragging must be brought to the notice of the Principal / Vice-Principals / Coordinator of CW DC.

- The entire College is a “No Smoking Zone”. Smoking/chewing tobacco anywhere on the College premises is strictly prohibited.
- We believe in zero tolerance of violence of any kind on campus. The Principal reserves the right to hand over such students to the police and file an FIR.
- Corruption of any kind is not acceptable in our system. If it is perceived at any level in the College it is the duty of every Xavierite to bring it to the attention of the authorities.
- Every student is expected to take interest in studies and departmental activities. S/he should develop punctuality, respect for teachers and elders, awareness of social conditions in order to develop a compassionate and proactive response to them, adherence to secular values and ideals, a scientific outlook, interest in cultural activities, sports and games.
- Health and safety rules are to be strictly obeyed.
- Improper sexual conduct will also be treated as a serious offence.
- The College computer system must not be tampered with in any way.
- Use of drugs / alcohol is strictly prohibited in the College.
- Bringing outside guests / friends to the College is strictly prohibited.
- When you leave the class room switch off all the fans, lights and ACs.

Dress Code

SXCA does not follow any specific dress code. SXCA, as any college, is a temple of learning and a portal of intellectual, spiritual, psychological, personal and character formation. Hence, students must dress up which reflects the ethos of an educational institution.

Identity Card

- Each student is provided with an Identity Card which has to be carried by the student in college.
- Exchange or lending of Identity Card is a serious offence.
- If the Identity Card is passed on for use to anyone else, the owner of the card will be held responsible for any damage or loss caused by the user.
- Show your Identity Card at the gate when entering College.
- The Identity Card is to be presented when borrowing books from the library, playing games, attending College functions, during examination etc.
- If the Identity Card is lost, the Vice-Principal must be immediately informed. A new Identity Card may be issued on payment of Rs. 250/-
- In case of transfer or withdrawal from the College, the Identity Card must be returned to the College office.

Notice Board/College website for dissemination of information

General information and important announcements are made available through the College notice boards / website (www.sxca.edu.in). The rules may be amended from time to time and the students will be

informed of that through notice boards or website or both.

The notice board must be read every day on coming to, and before leaving, the College. No excuse will be entertained if notices on the board are ignored or not read.

Posters

No poster is to be pasted or fixed with cello tape anywhere on the College walls. For any writing on walls, strict punishment will be imposed.

Class Rooms

The College class rooms should not be used for private study outside College hours.

Games

No (outdoor or indoor) games are to be played anywhere in the College premises during College hours.

Change of Address

The College office should be informed of any change of address and phone number after admission is completed.

Correspondence with the College

- All correspondence should be addressed to the Principal / Vice-Principal, St. Xavier's College (Autonomous), Navrangpura, Ahmedabad-380009.
- In all correspondence with the College it is necessary to state the student's name, roll number and semester.



Examination

Chief Controller of Examinations

Dr (Fr.) Vinayak Jadav S.J.

Controller of Examinations

Dr. Nirmal Desai

Members

Dr (Fr) Johnson Mundupuzhakal, S.J.

Vice Principal, Self Finance Courses

Dr.(Fr.) Sunil Macwan,SJ

(vice principal, Arts)

Dr. Mallika Sanyal

(Vice principal, Science & IQAC coordinator)

Dr Udayan Prajapati, Senior Faculty

Dr Pinky Desai, Senior Faculty

Dr (Fr) David Roy, S.J.

Governing Council Member

Dr Sebastian Vadakan

Administrative Assistance

Ms Ankita Mistry

Ms Poonal Jitiya

Ms Divya Patel

The Controller of Examinations (CoE)

The Controller of Examinations (CoE) will have the following Standard Operating Procedure:

- Ask from each department the list of courses offered.
- Issue semester examination application forms
- Prepare the examination time table
- Send communication to the HoD of each department for question paper setting
- Prepare the seating arrangement/hall ticket/list of students for the semester examinations: session- wise/ date-wise/ paper-wise
- Send information to internal examiners about their evaluation work
- Prepare question papers date-wise / session-wise in the CoE office
- Conduct the semester examinations. The Vice- Principal/s will be the Chief Superintendent
- Direct departments regarding external evaluation
- Oversee the Entry of the CIA marks works as facilitator for ERP and end semester marks in the computer as well verification of marks
- Take the semester mark sheets print out from the computer and verify with the mark sheet to crosscheck the entries
- Semester mark sheets and the final end semester mark sheets as well as consolidated mark sheets will be distributed by the CoE Office

Scrutiny Board and its functions

The Scrutiny Board for U. G. & P. G. courses will consist of the Head, the senior most member of the Department, and one more permanent member. This third member will be appointed every year on rotation. The department with less staff members can take help from the IQAC coordinator and Vice Principals of Arts and Science.



The HoD is requested to get a consensus on the appointment of external and internal paper setters for each subject in the Scrutiny Board meeting and proceed towards procuring the papers in the stipulated time

The Scrutiny Board will look into the following aspects of the question paper:

- All portions of the syllabus are covered.
- The questions are evenly distributed over the entire syllabus.
- The question paper is structured.
- The question paper is of the expected standard
- There are no repetitions
- The questions are clearly worded without any ambiguity
- Marks distribution is mentioned in each section of the question paper
- If corrections are effected in the question paper, carry these out correspondingly in the key/solution.

Evaluation of Answer Sheets

Evaluation of semester end examinations of Semester I to VI at UG and semesters I to IV at PG level will be carried out in the following manner:

- for core papers, evaluation will be carried out by external / internal examiners
- for other papers: evaluation will be done by internal examiners.
 - Remuneration for question paper setting and evaluation is at par with the Gujarat University, or higher in many cases.
 - Any malpractice will be dealt with by the disciplinary committee set up by the CoE once the examination is over.
 - A Passing Board will be constituted once the results are ready and appropriate decision will be taken regarding gracing, if any and CoE office will publish the results on the Website as well as in ERP Login within three days of the meeting of the Passing Board.

Examinations

St. Xavier's College spaces out its regular examinations in an academic session in to internal and external assessment, with the assessment scheme being 30:70 in its weightage, respectively for all UG programmes and 40:60 assessment scheme for all PG programmes.

1. Internal Assessment

The internal assessment comprising 30 marks is distributed into two continuous internal assessment (CIA-1 & CIA-2), attendance, assignment class test, quiz, viva voce, seminar, comprehension (listening and reading), problem solving, group discussion, field visit, essay writing, library record, open book exam, case study, online test etc. The first 50% syllabus is evaluated in CIA-1, while the remaining 50% is evaluated in CIA-2. The break-up of these 30 marks is as follows:

	UNDERGRADUATE		POSTGRAGUATE	
	Examination Marks	Internal Marks	Examination Marks	Internal Marks
Mid-Semester (CIA-1)	50 marks	10 Marks	50 marks	10 Marks
Semester End (CIA-2)	Module-1 + Module 2 (50 marks)	5 Marks 5 Marks	Module-1 + Module 2 (50 marks)	5 Marks 5 Marks
Assignments, Seminars, class tests etc.		5 Marks		5 Marks
Attendance		5 Marks*		5 Marks*
Seminar				10 Marks*
Total		30 Marks		40 Marks

Note: A student requires 11 marks to pass in each paper in the internals.
*Attendance marks will be awarded according to the calculation given in the next table.

96-100 % attendance	5 Marks
91-95 % attendance	4 Marks
86- 90 % attendance	3 Marks
81-85 % attendance	2 Marks
75-80% attendance	1 Mark
Below 75% attendance	0 Mark

- Soft Skill, Foundation Courses, and Elective Courses are compulsory courses offered in every semester. CIA -1 of these courses are conducted out of 50 marks and 50% of this is taken for internals, while 5 marks is assigned for regularity, assignments, class tests etc. The final examination is conducted out of 70 marks during CIA-2. Subject electives follow the pattern of core papers.
- For Computer Methods in Humanities: The CIA I will have a theory exam for 50 marks and CIA 2 will have a theory paper of 50 marks and practical paper of 50 marks. These 150 marks are then computed to 20 marks for internals, 5 marks for assignment, and 5 marks for attendance in Practical sessions.
- A student whose attendance is less than 75% will be retained. She/he will have to take the internal (CIA-2) as well as semester end examination in the next appropriate semester.
- A student; who fails to obtain qualifying marks in internal examinations, will be treated to have an internal arrears paper. The student will have to appear for the arrears paper in the next appropriate semester but will be permitted to appear for the semester end examination component.
- The Controller of Examinations will inform the students about the CIA schedule at the beginning of the semester. Final CIA results will be available on College ERP Portal.
- A minimum of 75% practical must be done before appearing for the CIA (Internals) practical examinations, failing which a student must complete the required number of practical in consultation with the HoD of the department and appear for the practical examination in the next appropriate semester
- Internal marks for students participating in Youth Fest and Sports are as follows.

	Inter college	Inter Zonal	Interuniversity	International
Extra curricular	1 each paper	2 each paper	3 each paper	4 each paper
Sports	1 each paper	2 each paper	3 each paper	4 each paper
RDC Camp	1 Gujarat camp	2 Delhi camp	3 RDC Parade	
Medical	No gracing			
All other activities	Only attendance will be given for the actual days of event (eg. Day of competition/ seminar attendance etc.)			



2. Eligibility for semester end examination

- A student must have at least 75% attendance in each paper. Condonation may be granted by the Principal for valid reasons.
- A student must obtain a minimum of 11 marks in CIA (Internals) for UG and 14 marks in CIA (Internals) for PG programs
- A student must pay the examination fee and submit the examination form before the notified last date. However, only those students

who fulfill the eligibility criteria will be issued Admit Card for the semester end examination.

- A student who has any disciplinary charge against him / her may not be permitted to appear for the semester end examination.
- The semester end examination is conducted for 70 marks, and passing marks is 36% or 25 marks out of 70 in each paper for UG programs
- The semester end examination is conducted for 60 marks, and passing marks is 36% or 22 marks out of 60 in each paper for PG programs

3. Rules for conducting examinations

- The College does not hold any re-tests. Students who do not appear for any given examination will lose their internal marks in the same.
- Since CIA examinations are treated at par with the semester end examination system, students who remain absent for personal reasons (including sickness, travel, family problems, marriage etc.) will forfeit their marks.
- Pro-rata marks will be granted to those who cannot appear for a given examination on account of representing the College/ University at an event or competition, provided they have the permission from the Principal for the same and produce the relevant documents.
- Students are not permitted to leave the examination hall during an examination. Any student leaving the hall will be considered to have completed the examination and will not be allowed to re-enter.
- Students who boycott any examination will forfeit their marks and will face disciplinary action.

- After each set of examinations, the mark sheets will be displayed for a few days on the departmental notice boards. Students are expected to keep track of their marks in each subject.
- Internal marks are declared at the end of the semester on the College ERP Portal. Students will be given three days' time to alert the College office if they find any discrepancies in the marks and/ or if they have any requests to make. No appeals will be entertained after this time period. After due consideration of the appeals and justifiable corrections, the list of the final internal marks will be made public on the College website. It is advisable that students keep a written personal record of all their marks with respect to CIA and semester end examinations.
- The statement of marks is issued to parents or guardians at the end of the semester if a written request is made and submitted to College office.

4. Standard of passing

- To pass a course, a student must obtain a minimum of 36% marks for each course where the course consists of internal assessment and semester end examination (i.e. two heads of passing). A student must obtain minimum of 36% marks (i.e. 11 out of 30)/ (14 out of 40) in the internal assessment and 36% marks in semester end Examination (i.e. 25 out of 70) / (22 out of 60), separately, to pass the course, and a minimum of Grade C wherever applicable to pass a particular semester. A student will be said to have passed the course if s/he passes both the internal assessment and semester end examination.
- A student who is absent for the CIA I and II will be declared fail in the internal assessment scheme.



- Under no circumstances will a student be allowed to give semester end practical examination without a certified journal. If a student is absent for the semester end practical/internal practical examination and passes all other internal assessment examinations, s/he will not be given a chance to give additional practical examination and will be declared fail. However, the journal if certified can be carried forward to the next semester.
- Minimum criteria to certify a journal is 75% of the total practicals done in the semester. If a student falls short of this but has performed at least 60% of the practicals s/he may be given extra practicals by the respective department.
- Carry forward of the marks in case if a student fails in one or more courses
 1. A student who passes in the internal examination but fails in the semester end examination of the course shall reappear for the semester end examination of that course. However his/her marks of the internal examinations shall be carried over

and s/he shall be entitled for the grade obtained by him/her on passing.

2. A student who passes in the semester end examination but fails in the internal assessment of the course shall reappear for the internal examination of that course. However his/her marks of the semester end examination shall be carried over and he/she shall be entitled for the grade obtained by him/her on passing.

5. Allowed to keep terms and eligibility for admission to the next semester

- Eligibility for admission to First Year/Semester II: A student shall be allowed to keep term for semester II irrespective of number of the courses s/he has failed in the semester I.
- Eligibility for admission to Second Year/Semester III: A student shall be allowed to keep term for semester if s/he passes semesters I and II (Sec: 5.1).
- Eligibility for admission to Second Year/Semester IV: A student shall be allowed to keep term for semester irrespective of the courses s/he has failed in semester III.
- Eligibility for admission to Third Year/Semester V: A student shall be allowed to keep term for semester V if s/he passes semesters I, II, III and IV (Sec:5.2).
- Eligibility for admission to Third Year/Semester VI: A student shall be allowed to keep term for semester VI irrespective of the courses s/he has failed in the semester V.
- A student can appear for semester VI examination (subject to the above) but the result of semester VI shall be kept in abeyance until s/he passes all the exams in semesters I, II, III, IV and V.

Continuation from 1st year to 2nd year/ 2nd year to 3rd year

5.1 Qualifying for 2nd Year (Semester III):

Considering all the papers of semester I and II taken together, a student must pass in at least 50% of all papers/obtain 50% of total credits in Core/Allied/General/Compulsory separately. The theory and practical components of composite papers will be counted separately to calculate eligibility of this student for promotion.

