

# ST. XAVIER'S COLLEGE MAPUSA - GOA

Managed by the Diocesan Society of Education
Affiliated to Goa University & Recognised by Government of Goa

Awarded "College with Potential for Excellence" by UGC [2004]

Accredited by NAAC with Grade 'A' 4th Cycle [2019]

Awarded the DBT Star College Scheme [2021]

Best College for Sports for men and women in 2023-2024

## PROSPECTUS 2025-2026

### THIS WE BELIEVE

We believe in God.

We believe in human dignity and brotherhood.

We believe in the spirit of discipline and dignity of human work.

We believe that men and women are born with equal rights which do not come from the state.

We believe in the sanctity of the family- the basic unit of society.

We believe that citizens not only have rights, but also duties.

We are opposed to all sorts of violation of individual liberty and private property.

We believe that liberty is a sacred thing, but that law which regulates liberty is a sacred obligation.

We believe that academic freedom should not be used as a pretext to teach systems that destroy all freedom.

We are vigorously opposed to the tenants and tactics of those who want to destroy the essential liberties guaranteed by the Indian Constitution.

We are vigorously opposed to all forms of racism, communal hatred and anarchism.

We believe in the teachings of Christ, we hold that morality must regulate the personal, familial, economic, political and international life of people, if civilization is to endure.

### PROSPECTUS COMMITTEE:

Ms. Sumina da Costa e Dias (Convenor)

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T.Y. B.Com

### ST. XAVIER'S COLLEGE

#### VISION

"Formation for Transformation"

#### **MISSION**

"To provide balanced all round education to young men and women to be disciplined citizens, who will display a high intellectual calibre together with emotional balance and social commitment and particularly, at helping Catholic youth to be committed followers of Christ."

#### **OBJECTIVES:**

- To provide holistic education to students.
- To liberate them from social conditioning such as ignorance, poverty, exploitation, caste, class and gender bias.
- To sustain, promote and enhance the quality of higher education.
- To inculcate in them social, moral and spiritual values.
- To help them to develop competence, commitment and compassion.
- To empower them to distinguish between good and bad, and make right decisions
- To uphold self-esteem, equality of men and women, dignity of human labour, belief in social justice and the Constitution of India.
- To make them conscious of responsibilities and duties along with their rights and inculcate a sense of discipline.
- To promote sanctity of the family the basic unit of society.
- To motivate them towards nation-building, so as to evolve a New Society, the India of their dreams.
- To enable them to face the challenges of globalization.
- To provide an education which nurtures an encounter with God, including an appreciation of, and respect for, other faiths.

#### **CORE VALUES**

- Believing in God
- Upholding Human Dignity
- Inculcating a Sense of Patriotism
- Fostering Global Competencies
- Promoting Ethical Values
- Achieving Excellence in Education

### **OUR PATRON SAINT**

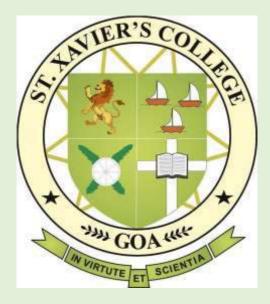


### ST. FRANCIS XAVIER, AN EDUCATIONIST PAR EXCELLENCE

St. Xavier's College, Mapusa is named after St. Francis Xavier, a world renowned Jesuit missionary from Spain, and an Educationist *par excellence*. Born in Spain in 1506, Francisco de Xavier Jassu, as he was named, was one among the outstanding students of the Sorbonne University, Paris. He was awarded his Master's Degree in Arts with distinction in 1530 and in the same year, he was appointed as a Professor of *Aristotelian Philosophy* in the College of Beauvais in Paris. It was against this brilliant academic background and his lofty ambition, that the seeds of missionary zeal were sown in him by Ignatius of Loyola a fellow student of the same University, who placed before him the spiritually haunting biblical maxim: "What does it profit a man to gain the whole world and suffer the loss of his own soul". This influenced Francis Xavier to such a great extent, that his worldly ambition gave way to the vows of poverty, chastity and obedience, when he was ordained to priesthood in 1537.

In 1542, Francis Xavier set foot on Goan soil. In the following year, he was given charge of the *College of Holy Faith (Santa Fe)* at Velha Goa. Under the Jesuits, it gained fame as the College of St. Paul. Francis Xavier was one of the illustrious Professors of that Institution, which eventually earned the reputation of a University, where scholars from as far as Japan, came to pursue their studies. During his tenure as the Head of the College, he encouraged learning by establishing many other educational institutions, modelled on the most advanced universities of Europe.

### **OUR COLLEGE EMBLEM**



The lion represents the courage we hope to instil in our students, the sailboats signify the spirit of adventure on their journey across the high seas of life, the cross and the book stand for the pursuit of virtue and knowledge and the shield and palm leaves portray the victory of good over ignorance and evil.

### ABOUT OUR COLLEGE

St. Xavier's College, Goa, was founded by the Archdiocese of Goa in June 1963, and was affiliated to the University of Bombay in the same year. In the academic year 1963-1964, it conducted only the First Year Arts and First Year Science classes. In the academic year 1964-1965 it conducted the Intermediate Arts and Science classes as well. In the academic year 1965-1966, the Junior and Senior the BA and B.Sc. courses were added. In June 1969, registration of candidates for M.Sc. in Physical-Chemistry and Botany and MA in English, Philosophy and Portuguese were permitted. Permission for registration for Ph.D. in Portuguese was also granted.

In June 1985, Goa University came into existence and its jurisdiction was extended over the whole state of Goa and as such, the colleges situated in the state of Goa were delinked from the jurisdiction of the University of Bombay and were affiliated to Goa University in June 1986. Since then, St. Xavier's College is an institution affiliated to Goa University. In June 1993, both Goa University and the Government of Goa granted permission for a Commerce faculty at St. Xavier's College. From June 1995, we have been granted affiliation to teach Computer Science and from June 1996, to teach Electronics, at the B.Sc. level. Computer Applications was introduced at the B.Com. level and Industrial Chemistry at the B.Sc. level, sponsored by UGC, New Delhi for the initial period of 5 years. Affiliation for M.A. in Psychology was granted in June 2001.

In 2004-2005, the College introduced a B.A. degree programme in Mass Communication and Videography and in 2005-2006 the B.Sc. Degree programme in Biotechnology and B.C.A. degree course. In 2006-2007 degree programmes in Journalism were started as well as the M.Com Programme. In 2007-2008, degree programmes in Bachelor of Business

Administration and Bachelor of Tourism and Travel Management were offered. In 2008-2009 a master's degree in Physical Chemistry was started. Today, St. Xavier's College has many faculties namely Arts, Science, Commerce, Computer Studies, Management, Mass Media and Tourism and Travel Management.

St. Xavier's College has been consecutively awarded 'The Best College Award in Sports' by Goa University from 2021-22,2022-23 and 2023- 24. St. Xavier's College was accredited in year 1999 at the Four Star Level by the National Assessment and Accreditation Council (NAAC), an autonomous institution of the University Grants Commission. In 2007 it was reaccredited with 'A' Grade by NAAC and in March 2014, St Xavier's College was again reaccredited for the 3<sup>rd</sup> cycle. In July 2019, the college had undergone its 4th Cycle of NAAC Accreditation and was reaccredited with 'A' Grade. St. Xavier's was awarded the status of "College with Potential for Excellence" (C.P.E.) in 2004 by the U.G.C with an accompanying grant of Rupees sixty lakhs. St. Xavier's has been nationally recognised as one of the best 47 Colleges, out of the existing 15,000 Colleges in India. As a C.P.E. Institution it received additional grants for renovations of seven science laboratories. In the India Today ranking survey conducted for the year 2024, the Science stream of St. Xavier's College, stood at 88<sup>th</sup> rank, Commerce stood at 116<sup>th</sup> rank and Arts at 127<sup>th</sup> rank. The BCA stood at 93<sup>rd</sup> rank, while the BBA Department is placed at 191<sup>st</sup> rank.

St. Xavier's College, Mapusa has been awarded the DBT STAR COLLEGE SCHEME by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, in 2021. Under this scheme, the college was sanctioned a grant of Rupees One hundred and twenty three lakhs. All the eight undergraduate departments of the science stream of the college, namely, Departments of Botany, Biotechnology, Chemistry, Computer Science, Electronics, Mathematics, Microbiology and Physics are beneficiaries of this scheme.

The Diamond Jubilee year of St. Xavier's College was commemorated in 2023 – 2024. It was a celebration of 60 years of commitment to the cause of providing higher education to the student community. This institution for sixty years, renewed its commitment to its mission of providing quality education for the youth. It was an occasion to look back with pride at how far this Institution has come and moved forward with determination to continue its mission of providing education that adapts and adjusts to the changing educational scenario in our country and over the world. St. Xavier's College assures every student an experience that will provide opportunities to discover themselves, develop their talents, and build confidence to deliver to the future the dream of a better and brighter tomorrow.

### PRINCIPALS OF THE COLLEGE

- Fr. Edward de Cruz (1963 1965)
- Fr. Nicolau Pereira (1965 1991)
- Fr. Antimo Gomes (1991 2002)
- Fr. Walter de Sa (Acting) (May September, 2002)
- Mr. Newman Fernandes (2002 2008)
- Dr. (Fr.) Walter de Sa (2008 2016)
- Dr. (Fr.) Jeronimo D'Silva (Officiating) (2016 2019)
- Prof. (Dr.) Blanche Mascarenhas (2019 2024)
- Ms. Ursula Barreto (Acting) (06 06 2024 to date)

### **OUR INFRASTRUCTURE**



The College is housed in four buildings – an Administrative Block A, a Commerce Block B, a Science Block C and a Library, Arts, Management Block D and Post-Graduation Block E. In all, there are 67 classrooms and 16 laboratories. The Administrative Block has dedicated offices for the N.S.S. Unit, N.C.C. (Boys), N.C.C. (Girls), IQAC and Counselling Cell.– The college – has banking facilities, provided by the Central Bank of India (Xavier's Branch) on the campus.

The Institution also has a Seminar Hall (with accommodation for 200), an outdoor stage that overlooks the Mariano Saldanha lawns which can accommodate an audience of 1000, a Recreational Hall, a multipurpose St. Xavier's Ark (which can accommodate an audience of 1500), a Conference Room, a Committee Room and an outdoor Theatre Space. Two additional halls for seminars and workshops.





All the laboratories are equipped with the necessary equipment/apparatus in sufficient quantity for the conduct of practicals as prescribed by Goa University.

The College has well equipped 13 computer laboratories. In addition the language laboratory has specialized software for classroom teaching. There is also the learning management system 'Moodle' that is used extensively to supplement the teaching in college. The college also has a subscription for 'Microsoft Teams' which facilitates online classes.