5.2 Qualifying for 3rd Year (Semester V):

Considering all the papers from semester I to IV taken together a student must pass in at least 75% of all the papers/obtain 75% of total credits of semesters I to IV taken together of total credits in Core/Allied/General/Compulsory papers separately. The theory and practical components of composite papers will be counted separately to calculate eligibility of this student for promotion.

1. A student who fails to qualify for 2nd/3rd year may be permitted to re-enrol in the next academic session in the appropriate semester either as a casual or as a regular student.
2. A student who has adequate attendance will be reenrolled as a casual student. A casual student will have to appear only for arrear paper/papers in the semester examination. A casual student will not be allowed to appear for CIA as his/her previous CIA marks will be carried forward.
3. A casual student will have to pay only a re- enrolment fee and the examination fee.
4. A student who has been detained on the basis of insufficient attendance in any paper/papers in any semester of 1st/2nd/3rd Year, and who does not satisfy continuation criteria, will be allowed



to reenroll as a regular student. Such a student will be permitted to appear for CIA for the appropriate paper. In the meantime if there has been a change in syllabus, the student will have to appear for the CIA and semester end examination in the revised syllabus. A regular student will have to attend classes only in those papers in which insufficient attendance occurred and appear for semester examinations in the arrear papers.

5. A regular student will have to pay tuition fee, session fee and laboratory fee.
6. Re-enrolment of a student with disciplinary charges against his/ her name will be separately considered.
7. Student who fails to clear their UG and PG in the stipulated time period may be granted additional 3 and 2 years respectively to get the degree.

6. Repeaters

The following procedure will be followed with regard to repeaters:

- Repeaters who have a backlog in any of the subjects in the odd semesters (I, III and V) can appear for the same during the next odd semester end examinations. Similarly, repeaters who have a backlog in any of the subjects in the even semesters (II, IV and VI) can appear for the same during the next even semester end examinations.
- These examinations are held in November / April. Students are expected to check details about these forms and examinations from IN ERP ONLY, they can approach for COE's office for assistance. **PLEASE NOTE THAT THE COLLEGE WILL NOT SEND INDIVIDUAL NOTICES REGARDING REPEATER'S EXAMINATIONS TO STUDENTS.**

- Students should make inquiries in the COE's office regarding the submission of repeaters' forms, during: Please note that examination may vary and the timings are indicative only
 1. The 1st week of September / October for the November/ December examinations.
 2. The 1st week of February / March for the April / May examinations.
- Those students who have to appear for the internal examinations of the previous semesters must also fill the appropriate forms before the semester end examinations of the College.
- The College will withhold the examination results of those who fail to clear their previous semester examinations. Those who have failed in the semester examination due to insufficient internal marks will have to reappear for the internal examinations arranged before the end of the next semester.
- Students who have failed in any semester examinations have to clear the respective examinations. Such students should fill the repeater's examination forms available in their ERP Login (online) within the specified period.

7. Arrear Papers

- An arrear paper is one in which a student fails to secure the minimum pass marks.
- Arrear paper may arise either because of failure or lack of attendance. This will be indicated in the semester mark sheet as well as in the Consolidated Mark Sheet.
- A student will be permitted to appear for an arrear paper in the next appropriate semester.

- The number of arrear papers in Core and Allied papers will be taken into consideration to determine if a student qualifies for the next semester.
- For papers, which contain theory and practicals, a student will have to pass in theory as well as practical sections, separately, regardless of whether theory and practical are components of the same paper or treated as separate papers. However a student will have to appear in the next appropriate semester only for the part (theory or practical) in which s/he has failed/ remained absent.

8. Grace Marks

- Grace Marks for Passing in each head of passing (Theory/Practical/ Oral), (External/Internal)
- The examinee shall be given the benefit of grace marks only for passing in each head of passing, (Theory / Practical / Oral) in External or Internal examinations in the following manner, provided:
 1. Benefit of such gracing marks given in different heads of passing shall not exceed 1% of the aggregate marks in that examination
 2. This gracing is concurrent with the rules and guidelines of professional statutory bodies at the All India level such as AICTE, MCI, Bar Council, CCIM, NCTE, UGC etc.

Head of Passing	Grace Marks up to	Head of Passing	Grace Marks up to
Upto- 50	2	251-300	7
51-100	3	301-350	8
101-150	4	351-400	9
151-200	5	401 & above	10

8.1 Exam Ordinance 1& 2 (Condonation)

- Gracing for external examination: If the head of passing is of 60/70 marks, a maximum of 3 marks can be added to a maximum of 3 subjects i.e. (3 * 3) and will be regarded as Exam Ordinance 1.
- After applying Ordinance 1, if a student fails only in one head of passing in internal or in external, he/she can be given a maximum of 7 marks, with a caveat that he/she fully pass the exam. This will be Exam Ordinance 2.
- Student can be awarded ordinance 1 and 2 both with ceiling of 10 marks.
- If student is getting Exam ordinance 1 or 2, grace marks will not be added in total nor he/she will be eligible for any scholarship or medals
- Condonation of deficiency of marks will be shown in the Statement of Marks in the form of an asterik and the Ordinance number

8.2 Exam ordinance 3

Grace Marks for getting distinction in the subject

- A candidate who passes in all the subjects' heads of passing in the examination without benefit of either gracing or condonation rules and whose total number of marks in the subject/s falls short by not more than three marks for getting distinction in the subject/s shall be given necessary grace marks up to three in maximum two subjects, subject to maximum 1% of the total marks of that head of passing whichever is more, in a given examination, provided the benefit of the above mentioned grace marks shall be given to the candidate only for such examinations for which provision for distinction in a subject has been prescribed,

- A candidate who passes in all the subjects and heads of passing in the examination without the benefit of either gracing or condonation rules and whose total number of marks falls short for securing second class/ higher second class or first class by not more than 3 marks shall be given the required marks to get the next higher class or grade as the case may be, provided (a) benefits of above mentioned grace marks shall not be given if the candidate fails to secure necessary passing marks in the aggregate head of passing also, if prescribed in the examination concerned
- (b) benefits of above mentioned grace marks shall be given to the candidate for such examinations only for which provision of award of class has been prescribed

8.3 Notes for Ordinances on Grace Marks

- If a candidate fails in a head of passing, which is included in another head of passing, of the same subject, s/he shall be entitled to the benefit of the condonation in both the heads, if necessary, subject to the maximum limit of condonation permissible.
- If a deficiency of marks is condoned, the class/grade in the examination concerned of the candidate shall be declared on the actual marks obtained by the candidate.
- The benefit of not more than one Ordinance shall only be given for one examination of one course.
- The benefits of above mentioned Ordinances may be given to the candidate appearing in the examination with backlog and/or exemption whenever such an exemption/system of backlog has been provided.
- The benefits under above mentioned Ordinances shall be given at the time of declaration of final examinations only.



- Final examination for the purposes of these Ordinances means and includes such examination/s on the basis of marks on which class/grade is awarded.

9. Misconduct during examinations

- Any student found using unfair means in an examination will be given a 'zero' in the given paper, and may be asked to leave the College in the following semester. The penalties imposed by the discipline committee will be final and binding on the student. Students must not carry personal items (books, notes, purses, mobiles, smart watches etc.) into the examination hall. They must check their desks/seats before the examination begins to make sure that there is nothing to indicate an attempt was made to use unfair means. This responsibility is an absolute one, and no excuse will be entertained by the committee when disciplinary action follows.
- On receipt of a report regarding the misconduct of any student at semester end or CIA examinations, including breach of any of the rules laid down by the Examination Committee for the proper

conduct of examination or a student indulging himself/herself in any activity which either intimidates or instigates other students for not appearing at any CIA or semester end examination or disturbing or attempting to disturb any CIA or semester end examination, the Disciplinary Committee shall have the power to deal with such misconduct in any one or more of the following ways:

1. Debarring such a student from any semester end or CIA examination either permanently or for a specified period;
2. Restraining the student from taking admission to or attending any course of studies in the College;
3. Restraining the student from taking admission to any Convocation for the purpose of conferring degrees;
4. Cancelling the result of such a student;
5. Cancelling or withdrawing scholarships, if any, held by him/her;
6. Cancelling award prize and/or medal, if any, awarded to him.
7. The decision of the Disciplinary Committee as to what constitutes misconduct for the purpose of punishment shall be final.
8. The Examination Committee shall have the power to exclude any candidate from a semester end examination on being satisfied that s/he is suffering from an infectious or contagious disease. Whenever any candidate is thus excluded, the fee paid by him/her for admission to the examination shall be refunded to him/her.
9. Even after the result of an examination has been ascertained and published if it is found that such result has been affected by any malpractice, fraud or any other improper conduct whereby an

examinee has been benefited, and that such examinee has, in the opinion of the Disciplinary Committee, been party or privy to, or connived at such malpractice, fraud or improper conduct, the Disciplinary Committee shall have power at any time, notwithstanding the issue of a certificate or the award of a prize or scholarship, to amend or cancel the result of such examinee or to punish such conduct by exclusion of such examinee from any semester end or CIA examination, either permanently or for specified period, or by the deprivation of any scholarship held by him/her, or by the cancellation of the award of any prize or medal to him, or any two or more of the aforesaid ways and to make such declarations as the Disciplinary Committee may consider necessary in that regard.

10. Credit and grading system

Conversion of marks to Grade Point and Letter Grade (Performance in a paper/course) UG (Under Graduate) & PG (Post Graduate):

Range of Marks	Grade Point	Letter Grade	Attribute
85-100	8.5-10	O+	Outstanding
75-84.99	7.5-8.49	O	Excellent
70-74.99	7.0-7.49	A+	Distinction
60-69.99	6.0-6.99	A	Very Good
55-59.99	5.5-5.99	B+	Good
50-54.99	5.0-5.49	B	Fair
40-49.99	4.0-4.99	C+	Average / Satisfactory
36-39.99	3.6-3.99	C	Pass
00-35.99	00	U	Reappear
Absent	00	AAA	Absent

- The credits completed as well as grades received by a student in certificate or diploma courses offered by the College, will be shown in the credit and grade sheets issued by the College as per the norms mentioned by the Controller of Examinations for this purpose. These will be shown as additional grades.

- Award/Degree (For B.Sc. / B.A / BCA / B.Com / MA / M.Sc.)

- Overall performance based on CGPA (Cumulative Grade Point Average):

CGPA	Grade	Classification of Final Result
8.5 and above	O+	Outstanding
7.5 and above but below 8.49	O	Exemplary
7.0 and above but below 7.49	A+	First Class with Distinction
6.0 and above but below 6.99	A	First class
5.5 and above but below 5.99	B+	Higher Second Class
5.0 and above but below 5.49	B	Second Class
3.6 and above but below 4.99	C	Pass Class
0.0 and above but below 3.59	U	Reappear

- First Class is awarded for aggregate marks of 60% or above.
 - Second Class is awarded for aggregate marks between 50% and less than 60%.
- A rank certificate will be issued to students only on request, who secure between 1st and to 10th rank in the respective course and pass all the papers at the first attempt.

11. Revaluation & Reassessment

The following procedure will be followed with regard to re-evaluation:

In case of a request for re-evaluation of the answer sheets, through an application, re-assessment of the answer sheets for semesters I to VI at UG, and all semesters at PG will be done and students can be benefitted if there is a difference of more than ten marks between two evaluations. A scanned copy of the answer sheets will be made available, on request, with a fee of Rs. 200/-. The entire process will be in ERP and no physical form will be needed.

12. Mark sheet, Migration certificate, etc.

- Mark sheets and grade sheets will be issued by the College separately.
- For a student who has been debarred due to lack of attendance, his/her migration certificate will be issued only after the completion of the course.
- On completion of the degree programme, the Cumulative Mark Sheet (CMS) will be provided to students as it may help those opting for further studies abroad; Graduation Ceremony will be held in December.

13. Final degree certificate

After a student completes his/her degree programme will the result be sent to Gujarat University for awarding the degree.

The final degree will be awarded by Gujarat University. The name of the College will also be mentioned in the Degree Certificate.

14. Certificate verification, Digital WES and Transcripts

St. Xavier's College Ahmedabad offers online certificate verification, Digital WES and Transcript Request from students, educational institutions and employers. This is to ensure genuinely and quickness of meeting your requirement digitally. Use <https://sxca.directverify.in>.



Research and Development

Research at Xavier's is seen, heard and felt in its rallying cry. Three decades of research culture is today intertwined in the curriculum as small modules and dissertation projects. Moreover, an undergraduate research programme for select students under the guidance of various faculty members is now an integral system in place. These initiatives have broadened the horizons of ideas, thoughts, planning and experimentation - "An environment to think out of the box to create a better world"

Research connects basic to applicability, complex to simple, socioeconomic growth to education. An experiential learning that gives our faculty and students a competitive edge in understanding and designing experiments, analyzing data and interpreting, it is now one of our best practices to enhance employability and create a stimulating

environment for learning. Under the aegis of the Autonomous System, a non-statutory committee for Research looks into the efficient functioning of the research modules along with allocating budgetary help and developing infrastructure.

Recognition of the hard work, perseverance and commitment is in the fabric of the research culture, as each Academic Year, there is an Annual Research Award Ceremony for students, Staff Research Seminar and release of 'The Research Annals of Xavier's', a publication with an ISSN number-2582-256X. Moreover, several of our undergraduate students have also had their work published in peer reviewed journals.

This training and exposure has led to many of our students opting for research as a career.

Currently the college has the following facilities for faculty and students:

Theoretical Physics Laboratory (TPL)

The theoretical Physics Laboratory was set up in 2013 to cater to the need of theoretical physicists in the College. Housed in a single room facility, the lab has no boundaries to some impressive research successfully, as seen in the many publications since its inception.

In-Xitu

In-Xitu, a simulated student run company, has been set up to train Bioscience students in the nuances of Plant Tissue Culture with an extension of developing entrepreneurial skills. Students of Vocational Biotechnology carry out plant tissue culture not only as part of the curriculum but also to market their products. Their challenge is in marketing a concept based product and not a utility product. The lab also organizes workshops and trainings for neighboring college and school students as an extension component. Faculty and students of other institutions have taken up In Xitu as a case study, which in turn is a benefit due to the recommendations made in the study.

DEXIC

DEXIC (Developing Entrepreneurs of Xavier's Industrial Chemistry) is a unit set up to give experiential learning to students of Industrial Chemistry. The unit is engaged in producing colourful candles, detergents and other cleaning agents as an outcome of their classroom learning. The unit also conducts training programmes for students of other colleges. The success of this programme is in the fact that several interns are today entrepreneurs, with their startups doing very well.

Xavier Laboratory for Research and Development (XLRD)

The facility was set up in 2014. This is a centralized laboratory facility to cater to the needs of all Biosciences departments. The laboratory has

the following equipment available for research: Gradient Thermocycler, Electrophoretic system, PAGE, Blotting systems, Refrigerated centrifuges, High volume Centrifuges, High Performance Thin Layer Chromatography, Gel Documenting system, Precision Water bath, Laminar Air Flow, Spectrophotometer, UV Trans-illuminator, High Precision Balance, Cryocans, Sonicator, Fluorescent Microscope, Infra-Red Spectroscopy. A Microplate Reader is a new addition.

Cell Culture Laboratory

This laboratory has been established in 2019 with the support of College of Potential Excellence grant. The laboratory infrastructure will enable upgrade research as animal cell culture has become a significant and multifarious application in the biosciences. The laboratory will enable studies in cancer biology, toxicology, preliminary efficacy testing of plant extracts, antibiotics, drugs etc.

Super Computer Lab

This laboratory was set up to house a computer with high computing facility which was procured with DST funding. Several publications and international collaborations have been established based on this new laboratory.

Xavier Central Instrumentation Lab

The facility was setup in 2017 with DST-FIST to promote multi disciplinary research.

Collaborations

The College has established collaborations with different institutes. Students go to premiere institutes for internship and research. Faculty members are investigators in Joint Research Projects. Research funding from CSIR, UGC, DST, GUJCOST etc. have enabled employing Junior Research Fellows, Project Assistants and strengthening research infrastructure.

Research Awards

No.	Donors	Subject	No.	Donors	Subject
1	Lt. Mr. Peter Gabriel Jadav	Gujarati	17	Mr. Hiten Shah	MSc Mathematics
2	Lt. Mr. Peter Gabriel Jadav	Gujarati	18	Mr Shital Patwa	Sanskrit
3	Mr. Donald Marks	English	19	Mr. Dilipbhai Parikh	Economics
4	Mr. Prabhat Vijh	Psychology	20	Mr. Aldwyn Dias	Computer Sciences
5	Ms. Rupalee Vijh	Hindi	21	Mr. Aldwyn Dias	Statistics
6	Mr Naresh Monga	Industrial Chemistry	22	Mr Nadeemahmed Jafri	MSc Physics
7	Mr. Jayantibhai Patel	Biochemistry	23	Mr Krishnakumar Vijh	MSc Chemistry (Analytical)
8	Mr Nilesh Patel	Chemistry	24	Ms Nutan Krishnakumar Vijh	Botany
9	Mr Nilesh Patel	Biotechnology	25	Mr Nadeemahmed Jafri	Electronics
10	Lt. Madhuben J. Patel	Economics	26	Mr Milan Dalai	MSc Biochemistry
11	Mr. Harshad Shah	MSc Chemistry	27	Ms Pinky Dalai	MSc Biotechnology
12	Mr. Harshad Shah	Zoology	28	Ms Nutan Vijh	B.Com BPS
13	Mr. Harshad Shah	Voc. Biotechnology	29	Zaveri & Co. (Bharat Zaveri)	MA English
14	Mr. Harshad Shah	Botany	30	Zaveri & Co. (Bharat Zaveri)	MSc BDA
15	Mr. TusharJ. Patel	Mathematics	31	Zaveri & Co. (Bharat Zaveri)	BCA
16	Mr. Manish J. Patel	Physics	32	Zaveri & Co. (Bharat Zaveri)	MA Psychology



Co-curricular Activities

Personal Growth Oriented Programme (PGOP)

St. Xavier's College offers a unique programme, popularly known as PGOP, to its students in all semesters. PGOP involves a variety of activities: group discussions,

role-plays, poster-making, multi-media shows which focus on interesting topics that create awareness of, and respect for human values and thus enrich the personality of the students. This programme, designed by the Campus Ministry helps the students free themselves from personal inhibitions, discover their inner potentials, gain self-confidence and build a better self-image.

Career Oriented Programmes (COP)

St. Xavier's College received permission from UGC to introduce certificate, diploma, and advanced diploma courses under Career Oriented Programme (COP). Main objectives of these courses are to cater to the growing need of the industry and corporate sector, and also to develop entrepreneurs. At present there are fifteen courses offered under Career Oriented Programme. These courses are conducted beyond college hours.

Details of these courses are available under departments that have taken the responsibility of conducting the programmes. The courses are conducted if a minimum of fifteen students register.

Career Cell

The Career cell instituted by the college helps to create awareness amongst students so that they are in a position to make informed choices. The career cell tries to provide students with information regarding current career trends, and choice of subjects. Several experts from industries and career counsellors are invited to facilitate career seminars, aptitude tests, and nuances of giving interviews and group discussions. The career cell has organized several workshops that enable students to draw out career plans, understand their strengths, and focus on right kind of soft skills as well as technical skills. They ensure that all deadlines for admissions to higher studies, posters of admissions to various Universities etc are duly displayed on the College Notice Boards.

Reputed companies like Wipro, Tata Consultancy Services, Infosys, Zydus Cadila, Gandhi Fellowship etc. have registered with the Career Cell for recruitment and career guidance.



Library

Library and Reading Room

- Father Valles Memorial Library – of St. Xavier’s College is the centre of academic and research activities. The College has a well equipped library and a reading room for the benefit of professors and students. It has a wide range of valuable reference books, important journals, educational CDs, periodicals and magazines (Indian and foreign) to provide them with up-to-date information and knowledge.
- The Central Library has over 52,336 books and 34 periodicals and journals. The library provides services to its users through an automated mode by using SOUL (Release 3.0) software. The services rendered by the Library cover all departments of the College. The catalogue-search and circulation systems are fully automated at present. Search for any document can be made through Online-Public-Access- Catalogue (WEB-OPAC) and the circulation system is barcode-based. The reading room has a capacity to accommodate 100 students. Besides, there are 21 computers in the library, each equipped with internet connected through LAN and INFLIBNET. The computers are specially meant for students engaged in project work and teacher-student discussions beyond class-hour. The library maintains a book-bank for financially-needy students. This is housed on the first floor above the Central Library. Internet browsing facilities are also available but only educational sites are allowed for surfing. The library provides current awareness service to the readers through newspapers and clippings, announcement posters, newsletters etc. The membership of the library is open to management, students, teachers and the administrative staff of the College, retired teachers, eminent scholars and research workers engaged in serious reading and research. The facilities of e- books, e-journals and e-databases will be implemented shortly.

- The library is open daily from 9.30 am to 5.30 pm. Books can be borrowed / returned during the time indicated on the library notice board. Silence is strictly enforced at all times and mobile phones have to be in switched-off mode or else they are confiscated.
- Borrowed books are to be returned within a fortnight of the date of issue or else a late fee of Rs. 2 shall be charged per day for each book retained beyond the prescribed date of return.
- All books should be returned to the library two weeks before the semester end examinations. Under no circumstance will books be issued during this period unless a deposit (amount determined by the Principal) is kept with the librarian.
- At the beginning of each semester students are required to file the applications to avail themselves of books from the St. Xavier's Students Aid Library, which loans textbooks to deserving students.
- Any student, who takes books from the library without permission or cuts pages out of library books, exposes himself/herself to the gravest of penalties.
- Once a student has accepted a book, he/she is responsible to return it in the state in which it was issued. Students, must therefore carefully check each book at the time of issue to see whether it is in a satisfactory condition.
- No marks or inscriptions of any kind may be made in any book borrowed from the library. Offenders will be fined in proportion to the damage done.
- Books lost must be replaced.
- All books may be recalled at the librarian's discretion.
- Assistance for individual research: It involves (i) providing facilities for data access; (ii) e-access to books and journals (INFLIBNET); (iii) data processing and analysis facilities (like making SPSS package available); (iv) training in research methodology.
- Research projects: Major research projects can be explored from UGC, DST and other funding agencies. There are also opportunities for industry-sponsored research projects. Individual research projects can also be brought under this umbrella. Students can be involved in these projects to give them valuable experience.
- Consultancy: Different avenues for consultancy can be explored through this programme. Consultancy jobs can be made available through this initiative and also through individuals. Faculty members can learn the intricacies of the practical implementation of their theoretical knowledge. This will also provide opportunities for faculty enrichment, and faculty will be able to share their experience with students.

Short Term Certificate Courses

1. Digital Photography
2. Digital Marketing
3. Theatre Acting
4. Dynamics of Disability
5. Western Music
6. Dance- Bharatanatyam
7. Journalism
8. Counselling
9. Gardening & Horticulture
10. Statistical Analysis using SAS
11. Digital Design and Verification
12. Advance Excel
13. Launching Successful Start-ups: A practical course for Entrepreneurs
14. Financial Statement Analysis
15. Taxation

Contact: info@sxca.edu.in



Extra Curricular Activities

College Activities

- Students of St. Xavier's College are offered many opportunities for their all-round development. They get an opportunity to showcase their talents and skills at the University Youth Festival and during the College Culfest. Below is a list of some of the activities they can choose from:
- For those interested in developing STAGE skills: Public speaking, drama, dance, mono-acting, mimicry, mime
- For the INTELLECTUALS: Quizzes, panel discussions, debates, creative writing, conducting and analysing surveys, documentation, research papers
- For the ARTIST, the POET, the ESSAYIST and the COLLECTOR: Wallpaper, notice boards, and exhibitions.
- For those interested in OUTDOOR ACTIVITIES: Athletics, sports, games, NCC, NSS, Tarumitra
- For those who do not feel self-confident but would like to be trained, there are courses in: Public speaking, dramatics, leadership, study skills, group dynamics, counselling.
- TQS (The Quizzing Society) is a knowledge based student run society which offers a unique and interesting approach to motivate, engage and encourage students to explore life out of academics through quizzing and informative sessions. The quizzing society not only motivates the students in studies but also in gaining confidence. The society hosts sessions that incorporate game mechanisms into the educational process and covers everything from general knowledge to current events to specialized subjects. Quizzing also helps one to know the areas where they require more efforts, thus helping them out in personal growth. The quizzing

society frequently plans activities to assist students in this regard and often hosts both inter- and intra-college quizzes with the aim of inculcating a positive quizzing culture on campus. Several society members have even brought honour to the college by winning quiz competitions across India

General Information

- Every student of this College is expected to develop critical and creative thinking. To achieve this, the College offers short term programmes to students. These are beyond the syllabus. All students are invited to participate in these programmes.
- Students are expected to participate in extracurricular activities like public speaking, panel discussions, quizzes, various competitions, dumb charades, Just-a-Minute, college choir, etc. which are organised on Saturdays.
- The Culfest, Sportsfest, Garba night, etc. are held annually to offer scope to students to display their talents in different fields.
- The College has a language lab which provides instructional and educational opportunities, both during and outside College hours.
- Students are urged to contribute essays, reports, poems, paintings, etc. to the student notice boards (outside the ladies' lounge), and to the Xavier's Ahmedabad Periodical.
- Students must make it a point to get involved in College activities as organizers, participants or audience.
- Students are not expected to miss out on lectures/practicals because of involvement at whatever level in sports, co-curricular or extracurricular activities. Please note that there is no exemption given to any student for the same.

- Students are given the opportunities to represent the College at various competitions. As a policy, preference is given to fresh participants. The more experienced students are given the responsibility of organizing College programmes.
- Every student representing the College in the Youth Festival is given internal marks in the following manner: inter-college : 1 mark; inter zone : 2 marks; nationals : 3 marks; and international: 4 marks in each paper.

Campus Ministry

Campus Ministry has had a tremendous positive impact on the students of the College through counselling to deal with a range of problems they face. In addition, the Campus Ministry conducts Personal Growth Oriented Programme (PGOP). PGOP consists of a variety of activities: group discussions, role-plays, poster-making, multi-media shows which focus on interesting topics that create awareness of, and respect for human values and thus enrich the personality of the students. All students are strongly encouraged to attend these programmes regularly as part of the Personal Growth Oriented Programme component of their training at Xavier's. Campus Ministry also takes care of Utcارش, Seva Suvas, Prerna and Jagrat activities.

With its inclusive education policy, a special cell named Utcارش is established on St. Xavier's campus in order to give opportunities for the differently able students. This additional care help them to perform well in studies. Besides offering various programmes for their personal growth and integration, the presence of these special students enhances the other students and staff in a unique way.

Seva Suhas is a cell dedicated for the Christian students of the college. SAs the name, Seva Suhas, fragrance of service is devoted to serving the college, the fellow students. The group take supportive and leadership role to facilitate prayer services and celebrate various feasts of the college.

Perna is a cell dedicated to acknowledge the service and recognise the support staff, housekeeping staff, young man who work in the canteen, hostel mess, helpers and peons of men's hostels, security guards and gardeners. Main activities of the group is in strengthening motivation, team work etc. The student volunteers take great interest in animating the programme.



Women's Development Cell

St. Xavier's College has a Collegiate Women's Development Cell (CWDC). CWDC's aims are to conduct multilateral research in the area of women studies to promote exchange of information in various branches of knowledge, to open up new fields in the area of women's studies, and raise community consciousness on the importance of gender issues. The CWDC also organises periodic programmes, counselling, research, seminars, workshops, film shows, exhibitions in the College to address gender issues etc.