Nestled within the St. Xavier's College campus, the Crescendo Community Centre for Music and Crescendo Dance Studio provide a vibrant space for learning and teaching music and dance. This initiative nurtures and refines talent, fostering a lifelong passion for the arts.

The Counselling and Wellness Centre at St. Xavier's College, Mapusa, Goa, provides a safe and supportive space for students seeking counsel and therapeutic support. Staffed by skilled and ethically attuned

professional counsellors, the centre offers services including standardized psychometric assessments, career guidance, and counselling for trauma, bereavement, and interpersonal challenges, ensuring compassionate and sensitive care.

The college features a state-of-the-art Audio-Visual Studio equipped with DSLR cameras, AVCHD camcorders, and professional audio recording facilities.

The Innovation Hub encourages students to hone their entrepreneurial skills and start-up ideas. A dedicated space has been earmarked for the students to work on their ideas. Their participation at start-up events and workshops is also facilitated.



St. Xavier's College is a part of the **Cluster Research Centre** under initiatives of DHE-Goa. It is housed in the Post Graduate Block E. The Research Cluster has recognized Ph.D. guides and has research scholars, currently undergoing Ph.D. programme registered at Goa University.



The Centre offers excellent facilities to carry out science-based research work. Our **Instrumentation Centre** has the following sophisticated instruments wherein students as well as research scholars can work and carry out research studies. The major instruments are FTIR Spectrophotometer, UV-Vis Spectrophotometer, Gas Chromatography, HPLC, Cyclic Voltammeter, Flame Photometer, and XRD Facility (the first undergraduate college in Goa to provide XRD facilities). Some of the other instruments are Rotavapor system, Rotavap Chiller, UVcabinet, and Chiller system.





Under DBT Star College Scheme, the college has procured state-of-the-art equipment such as UV-Visible Spectrophotometer, Solvent filtration apparatus, interactive boards. smart countertop steam sterilizers, gel imaging systems, Microcentrifuge, Immuno-electrophoresis unit, Frank-Hertz apparatus, and KBr Press for FTIR as well as advanced software like Matlab. All the science departments have further strengthened their laboratories by increasing the number basic instruments such as conductivity apparatus, electrophoresis units, galvanometers, cathode ray oscilloscopes, incubators, digital muffle furnaces, microscopes, and colorimeters with the aim of facilitating hands-on training for the students.

### **LIBRARY**

#### Vision

Pursue knowledge, promote innovation.

#### Mission

To empower the learning with intellectual inquiry and professional growth.

The library at St. Xavier's College serves as a hub for academic and research activities. It is open from 8.30 am to 4.30 pm. In its vast collection, the library currently has over 73900 books and 73 journals. Staff and students can use its collection of books, reference books, newspapers, educational CDs and DVDs, and peer-reviewed national and international journals. You can lend any book using the KOHA Library Management Software. It provides readers with a spacious hallway. All transactions are conducted electronically. Open Access System allows direct access to the book shelves. Additionally, internet browsing capabilities are provided via LAN.

#### **Services**

- Computerized self-check in and checkout
- Automated Circulation Counter
- **❖** WIFI in Library
- ❖ CCTV Surveillance System
- E-Library
- **&** E-resources
  - ✓ NLIST Consortium
  - ✓ DELNET Digital Library
- Reprography / Scanning / Printing
- ❖ Night Reference
- \* Rare Books Section
- Donation Section
- Access to Senior Citizen
- Library OPAC and so



### **CANTEEN**

The college canteen caters to students and staff on the campus with snacks and meals. The institutional code of conduct is to be strictly maintained on the campus including at the canteen, which is meant only for staff and students on a regular basis. Outsiders are not permitted to enter the College campus or to use the canteen facilities. Eat Right and Eat Healthy initiatives is promoted by the canteen.

### HOSTEL

A hostel for girls run by the sisters of Holy Cross at Khorlim, Mapusa is available for students who wish to avail hostel facilities.

### **GARDENS**

The College gardens occupy a total area of nearly 1000 sq. mts. At the entrance, a life size statue of Our Patron, St. Francis Xavier welcomes one and all. The Dr. Mariano Saldanha Lawns on the campus play host to a wide range of activities. We also have a rock garden, the college emblem laid out in colourful plants. In addition to this, the campus gardens house a variety of ornamental plants, avenue trees and around 150 fruit bearing trees. Name plates are put for the trees with their Botanical



name and common name. The college has a greenhouse named after Fr. Edward de Cruz our first Principal. Tree plantation drives are conducted annually. As a green initiative, a kitchen garden with vegetables like radish, Spinach, chillies, maize, brinjal, watermelon are cultivated. A medicinal plant garden which houses 23 different medicinal plants is another green initiative of the college and named as Fr. Ivo Mascarenhas Medicinal and Aromatic plant garden. The garden and the campus are illuminated at night with power from solar energy.

An additional attraction of St. Xavier's College Campus since 2018 is the beautiful **Orchidarium** laid within a well-designed heritage landscape. It has an amazing collection of orchids including rare ones giving a lot of delight to observers.

The college provides a spectra of sports facilities since the time of its establishment. In order to cater to the talents of the students our college provides Indoor as well as Outdoor facilities such as-Gymnasium, Chess, Carom, Badminton, Table Tennis, Judo, Tennikoit, Taekwondo and a playground to for Basketball, Football, Volleyball, Handball, Hockey, Kabaddi, Kho-Kho, Cricket, Baseball and Athletic Track & Field Games.

The College has a new **Gymnasium** housed in the PG Block which is open to staff and students of the college.



### CELLS/ CLUBS/ASSOCIATIONS

- 1. **Health and Wellness Club** aims to look into the aspects of both physical and mental health of faculty and students. It promotes healthy living and attempts to monitor those aspects on campus that directly affect health. Health and Wellness Club aims to look into the aspects of both physical and mental health of faculty and students. It promotes healthy living and attempts to monitor those aspects on campus that directly affect physical and mental health.
- 2. Sciences for a Purpose, Application and Renewal of Knowledge (SPARK) aims to inculcate a love for science as well as educate students about the value and role of scientific knowledge and invention in everyday life.
- 3. Child & Women Welfare Club (CWWC) seeks to enlighten the campus community about women related issues, to sensitize students and promote gender equality. The cell organizes activities around issues related to children and conducts visits to orphanages and care homes for children.

- 4. **Global Village Club** The core objective of this club is to provide a platform for international students to interact and gain exposure to varied cultures. Members are encouraged to speak and enhance their knowledge of foreign languages.
- 5. **Consumer Welfare Club** aspires to educate the campus community on the rights of the consumer and to mobilize everyone into realizing one's duties and responsibilities.
- 6. **All India Catholic University Federation (AICUF)** is a movement of university/college students with a vision for a new and just society. AICUF tries to link itself to the emerging needs and realities of the university/college, the church and the wider society.
- 7. Cell for Creative Arts (Theatre, Music, Oratory, Dance, Photography, Film) unites creative talent through active participation and performance. The cell nurtures a cultural and creative landscape by inviting students to discover their potential. Workshops on acting, dancing, voice training, scripting, direction, costume, make up, film appreciation and photography are undertaken. It gives an opportunity to turn a hobby or passion into possible career options.
- 8. **IPR, Research Development & Innovation Cell** raises awareness about Intellectual Property Rights, and aims to kindle the spirit of research among teachers and students by providing a platform for preparation and presentation of research activities. The cell promotes innovative thinking through activities based on the objectives of the Institution's Innovation Council.
- 9. **Promotion of Gender Equity & Transgender Monitoring Cell:** Promotes gender equity and serves as a dedicated body to address the unique needs and concerns of transgender individuals with an aim on inclusivity.
- 10. **Green Initiatives & Environment Monitoring Cell** fosters a love for nature and give members an opportunity to observe, appreciate and inculcate the importance of preserving and protecting nature. It also attempts to create awareness and find suitable measures to tackle environmental issues.
- 11. Cell for Preservation of Goan Culture & Heritage (Goenchi Asmitai) seeks to protect and preserve the Goan culture and heritage by educating and enhancing knowledge of local, tribal Goan traditions and customs.
- 12. Society for Promotion of Indian Classical Music And Culture Amongst Youth (SPIC MACAY) aims to promote Indian cultural diversity by providing exposure to students of the Indian knowledge systems, culture, dances, music, languages of other Indian states, so that the patriotic spirit of being an Indian is encouraged among students.
- 13. **Cell for Community Extension & Outreach** extends care towards local communities through schools, parishes and village panchayats. It seeks support from NGOs and business enterprises as part of their Corporate Social Responsibility (CSR).
- 14. Cell for Entrepreneurship, Incubation and Start Ups prepares students to see themselves in an area where they can be self-employed as well as generate employment for others. A student is motivated to turn innovative ideas into businesses.
- 15. **Training for Internship & Placement Cell (TIP)** invites reputed organizations to the College to interact with students keeping in mind job placements and internship opportunities.
- 16. **Media & Broadcasting Cell** works towards publishing, broadcasting and distributing information about the college to ensure positive coverage.
- 17. **Teaching Learning and Educational Technology Cell (TLET)** aims to promote digital literacy among students by introducing them to the latest developments and trends in IT and the industry.

- 18. Cell for Career Guidance & Training for Competitive Exams provides a wide range of programmes to guide students in choosing appropriate careers and preparing for local and national competitive entrance exams.
- 19. **Cell for Value Education and Personality Development:** Value Education sessions are conducted every Tuesdays for all the students in the College. The cell has designed a curriculum with activities that promote value education and holistic formation of students.
- 20. **Student Welfare Cell** sees to the overall well-being of students on campus. Personal care & hygiene, self-discipline, self-defence, social awareness and healthy civic sense are promoted through the activities of this cell.
- 21. **Cell for Promoting Mentor-Mentee Interactions** Mentor Mentee interactions are conducted every month. This ensures there is regular and direct interaction between the mentor and the mentees which enables them to tackle issues faced in academics as well as in social life.
- 22. **Cell for Divyangjan** is dedicated to the well-being of Persons with Disability on the campus with a focus on providing support for individuals with disabilities.
- 23. "YUVA Tourism Club" with the strategic objective of creating interest, awareness and a sense of responsibility towards our country's natural and cultural heritage / tourism amongst children and youth. The vision is to nurture and develop young ambassadors of Indian tourism who would become aware of tourism possibilities in India, appreciate our rich cultural heritage and develop an interest and passion for tourism. Participation in Tourism Clubs is also expected to facilitate development of soft skills like teamwork, management, leadership besides encouraging adoption of responsible tourism practices and concern for sustainable tourism.