Jagrat (Equal Opportunity Cell)

Jagrat is the result of a deliberate choice made by the Management of St. Xavier's College to reach out and help dalit and tribal students. Its main purpose is to bring them into the mainstream of College life, develop self confidence in themselves, equip them with various life skills etc. It also aims at cultivating in the student body certain attitudes of social concerns toward the weaker sections of society through the medium of cultural programmes, discussions, talks, camps, workshops etc. The SC-ST cell of the College works in collaboration with Jagrat.

Tarumitra



Tarumitra is an initiative, which creates awareness and sensitivity towards environmental concerns both among students and citizens at large. Besides planting trees, it also ensures that trees aren't cut down indiscriminately. It also offers help-line services.

National Cadet Corps (NCC)

With its motto of 'Unity and Discipline', the National Cadet Corps aims at developing character, discipline, leadership, ideas of selfless service and spirit of adventure among the youth. The college with its perspective of channelizing this young energy towards nation building have induction of NCC in it.

We currently have the Air and Naval wings of NCC in college to imbibe a sense of patriotism and leadership in our students. Each wing with its uniqueness give a good exposure of military life to our cadets. Our

cadets are taught Drill, firing and defence strategies which not only help them to excel their career in defence forces but also in their overall grooming. The college units encourages the students to be a part of this prestigious organization and stand out differently. Our Cadets are motivated and exposed to various activities and national camps. Many of our cadets have received high honours including the Governor's Gold Medal, and representation at National Camps like Republic Day Parade and going abroad on the Youth Exchange Programme.





Sports

St. Xavier's College uphold the maxim 'a healthy mind in a healthy body' as sports and games being an integral part of Jesuit education. Several facilities are available for students to live the maxim on campus. In appreciation of excellent performance in sports, annual awards are conferred to the players who have performed well in their individual games and represented Gujarat University in the academic year.

Highest Honours given are 'Sports Men of the Year' & 'Sports Women

of the Year' to those individual who have excelled in the sports in an academic year.

A healthy mind in a healthy body!

SXCA gives high priority to competitive and recreational sports in keeping with the Jesuit tradition. It is an integral part of education at Xavier's. College offers more than 26 sports and games and a variety of facilities and support services for everyone from beginners to elite athletes. Students are encouraged to undergo daily training and actively participate in inter college and inter-stream competitions.

Some of the facilities available for students to develop sportsman spirit are: Basketball, football, volleyball, tennis, paleta, hockey, Cricket pitch, Gym, Athletics facilities, including an four-lane track and all associated field events, table tennis, Boxing, kho-kho, etc.

College also conducts the following popular competitions:

College hosts 'Fr. Donald Dais Football tournament', 'Intercollege Basket Ball Xavier's Cup', 'Major Padheria Road Race' to keep the sportsman spirit alive on campus.

Annual Sportsfest Championship is an interclass sports event not only to promote sports among students but also to give an opportunity to those who could not represent college at the University level.

The following are the coveted sports awards

THE JOSEPH FERNANDES SCHOLARSHIP

THE EUGENE SEVILLE SCHOLARSHIP

THE GOLDEN JUBILEE SPORTS SCHOLARSHIP

THE JOSEPH FERNANDES TROPHY for SPORTSWOMAN and SPORTSMAN OF THE YEAR



National Service Scheme (NSS)

The NSS provides students with training in leadership. It offers an excellent opportunity to students to develop their human qualities of concern for the disadvantaged in society and become sensitive to them and their conditions. NSS helps students to develop appreciation of the other person's point of view and show consideration to other living beings. It puts them in touch with their less fortunate fellow beings: the poor, the sick and the suffering. Periodic visits to villages and neighbourhood slums exposes them to the "Real India" that is often neglected and ignored. Those who join the NSS are required, by University rules, to render 120 hours of service during the year. Apart from the 10-day camps organised through the University, students who join the NSS are expected to render at least one hour of community service per week.

The NSS in St. Xavier's works in urban and rural areas. The urban initiatives include:

- Blood donation camps in College.
- Campus cleanliness drive.
- Awareness campaign on social issues like HIV/AIDS, gender, child abuse, traffic awareness, etc.
- Surveys in neighbourhood slums.
- Networking with SXSSS and other local NGOs.
- Outreach programmes in old age homes.
- Adoption of a village in collaboration with SXSSS.



Alumni

The Old Xavierites' Association (TOXA)

College alumni hold a special place in the heart of any college community. They are the ones who once walked the lobby and sat in the classrooms, who experienced the same triumphs and struggles as you, and who forged a lifelong connection with their alma mater. As TOXA, we understand and empathize with the deep sense of pride and gratitude that past Xavierites feel towards Xaviers.

For most ex-Xavierites, college has been a transformative experience. It was where they discovered their passions, made lifelong friends, and learned valuable life skills. Their Xaviers days were the ones where they learned to think critically, communicate effectively, and work collaboratively. It was where they laid the foundation for their future careers and made memories that would last a lifetime.

At TOXA, we take pride in the fact that ex-Xavierites carry the legacy of their alma mater with them wherever they go, since for many of them, Xaviers was more than just an institution of higher learning; it was a second home. We believe that the bond between ex-Xavierites and Xaviers is not just sentimental, but a two-way street. Just as alumni give back to their college, their college gives back to them, the college provides a lifelong network of support and resources that alumni can rely on for personal and professional growth. The college remains a constant source of inspiration and pride, a place where alumni can always feel at home.

To create a huge community of alumni, TOXA (The Old Xavierites' Association) has been an active part of St. Xavier's College for over 5 decades, run by some of the notable alumni. To ensure the alumni get even more opportunities to be back at campus, we at TOXA, plan a year full of events and activities, so that the alumni get to sip the canteen tea with their friends one more time. Below is what we have scheduled to bring the alumni back to the campus in the coming year:

- June - JAAG Milan, a gathering of alumni of all Jesuit institutions from across Gujarat
- July - TOXA Green Xavier's Day, our chance to make our campus even greener
- August - Departmental Alumni Day, meet your batchmates and faculties across a fun evening
- October - TOXA Garba, Ahmedabad's one of the most hip garbas
- December - TOXA Nite, your chance to relive the cullfest
- February - TOXA Sports Day, come together to play another match on the campus grounds.
- April - Final Year Farewell Day, join us in bidding farewell to the graduates.

We'd encourage each of the alumni to make time for these activities from your schedule and actively participate. These activities are a chance to bond with the senior alumni, classmates and faculties. We'd love it if you wish to volunteer, help us organize or even become part of the TOXA execution team.

We believe that ex-Xavierites carry Xaviers in their heart wherever they go, because once a Xavierite, always a Xavierite.

For details, contact: 98750 17116

Alumni Membership Fee: Rs. 500/-



Human Resources Cell

The human resources cell carries out the functions of identifying and empowering the right human resources for both the wholesome growth of the institution and the well-being of the individuals who are associated with the institution. The cell mainly undertakes three important activities:

1. Recruitment of both teaching and non-teaching staff
2. 360 degrees of evaluation and feedback of the recruited staff
3. Empowerment of the recruited staff through various faculty development programmes.

HR cell focuses also on capacity building based on personal skills, academic skills and community building. HR thrives in building up inter & intra personal relationships among the faculties.

Staff Recruitment & Induction

Recruitment of Staff

St. Xavier's College, being a religious minority institution, the Selection Committee for a faculty / administrative post consists of:

- Chairman of the Governing Body of the College or his nominee,
- The Principal
- A management representative
- Head of the Department
- A subject expert
- The senior-most faculty in the specific department

After the interview process, the Selection Committee shortlists three successful candidates. No selection will be considered valid unless at least one subject expert is present. The three shortlisted candidates

are then asked to give a demonstration lecture with a minimum of 30 students on a specific date and time. After the demonstration lecture each student present for the same makes an assessment of the candidates on a scale of 10 on paper. After tabulating the score given by the students the average score of each candidate is considered by the Selectb'on Committee for their recommendations. The recommendation of the Selection Committee is final, but subject to approval of the Vice-Chancellor and the Government in the case of Government approved posts and The Trust in the case of Management appointees.

Rules Regarding Suspension of Employees

- When complaints are received against a particular employee, the Principal constitutes a Disciplinary Committee consisting of Academic Heads of the College. The concerned employee is given a chance to explain him/her self to the Disciplinary Committee. After a thorough preliminary enquiry into the complaint, the Disciplinary Committee makes its recommendations to the Principal.
- After studying the recommendations of the Disciplinary Committee, if the Management or the Principal is of the opinion that the presence or behaviour of a particular employee is against the interest of the students / institution, s/he may be placed under suspension pending inquiry. Such a suspended employee shall not enter the premises during the period of inquiry without the written permission of the Principal or the Management.
- It shall be the duty of such an employee to co-operate fully in the enquiry against her/him and shall have to provide all the necessary information required for that purpose.
- During the first six months of the period of suspension, the suspended employee shall be entitled to receive 50% of the

basic salary plus allowances taken together, other than personal allowance, if any.

- If the enquiry continues beyond six months the suspended employee shall be entitled to receive 75% of the basic salary plus allowances taken together, other than personal allowance, if any.
- No suspended employee shall undertake any work either remunerative or otherwise during the period of enquiry.
- At the end of the enquiry, if such an employee is declared innocent, s/he will be paid the remaining pay (including allowances) for the period of suspension and will be entitled to all the rights and benefits as per rules to which s/he would have been entitled had s/he not been suspended. If, however, s/he is declared guilty, s/he shall have to undergo the punishment, including the loss of the remaining salary, that may be imposed by the Management.

Conduct and Discipline

A St. Xavier's College teacher is expected to work conscientiously given the responsibilities and the trust placed in him/her to mould the character of students and to advance knowledge, intellectual freedom and social progress. S/he is expected to realise that s/he can fulfil the role of moral leadership more by example than preaching through a spirit of dedication, moral integrity and purity in thought, words and deeds. Without prejudice to the above mentioned general principles the following code of conduct is laid down for College teachers:

- **Misconduct:** The following lapses would constitute improper conduct on the part of a College teacher:
 1. Failure to perform academic duties such as preparation of lectures, demonstrations, assessment, guidance, invigilation and all other work connected with examinations.

2. Gross partiality in assessment of students, deliberately over-marking, under-marking or attempts at victimization on any grounds.
3. Inciding students against other students, colleagues or administration. This does not interfere with the right of a teacher to express his/her opinion on principles in seminars or other places where students are present.
4. Raising questions of caste, religion, race or sex in his/her relationship with his colleagues and trying to use the above considerations for improvement of his/her prospects.
5. Refusal to carry out the decisions by appropriate administrative and academic bodies and/or functionaries of the College. This will not inhibit his/her right to express his/her opinion on their policies or decisions.
6. Maintenance of integrity and devotion to duty
7. Every teacher shall at all times maintain absolute integrity and devotion to duty.
8. In his/her way of behaviour and outlook every teacher shall set an example to his/her colleagues and students.
9. Every teacher shall at all times conduct himself/herself in accordance with the orders regulating behaviour and conduct which may be in force in the College.
10. No teacher shall discriminate against any pupil on grounds of caste, creed, sect, religion, sex, nationality or languages etc. S/he shall also discourage such tendencies amongst his/her colleagues and students.
11. Every teacher shall devote himself/herself diligently to his/her

work and utilise his/her time in the service of the College, and to the cause of education. S/he shall give full cooperation in all academic programmes and other activities conducive to the welfare of the student community.

Unauthorised communication of information

- No teacher shall, except in accordance with any general or special order of the College authorities or in the performance in good faith of duties assigned to him/her divulge or communicate directly or indirectly any official document or other information whatsoever to any teacher or to any other person to whom s/he is not authorised to divulge or communicate such document or information.

Private trade, employment or tuition

- No teacher shall, except with prior permission of the Principal or the Management, engage or indirectly in any trade or business any other employment.
- No teacher shall engage himself/herself private tuition for which a fee/ charged either within or outside the precincts of the College.





Committees

As per the guidelines for autonomous colleges provided by the UGC, the Governing Body is different from Trust Board / Board of Management / Executive Committee/ Management Committee.

The Governing Body has powers to:

- Fix the fees and other charges payable by the students of the College on the recommendations of the Finance Committee;
- Institute scholarships, fellowships, studentships, medals, prizes and certificates on the recommendations of the Academic Council;
- Give the final approval to the proposals approved by the Academic Council;

- Approve institution of new programmes of study leading to degrees and/or diplomas;
- Perform such other functions as may be necessary and deemed fit for the proper development, and fulfil the objectives for which the College has been declared as autonomous.

The Governing Body may also approve appointment of full time office staff in the examination cell on contractual basis on the recommendation of the Finance Committee.

The Governing Body of St Xavier's College consists of the following members

Fr. Durai Fernand S.J.	Chairman of Governing Body & President of the Trust
Dr (Fr) Vinayak Jadav, S.J.	Principal of the College (Ex-officio)
Dr Himanshu Pandya (VC, GU)	State Govt. Nominee
Dr. Sangeeta Jain	UGC Nominee
Dr. P. N. Gajjar	Gujarat University Nominee
Adv Rakesh Gupta	Management Nominee
Dr (Fr) Suresh Antony, S.J.	Management Representative
Dr (Fr) Johnson Mundupuzhakkal S.J.	Management Representative
Dr Nirmal Desai	Controller of Examinations
Dr (Fr) Sunil Macwan S.J.	Management Representative
Dr Mallika Sanyal	Vice Principal IQAC Coordinator

Academic Council

The Academic Council (AC) is the vital authority in all academic matters of the College. It consists of 27 members including all the Heads of Departments, three members nominated by Gujarat University, the Internal Quality Assurance Cell (IQAC) Coordinator, six outside experts, representatives from industry and alumni, four senior faculty

members, management representative and the Principal. The AC nominates one expert member to the Board of Studies (BoS) of each department in the College, approves the syllabi recommended by BoS, looks into the recommendations of the Examination Committee, approves the academic calendar proposed by IQAC, formulates regulations regarding students' admission policy, prescribes regulation for sports, extracurricular activities, proposes new courses and degree programmes to be introduced, recommends scholarships, prizes and medals, and such other functions to improve the quality of education in the institution. In brief, it is the Academic Council which shapes the academic character of this institution.

Members of the Academic Council

Dr (Fr) Vinayak Jadav, S.J., Principal, St. Xavier's College
Dr (Fr) Sunil Macwan S.J., Vice Principal Arts, St. Xavier's College
Dr Mallika Sanyal, Vice Principal, Science & IQAC Coordinator, St. Xavier's College
Dr (Fr) Johnson Mundupuzhakkal S.J., Vice Principal, Self Finance Courses, St. Xavier's College
Dr (Fr) Suresh Antony, S.J. Vice Principal, Research & Development and HR
Dr Nirmal Desai, Controller of Examinations, Dept of Chemistry, St Xavier's College
Dr Pranav Shrivastav, Dept. of Chemistry, GU Nominee
Dr Linz-Buoy George, Dept. of Zoology, GU Nominee
Dr Ernesto Noronha, Professor, IIMA, Alumnus & External Expert
Mr Pankaj Mudholkar, Director, Aakriti Promotions and Media Ltd., Alumnus
Dr Abhijit Sen, Ex-Director, Plasma Research Institute, Alumnus & External Expert
Dr. Mehul Pandya, Scientist, Space Application Centre, ISRO, External Expert
Dr Manjit Singh Bhalla, Dental Surgeon, Bhalla Dental Clinic & Implant Centre, Professional Expert
Dr. Gaurang Jani, Department of Sociology, Gujarat University, External Expert

Members of the Academic Council

Dr Pinky Desai, HOD, Dept of Economics, St Xavier's College
Dr. Annaashirvadita Sacha, HOD, Dept of English, St Xavier's College
Dr Puranbhai Makwana, HOD, Dept of Gujarati-Hindi, St Xavier's College
Dr Profaina Christian, HOD, Dept of Psychology, St Xavier's College
Dr Ishwar Mehra, HOD, Dept of Sanskrit, St Xavier's College
Dr Sudeshna Menon, HOD, Dept of Biochemistry - Biotechnology, St Xavier's College
Dr Atul Makwana, HOD, Dept of Chemistry, St Xavier's College
Dr Rajesh Iyer, HOD, Dept of Physics-Electronics St Xavier's College & NEP Nodal officer
Dr Udayan Prajapati, HOD, Dept of Mathematics, St Xavier's College
Dr Nandita Christy, HOD, Dept of Statistics, St Xavier's College
Dr. Rashmi Yadav, HOD, Dept of Botany, St Xavier's College
Dr. M. D. Momin, HOD, Dept of Zoology, St Xavier's College
Dr. Pravida Raja, Coordinator, MSc. BDA, St Xavier's College
Ms. Kinjal Mistry, Coordinator, Dept of Commerce, St Xavier's College
Dr. Nithya Nadar, Coordinator, Dept of Computer Sciences, St Xavier's College
Mrudul Gadhvi, Coordinator, Dept of Physics-Electronics, St Xavier's College

Board of Studies

The Board of Studies (BoS) of each department consists of its entire faculty, one University nominee, one Academic Council nominee, alumni, industry representative, and outside experts, with the Head of the Department as its Chairperson. The number of members differs from one department to another depending on the size of the department. BoS deliberates on new developments in their field, formulates the course content, teaching - learning methodology, possible ways of assessment and quality assurance, and recommends the same to the Academic Council.

The functions of the Board of Studies (BoS) include

1. Preparing syllabi for various courses keeping in mind the objectives of the College, interest of the stakeholders and national requirement, for consideration and approval of the Academic Council;
2. Suggesting methodologies for innovative teaching and evaluation techniques;
3. Suggesting panel of names to the Academic Council for appointment of examiners;
4. Coordinating research, teaching, extension and other academic activities in the department/College;
5. Encouraging visits of scholars, scientists, artists, writers to campus for interaction with students;
6. Initiating incubation activities, and
7. Working in close collaboration with the Research Committee and Finance Committee to promote research in the department.

Gujarat University Nominees to the Various Boards of Studies

Economics	To be Nominated
English	Dr. Nutan Kotak, Professor, Dept, of English, Guj. Uni.
Gujarati-Hindi	Dr. Jitendra Macwan, Manekbaug Bank Arts and Mahindra Urban Bank College, Mahmedabad
Psychology	Dr. Kamayani Mathur, Director, School of Social Sciences, Guj. Uni.
Sanskrit	To be Nominated
Communications	To be Nominated
Biochemistry	Dr. Meenu Saraf, Professor, Dept, of Microbiology, Guj. Uni.

Gujarat University Nominees to the Various Boards of Studies

Botany	Dr. Archana Mankad, Head, Dept, of Botany, Guj. Uni.
Chemistry	Dr. H D Patel, Dept, of Chemistry, Guj. Uni.
Mathematics	Dr. Ravi Gor, Dept, of Mathematics, Guj. Uni.
Electronics	Dr. Utpal Joshi, Asso. Professor, Dept, of Physics, Guj.Uni.
Physics	Dr. P. N. Gajjar, Head, Dept, of Physics, Guj. Uni.
Statistics	Dr. Chetna Bhavsar, Head, Dept, of Statistics, Guj. Uni.
Zoology	Dr. Kiran Prajapati, Asso. Professor, Dept, of Zoology, RA Bhavan's College, Ahmedabad
BCA	Prof B.S. Agrawal – Director, Rolwala Computer Center - GU
B.Com	Dr. Bharati V Pathak - School of Commerce, Guj. Uni.
BDA	Dr. Jyoti Pareek, Dept, of Computer Sciences, Guj. Uni.

Members of Board of Studies in Different Departments

Department of Economics

Dr. Pinky J Desai (Chairperson)	Ms. Reema Lucia
Mr. Vijaysinh Dhandhukiya	Dr. Viswanath Pingali
Dr. Atman Shah	Dr. Umesh Menon
Mr. Eshan Shenolikar	Dr. Sarita Agrawal
Ms. Khushi Trivedi	Dr. Ketan Shah
Mr. Imanuel Gamit	Mr. Nitendra Patel

Department of English

Dr. Annaashirvadita Sacha (Chairperson)	Dr. Indira Nityanandan
Dr. Saurabh Vaishnav	Dr. Nutan Kotak
Dr. (Fr.) Sunil Macwan	Dr. Atanu Bhattacharya
Dr. Hardik Thakker	Dr. Sonali Pattnaik
Dr. Shyno Baby	Dr. Dharmendra Sheth
Mr. Nivid Desai	

Department of Gujarati-Hindi

Dr. Puranbhai Makwana (Chairperson)	Dr. Bharti Oza
Dr (Fr) Vinayak Jadav, S.J.	Mr. Anil M Parmar
Dr. Anand Vasava	Dr. Vaishaliben Dhoikiya
Dr. Jitendra Macwan	Mr. Rajendra Patel
Dr. Arvind Vaghela	Dr. Ajay Raval
Dr. Nisarg Ahir	Dr. Dhiraj Vankar

Department of Psychology

Dr Profaina K Christian (Chairperson)	Dr. Kamayani Mathur
Dr. Arefa J Mansuri	Dr. Tatpar.Joshipura
Dr. Arti Oza	Dr. Gandharva Joshi
Dr. Achinta Yagnik	Dr. B D Dhila
Dr. Ajay Chauhan	Dr. Supriya Sioni
Dr. Jigar Parekh	

Department of Sanskrit

Dr. Ishwar L Mehra (Chairperson)	Ms. Disha Parmar
Dr. Rajvi Oza	Dr (Fr) Vinayak Jadav, S.J.
Dr. Girish Solanki	Dr. Ravindra Khandwala
Dr. Rashmikant Dhruv	Dr. Manubhai Parmar
Dr. Niranjana Patel	Dr. Madhavi Upadhyay
Dr. Mana Shah	Mr. Dilip Thakkar

Department of Communications

Mr. Rajoo Barot	Mr. Vrundavan Vaidya
Mr. Saumya Joshi	Mr. Gaurang Raval
Dr (Fr) Vinayak Jadav, S.J.	Mr. Divy Bhagia
Dr. Nirmal Desai	

Department of B Com

CA Harsh Khoradia (Chairperson)	Ms. Shivani Shah
Dr. Marzun Jokhi	Dr. Bharati V Pathak
Dr. Minnie Matthew	Dr. N C Raghavi Chakravarthy
Dr. Delnaz Jokhi	Mr. Rajmohan Nair
Dr. Mehul A Patel	Ms. Tanushka Kumar
Ms Kinjal Mistry	Ms. Erica Macwan
Ms. Mitali Konnur	Ms. Komal Tolani



Department of Biochemistry / Biotechnology

Dr. Sudeshna Menon (Chairperson)	Dr Monica Thakur
Dr. Sebastian VA	Dr. Sarat Dalai
Dr. Shital H Doshi	Dr. Meenu Saraf
Dr. Bhadresh Rami	Ms. Anindita Mehta
Ms. Kenalee Patel	Dr. Yogesh Baravaliya
Dr. Nandini Ghosh	Ms. Sonal Thakur
Dr. Avni Divatia	Dr. Kinjal Bhatt
Dr. (Fr) Suresh Antony	Ms. Srishti Chabaria

Department of Computer Sciences

Dr (Fr) David Roy, SJ (Chairperson)	Ms. Nithya Nadar
Mr. Dhwanir Shah	Dr. Manali Brahmhatt
Dr. Dhara Bhatt	Ms. Ashita Patel
Ms. Khushboo Shah	Ms. Celia Anthony
Dr. B S Agrawal	Ms Kanickai Mary
Prof Mala Shree	

Department of Chemistry

Dr Atul Makwana (Chairperson)	Dr. Vijayalakshmi Pandey
Dr Nirmal D Desai	Mr Dinesh V Katara
Dr Francis A Christy	Dr Bijal A Shah
Dr Mallika Sanyal	Dr Devang R Pandya
Dr Pranav M Trivedi	Dr Sri ram Kanvah
Dr Pranav Shrivastav	Mr Hitesh D Patel
Dr S.D. Wadekar	Dr J.J. Vora
Mr Pathik Patwari	Ms Deesha Khetani
Dr Divya Gangal	Dr Uma Harikrishnan
Dr Divya Buha	Dr Angel Mary Joseph

Department of BDA

Dr (Fr) David Roy, SJ (Chairperson)	Ms. Vishwa Saraiya
Dr. (Fr) Johnson Mundupuzhakal	Dr Bimal Roy
Mr Magesh	Dr. Arnab Kumar Laha
Dr Nirmal Desai	Dr Udayan Prajapati
Dr Nandita Christy	Dr Pravida Raja
Dr Kirtan Parmar	Dr Gurudutt Gaur
Ms. Hemal Desai	Ms. Celia Anthony
Mr. Eshan Shenolikar	Mr. Chetan Verma

Department of Electronics

Dr. Rajesh Iyer (Chairperson)	Dr. Anita R Sharma
Dr. Urvi V Chhaya	Dr. Shailesh M Patel
Dr. Mrudul R Gadhvi	Dr. Jesalvir J Joshi
Dr. Arun P Patel	Mr. Kuldeep Purohit
Dr. Nandita D Ganguly	Dr. (Fr) Johnson Mundupuzhakal, S.J.
Dr. Sanjeev K. Gupta	Dr. Biren Patel
Dr. S. P. Bhatnagar	Dr. Gurudutt Gaur
Dr. M. S. Bhatt	Mr. Akshay Satawara
Dr. G. C. Jain	Dr. Utpal Joshi
Dr. P. D. Lele	Ms. Anandita Banerjee

Department of Botany

Dr. Rashmi Yadav (Chairperson)	Dr. Maulik H Gadani
Dr. Kinnari J. Dubai	Dr. S.D. VEDIYA
Dr. B. K. Jain	Dr. Akash Bhavsar
Dr. Archana Mankad	Dr. K. Saroja
Dr. Monica Christian	

Department of Mathematics

Dr. Udayan Prajapati (Chairperson)	Dr. Nita Shah
Dr. Sanjay Patel	Mr. Shashikant Sharma
Dr. S. P. Prasanna	Mr. R L Bhila
Dr. Ravi Gor	Dr. Savan Patel
Dr. Bhavin Patel	Mr. Kishan Vyas
Dr. Dhawal Bhatt	Ms. Arti Salat
Dr. Prakash Dabhi	Dr. Kinjal Shah

Department of Physics

Dr. Rajesh Iyer (Chairperson)	Dr. Nandita D Ganguly
Dr. Urvi V Chhaya	Dr. Anita R Sharma
Dr. Mrudul R Gadhvi	Dr. Shailesh M Patel
Dr. Arun P Patel	Dr. Shailesh M Patel
Dr. Sanjeev K. Gupta	Dr. (Fr) Johnson Mundupuzhakal, S.J.
Dr. Jesalvir J Joshi	Mr. Kuldeep Purohit
Dr. R. V. Upadhaya	Dr. Biren Patel
Dr. V Shrinet	Dr. Gurudutt Gaur
Dr. N Ramasubramaniam	Mr. Akshay Satawara
Dr. Ashwin Joy	Dr. Raghavan Rangarajan
Dr. P N Gajjar	

Department of Statistics

Dr. Nandita F Christi (Chairperson)	Mr. Hitesh Chauhan
Dr. Kirtan Parmar	Dr. Shraddha C Bhatt
Dr. Aruna K Pandya	Dr. M.N. Patel
Dr. K.A. Gajjar	Dr. Paresch Prajapati
Dr. Ghanshyam C Patel	Dr. Chetna Bhavsar
Dr. V.A. Kalamkar	Dr. Mruga Adhvaryu
Dr. Sweta Patel	Dr. Dharmesh Raykundalia

Department of Zoology

Dr. Mohammed Ali Momin (Chairperson)	Ms. Ann Maria
Dr. Sharadkumar Sondarva	Dr. Robin M Parmar
Dr. Amit J Koshti	Dr. Kiran Prajapati
Dr. R. K. Sahu	Dr. Nihar Nimbark
Dr. Harshad Mandola	Mr. Jay Mehta

In addition to the above mentioned Statutory Bodies, the following are the two most important committees which are of significance in an autonomous college, namely, the Examination Committee and the Finance Committee

Examination Committee

The Examination Committee is headed by the Controller of Examinations (CoE), and the Principal of the College is its Chief Controller of Examinations. The Examination Committee looks after the continuous, comprehensive evaluation of students through internal and external examinations. The Examination Committee evolves methods of assessment of students' performance, and ensures the conducting of examinations and notification of results.