### **ASSOCIATIONS**

- **St. Xavier's Goa Alumni Association** The Alumni Association seeks to connect its exstudents to their Alma Mater. The alumni are often invited as Guest Lecturers to deliver sessions for the faculty and students. Distinguished Alumni Lecture Series and Alumni Association Scholarship for deserving students was introduced in the academic year 2024-25
- **St. Xavier's College Parent Teachers' Association (PTA)**: The Parent Teacher Association (PTA) is a continuous collaborative effort in striving to have a partnership between the parents and educators. It provides a platform for parents to obtain insights about what happens on campus. It provides a platform for unity and fraternity among parents, teachers, students and the management of the college in order to work towards a common goal.

### **LINKAGES**

**St. Xavier's College – Schools Linkage:** This Linkage organizes various programmes which are mutually beneficial to the College and schools thereby invigorating the relationship between them. Information regarding college activities is also disseminating to the schools.

- **St. Xavier's College Parish Linkage:** St. Xavier's College draws students from surrounding parishes to the institution. Keeping this in mind the linkage organizes programmes and spiritual activities for the development of parishioners. The linkage also keeps the parishioners informed about the various programmes and activities being organized at the St. Xavier's College.
- St. Xavier's College Goa University Department of Management Studies Linkage: This Linkage provides an interface between the Institution and the Department of Management Studies, Goa University which enables the updation of knowledge and practices. The faculties are in constant communication with the Department of Management Goa University in connection with upgradation of syllabus and conduct of audits. The Linkage cell motivates the students to develop entrepreneurial skills. Prominent entrepreneurs and executives in the fields of Hospitality, Ecommerce, Events and Entertainment, Service, Pharmaceuticals and Manufacturing were invited to interact with the students.

### MEMORANDA OF UNDERSTADING (MoU)

Sant Sohirobanath Ambiye Government College of Arts & Commerce, Virnoda, Pernem Goa and St. Xavier's College: The MoU is for the purpose of Library Resource sharing. To provide access to the information and retrieval services of scare material to meet the information need of users.

Village Panchayat, Aldona, Sodiem, Uccasaim, Bardez and St. Xavier's College: To conduct outreach activities through seminars, talks, health camps, provide consultancy services on issues pertinent to the village.

Jayaraj College for Women (Autonomous), Periyakulam, Theni District, 625601, Tamil Nadu, India and St. Xavier's College: To establish a cooperation program to collaborate towards academics and research for the development of their respective areas of interest.

Kripa Foundation, Anjuna, Soronto, Bardez, Goa and St. Xavier's College: To jointly undertake student and faculty related assignments to enhance the quality of learning.

St. Francis College for Women, Begumpet, Hyderabad, Telangana, India and St. Xavier's College: For making available the expertise and facilities of both the organizations to promote training and academics in the fields of common interest within the framework charter.

**Sethu – Goa and St. Xavier's College**: To collaborate in knowledge sharing and mental health awareness through webinars, internship programs and workshops.

Nirmala Institute of Education, Panjim – Goa and St. Xavier's College: To establish a cooperation program to collaborate towards academics and research for the development of their respective areas of interest.

Vidya Prabodhini College of Commerce, Education, Computer and Management, Porvorim – Goa and St. Xavier's College: To collaborate in promoting Konkani language and literature through research and creating awareness.

Government College of Arts, Science and Commerce, Khandola – Goa, Government College of Arts, Science and Commerce, Sanquelim – Goa, Ponda Education Society's Shri Ravi Naik College of Arts and Science, Farmagudi – Goa, Dempo Charities Trust's Dhempe College of Arts and Science, Miramar – Goa, Dnyanprassarak Mandal's College & Research Centre, Assagao, Mapusa Bardez – Goa and St. Xavier's College Mapusa – Goa, for Cluster Research Centre in Chemistry: In order to establish a formal joint platform for promoting and facilitating research in chemistry through workshops, seminars, symposia for the benefit of researchers and teachers.

Sant Sohirobanath Ambiye Government College of Arts & Commerce, Virnoda, Pernem Goa and St. Xavier's College for Cluster Research Centre in Commerce: In order to establish a formal joint platform for promoting and facilitating research in commerce through workshops, seminars, symposia for the benefit of researchers and teachers.

**Fundação Oriente and St. Xavier's College:** This MoU encourages the teaching of the Portuguese language and culture. Activities of a cultural, artistic, scientific, social and philanthropic nature are organized in collaboration with Fundação Oriente in order to maintain and strengthen the historical and cultural ties between Portugal and Goa.

Camões Instituto da Cooperação e da Lingua and St. Xavier's College: This MoU is meant to promote the teaching of the Portuguese language and culture. It will also encourage designing curriculum and producing didactic learning material.

Goa Institute of Public Administration and Rural Development, Old Goa and St. Xavier's College: The purpose of the MoU is to provide a framework of cooperation and facilitate collaboration between the parties to meet the broader goals of training and capacity building of government employees, elected representatives and civil society in the state. In order to meet to meet the increasing demand for training programmes, GIPARD explored the option of involving educational institutions in their training and research activities.

Goa College of Arts, Science and Commerce, Sanquelim and St. Xavier's College: The objectives of this MoU are to enhance research, sharing of resources and infrastructure and organization of joint activities in research, teaching-learning, sports, cultural activities etc.

**Bajaj FINSERV Ltd. and St. Xavier's College:** The MoU with Bajaj FINSERV Ltd., has been executed on March 18, 2019 with an objective to impart practical knowledge and essential skills to the final year graduation students and fresh graduates especially those belonging to economically weaker sections of the society.

**Sangath, Goa and St. Xavier's College:** The main aim of this MoU is to collaborate in knowledge sharing, research and awareness about mental health.

**Dalgado Konknni Akademi, Panjim Goa and St. Xavier's College:** The purpose of the MoU is to collaborate in promotion of Konkani language and literature through knowledge sharing, research and creating awareness about Konkani language

Thomas Stephens Konknni Kendr Porvorim Goa and St. Xavier's College: The purpose of the MoU is to collaborate in promotion of Konkani language and literature through knowledge sharing, research and creating awareness about Konkani language.

Konkani Bhasha Mandal, Margao – Goa and St. Xavier's College: To collaborate in promoting Konkani language and literature through research and creating awareness.

Xavier Centre of Historical Research, Porvorim, Bardez-Goa and St. Xavier's College: St. Xavier's College has signed a Memorandum of Understanding (MoU) with Xavier Centre of Historical Research-Porvorim, Goa (XCHR) with the objective of seeking cooperation in activities that the department plans with students of History. These include participation in workshops, exchange of information about the academic enhancement of students, webinars, short-term courses, seminars, library visits, as also visits of experts from XCHR to college, to address our students.

**Sevarat Healthcare and Nursing Private Limited and St. Xavier's College:** The MoU was established with regard to a joint programme facilitating training, workshops, psychiatric and psychometric assessment, geriatric psychological assessment and other auxiliary activities for the students of St. Xavier's college.

**Caritas Goa and St. Xavier's College:** The main objective of this MoU is to collaborate in knowledge sharing, and awarene4ss about mental health through webinars, student internship programmes and workshops.

St. Xavier's College, Mapusa, and Government College of Arts, Science and Commerce, Quepem, established a Cluster Research Centre in Mathematics. The primary objective of this MoU is registering students for the Ph.D. program in Mathematics under the relevant provisions of Goa University ordinances where, university recognised PhD Research Guides in Mathematics from the respective institutions will guide their scholars at their respective institutions. Further, the Centre will promote joint academic activities such as workshops, seminars, talks, symposia, etc. and ensure shared use of research infrastructure and resources, and uphold standards of academic integrity, confidentiality, and cooperation.

St. Xavier's College, Mapusa-Goa, India and Olegario Nazareth Agri Holdings Mulgao, Bicholim, Goa. This MoU will facilitate collaborative research initiatives and outreach in areas of common interest and help students and faculty in enhancing skill proficiency

St. Xavier's College and B:live in an endeavour to provide internship and placement opportunities and industrial field visit for students.

### St. Xavier's College – National Institute of Oceanography (NIO)

Through the Memorandum of Understanding, the two institutions collaborate in undertaking academic project assignments. A series of activities are also conducted for the students like demonstration on the working of the Scanning Electron Microscope and Energy Dispersal System, Polymerase Chain Reaction and DNA Scanning, etc.

### INDUSTRY ACADEMIA PARTNERSHIP

Ashutosh Industries A-40, Madkai Industrial Estate, Madkai Ponda Goa and St. Xavier's College: The purpose of the MoU is to enhance the skill proficiency of chemistry students, organize industrial educational visits and on the job training, invite industry resource person

- to deliver lectures/conduct sessions/workshops, provide effective training material and programme and arrange for campus placement interviews.
- **St. Xavier's College MoU with Libra Computers, Mapusa Goa:** As per the MoU Libra Computers has agreed to conduct courses for enhancing the skills of students, to provide their trained faculty for conducting the courses, to arrange for softcopies of all training material and practice exercises while St. Xavier's agrees to provide the required infrastructure.
- **St. Xavier's College MoU with Goa Management Association, Alto Porvorim Goa:** The MoU encourages to foster collaboration between the parties on areas of common interest and concern, to bridge the industry-academia divide, to allow goa management association to share the expertise of its member or invites resource person with faculty and student members, etc.
- **St. Xavier's College MoU with PQS Training Laboratory Verna Industrial Estate, Verna Goa:** The objective of this MoU includes collaborative research and project work, industrial training and sponsored project for UG/PG students, guidance and cooperation to training & placement activities, mutual cooperation in development work, also extending the help and mediation for any other collaboration in education and technology area.
- **St. Xavier's College, Mapusa Goa and Glenmark Pharmaceuticals Limited** aims to foster collaboration and mutual benefit in areas of research, education, and industry-academia partnership.
- **St. Xavier's College has established a partnership with GKB Hitech Industries, Goa**. This collaboration focuses on enhancing student skill proficiency through outcome-based training, facilitating placements, and providing industry insights. Students and faculty will gain exposure to industry practices through visits and industrial training/apprenticeships, aligning with the New Education Policy's emphasis on practical experience. This initiative aims to bridge the gap between academia and industry, fostering mutually beneficial growth.

### ADOPTED VILLAGES

**Village Panchayat, Ucassaim, Mapusa Goa and St. Xavier's College:** This MoU is intended to conduct seminars, talks and sessions on issues pertinent to the village, liaison for the conduct of camps related to health etc. and provide consultancy services in areas of expertise.

Village Panchayat, Sodiem, Siolim Goa and St. Xavier's College: This MoU is intended to conduct seminars, talks and sessions on issues pertinent to the village, liaison for the conduct of camps related to health etc. and provide consultancy services in areas of expertise.