Members of the Examination Committee

Dr(Fr) Vinayak Jadav, S.J. (Chief Controller of Examinations)

Dr Nirmal Desai (COE)	Dr Udayan Prajapati
Dr (Fr) Johnson M.S.J.	Dr Pinky Desai
Dr (Fr) Sunil Macwan	Dr. Mallika Sanyal
Dr Sebastian Vadakan	Dr (Fr) David Roy

Finance Committee

The Finance Committee looks at the finances of the College, suggests the fee structure if it is a self- financed course, the remuneration to be paid to teachers, suggests financial and infrastructural requirements of introducing new courses and programmes, awarding medals, scholarships, etc., which are proposed by the Academic Council and makes its suggestions to the Governing Body.

Members of the Finance Committee

Dr (Fr) Vinayak Jadav, S.J., Principal

Fr Ramesh Macwan, S.J., Treasurer, St Xavier's College

Mr Kaniah Thaker, GU Nominee

Prof Victor Saldanha, External Expert

Dr Mohammed Ali Momin, Senior Faculty, St Xavier's College

Dr. Shital Doshi, St Xavier's College

Mr Pramesh Shah, External Expert

Internal Quality Assurance Cell (IQAC)

Dr (Fr) Vinayak Jadav, S.J., Principal

Dr Arti Oza, Member

Dr Mallika Sanyal, IQAC Coordinator

Dr Nirmal Desai

Mr. Shyam Parekh (External Expert)

Dr Shital Doshi

Dr. Anindita Mehta (External Expert)

Dr Sanjeev K. Gupta

Dr. Atanu Bhattacharya (External Expert)

Dr Uma Harikrishnan

Mr Agnelo Gonsalves, Administrator, SXC

Dr Rashmi Yadav

Dr (Fr) Johnson Mundupuzhakal S.J.

Mr. Johnson Christian

Non-Statutory Committees

Admission Committee

Dr (Fr) David Roy, SJ (C)

Dr. Mallika Sanyal

Dr (Fr) Vinayak Jadav, S.J., Principal

Dr (Fr) Suresh Antony, SJ

Dr (Fr) Sunil Macwan

Dr Nirmal Desai (COE)

Dr (Fr) Johnson M, S.J.

Purchase Committee

Dr. Shailesh M. Patel (C)

Dr. Sweta Patel

Dr. Nandita F. Christy

Attendance Committee

Dr. Nandita Ganguly (C)

Ms. Rupali Chudasama

Ms. Sonal Thakur

Ms. Dipali Talsania

Dr. Hardik Thakkar

Mr. Joy Christian

Ms. Tanushka Kumar

Library

Dr. Devang Pandya (C)

Dr. Kinjal Bhatt

Dr. Bijal Shah

Dr. Rajavi Oza

Mr. Anil M. Parmar

Dr. Shyno Baby K

Dr. Aruna K Pandya

Campus Ministry

Fr. Darrel Velloz, SJ (C)

Sr. Kanickai Mary

Sr. Mary James

Ms. Remi Clement

Ms. Khushboo Shah

Extra-Curricular Activities

Ms. Deesha Khetani (C)

Ms. Srishti Chhabria

Dr. Anita Sharma

Mr. Rajmohan Nair

Dr. Manali Brahmbhatt

Ms. Komal Tolani

Dr. Divya Gangal

Sports Activities

Dr. Vijaysinh B. Padheriya (C)

Dr. Sanjay W. Patel

Dr. Robin M. Parmar

Mr. Kuldeep Purohit

Student Welfare

Dr. Kinnari J. Dubal (C)

Dr. Saurabh Vaishnav

Dr. Jesalvir J. Joshi

Ms. Shivani Shah

RTI

Dr (Fr) Vinayak Jadav, S.J. Mr Agnelo Gonsalves

Research and Development

Dr. (Fr) Antony Suresh (C) Dr. Suhani Parekh

Dr. Sanjeev K Gupta (Dean) Dr. NC Raghavi Chakravarthy

Dr. Atul H Makwana Dr. Angelmary Joseph

Dr. Yogesh Baravalia Mr. Eshan Shenolikar

Dr. (Fr.) Sunil Macwan

Internal Complaint Committee

Dr. Mallika Sanyal (C) Sr. Mary James

Dr. Pinky Desai Ms. Anita Patel

Dr. Francis Christy Ms. Persis Ginwala (External Member)

Dr. (Fr) Johnson Mundupuzhakal S.J.

POSH (Prevention of Sexual Harassment)

Dr. Mallika Sanyal (C) Ms. Kirti Pravasi

Dr. Arti Oza Ms. Sujatha Rajesh (External member)

Dr. (Fr) Suresh Antony.SJ Ms. Aishwarya Gupta (External member)

Fr Darrel Velloz,SJ

Anti-Ragging

Mr. Vijaysinh Dhandhukia (C) Mr. Akshay Satwara

Dr Vijaysinh Padheriya Sr Lincy Augustine, CCV

Dr (Fr) Sunil Macwan,SJ

Mentoring and Remedial Programme

Dr. Sebastian V A (C) Mr. Katara Dineshbhai V.

Dr. Maulik H. Gadani Dr. Sharadkumar V. Sondarva

Alumni

Dr. Supriya Sioni (C) CA Harsh Khoradia

Dr.Rashmi Yadav

Innovation club

Dr. Pranav Trivedi (C) Dr. Dhara Bhatt

Dr. Francis A. Christy Dr. Yogesh Baravalia

NSS

Dr. Atman Shah (C) Dr. Monica Thakur

Dr. Amit koshti

Placement and Training

Dr. Urvi Chhaya (C) Mr. Dhwanir Shah

Prof. Mitali Konnur Mr. Eshan Shenolikar

Website Up-Gradation

Dr.Nandini Ghosh (C) Dr. Nithya Nadar

Dr. Sudeshna Menon Dr. Vijayalakshmi Pandey

Micro IQAC

Dr. Dhara Bhatt (C) Dr. Suhani Parekh

Dr. Tatpar Joshipura Mr. Satawara Akshay M

Dr. Dhawal J. Bhatt Ms. Erica Macwan

Mr. Kishan Vyas Mr. B V Desai

Women Development Cell

Dr. Arti Oza (C) Dr. Divya Buha

Dr. Shraddha Bhatt Ms. Arti Salat

Ms. Kinjal Mistry

NEP Task Force

Dr. Rajesh Iyer (C)	Mr. Rajmohan Nair
Dr. Pinky Desai	Dr. Shweta Patel
Dr. Savan Patel	Dr. Gurudutt Gaur
Dr. Pravida Raja	

Time table Committee

Dr. Atul Makwana (C)	Dr. Profaina Christian
Dr. Udayan Prajapati	Dr. Anita Sharma
Dr. Pinky Desai	Mr. Joy Christian

Youth Festival Committee

Dr. Rajesh Iyer (C)	Dr. Atman Shah
Dr. Anita Sharma	Mr. Gaurang Raval
Dr. Arefa Mansuri	Dr. Arti Kumar
Dr. Sudeshna Menon	Dr. Vikram Panchal (External member)

Human Resources Cell

Dr (Fr) Antony Suresh, SJ (C)	Dr. Tatpar Joshipura
Dr. Udayan Prajapati	Dr. Rashmi Yadav
Dr. Pinky Desai	Dr. Monica Thakur
Dr. Uma Harikrishnan	

JAGRAT (Equal Opportunity Cell)

Dr. Ishwar Mehra (C)	Dr (Fr) Sunil Macwan
Dr. Profaina Christian	Mr. Immanuel Gamit
Dr. Puranbhai Makwana	Mr. B V Desai

NCC

Mr. Vijaysinh Dhandhukiya (Navy)	Dr. Kirtan Parmar (Air Force)
Dr. Vijaysinh Padheriya (Army)	



In addition to the above mentioned bodies, SXC being a Jesuit institution has a ‘Governing Council’ which is actively involved in the functioning of the College.

The Governing Council meets every second Monday of the month to discuss important matters pertaining to the College. Important decisions related to implementation of policies, programmes, accounts etc., which are proposed by the Principal, Governing Body, Academic Council and other Committees are brought to the Governing Council for consultation before presenting these to the Managing Council, who normally meets the next day.

The Managing Council meets on a frequent basis to discuss day to day matters pertaining to the college.



Administrative

Mr Gonsalves Agnelo C.	Office Superintendent	Office
Mr Dharmesh Barot	Secretary to the Principal	Principal's Office
Mr Gaurang Raval	Supervisor (3rd Shift)	Office
Ms Pravasi Kirti J.	Accountant	Office
Ms Jayshree Bhatt	Sr. Clerk	Office
Ms Patel Anita J.	Head Clerk	Office
Mr Christian Johnson J.	Sr. Clerk	Office
Mr Makwana Virendra K.	Sr. Clerk	Office
Ms Talsania Dipali H.	Jr. Clerk	Office
Mr. Ropson Rappai	IT Manager	Society Office
Mr Jignesh Makwana	Accountant	Society Office
Dr Meena N Pandya	Librarian	Library
Ms Priti Macwan	Jr. Clerk	Library
Ms Cini Denny	Academic Assistant	Office
Ms Ankita Mistry	Administrative Asst.	Office
Ms Remi Clement	Administrative Asst.	Office
Ms Poonal Jitiya	Jr. Clerk	Office
Ms Divya Patel	Jr. Clerk	Office
Ms Jesmin Suvera	Clerk	Office
Ms Mary Mendes	Clerk	Office
Mr Macwan Vinod V.	Electrician	Physics
Mr Macwan Edwin P.	Store Keeper	Chemistry
Mr Desai Gaurav D. Gas	Mechanic	Chemistry
Mr Antim Y. Vatavwala	Peon	Office
Mr Mukund P. Parmar	Peon	Office
Mr Dinesh P. Parmar	Peon	Office
Mr Rajesh J. Vaghela	Lab. Peon	Physics
Mr Hemantbhai K. Vaghela	Lab. Peon	Chemistry
Mr Dahyabhai Mayavanshi	Peon	Society Office
Mr Suraj Rathod	Peon	Office
Mr Naren Rathod	Peon	Office



Scholarships, Medals & Prizes

Sr. No	Prize	Awardee Class	Award
Ex-Students			
101	THE REV. FR. DONALD DIAS MEMORIAL PRIZE (ESTD. BY GOV. BODY, SXC SOCIETY)	Ex-Staff/ Student	For outstanding past staff or student who continues rendering valuable service to the College
102	THE PROF. J.J. CHINOY PRIZE THE CENTURION BANK PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V & VI Biochemistry Exams
103	THE MRS. INDUMATI & LATE MR. JAYENDRAPRASAD DUBAL PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V & VI Botany Exams
104	THE MURLIDHAR MURARKA PRIZE THE CENTURION BANK PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V & VI Chemistry Exams
105	THE DR. I. M. BHATT PRIZE	Ex Student	For the Xavierite securing the highest number of marks in Final BSc Sem-V & VI Paper 6503 Chemistry Exams

Sr. No	Prize	Awardee Class	Award
Ex-Students			
106	THE DR. J. C. VORA PRIZE	Ex Student	For the Xavierite securing the highest number of marks in Final BSc Sem-V 8c VI Paper 6504 Chemistry Exams
107	THE SHRI RAMESHCHANDRA C. SHARMA PRIZE	Ex Student	First among Xavierites in the BSc Sem-V & VI Electronics Exams
108	THE ANTHONY REBELLO PRIZE THE PROF. S.B. PATEL PRIZE THE PROF. S.S. VORA PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V 8c VI Mathematics Exams
109	THE SMT. PARVATI RAMANATHAN PRIZE THE SHRI HARIGOPAL CHHABILDAS BHATIA PRIZE THE PROF. M. M. GOR PRIZE THE LATE SHRI TARAL SURESH BUCH PRIZE THE CENTURION BANK PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V & VI Physics Exams
110	THE LATE SHRI TARAL SURESH BUCH PRIZE	Ex Student	Second among Xavierites in the Final BSc Sem-V & VI Physics Exams
111	THE PROF. D. M. SHAH PRIZE	Ex Student	For the Xavierite securing the highest number of marks in Final Bsc Sem-V & VI Paper 6502 Physics Exams
112	THE FR. DONALD DIAS MEMORIAL PRIZE THE RATANJI HARJI GUNDECHA PRIZE THE CENTURION BANK PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V & VI Statistics Exams
113	THE DR. T. V. VENKATRAMAN PRIZE	Ex Student	First among Xavierites in the Final BSc Sem-V 8c VI Zoology Exams
114	MR. LAMBERT EDMUND D'CRUZ THE AJIT BHAGAT PRIZE THE SHRI HARIGOPAL CHHABILDAS BHATIA PRIZE	Ex Student	First among Xavierites in the Final BA Sem-V & VI Economics Exams
115	THE PROF. TIRATH GUPTA MEMORIAL PRIZE	Ex Student	Most promising student of Economics securing 1st Class in Final SYBA & TYBA Exams
116	THE DR. T. V. VENKATRAMAN PRIZE THE KALAVATIBEN VARDHMANBHAI SHETH PRIZE	Ex Student	First among Xavierites in the Final BA Sem-V & VI English Exams
117	THE AVANTIKA MEMORIAL PRIZE THE LATE DR. CHIMANLAL TRIVEDI PRIZE	Ex Student	First among Xavierites in the Final BA Sem-V & VI Gujarati Exams
118	MR. LAMBERT EDMUND D'CRUZ THE BHARATSINGH CHUDASMA PRIZE	Ex Student	First among Xavierites in the Final BA Sem-V & VI Psychology Exams
119	THE LATE SMT. THANGAM S. IYER PRIZE	Ex Student	Second among Xavierites in the BA Sem-V & VI Psychology Exams
120	THE MAY JONES PRIZE THE KALAVATIBEN VARDHMANBHAI SHETH PRIZE	Ex Student	First among Xavierites in the BA Sem-V & VI Sanskrit Exams

Sr. No	Prize	Awardee Class	Award
Ex-Students			
121	THE LATE DR. S.J. CONTRACTOR PRIZE THE LATE DR. SURESH CHANDRA SHRIVASTAV PRIZE	Ex Student	First among Xavierites in the M.Sc. Sem. 1 -IV Chemistry Exams
122	THE DR. ATUL HARIBHAI MAKWANA, CHEMISTRY HoD PRIZE	Ex Student	Xavierite securing higher marks in B.Sc. Sem-V/VI as well as Sem-III/IV M.Sc. Organic Chemistry

Sr. No	Prize	Awardee Class	Award
First Year			
201	THE FR. HERBERT A DE SOUZA PRIZE	FY BA	First among Xavierites at HSC Arts Exam
202	THE PRIN. C.L.SHASTRY SCHOLARSHIP	FYBA	First among Xavierites in the HSC Board Exams offering Sanskrit Major
203	THE MARY HENNESSY & THE MARY MURPHY PRIZES	FYBA	First in BA Sem-I Examinations: Economics
204	THE COLUMBIETTE PRIZE	FYBA	First in BA Sem-I Examinations: English
205	THE HELEN ANDERSON PRIZE	FYBA	First in BA Sem-I Examinations: Gujarati
206	THE ANGELA D'SOUZA PRIZE	FYBA	First in BA Sem-I Examinations: Hindi
207	MANAGEMENT PRIZE	FYBA	First in BA Sem-I Examinations: Psychology (G)
208	THE AM ARSING LALSING PRIZE	FYBA	First in BA Sem-I Examinations: Psychology
209	THE ROMESH SHASTRI PRIZE	FYBA	First in BA Sem-I Examinations: Sanskrit
210	THE AMBICA PLUMBING WORKS PRIZE	FYBA	First in BA Sem-I Examinations: Statistical Methods
211	MANAGEMENT PRIZE	FYBA	First in BA Sem-I Examinations: Computer Methods
212	MANAGEMENT PRIZE	FYBA	First in BA Sem-I Examinations: Economics (G)
213	MANAGEMENT PRIZE	FYBCA	First in BCA Sem-I Examinations
214	MANAGEMENT PRIZE	FY BCom	First in BCom Sem-I Examinations
215	THE VIDHU MATHUR PRIZE	FYBSc	First in BSc Sem-I College Exams "A" Group Second in BSc Sem-I College Exams "A" Group
216	THE NITI TALUJA PRIZE	FYBSc	First in BSc Sem-I College Exams "B" Group Second in BSc Sem-I College Exams "B" Group
217	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Biochemistry

Sr. No	Prize	Awardee Class	Award
First Year			
218	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Biotechnology
219	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Botany
220	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Chemistry
221	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Electronics
222	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Mathematics
223	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Physics
224	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Statistics
225	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Zoology
226	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Voc. Biotechnology
227	MANAGEMENT PRIZE	FYBSc	First in BSc Sem-I Examinations: Voc. Industrial Chemistry

Sr. No	Prize	Awardee Class	Award
Second Year			
301	THE FR. HERBERT A DE SOUZA PRIZE	SYBA	First in the B.A. End Sem-I & II Exams
302	THE KASHIRAM GAJANAND CHARITABLE TRUST PRIZE THE DR. APARNA SINHA PRIZE	SYBA	First in the B.A. End Sem-I & II Economics Exams
303	THE KASHIRAM GAJANAND CHARITABLE TRUST PRIZE THE KALAVATIBEN VARDHMANBHAI SHETH PRIZE	SYBA	First in the B.A. End Sem-I & II English Exams
304	THE SMT. CYAN HAJELA PRIZE	SYBA	First in the B.A. End Sem-I & II Hindi Exams
305	THE SMT. MANGALGAURISHUKLA SANSKRIT PRIZE THE KALAVATIBEN VARDHMANBHAI SHETH PRIZE	SYBA	First in the B.A. End Sem-I & II Sanskrit Exams
306	THE ENRIQUE IMAZ PRIZE	SYBA	First in BA Sem-III College Exams: Economics
307	THE KUSUM GIJUBHAI DANDNAIK PRIZE	SYBA	First in BA Sem-III College Exams: English
308	THE JOSEPH REILLY PRIZE	SYBA	First in BA Sem-III College Exams: Gujarati
309	THE BRO. GARATE PRIZE	SYBA	First in BA Sem-III College Exams: Hindi

Sr. No	Prize	Awardee Class	Award
Second Year			
310	THE THOMAS O'NEIL (JR) PRIZE	SYBA	First in BA Sem-III College Exams: Psychology
311	THE JOSEPH CHIAPPINA PRIZE THE JOSEPH AND MARY LIBERTUCCI PRIZE	SYBA	First in BA Sem-III College Exams: Statistical Methods
312	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Economics (G)
313	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Economics
314	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: English
315	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Gujarati
316	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Hindi
317	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Psychology (G)
318	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Psychology
319	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Sanskrit
320	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Statistical Methods
321	MANAGEMENT PRIZE	SYBA	First in BA Sem-II and III Examinations: Statistical Methods
322	MANAGEMENT PRIZE	SYBCA	First in BCA Sem-II and III Examinations
323	MANAGEMENT PRIZE	SYBCom	First in BCom Sem-II and III Examinations
324	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Biochemistry
325	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Biotechnology
326	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Botany
327	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Chemistry
328	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Electronics
329	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Mathematics
330	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Physics
331	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Statistics
332	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Zoology
333	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Voc. Biotechnology

Sr. No	Prize	Awardee Class	Award
Second Year			
334	MANAGEMENT PRIZE	SYBSc	First in BSc Sem-II and III Examinations: Voc. Industrial Chemistry
335	THE FR. HERBERT A DE SOUZA PRIZE THE KASHYAP A. SHAH MEMORIAL PRIZE	SYBSc	First in the B.Sc. End Sem-I & II Exams B Group
336	THE KALAVATIBEN VARDHMANBHAI SHETH PRIZE	SYBSc	First in the B.Sc. End Sem-I & II Exams with Vocational Biotechnology
337	THE JADAVJI MAMA MEMORIAL PRIZE	SYBSc	First in the B.Sc. End Sem-I & II Chemistry Exam
338	THE SANGARBEN MATHEMATICS PRIZE THE PROF. S. B. PATEL PRIZE	SYBSc	First in the B.Sc. End Sem-I & II Mathematics Exam
339	THE ST. XAVIER'S COLLEGE SILVER JUBILEE PRIZE-1	SYBSc	First in BSc Sem-III College Exams: Biochemistry
340	THE KAUSHIK1. VYAS PRIZE-1	SYBSc	First in BSc Sem-III College Exams: Botany
341	THE MUUIBHAIK. SHAH PRIZE	SYBSc	First in BSc Sem-III College Exams: Chemistry
342	THE EILEEN CARNEY PRIZE	SYBSc	First in BSc Sem-III College Exams: Electronics
343	THE PROF. MAHENDRA SHAH PRIZE-1	SYBSc	First in BSc Sem-III College Exams: Mathematics
344	THE JOSE AGUINAGA PRIZE-1	SYBSc	First in BSc Sem-III College Exams: Physics
345	THE SURESH SACHANANDANI PRIZE	SYBSc	First in BSc Sem-III College Exams: Statistics
346	THE FR. JOSEPH SALLAS PRIZE-1	SYBSc	First in BSc Sem-III College Exams: Zoology Third Year

Sr. No	Prize	Awardee Class	Award
Third Year			
401	THE FR. HERBERT A. DE SOUZA PRIZE	TYBA	First among Xavierites in the BA End Sem-III & IV Exams
402	THE SHRI A. M. L. HAJELA PRIZE	TYBA	First among Xavierites in the BA End Sem-III & IV Economics Exams
403	THE S. V. S. IYER ENGLISH PRIZE	TYBA	First among Xavierites in the BA End Sem-III & IV English Exams
404	THE KALAVATIBEN VARDHMANBHAISHETH PRIZE	TYBA	First among Xavierites in the BA End Sem-III & IV Sanskrit Exams
405	THE FR. FRANCIS BRAGANZA PRIZE	TYBA	First in BA Sem-V College Exams Economics
406	THE KAY MARION PRIZE	TYBA	First in BA Sem-V College Exams: English
407	THE WILLIAM & MARY CONLEY PRIZE	TYBA	First in BA Sem-V College Exams: Psychology

Sr. No	Prize	Awardee Class	Award
Third Year			
408	THE FR. JOSEPH SALLAS PRIZE-II THE ROMESH SHASTRI PRIZE	TYBA	First in BA Sem-V College Exams: Sanskrit
409	THE DR. SHANTI PRASANNA AND PROF. A.R. PRASANNA PRIZE	TYBSc	For doing consistently well in Mathematics for three years
410	THE FR. HERBERT A DE SOUZA PRIZE	TYBSc	First among Xavierites in the B.Sc. End Sem-III & IV Exam
411	THE SMT. VIDYA SINHA PRIZE	TYBSc	First among Xavierites in the B.Sc. End Sem-III & IV Mathematics Exam
412	THE SHRI R. B. SINHA PRIZE	TYBSc	First among Xavierites in the B.Sc. End Sem-III & V Physics Exam
413	THE MAULIK PARMAR MEMORIAL PRIZE THE SILVER JUBILEE PRIZE-II THE LATE S. JAYDEV PRIZE	TYBSc	First in BSc Sem-V College Exams: Biochemistry
414	THE DR. A. J. SHAH PRIZE	TYBSc	First in BSc Sem-V College Exams: Botany
415	THE DR. N. M. SHAH SCHOLARSHIP	TYBSc	First in BSc Sem-V College Exams: Chemistry
416	THE PROF P. S. ACHARYA PRIZE	TYBSc	Second in BSc Sem-V College Exams: Chemistry
417	THE ABDUL SAMAD K. LOKHANDWALA SCHOLARSHIP	TYBSc	First in BSc Sem-V College Exams: Electronics
418	THE PROF MAHENDRA SHAH PRIZE	TYBSc	First in BSc Sem-V College Exams: Mathematics
419	THE JOSE AGUINAGA PRIZE-II	TYBSc	First in BSc Sem-V College Exams: Physics
420	THE PROF. MAHENDRA SHAH PRIZE-III	TYBSc	First in BSc Sem-V College Exams: Statistics
421	THE THOMAS O'NEIL (Sr) PRIZE	TYBSc	First in BSc Sem-V College Exams: Zoology
422	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Economics (G)
423	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Economics
424	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: English
425	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Gujarati
426	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Hindi
427	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Psychology (G)
428	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Psychology
429	MANAGEMENT PRIZE	TYBA	First in BA Sem-IV and V Examinations: Sanskrit
430	MANAGEMENT PRIZE	TYBCA	First in BCA Sem-IV and V Examinations

Sr. No	Prize	Awardee Class	Award
Third Year			
431	MANAGEMENT PRIZE	TYBCom	First in BCom Sem-IV and V Examinations
432	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Biochemistry
433	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Biotechnology
434	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Botany
435	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Chemistry
436	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Electronics
437	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Mathematics
438	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Physics
439	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Statistics
440	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Zoology
441	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Voc. Biotechnology
442	MANAGEMENT PRIZE	TYBSc	First in BSc Sem-IV and V Examinations: Voc. Industrial Chemistry

Sr. No	Prize	Awardee Class	Award
Post Graduate			
501	MANAGEMENT PRIZE	MA	First in MA Sem 1 Examinations: English
502	MANAGEMENT PRIZE	MA	First in MA Sem 1 Examinations: Psychology
503	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: BDA
504	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: Biochemistry
505	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: Biotechnology
506	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: Chemistry (Analytical)
507	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: Chemistry (Organic)
508	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: Physics
509	MANAGEMENT PRIZE	MSc	First in MSc Sem 1 Examinations: Mathematics

Sr. No	Prize	Awardee Class	Award
Post Graduate			
510	THE LATE DR. S. J. CONTRACTOR PRIZE	MSc	First among Xavierites in the M.Sc. Sem-I & II Chemistry Exams
511	MANAGEMENT PRIZE	MA	First in MA Sem II and III Examinations: English
512	MANAGEMENT PRIZE	MA	First in MA Sem II and III Examinations: Psychology
513	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: BDA
514	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: Biochemistry
515	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: Biotechnology
516	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: Chemistry Analytical
517	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: Chemistry Organic
518	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: Physics
519	MANAGEMENT PRIZE	MSc	First in MSc Sem II and III Examinations: Mathematics



Sr. No	Prize	Awardee Class	Award
Deserving Categories			
D1	THE PLATINUM JUBILEE INDIAN OVERSEAS BANK PRIZE	ANY	For a deserving student with good academic credentials
D2	THE JUSTICE IBRAHIM A. SHAIKH PRIZE	TYBA	For commendable application to study English
D3	MAHARAJA SHRI UNADBAPU THESMT. VIBHABEN Y. MEHTA PRIZE	SYBA	For commendable application to study Sanskrit & participation in extra-curricular activities
D4	THE KUSUM GIJUBHAI DANDNAIK PRIN. C. L. SHASTRI SANSKRIT PRIZE	ANY	For commendable application to study Sanskrit
D5	THE FATHER J.BRAGANZA PRIZE	ANY	For commendable application to study (Any subject)
D6	THE APIAN ANDREAS PARMAR THE AGNES D. MACWAN MEMORIAL PRIZE	ANY (Christian)	For commendable application to study (Any subject)
D7	THE NITI TALUJA MEMORIAL ASSISTANCE	ANY (FEMALE)	For commendable application to study and considerable all-round development
D8	THE MRS. RATANBEN A. PATELIA PRIZE	ANY (Christian)	For commendable organization and participation in extra-curricular activities
D9	DR. & MRS. D.N.CAMA (TOXA) PRIZE	ANY	For being a deserving student (Academic/co-extra curricular/sports)