### REGULATIONS OF THE COLLEGE

- 1. All students are responsible to the Principal, Vice-Principals, the teaching faculty and other designated persons for conduct.
- 2. Insubordination, unbecoming language or conduct and violent behaviour are sufficient reasons for the dismissal of a student.
- 3. Any kind of demonstration in the College premises is prohibited.
- 4. The time-table of lectures will be displayed on the notice board /uploaded on the college website xavierscollege-goa.com
- 5. Students should be punctual and should be present in the classroom for the morning prayer at 8:30 a.m. ("MISSION ON TIME" TO BE TAKEN SERIOUSLY). Absence from lectures/practical's must be justified in writing, and, in the case of illness a medical certificate must be submitted within 7 days after joining along with the medical prescription and pharmacy bills.
- 6. Absence from ISA/ SEE/ Practical Examination must be justified in writing, and in the case of illness, by a medical certificate.
- 7. Students who do not perform the required number of experiments and maintain a Practical Journal/ File will be debarred from answering the Practical Examination.
- 8. Students without identity cards will not be permitted to enter the campus. If they do so, they will be liable for disciplinary action.
- 9. Serious action will be taken against students found in possession of pornographic material (books, CDs., Cameras, Pen Drive, Cell phone, etc.)
- 10. A student who causes damage to college property is liable to serious punishment in addition to paying the fine.
- 11. The College does not undertake the responsibility of organizing picnics for students.
- 12. Students applying for certificates, testimonials, etc., and those requiring the Principal's Signature on any kind of document or applications, should contact the College Office.
- 13. Students should make themselves familiar with the syllabi of their courses of study and the University Regulations given in the College Handbook, as well as with all other College Regulations and Notices, appearing from time to time on the Notice Boards/uploaded on the college website
- 14. Parents are required to visit the College to collect results and check periodical progress report of their children from the College Office, at least twice a year.
- 15. Smoking and alcoholic beverages and drugs are strictly prohibited in the College campus.
- 16. Students are required to wear their proper college uniforms while at the college. Boys will not be allowed with long hair and earnings.
- 17. Students joining the College have to observe all the Rules and Regulations of the College, and submit to the normal enforcement of the same to the satisfaction of the Principal, whose decision shall be final and binding.
- 18. Ragging is banned in the College and anyone found indulging in "ragging" will be punished appropriately, which may include expulsion from the college. As per the Supreme Court order, if the individuals committing or abetting "ragging" are not identified, collective punishment will follow to act as a deterrent punishment and to ensure collective pressure on potential "raggers". Migration/ Leaving/ Transfer certificate shall have an entry apart from that of general conduct and behaviour whether a student had indulged in ragging and in particular whether he/ she was punished for ragging.
- 19. Students found playing cards or gambling and displaying inappropriate behaviour on the campus particularly at the playground will be liable for strict disciplinary action to the extent of suspension from the college.
- 20. Students should park their vehicles **ONLY** at the designated student parking area. No student should park their vehicle at the space reserved for Faculty parking.

### PROCEDURE FOR FIRST YEAR ADMISSION

Pass XIIth (Any Stream)



Visit SAMARTH Portal to register and apply online



Visit the College website regularly for Merit list updates

https://xavierscollegegoa.ac.in

Attend Counselling session in the College premises along with Parent / Guardian.

Carry physical copy of the documents submitted online

Once admitted, proceed to pay the fees in the College Office

### **Documents Required:**

Std XII Marksheet

Std X Marksheet

**HSS Leaving Certificate** 

AADHAR Card (Linked to Student Mobile number)

Latest Passport Size Photograph (Strictly in formals with 80% face coverage)

Student Signature on white paper

Valid E-mail ID and WhatsApp number

Valid Caste Certificate (If Applicable)

Valid EWS / PwD Certificate (If Applicable)

### **COURSE STRUCTURE FOR ARTS, COMMERCE AND SCIENCE**

### BA PROGRAMME STRUCTURE UNDER NEP 2020 (OA-XX.11):

Three-year (120 Credits) UG Programmes offered by the College:

- (i) UG Degree Programmes with Single Major (60 Credits in Major (Core))
- (ii) UG Degree Programmes with Double Major (Minimum of 60 % of Major(Core)Credits in

### **Programme Structure for Semester I and II Under Graduate Programme in Arts**

FYBA	MAJOR	MINOR	SEC	VAC	MC	AEC
			SEMESTER I		L	
	PSYCHOLOGY PSY100: Essentials of Psychology	HISTORY HIS 111: Resistance to Colonial rule in Goa	PSYCHOLOGY PSY141: Personality Development	VAC 100: Environmental Studies I	BOTANY BOT 131: Kitchen Gardening	ENGLISH
	HINDI HIN100: हिंदी कहानी साहित्य: परिचयात्मक अध्ययन (Hindi Kahani Sahitya: Parichayatmak Adhyayan)	ECONOMICS  ECO 111: Political Economy	HINDI HIN 141: वृत्तचित्र लेखन एवं निर्माण (Vruttachitra Lekhan Evam Nirmaan)	VAC 108: Introduction to the Folk Tales of India	GEOGRAPHY GOG131: Astronomical Geography	
	POLITICAL SCIENCE POL100: Introduction to Political Theory	PHILOSOPHY PHI 111: Environmental Philosophy	POLITICAL SCIENCE POL 141: Leadership Skills in Politics	VAC 114: Health and Wellness	MATHEMATICS  MAT 131: Mathematical Techniques in Competitive Exams	
	MARATHI  MAR 100: मराठी कथेच्या प्रांगणात(In the Paradise of Marathi Stories)	ENGLISH  ENG 111: Science fiction in English	MARATHI  MAR 141: संप्रेषण कौशल्य: सूत्रसंचालन (Documentary Writing and Production)	VAC 104: Constitutional Values and Obligations	COMPUTER SCIENCE CSC 133: Cyber Security Essentials	
	PHILOSOPHY PHI 100: Introduction to Philosophy	SOCIOLOGY SOC 111: Crime and Society	PHILOSOPHY PHI 141: Introduction to Logic	VAC 106: NCC (Army)	MICROBIOLOGY  MIC131: Introduction to Microbial World	
	HISTORY HIS 100: History of Goa (From Early Times to Liberation)	KONKANI KON111: Konkani Vinodhi nibandha	ECONOMICS ECO 141: Data Analysis 1	VAC 110: Awareness of Cyber Crime and Security	ELECTRONICS  ELE 131: Introduction to Electricity	

	(कोंकणी विनोदी		
	निबंद)		
EGONOL: SS	DOMONO CO	BNG 191	N
ECONOMICS	PSYCHOLOGY	ENGLISH	PHYSICS
ECO101: Introduction to Economics	PSY 111: Child Psychology	ENG 141: Soft Skills	PHY 131: History of Physics
SOCIOLOGY	HINDI	KONKANI	COMMERCE
SOC 100: Invitation to Sociology	HIN 111: हिंदी नाट्य साहित्य: परिचयात्मक अध्ययन (Hindi Natya Sahitya: Parichayatmak Adhyayan)	KON 141: Mahitipat lekhan ani nirmiti prakriya (म्हयतीपट लेखन आनी निर्मिती प्रक्रिया)	COM132: Fundamentals of Stock Market
ENGLISH	POLITICAL	SOCIOLOGY	CHEMISTRY
ENG 100: Introduction to English Literature	SCIENCE  POL 111: Basic Concepts in Political Science	SOC 141: Introduction to Tourism	CHC 131: Introduction to Chemistry
KONKANI	MARATHI	PORTUGUESE	
KON 100: Konkani Katha Parichay (कोंकणी कथा परिचय)	MAR 111: गोमंतकीय लोकसंस्कृती आणि लोकपरंपरा	POR 141: Conversational Portuguese for Travel & Tourism	
PORTUGUESE	PORTUGUESE	GEOGRAPHY	
POR 100: Portuguese Language & Culture in the World	POR 111: Portuguese for Beginners	GOG 141: Elements of Environmental Impact Assessment (EIA)	
	GEOGRAPHY		
	GOG 111: Geography of Sustainable Development		

FYBA	MAJOR	MINOR	SEC	VAC	MC	AEC
SEMESTER II						

PSYCHOLOGY	HISTORY	PSYCHOLOGY	VAC 100: Environmental	BOTANY
PSY100: Essentials of Psychology	HIS 111: Resistance to Colonial rule in Goa	PSY142: Stress Management	Studies I	BOT 132: Ecosystem Diversity
HINDI	ECONOMICS	HINDI	VAC 108:	GEOGRAPHY
HIN100: हिंदी कहानी साहित्य: परिचयात्मक अध्ययन (Hindi Kahani Sahitya: Parichayatmak Adhyayan )	ECO 112: Political Economy	HIN 142: समाचार लेखन एवं प्रस्तुतीकरण Samachar Lekhan Evam Prastutikaran	Introduction to the Folk Tales of India	GOG131: Astronomical Geography
POLITICAL	PHILOSOPHY	POLITICAL	VAC 114: Health and	MATHEMATICS
SCIENCE POL100: Introduction to Political Theory	PHI 111: Environmental Philosophy	POL 142: Introduction to Political Reporting	Wellness	MAT 132: Descriptive Statistics
MARATHI	ENGLISH	MARATHI	VAC 104:	COMPUTER
MAR 100: मराठी कथेच्या प्रांगणात(In the Paradise of Marathi Stories)	ENG 111: Science fiction in English	MAR 142: चित्रपट आस्वाद Film Appreciation	Constitutional Values and Obligations	SCIENCE CSC 133: Cyber Security Essentials
PHILOSOPHY	SOCIOLOGY	PHILOSOPHY	VAC 106:	MICROBIOLOGY
PHI 100: Introduction to Philosophy	SOC 112: Religion and Society	PHI 142: Practical Reasoning	NCC and Nation Building (Army)	MIC132: Microbiology in Everyday Life
HISTORY HIS 100: History of Goa ( From Early Times to Liberation)	KONKANI KON111: Konkani Vinodhi nibandha (कोंकणी विनोदी निबंद)	KONKANI KON 142: Sutrasanchalan Prakriya (सुञसंचालन प्रक्रिया)	VAC 110: Awareness of Cyber Crime and Security	ELECTRONICS  ELE132: Repair and Maintenance of Domestic Electrical Appliances
ECONOMICS	PSYCHOLOGY	ECONOMICS		PHYSICS
ECO101: Introduction to Economics	PSY 112: Child Psychology	ECO 144: Data Analysis II		PHY 132: Indian Contribution to Physics
SOCIOLOGY	HINDI	SOCIOLOGY		COMMERCE
SOC 100: Invitation to Sociology	HIN 111: हिंदी नाट्य साहित्य:	SOC 141: Introduction to Tourism		COM133: Marketing for Beginners

ENGLISH  ENG 100: Introduction to English Literature	परिचयात्मक अध्ययन Hindi Natya Sahitya: Parichayatmak Adhyayan  POLITICAL SCIENCE  POL 111: Basic Concepts in Political Science	ENGLISH ENG 141: Soft Skills	CHEMISTRY CHC 131: Introduction to Chemistry	
KONKANI KON 100: Konkani Katha Parichay (कोंकणी कथा परिचय)	MARATHI  MAR 112: एकांकिका एक वांग्मय  प्रकार(One Act Play- A form of literature)	PORTUGUESE  POR 141: Conversational Portuguese for Travel & Tourism		
PORTUGUESE  POR 100: Portuguese Language & Culture in the World	PORTUGUESE  POR 112: Elementary Portuguese	GEOGRAPHY GOG 141: Elements of Environmental Impact Assessment (EIA)		
	GEOGRAPHY GOG 112: Geography of Climate Change			

\*Students are eligible to choose Courses from the broad Disciplines of study for **MAJOR** and **MINOR** Courses which are as follows:

English

Konkani

Hindi

Marathi

Portuguese

Psychology

Political Science

Sociology

Philosophy

History

**Economics** 

Select any one subject as MAJOR and one other subject as MINOR from the above list\*

# MAJOR MINOR Course combination will be finalized at the time of counselling on the day of admission.





### **SECOND YEAR BA**

### SINGLE & DOUBLE MAJOR DEGREE PROGRAM

1. **MAJOR:** Choose any one subject as MAJOR from among the 4 Courses (2 Major and 2 Minor) studied at Sem I & II (FYBA).

2. **MINOR:** Choose any one MINOR as per the structure shown

### **Single Major Programs Approved & Offered:**

Single Major	Choose any one subject as Minor
Single Wigior	t hoose any one slinlect as Wilnor
Singic Major	Choose any one subject as minor
<i>-</i>	J J

English Political Science / Psychology

Hindi History / Konkani

Marathi Hindi / Political Science

Konkani Sociology / Hindi

Political Science English / Economics

Sociology Economics / Psychology

Psychology Philosophy / Marathi

### **Double Major Programs Approved & Offered:**

Double Major (60%)	Double Major (40%)	Choose any one subject as Minor

Economics Psychology History / Political Science

Economics Political Science Sociology / History

Economics Sociology History / English

Economics History Political Science / Psychology

Economics Hindi History / English

Economics Marathi Political Science / Hindi

Philosophy History English / Sociology

Philosophy Sociology English / Psychology

Philosophy Psychology English / Sociology

Philosophy Political Science Marathi / History

Philosophy Marathi Hindi / Psychology

Philosophy Hindi Sociology / Political Science

Konkani History Hindi / Political Science

Konkani Sociology Psychology / Economics

Konkani Psychology Political Science / Sociology

Konkani Political Science Hindi / Philosophy

Konkani Marathi Hindi / Psychology

Konkani Hindi History / Philosophy

English Psychology Political Science / Konkani

English History English / Sociology

English Sociology Marathi / Hindi

Hindi History Konkani / Sociology

Hindi Sociology Philosophy / Marathi

Hindi Marathi English / History

Hindi English Marathi / Sociology

Political Science History Psychology / Sociology

Political Science Marathi History / Economics

Psychology Sociology Economics / Marathi

History Psychology English / Economics

Marathi Psychology Political Science/ / English

### **1. SEC:** Choose any one subject from those listed below:

Psychology, Sociology, Konkani, Hindi, English, Philosophy and Economics.

- 2. **VET:** (only for Sem IV) Choose any one subject. VET can be same as the Major.
- 3. **AEC:** Choose any one language course Hindi / Marathi / Konkani.
- 4. **MC:** Choose any one subject from those listed below:

Botany / Chemistry / Computer Science / Digital Marketing /

Electronics / Event Management / IPR / Microbiology / Personal

Investment

### **B.COM PROGRAMME STRUCTURE UNDER NEP 2020 (OA-XX.11):**

**UG Degree Programmes with Single Major:** 

- B.COM. FINANCIAL ACCOUNTING (CFA) (HONOURS) SINGLE MAJOR
- B.COM. COST ACCOUNTING (CCA) (HONOURS) SINGLE MAJOR
- B.COM. **BUSINESS MANAGEMENT (CBM)** (HONOURS) SINGLE MAJOR

### B.COM. BANKING & FINANCIAL SERVICES (CBF) (HONOURS) SINGLE MAJOR

SEMESTER	I	II	
MALOD	Maia 1 COM 100	Najar 2 CON 101	
MAJOR	Major-1 COM-100	Major-2 COM-101	
	Financial. Accounting. (4L)	Elements of Cost (4L)	
MINOR	Minor-1. COM-111	Minor-2 COM-112	
	Principles and Practice of	Fundamentals of Banking	
	Management. (4L)	(4L)	
MULTIDISCIPLINARY	MC-1 COM-131 to COM-	MC-2 COM-136 to COM- 140	
COURSE	135	(Any one Course as per list)	
	(Any one Course as per the list )		
ABILITY	English 151	English 152	
ENHANCEMENT	Communicative English:	Digital Content Creation in	
COURSE	Spoken & Written English	English	
SKILL	SEC-1 COM-141 to COM-145	SEC-2 COM-146 to COM-150	
ENHANCEMENT COURSE	(Anyone Course as per the list )	(Anyone Course as per the list)	
VALUE ADDED	VAC 101: Environment Studies –I		
COURSE	VAC 105: Constitutional Values and Obligations		
VACI			
VACII			
0.6.1	VAC 111: Awareness Of Cyber Crimes And Securit		
	VAC 115: Health and Welln	ess	

### **Multidisciplinary Course Papers**

### Semester I

CSC -131	1. Emerging Trends in Computers
MAT -131	2. Mathematical Techniques in Competitive Exams
COM-134	3. Geography of Natural and Commercial Resources of Goa
PSY -131	4. Psychology (Psychology of Adjustment )
MIC-131	5. Microbiology (Microbial world)
BOT -131	6. Botany (Kitchen Gardening)
CHC-131	7. Chemistry (Introduction to Chemistry)
PHY-131	8. Physics (History of Physics)
ECO 131	9. Sustainable Development

### **Multidisciplinary Course Papers**

### **Semester II**

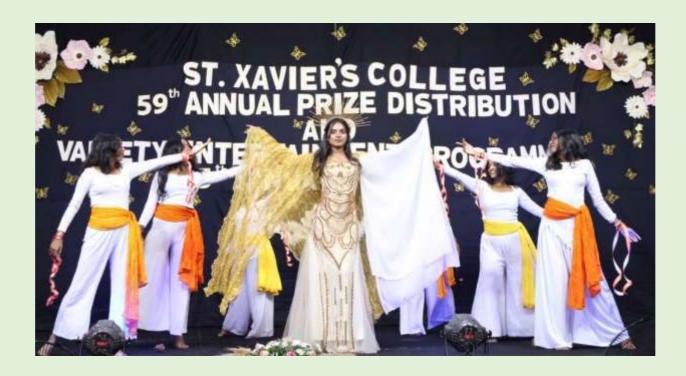
CSC -133	1. Computers: Cyber Security Essentials
MAT-131	2. Mathematical Techniques in Competitive Exams
COM-139	3. Geography: Geography of Commercial Activities in Goa
PSY -132	4. Psychology: Environment Psychology
MIC -132	5. Microbiology: Microbiology in Everyday Life
BOT -132	6. Botany : Eco System Diversity
CHC-131	7. Chemistry: Introduction to Chemistry
PHY -132	8. Physics: Indian Contribution to Physics
ECO-132	9. Globalisation

### **Skill Enhancement Course**

### Semester I

COM-144	1. Business Documentation
COM-145	2. Innovation and Start-ups
BOT-142	3. Botany (Nursery and Gardening)
CHC-143	4. Chemistry (Chemistry of cosmetics and perfumes )
PHY-143	5. Physics ( House Electrical Wiring )
COM-147	6. Business Mathematics I

ECO 141	7. Data Analysis I
ENG 143	8. English for Competitive exams
PSY-141	9. Psychology (Personality Development)
COM-141	10. Computer Applications In Business



### **Skill Enhancement Course**

### **Semester II**

COM-145	1. Innovation and Start-ups
BOT-142	2. Botany: Fruits & Vegetable Processing
CHC-143	3. Chemistry: Chemistry of cosmetics and perfumes
PHY-143	4. Physics :House Electrical Wiring
COM-147	5. Business Mathematics II
ECO 141	6. Data Analysis I
ENG 143	7. English for Competitive exams
PSY-142	8. Psychology: Stress Management
COM-148	9. Corporate Secretaryship
COM-146	10. Business Data Processing And Networking

### SECOND YEAR BCOM

### Semester III

Course Type	Course Code	Course Title	Credits	
MAJOR	COM-200	Public Economics	4	
MAJOR (ANY ONE)				
Financial Accounting	CFA-201	Government Accounting	4	
Cost Accounting	t Accounting CCA-201 Methods of Costing		4	
Business Management CBM-201 Marketing Management		Marketing Management	4	
Banking & Financial Services	CBF-201	Principles and Practice of Banking	4	
MINOR (ANY ONE)				
Accounting	CFA-211	Specialised Accounting	4	
Cost Accounting	CCA-211	Business Environment	4	
Business Management	CBM-211	Business Finance	4	
Banking & Financial Services	CBF-211	Introduction to Capital Markets	4	
	COM-212	Business Law	4	
	COM-213	Business Statistics	4	

Skill Enhancement (any 1)	COM-241	Accounting Software Application	3(1T+2P)
	COM-242	Business Data Analysis	3(1T+2P)
	COM-243	Personal Financial Planning	3(1T+2P)
	COM-244	Introduction to Auditing	3(1T+2P)
Ability Enhancement To be opted from the available ability enhancement courses approved by the respective Board of Studies.			2
		Total Credits	20
MULTIDISCIPLINARY S	SEM III ONL	Y	
	COM-231	Fundamentals of Event Management	3
	COM-232	Fundamentals of Digital Marketing	3
CECUS NONE COMMITTEE COM	COM-233	Business Ethics and Governance	3
(FOR NON-COMMERCE)	COM-234	Personal Investment and Tax Planning	3
	COM-235	Inteflectual Property Rights	3

### Semester IV

Course Type	Course Code	Course Title	Credits
MAJOR	COM 202	OM 202 Fundamentals of Macro Economics for Business	
MAJOR: ANY ONE FROM	SAME MAJOR / [	DISCIPLINE SELECTED IN SEM III	
Financial Accounting	CFA - 203	Financial Statement Analysis	4
Tillancial Accounting	COM - 204	Indirect taxes	4
	CFA - 205	Forensic Accounting	2
			<del>,                                      </del>
Cost Accounting	CCA 203	Methods of Costing	4
	COM 204	Indirect Taxes	4
	CCA 205	Marginal Costing	2
Business Management	CBM-203	Services Marketing	4
	CBM-204	Event Management	4
	CBM-205	Brand Management	2
Banking & Financial	CBF-203	Law and Practice of Banking	4
	CBF-204	Principles & Practice of Insurance	4
	CBF -205	Financial Statement Analysis of Banks	2
MINOR (ANY ONE)			
Accounting	COM 221	Accounting for Service Organisations (VET)	4
Cost Accounting	CCA 221	Strategic Performance Management (VET)	4
Business Management	CBM-221	Digital Marketing (VET)	4
Banking & Financial Services	COM 221	Accounting for Service Organisations (VET)	4

	COM-222	Corporate Law (VET)	4
	COM-223	Business Statistics II (VET)	4
ABILITY ENHANCEMENT		ment To be opted from the available nent courses approved by the respective s.	2
		Total Credits	20

### COURSES OFFERED FOR FIRST YEAR B.Sc.

Students are eligible to choose Courses from Broad Disciplines of Study for MAJOR and MINOR Courses which are as follows:

Microbiology

Botany

Chemistry

**Physics** 

Electronics

Mathematics

Computer Science

Select any one subject as MAJOR and one other subject as MINOR from the above list\*.