Sr. No	Prize	Awardee Class	Award
Deserving Categories			
D10	THE T.V.VENKATRAMAN PRIZE	ANY	For being a Deserving student (Academic/co-extra curricular/sports)
D11	THE SMT. RAMABEN POPATLAL SHAH PRIZE	ANY	Commendable Social Service
D12	THE LATE MARTHABEN PETER JADAV PRIZE	ANY	For quality involvement in PGOP
D13	THE AGNES PETER OF UTTARSANDA MEMORIAL PRIZE	ANY	For being a deserving student (Academic/co-extra curricular/sports)
D14	THE SMT. JASODA GAURI THAKORLAL SHAH PRIZE THE RAJI S.IYER PRIZE	ANY	For commendable application to study Gujarati
D15	THE FATHER ISUDAS CUELI LATE FR J. i.FABRAT PRIZE	ANY	For commendable application to study (Any subject)
D16	THE VIBHUTIBEN P. MEHTA THE LATE SHRI N.C.SHAH PRIZE	ANY	For commendable application to study Sanskrit
D17	THE MAY & TOM D'SILVA PRIZE	ANY	For being a deserving student (Academic/co-extra curricular/sports)
D18	THE PROF. M.T. PATEL PRIZE	ANY (In Need of Assistance)	For being a deserving Chemistry student
D19	THE LATE SHRI CHITTARANJAN R. DIVATIA PRIZE (PREFERABLY BLIND / HANDICAPPED)	FYBA SY BA TY BA	For being a deserving student (Academic/co-extra curricular/sports) For being a deserving student (Academic/co-extra curricular/sports) For being a deserving student (Academic/co-extra curricular/sports)
D20	THE SANSKRIT SEVA SAMITI PRIZE	TYBA	For commendable application to study Sanskrit
D21	THE SHRI BHARAT N. BHAT MEMORIAL PRIZE	ANY	for Commendable Social Service (NSS)
D22	THE BRO. A. LOBO PRIZE	FEMALE	for Commendable Social Service (NSS)
D23	THE PROF. RAWAT PRIZE	MALE	for Commendable Social Service (NSS)
D24	THE FR. J.I. FABRAT PRIZE	ANY	For a deserving student (Academic/co-extra curricular/sports)
D25	THE LATE REV. FR. AUGUSTINE KATTADY.IVD	MA (PSY)	For a deserving student (Academic Credentials)
D26	CERTIFICATE	ANY	Commended for Social Service (NSS)
D27	CERTIFICATE	ANY	Commended for Social Service (NSS)
D28	CERTIFICATE	ANY	Commended for PGOP
D29	CERTIFICATE	ANY	Commended for Campus Ministry
D30	BISPPOP BRAGANZA PRIZE	SYBCA	Bisphop Braganza prize excelling in studies among Christian students ofSY BCA

Sr. No	Prize	Awardee Class	Award
Deserving Categories			
D31	BISHOP BRAGANZA PRIZE	SYBCA	Bisphop Braganza prize for excelling in students among Christian students of South Gujarat SY BCA.
D32	BISHOP BRAGANZA PRIZE	SYBCA	Bisphop Braganza prize for the student who has excelled in studies among the students of South Gujarat SY BCA.
D33	BISHOP BRAGANZA PRIZE	BCA	Bisphop Braganza prize for the student who has participated in co-curricular activities from BCA
D34	BISHOP BRAGANZA PRIZE	BCA MALE	Bisphop Braganza prize for the student who has participated in Sports (Boy Student from BCA)
D35	BISHOP BRAGANZA PRIZE	BCA FEMALE	Bisphop Braganza prize for the student who has participated in Sports (Girl Student of BCA)
D36	FRK RAJ PRIZE	BCA	Fr K Raj prize for academic excellence in semester 1 and II BCA
D37	FRK RAJ PRIZE	BCA	Fr K Raj prize for academic excellence in semester III and IV BCA
D38	FRK RAJ PRIZE	BCA	Fr K Raj prize for academic excellence in semester V BCA
D39	FRK RAJ PRIZE	BCA	Fr K Raj prize for commendable service to the College BCA
D40	FRK RAJ PRIZE	BCA	Fr K Raj prize for commendable service to the College BCA
D41	FRK RAJ PRIZE	BCA	Fr K Raj prize for commendable service to the College BCA
D42	MANAGEMENT PRIZE	BCA	For being the most regular student with 100% attendance in the current Academic Year
D43	MANAGEMENT PRIZE	FYBCA	For being the Most deserving student of FYBCA (Academic/co-extra curricular/sports)
D44	MANAGEMENT PRIZE	SYBCA	For being the Most deserving student of SYBCA (Academic/co-extra curricular/sports)
D45	MANAGEMENT PRIZE	TYBCA	For being the most deserving student of TYBCA (Academic/co-extra curricular/sports)
D46	MANAGEMENT PRIZE	ANY	For being the Most consistent student in academic excellence (all three years)
D47	MANAGEMENT PRIZE	MALE	For being a deserving student (Academic/co-extra curricular/sports)
D48	MANAGEMENT PRIZE	FEMALE	For being a deserving student (Academic/co-extra curricular/sports)
D49	MANAGEMENT PRIZE	ANY	For being the student who used the Library the most in the current Academic year

Sr. No	Prize	Awardee Class	Award
Outstanding Services Achievements			
01	THE SIDDHARTH BHATT MEMORIAL PRIZE	ANY	Commended for all-round performance
02	THE LATE T.R.RAMACHANDRAN AWARD	ANY	For Xavier's Artist of the year
03	THE ORATOR OF XAVIER'S	ANY	For Xavier's Orator of the year
04	THE PRINCIPAL'S PRIZES	ANY	Commended for "Special" performance
05	THE REV. FR. ORNELAS COUTINHO PRIZE	ANY (Catholic)	Commended for special service
06	XAVIER ALUMNI '93 BATCH PRIZE	ANY	Commended for Organizational skills
07	THE DR. VIKRAMA. SARABHAI TROPHY	ANY	Commended for all-round service to humanity
08	THE XAVIER MEDAL FOR EXCELLENCE	ANY	Commended for all-round Excellence
09	DR FRANK TROCKI AWARD	ANY	Best student of the Year (Academic/ co and extra curricular/ sports/ Extension/ Research)
10	EMPLOYEE OF THE YEAR (ADMINISTRATIVE)	ANY	Outstanding performance, dedication and commitment to excellence throughout the academic year
11	EMPLOYEE OF THE YEAR (TEACHING)	ANY	Outstanding performance, dedication and commitment to excellence throughout the academic year

Sr. No	Prize	Awardee Class	Award
Sports			
S1	THE JOSEPH FERNANDES SCHOLARSHIP	ANY (FEMALE)	Outstanding performance in sports
S2	THE EUGENE SEVILLE SCHOLARSHIP	ANY (MALE)	Outstanding performance in sports
S3	THE GOLDEN JUBILEE SPORTS SCHOLARSHIP (DONATED BY SHRI PRITHVIRAJ SINHI JADEJA)	ANY (MALE)	Outstanding performance sports
S4	THE GOLDEN JUBILEE SPORTS SCHOLARSHIP (DONATED BY SHRI PRITHVIRAJ SINHI JADEJA)	ANY (FEMALE)	Outstanding performance sports
S5	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Basketball
S6	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Football
S7	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Table tennis

Sr. No	Prize	Awardee Class	Award
Sports			
S8	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Hockey
S9	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Badminton
S10	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Swimming
S11	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Tennis
S12	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in Volleyball
S13	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in cross country
S14	SPORTS MERIT CERTIFICATE	ANY	Outstanding performance in multiple events
S15	THE JOSEPH FERNANDES TROPHY "SPORTSMAN OF THE YEAR"	ANY MALE	
S16	THE JOSEPH FERNANDES TROPHY "SPORTSWOMAN OF THE YEAR"	ANY FEMALE	

Sr. No	Prize	Awardee Class	Award
NCC			
N1	NCC MERIT CERTIFICATE	ANY	



New Education Policy (NEP)

@ St. Xavier's College, Ahmedabad

Step into a new era of learning at St. Xavier's College, Ahmedabad

We are introducing new NEP (New Education Policy) from the academic year 2023-24 for the first year UG programs. These will be expanded to 2nd year in the subsequent academic year and so on and so forth. Enrich yourself with a socially designed curriculum and pedagogy that integrates Humanities and Arts with Science and Technology.

The courses aligned with NEP focus on increased creativity, innovation, helps you develop higher order thinking, problem solving skills, teamwork, communication skills, project-based study and internships to make learning more meaningful and futuristic.



How is NEP different?

- Holistic and multidisciplinary education
- Flexible curricular structures
- Inclusion of credit-based courses
- Value-based education for all round development
- Emphasis on skill-based education for improving employability factor
- Soft skills training opportunities
- A Under Graduate programme with 3 to 4 years options with multiple exit options to choose from.

SPICMACAY and Film Society @ Xavier's

The main objective of starting Film Society at our college is to screen classic Indian and International films thereby develop taste for good cinema amongst the students.

We shall be having a SPICMACAY Chapter in our college. SPICMACAY's intention is to enrich the quality of formal education by increasing awareness about different aspects of Indian heritage and inspiring the young mind to imbibe the values embedded in it. It

seeks to inspire youth through experiencing the mysticism embodied in the rich and heterogeneous cultural tapestry of Indian and World Heritage, with a hope that the beauty, grace, values, and wisdom embodied in these arts will influence their way of life and thinking and inspire one to become a better human being. For this, the most accomplished artistes of the country shall render programs of Indian classical music and dance, folk, poetry, theatre,

traditional paintings, crafts & yoga in our college. Apart from the programmes, workshops and selected students shall get opportunity to be part of GURUKUL ANUBHAV SCHEME Through this scheme, SPIC MACAY provides a student with the rare opportunity to go and stay with a guru for a month during summer vacations (May /June/July) and observe the ethos that exists in a completely different system of education and living than the student's own.

ACADEMIC CALENDAR 2023-2024

Odd Semester Begins (15th June 2023 to 29th November 2023)

Admission process
09th May 2023 to 10th June 2023 (Tentative) #

Semester-I, III & V classes begin
15th June 2023

BoS meetings
September 2023

Academic Council Meeting
21st October 2023

Governing Body Meeting
28th October 2023

Diwali Vacation
9th November 2023 to 29th November 2023 (21 days)

Examination (Odd Semester)

Semester I, III & V (UG/PG) CIA I Exam
08th August 2023 to 12th August 2023 *

Semester I, III & V (UG/PG) INTERNAL ATKT EXAM
1st September to 15th September 2023

Semester I, III, V UG/PG CIA II Exam
05th October 2023 to 10th October 2023

End Semester Exams Practical (Semester I, III & V)
11rd October 2023 to 28th October 2023

End Semester Exams Theory III UG / PG & V UG
30rd October 2023 to 8th November 2023

End Semester Exams Theory I UG / PG
25th November 2023 to 7th December 2023

Even Semester Begins (30th November 2023 to 30th April 2024)

Classes begin for Semester IV (UG/PG) & VI (UG)
30th November 2023

Classes begin for Semester II, (UG/PG)
11th December 2024

Graduation day
20th December 2023

Culfest 2023
December 21-23, 2023

Christmas Holidays
24th December 2023 to 1st January 2024

BoS meetings
February 2024

Annual Day
23rd March 2024

Academic Council Meeting
20th April 2024

Governing Body Meeting
27th April 2024

Examination (Even Semester)

Semester II, IV & VI (Internal CIA I Exam)
06th February 2024 to 10th February 2024

Semester II, IV (UG/PG) (CIA 1 Internal ATKT Exams)
27th February 2024 to 5th March 2024

Semester II, IV, VI UG/PG CIA II
01st April 2024 to 05th April 2024

End Semester II, VI UG//PG & Semester VI ESE Practicals
06th April 2024 to 20th April 2024

End Semester Exams Theory Semester II & IV (UG/PG) & Semester VI (UG)
22nd April 2024 to 7th May 2024

Summer Break
1st May 2024 to 14th June 2024 (45 days)

New Academic Year 2024-2025
15th June 2024

Every second Monday of the month: Governing Council Meeting

Every second Tuesday of the month: Managing Council Meeting

Every second Wednesday of the month: Administrative Council Meeting

Every second Thursday of the month: College Office Staff/IQAC Meeting

Every second Friday of the month: Open House (for Students and Staff alternatively)

DECLARATION

Admitted in the _____ *Program Name* _____ program in St. Xavier's College, Ahmedabad,

I, _____ *Your Name* _____ hereby declare and undertake that I have gone through the prospectus and promise to abide by the following:

- Rules for attendance, general behavior including ragging and Code of Conduct of the College mentioned under the General information
- Rules and regulations regarding examination mentioned under Examination
- Regulations related to admission, payments of fees, implementation of NEP and other requirements of meeting necessary deadlines.

I know that if I fail to follow these, I may be subject to minor or major penalty/ties and the College can take necessary actions as per its provisions.

Date:

Signature of the Student

Place:

Name of the Student: _____

Mobile number of Student: _____

Signature of the Parent/Local Guardian: _____

Name of the Parent/Local Guardian: _____

Mobile number of the Parent/Local Guardian: _____

Disclaimer : Every effort is taken to ensure the accuracy of the information contained within the prospectus of the St. Xavier's College, Ahmedabad. However, we cannot guarantee that the content of the prospectus will always be current or complete. For up-to-date information kindly refer to the website.



St. Xavier's
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(Autonomous)
Ahmedabad



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