# MAJOR MINOR course combination will be finalized at the time of counselling on the dayof admissions.

	St. Xavier's College, Mapusa Goa F.Y.B.Sc. Course Combinations Offered for Academic Year 2024-2025								
			BRO	AD DISCIPLINE(I): NA	TURAL AND PHYSIC	CAL SCIENCES			
OPTION (Choose one opt	any	SEMESTER	MAJOR	MINOR	мс	AEC	SEC	VAC	
Option 1	1 (a)	9	BOTANY BOT - 100 FUNDAMENTALS OF BOTANY	Chemistry CHC - 111 BASIC CONCEPTS IN CHEMISTRY	Psychology PSY – 131 PSYCHOLOGY OF ADJUSTMENT	English ENG – 151 COMMUNICATIV E ENGLISH:	Botany BOT – 141 NURSERY AND GARDENING	1)VAC – 101 ENVIRONMENTA L STUDIES I	
	1 (b)	31	Microbiology MIC – 100 BASICS OF MICROBIOLOGY	Physics PHY - 111 EVERYDAY PHYSICS	OR History HIS – 131 INDIGENOUS	SPOKEN AND WRITTEN	Microbiology MIC – 141 TECHNIQUES IN MICROBIOLOGY – STAINING AND MICROSCOPY	& 2)VAC - 105 CONSTITUTIONAL VALUES AND OBLIGATION	
Option 2	2 (a)	1	Chemistry CHC – 100 FUNDAMENTALS OF CHEMISTRY	Microbiology MIC – 111 MICROBIAL ECOLOGY AND ENVIRONMENT	OR  Seciology SOC – 131 GENDER		Chemistry CHC – 141 WATER AND SOIL ANALYSIS Or CHC 143 Chemistry of Cosmetics and Perfumes	OR  1)VAC – 111  AWARENESS OF CYBER CRIMES AND SECURITY	
	2 (b)	1	Physics PHY - 100	Botany BOT - 111	STUDIES : AN INTRODUCTION		Physics PHY - 141	&	

			FOUNDATIONS OF PHYSICS	PLANTS IN EVERYDAY LIFE	OR		BASIC EXPERIMENTAL TECHNIQUES	2)VAC – 115 HEALTH AND WELLNESS
Option 3	3(a)		Chemistry CHC – 100 FUNDAMENTALS OF CHEMISTRY	Microbiology MIC – 111 MICROBIAL ECOLOGY AND ENVIRONMENT	Political science POL – 131 CONTEMPORAR Y ISSUES IN INDIA  OR  Commerce COM – 132		Chemistry CHC – 141 WATER AND SOIL ANALYSIS  Or CHC143 CHEMISTRY OF COSMETICS AND PERFUMES	
	3 (b)	(1)	Electronics ELE – 100 ELECTRONIC DEVICES AND CIRCUITS	Botany BOT – 111 PLANTS IN EVERYDAY LIFE	FUNDAMENTALS OF STOCK MARKETS		Electronics ELE – 141 ELECTRONICS FOR BEGINNERS	
			BROAD DISCIPLIN	E(ii): MATHEMATICS	, STATISTICS AND C	OMPUTER APPLICA	TIONS	10.
Option 4	4(a)	i.	Computer applications CSA – 100 PROBLEM SOLVING AND PROGRAMMING	Statistics MAT – 112 ELEMENTARY STATISTICS	Commerce COM - 131 ACCOUNTING FOR NON ACCOUNTANTS	English ENG – 151 COMMUNICATIV E ENGLISH: SPOKEN AND WRITTEN	Semester I Mathematics MAT – 141 NUMERICAL ANALYSIS USING PYTHON/	1)VAC – 101 ENVIRONMENTA L STUDIES 1
	4(b)	(0)	Mathematics MAT – 100 FOUNDATIONAL MATHEMATICS	Computer Science CSC 112 COMPUTER SOFTWARE		Chickens Date (in	SAGEMATH OR Computer Science CSC – 142	2)VAC – 109 INTRODUCTION TO FOLKTALES OF INDIA
				FUNDAMENTALS (Sem I) CSC 114 SOCIAL MEDIA MARKETING (Sem II)			MULTIMEDIA AND WEB DESIGN  Semester II Mathematics MAT- 142 STATISTICAL METHODS USING R/ SPSS/ PSPP OR Computer Science CSC - 146 BASICS OF PYTHON PROGRAMMING	

<sup>\*\*</sup>Subject to change



### SECOND YEAR BSc

- MAJOR: Choose any one subject as MAJOR from among the 4 Courses(2 Major and 2 Minor) studied at Sem I & II.
- 2. MINOR: Choose any one MINOR as per the structure shown below. Minor cannot be same as the Major.

Major	Choose any one as Minor			
Botany	Chemistry	OR	Microbiology	
Chemistry	Botany	OR	Physics	
Electronics	Computer Science	OR	Physics	
Microbiology	Botany	OR	Chemistry	
Physics	Chemistry	OR	Electronics	
Computer Science	Mathematics	OR	Electronics	
Mathematics	Computer Science	OR	Physics	

- 1. SEC: Choose SEC (should be) same as the Major subject chosen.
- VET: Choose any one subject as VET. VET can be same as the Major.
- 3. AEC: Choose any one from Hindi/Marathi/Konkani.
- 4. MC: Choose any one from History/Psychology/Political Science/Sociology/Commerce.



### DEPARTMENT OF BACHELOR OF BUSINESS ADMINISTRATION (BBA)

**Vision:** Training of young people towards academic excellence and equipping them with the ability to adapt to the dynamic corporate environment.

**Mission:** To impart holistic management education with a blend of industry experience and to provide students a platform to choose and nurture their career.

### **History and Milestones of the Department**

The Department of Business Administration started its journey towards imparting management education in 2007 with a blend of industry experience and to provide students with a platform to develop and nurture their careers in the corporate sector. BBA is a self financed programme affiliated to Goa University. At St. Xavier's College, we focus on delivering high-quality education through practical and theoretical knowledge that aligns with the global business landscape. We aim to provide students with holistic knowledge and practical opportunities to enhance their business skills. Students have regular interactions with **industry experts**, gaining insights and competencies to effectively address complex business decisions.

### **Activities of the Department**

At St. Xavier's College, we adopt a blended learning approach, combining traditional lectures with practical, hands-on experiences through the following activities. Industry Interaction and Internships: Regular sessions with industry experts and internships help students gain real-time business insights. Field Trips: Visits to industries and companies provide students with exposure to different sectors. Workshops & Seminars: A wide range of seminars and workshops keep students updated on the latest trends and issues in business.

### Programme Structure as per NEP

Semester 1			
	Paper code	Paper name	Credits
	MGA-100	Management Process and Organisational Behaviour	4
	MGA-111	Human Resource Management	4
	MGA 132	Marketing Management	3
	OR	OR	
	MGA-135	Personality Development	
	MGA-149	IT Skills for Business	(1+2P)
	VAC 103	Sustainable Development and Ecology	2
	VAC 104	Constitutional values and obligations	2
	ENG 151	Communicative English: Spoken & written	2

Semester 2			
	Paper code	Paper name	Credits
	MGA-101	Marketing Management	4
	MGA-112	Financial Statement Analysis	4
	MGA-136	Innovation and Entrepreneurship Development	
	MGA-150	Soft Skills and Personality Development	(1+2P)
	VAC 110	Awareness of cyber crimes and security	2
			2
	ENG 152	Digital content creation in English	2
Semester 3			
	Paper code	Paper name	Credits
1	MGA 200	Financial Management	4
	MGA 201	Business Environment	4
	MGA 211	Business Maths & Statistics	4
		Hindi/Konkani	2
	MGA-231 OR MGA 232	Business Maths and Statistics or Career Planning and Interview Preparation	3
	MGA 241	Interview Facing Skills & Mock Interviews	3(1+2P)
Sem 4			
	Paper code	Paper name	Credits
	MGA-202	Business Research Methods	4
	MGA-203	Case Analysis	2
	MGA 204	Talent Acquisition and Employee Engagement OR	4
	MGA 205	Stock Market Operations	4
	WIGA 203	Stock Market Operations	+
	MGA-206	Retail, Sales and Distribution Management	4
	MCA 207	Or	4
	MGA-207	Leadership and Team Building	4

	MGA-262	Internship	4
		Hindi/Konkani	2
Semester 5			
	MGA- 300	Economics for Management	4
	MGA-301	Services Marketing	4
	OR	OR	
	MGA- 302	Learning and Development OR	
	OR	Taxation	
	MGA- 303		
	MGA- 304 OR	Integrated Marketing and Communications OR	4
	MGA- 305	Performance Management and Competency Mapping	
	OR	OR	
	MGA-306	Management Accounting	
		Transgement recounting	
	MGA-307	Entrepreneurship	2
Semester 6			
	MGA-308	Production Operations Management	4
	MGA-309	Strategic Management	4
	MGA-310	Legal Aspects of Business	4
	MGA-311 OR	Product and Brand Management	4
	MGA-312 OR	Labour Laws and Compensation Management	
	MGA-313	Security Analysis and Portfolio Management	
Internship	MGA-362	Internship	4

**Department Faculty**Ms. Vanessa Zita Furtado (Course Co-ordinator)

Mr. Vernon J.F. Desa (Asst.Professor) Ms. Charmaine N. Dias (Asst.Professor)

Department Email Id: BBA@xavierscollegegoa.ac.in

### **Career Opportunities**

The BBA programme equips students to take on entry-level executive positions in various fields, including: Marketing Management, Human Resources, Financial Management, Event Management etc.Our students have secured placements with prestigious multi-national organizations, successful startups, and have also ventured into entrepreneurship. Some of the key sectors employing our graduates include: Banking and Financial Services, Hospitality Industry, Media and Advertising, Manufacturing, Pharmaceuticals, Real Estate. Additionally, many of our graduates have climbed the corporate ladder, with several choosing to expand or manage family-run businesses.

#### **Alumni Details:**

The BBA program at St. Xaviers College, Mapusa played a pivotal role in shaping my career

trajectory. It provided me with practical exposure to various facets of business and entrepreneurship, thus aiding me in ascertaining my area of expertise. The lectures were not only instructive but also fostered creativity. The unwavering support and guidance from the faculty were instrumental in deciphering the theoretical complexities. In essence, Xaviers BBA offers a holistic journey that not only educates but empowers individuals. I highly recommend it to those aspiring to make their entrepreneurial mark the world.I personally found great value in the additional subjects such as psychology, emotional intelligence as well as foreign languages as they helped provide a well- rounded perspective.



Ishita Godinho, Impact and Communications Fellow Atlas Corps New York, United States

### <u>DEPARTMENT OF BACHELOR OF BUSINESS ADMINISTRATION (TRAVEL & TOURISM)</u>

**Vision**: Training young people towards academic excellence and preparing them to adapt to the dynamic corporate environment.

**Mission**: To impart holistic business education with a blend of industry experience and to provide students a platform to nurture their careers.

## History

The Department of Bachelor of Business Administration (Travel & Tourism) was established in the year 2007, the course started with nomenclature name BTTM, in the year 2010 nomenclature changed to BBA (Travel & Tourism), a specialised programme that focuses on the management aspects of the travel and hospitality industry. The department aims to equip students with the necessary skills and knowledge to succeed in the dynamic field of travel and tourism.

The Department invites entrepreneurs/executives from industry and academicians to interact with the students on a regular basis. Inter-collegiate events are organised to celebrate the World Tourism Day. Seminars and workshops are conducted for enhancing knowledge related skills. Field trips form significant component of the curriculum enabling students to get better understanding of the industry. An annual Magazine "X'Plorateur" released by the Department which gives an opportunity for faculty and students to share opinions and views on various topics related to their sphere of interest. The programme prepares students for positions of responsibility and management in the Travel and Tourism Industry. Employment opportunities are plentiful in the industry sector and include Travel Agencies, Tour Operators, Hospitality, Aviation, Cruise Liners, Rentals, and Visitors/Tourism Information Bureaus. Students can venture into business as entrepreneurs as well. The BBA (T&T) programme is of three years with honors (fourth year). A candidate who has passed standard XIIth Examination or three ylears Government approved Diploma after Xth standard is eligible for admission to B.B.A (T&T) on the basis of an entrance examination (College Entrance exam) and an interview.

## **Activities of the Department**

The Department every year celebrates "World Tourism Day" on 27<sup>th</sup> September where students of the department showcase their skills like organising, leadership, teamwork, coordination. Department also organise National study tour for the students of Third Year. This year place selected was Rajasthan. Apart from this students also participated in intercollegiate events at state and national level. Field trip were also organised for students at places like NV Eco Agro Tourism Pvt. Ltd. Tour to heritage tourism. Value added course for department students.

#### **COURSES OFFERED UNDER NEP**

SEMESTER	CODE	TITLE	CREDITS
I	MGT-100	Fundamentals of Tourism	4
	COM -111	Principles and Practice of Management	4
	MGT- 131/132	Introduction to Tourism /Tourism Entrepreneurship	3
	MGT-141	Soft Skills and Personality Development	(1 T +2P)
	ENG-151	Communicative English : Spoken & Written	2
	VAC 103	Sustainable Development and Ecology	2
	VAC 104	Constitutional Values and Obligation	2
		NCC (Army)	2

	MGH-100	Hospitality Management	4
	MGF-111	Business Ethics and Sustainability	4
II	MGT-133/ MGT-134	Tourism Products of Goa /Tourism Marketing	3
	MGT-142	Innovation and Start-ups	(1 T +2P)
	ENG-152	Digital content creation in English	2
	VAC 110	Awareness of cyber crimes & security	2
	VAC 114	Health & Wellness	2
	MGT-200	Human Resource and Organizational Behaviour	4
	MGT-201	Economics of Tourism	4
III	MGT-211	Strategic Management	4
	MGT- 231 MGT- 232	Principles of Accounting/ Computer Applications in Business	3
	MGT-241	Interview Facing Skills	(1T+2P)
	HIN 251	Hindi: Sampreshan Kaushal	2
	KON 251	Konkani: Communicative Skills	2
	MAR 251	Marathi: Personality Development	2
		English (Only to limited students)	2
	MGT-205	Travel Agency and Tour Operations	2
	MGT 203	Tourism Products of India	4
IV	MGT 202	Marketing for Hospitality and Tourism	4
	MGT 204	Entrepreneurship in Tourism	4
	HIN 252	Hindi	2
	KON 252	Konkani : Communication Skills	2
	MGT-221	Internship-1	4

	MGT-300	Event Management	4
	MGT-301	Sustainable Tourism	4
V	MGT-302	Destination Management	4
	MGT-303	Airline Management	2
	MGT-321	Internship-2	4
	MGT-361	Internship-3	2
VI	MGT-304	Tourism Planning and Policies	4
	MGT-305	International Tourism Management	4
	MGT-306	Global Distribution System	4
	MGT-307	Project	4
	MGT-322	Internship	4
	MGT-400	Management of Transport Operations	4
	MGT-401	Emerging Trends in Tourism	4
VII	MGT-402	Business Research Methods	4
	MGT-403	Sales Management	4
	MGT-411	Case Writing and Analysis	4
	MGT-404	Product Management In Tourism	4
	MGT-405	Performance Management	4
VIII	MGT-406	Customer Relationship Management	4
	MGT-407	Learning and Development	4
	MGT-412	Ethical, Legal and Regulatory Aspects of Tourism	4

## **Career Opportunities:**

Airline Operations: Roles in ticketing, customer service, and logistics. Travel Agents: Helping clients book flights, hotels, and tours. Tour Operators: Designing and selling tour packages to various destinations. Destination Managers: Promoting and managing a specific destination to

attract tourists. Hotel Management: Overseeing the operations of hotels and resorts. Event Planning: Organizing and managing events, such as weddings, conferences, and corporate gatherings. Restaurant Management: Running restaurants, cafes, or bars in tourist areas. Tour Guides: Leading groups on sightseeing tours, providing interesting commentary and ensuring a positive experience. Adventure Guides: Leading activities such as hiking, skiing, or water sports. Travel Writers: Creating content for travel magazines, blogs, or social media platforms. Influencers: Using platforms like Instagram or YouTube to share travel experiences and tips. Tourism Marketing Specialists: Developing campaigns to attract tourists. Travel Customer Support: Assisting customers with queries, travel issues, and complaints.

Faculty

Ms. Sarita Mahale Camulkar (Course Coordinator)

Mr. Rommel Pinheiro (Asst.Professor)

Ms Chelsea Martins (Asst.Professor)

Email: BBATT@xavierscollegegoa.ac.in/ stxaviers.bbatt@gmail.com

#### **Student Testimonials**

My college journey was a transformative and enriching experience that shaped me into the person I am today. Pursuing a Bachelor in Business Administration in Travel and Tourism merged my passion for exploration with industry-specific knowledge. This comprehensive course equipped me with expertise in tourism management, hospitality operations, marketing, and

entrepreneurship. Through case studies, projects, and internships, I developed valuable skills, resilience, and insights into the global travel landscape. Beyond academics, college life was a vibrant of growth, friendship, and self-discovery. From initial nerves to confident graduation, I grew academically, personally, and professionally. I formed lifelong friendships, explored diverse interests, and discovered my passions.

The campus became a second home, filled with laughter, debates, and memories. Professors mentored, guided, and inspired me to reach beyond my potential. College taught me to embrace challenges, celebrate successes, and find purpose.



Ms. Giselle D'souza

Thank you for being an exceptional teacher, mentor, and role model. Your impact extends far beyond the classroom, and I'm grateful for the lessons you taught me, both inside and outside the curriculum.

Today, I stand proud of the person I've become, and I owe a significant part of my success to my incredible teacher, Mrs. Sarita

## **DEPARTMENT OF COMPUTER APPLICATIONS (BCA)**

#### Vision

Promote intellectual curiosity, professionalism and IT skills for life-long learning.

#### Mission

To create ideas that deepen and advance the understanding of computer applications, and with these ideas develop innovative, principled and insightful software professionals who will change the world for the better.

## History of the department

St. Xavier's College introduced BCA (Commerce) in the year 2005, with a few students and the same progressed in the later years with an intake capacity of 40 students. The A well-equipped computer laboratory is also made available. It is networked and is provided with internet access. At present, there are five full time faculty members. Visiting faculty also address students. In the year 2019, the BCA Course has revised its course structure and has introduced a new curriculum CBCS( choice based credit system), From the year 2024 BCA department has come under the ambit of AICTE, We have around 800 alumni who have passed out from BCA till the year 2024

#### **Activities of the Department**

The Department of Bachelor of Computer Applications have a number of activities through the year. All round formation of students is ensured through the annual intercollegiate event, Interclass competitions, Field trips, Study Tours, Quizzes, Mentor - Mentee programme e Newsletter, certificate courses, alumni talk series, webinars and seminars, career guidance talks and C. V. Writing and many more. The Department publishes its biannual E-newsletter IBYTE, which includes articles of faculty and students and highlights the activities and achievements of the department.

The Department organizes activities that includes an annual state level intercollegiate event Called TECHLIPSE. As a Department initiative, TECHBYTES was organized through an intra Class competition for students to display their IT skills. The final year students have the opportunity to be a part of educational tours and field trips organized by the department to

various organizations. Guest speakers from various sections of society have been invited on an online platform for a webinar series organized by the Department

# **Duration Of The Programme And Semesters**

Duration of the Programme shall be of three academic years / Four Academic Years (can be chosen under NEP, subject to approval), which is divided into six / Eight semesters with two semesters per academic year.

SEMESTER	COURSE CODE	SUBJECT NAME	CREDITS
	CSA -100	Problem Solving and Programming	3T +1P
	MAT - 112	Elementary Statistics	4T
	MC	To be chosen from subjects offered from Self finance streams	3T
I	CSA- 142	Python Programming	2T+1P
	VAC 1	Environmental Studies	2T
	VAC 2	Constitutional Values and Obligations	2T
	ENG 151	Communicative English : Spoken and Written	2T

	MAT 100	Foundational Mathematics	3T+1P
	CSA 111	Computer System Fundementals	4T
	MC	To be chosen from subjects offered by self Financed Streams	3T
II	VAC 1	Life Skills	2T
	VAC 2	E Waste	2T
	ENG - 152	Digital Content Creation in English	2T
	SEC	2D Animation	2T+1P

CSA- 200	Data Structures	3T+1P
	Database Management Systems	3T+1P

	CSA -211	Reasoning Technoques	3T +1 TUT
Ш		To be Chosen from subject offered from self financed Streams	3T
	CSA - 241	Multimedia Applications	2T+1P
	AEC	Hindi / Konkani / Marathi	2T

	CSA -202	Web App Development	3P+1T
	CSA-203	Agile Methodologies	3T+1P
	CSA -204	Object Oriented Concepts	3T+1P
IV	CSA -205	Web Technology	2T
	CSA - 221	Digital Marketing Fundementals	3T+1P
	AEC	Hindi / Konkani / Marathi	2T

	CSA-300	UI UX Design	3T+1P
	CSA-301	Full Stack Development	3P+1T
	CSA- 302	Cloud Computing	3T+1P
V	CSA 303	Internet Technologies	2T
	CSA - 321	Internship (VET)	4

	CSA 304	Cyber Security	3T+1P
	CSA - 305	Mobile App Development	3P+1T
	CSA - 306	Machine Learning	3T+1P
VI	CSA - 307	Project	4
	CSA - 322	Social Media Marketing & Analytics	3T+1P
	Or CSA -323	Or E - Commerce Applications	3T+1P

Or CSA - 324	Or Modern Frameworks	3T+1P

	CSA - 400	Statistical Tools	3T+1P
	CSA -401	DevOps	3P+1T
	CSA - 402	Software Design Patterns	3T+1P
VII	CSA - 403	NLP Applications	3T+1P
	CSA - 411	Project Management	3T+1P
	Or CSA 412	Dashboard Development	3T+1P
	Or CSA - 413	Introduction to Quantum Computing	3T+1P
	CSA- 404	Introduction to Functional Programming	3T+1P
	CSA- 405	Information Systems Audit	4T +1 TUT
	CSA- 406	Internet of Things	3T+1P
VIII	CSA - 407	Research methodology	3T+1P
	CSA- 414	Interactive Media	3T+1P
	Or CSA 415	Or Game Design	3T+1P
	Or CSA -416	Or Educational Technology	3T+1P
	Or CSA- 417	Or Blockchain Technology	3T+1P

## **Career options:**

BCA involves learning skills with not only computers but with evolving technology and adaptation to the increasing demand of IT professionals in industries. Students have a wide range of prospects such as Software Programmers, Software Developers, Software Engineers, Web Designers, Hardware Analysts, Hardware Designers, Software Quality Assurance Managers, Software Designers, Graphic Designers.BCA also serves as a foundation for pursuing advanced studies in field of Masters of Computer Application (MCA) and Masters in Information Technology(MSCIT).

## **Eligibility for the course:**

A candidate shall be selected based on a selection test as prescribed by Goa University from time to time. The selection test shall test the general aptitude, logical reasoning and analytical abilities and basic arithmetical skills of the candidate

### **Faculty:**

Mr. Worrel D'Souza (Course Co-ordinator)

Ms. Aquilla Afonso

Ms. Rushita Verlekar

Mr. Stalin D'Sa

Mr. Vipul Parsekar

## Testimonial of ex-student of the department (TY Batch 2023 – 24):

I chose to pursue the Bachelor of Computer Application (BCA) program at our college over the more traditional options of Engineering or BSc Computer Science, and it has been one of the best decisions I've made for my career. The program has equipped me with competitive skills similar to an engineer's, but in a shorter time frame. The curriculum and faculty support have been instrumental in building a strong foundation in computer applications and programming, making me well-prepared for the workforce. I highly recommend the BCA program to anyone interested in a career in technology, as it offers a comprehensive education that prepares students to excel in the field.



Gulger Mallik
R&D Engineer (Placement Student) at
The University of Huddersfield

## **DEPARTMENT OF MASS COMMUNICATION & JOURNALISM**

#### Vision

The Department of Mass Communication & Journalism aims to nurture creativity in students & empowering students with a strong sense of accuracy, credibility & adherence to news values & creative thinking & thereby upholding highest ethical standards of mass media.

#### Mission

To develop smart media professionals with optimum potential to contribute & to join the rapidly evolving media industry.

#### **Brief history**

St. Xavier's College, Goa is the first College in the state to offer an Undergraduate programme in B.A. Mass Communication in 2004 & B.A. Journalism in 2006.

Understanding the demand for this Professional Course in the rapidly growing world of Media & Communications, the Departments boasts of 16+ successful batches comprising of more than 500+ young minds who have entered the media industry. Currently 144 aspiring media-oriented students pursuing the Course, all set to meet the challenges of the media industry head.

Since the **Academic Year 2023- 2024,** two courses have now been integrated as one department, as it is also envisioned under the NEP frameworks. Thus, providing the students the best of both the departments under one nomenclature.

#### **Activities**

The department of Mass Communication & Journalism organises various academic and extra circular activities to give a holistic learning experience. Some of activities conducted are Workshops, Webinars, Field visits, Guest lectures, Photo walk, Internships, State level Photography Competition, Media Study Tour (Delhi, Hyderabad, Bangalore, Pune), MediaScope (Inter HSS Media Competition), Media Fest (Intra Class media Competition)

Semester I			
Course Type	Course	Course Title	Credits
	Code		
Major	MCJ 100	Introduction to Communication Principles	4
Minor	MES 111	Introduction to Visual Communication	4
MC	MCJ 131	Media & Society	3
AEC	ENG 151	Communicative English: Spoke and Written	2
	MCJ 141	Performing Arts & Communication	
SEC	MCJ 142	Basics of Photography	3
(Select	JOR-141	Multimedia & Desktop Publishing	(1T 2P)
anyone)			
VAC	VAC 100	Environmental Studies I	2
	VAC 104	Constitutional Values and Obligations	

Semester II	Semester II					
Course Type	Course	Course Title	Credits			
	Code					
Major	JOR 100	Introduction to News Media	4			
Minor	ADP 111	Introduction to Advertising & Marketing	4			
		Communication				
MC	MCJ 132	Introduction to Films	3			
AEC	ENG 152	English: Digital Content Creation in English	2			
	MCJ 143	Introduction to Design				
SEC	MCJ 144	Social Media Skills	3			
(Select	JOR 142	Mobile Journalism	(1T 2P)			
Anyone)						
VAC	VAC 111	E Waste Management	2			

	VAC 116	Life Skills	
Exit course	MCJ 161	Media writing	4

Semester III			
<b>Course Type</b>	Course Code	Course Title	Credits
	MCJ 200	Scripting for media	4
Major	MCJ 201	Media and information literacy	4
Minor (VET)	MCJ 211	Advertising Management	4
(Select anyone)	MCJ 212	Reporting & Editing	
MC	MCJ 231	Introduction to Electronic Media	3
	HIN 251	Hindi: Sampreshan Kaushal	
MIL	KON 251	Konkani: Communicative Skills	2
(Select	MAR 251	Marathi: Personality Development	
anyone)		English (Only to limited students)	
	MCJ241	Audio Production	
SEC	MCJ242	Introduction to Events	3
(Select Anyone)	MCJ243	Art Appreciation	(1T 2P)

Semester IV	Semester IV				
<b>Course Type</b>	Course	Course Title	Credit		
	Code				
Major	MCJ 202	Introduction to Audio visual media	4		
	MCJ 203	Introduction to copy writing	4		
	MCJ 204	Film Appreciation	4		
Major	MCJ 205	Advanced Photography	2		
(Select any	MCJ206	Vlogging & Blogging	Practical		
one			only		
Minor (VET)	MCJ 221	Advanced Graphic Designing (2T + 2P)	4		
(Select any	MCJ 222	Travel &Lifestyle Communication (3T + 1P)			
one					
	MCJ 261	Political writing	4		

Semester V					
Course Type	Course Code	Course Title	Credit		
Major	MCJ 300	History of Media (I)	4		
	MCJ 301	Media & Cultural Studies	4		
	MCJ 302	Media Research	4		
Major	MCJ 303	Video Editing	2		
(Select any one	MCJ 304	Ad Filmmaking Campaign Strategies			
Minor (VET)	MCJ 321	Digital Video Production	4		
(Select any one	MCJ 322	Visual Design			

	MOLOCI	T., 41. '	2
	MCJ 261	Internship	2

Semester VI						
<b>Course Type</b>	Course	Course Title	Credit			
	Code					
Major	MCJ 305	History of Media (II)	4			
	MCJ 306	Media Laws (I)	4			
	MCJ 307	Corporate. Communication	4			
	MCJ 308	Project – (Documentary   Short Film  News	4			
		Magazine)				
Minor (VET)	MCJ 323	Advance Digital Marketing	4			
(Select any	MCJ 324	Radio & Podcast				
one						

Semester VII						
<b>Course Type</b>	Course	Course Title	Credit			
	Code					
Major	MCJ 400	Health & Development Communication	4			
	MCJ 401	Media Laws (II)	4			
	MCJ 402	Theories of Communication	4			
	MCJ 403	CSR & Crisis Management	4			
Minor	MCJ 411	Social Media Management	4			
(Select any	MCJ412	Sports Communication				
one						

Semester VIII						
<b>Course Type</b>	Course	Course Title	Credit			
3.5.1	Code		4			
Major	MCJ 404	Investigative Journalism	4			
	MCJ 405	Contemporary Issues in Media & Communication	4			
	MCJ 406	New Media	4			
	MCJ 407	Film & Society	4			
Minor	MCJ 413	Media Entrepreneurship	4			
(Select any one	MCJ414	Business Journalism				

# **Career Opportunities**

At the end of the Undergraduate Course the students will be well-versed with TV Production, Advertising, Public Relations, Designing & Editing, Writing, Scripting, Photography, Videography, Film studies, Filmmaking, Corporate communication, Journalism and TV Anchoring, Radio Jockey, Social Media management & much more.

## **Faculty**

Mr. Anzil Fernandes (Course Coordinator)

Mr. Dinesh Nirawdekar (Course Coordinator)

Mr. Nitin Volvoikar

Ms. Vailarose Fernandes

Mr. Lisvan Rodrigues

Mr.VibhavNaik

Ms. Jonquil Sudhir

Ms. Alisha Fernandes

Email ID: mcj@xavierscollegegoa.ac.in

## **DEPARTMENT OF BIOTECHNOLOGY**

**Vision:** Availability of Biotechnological studies and research to improve the living conditions of mankind and the environment.

**Mission:** Education and training opportunities for students such that they get mastery in biotechnological skills. The department ensures the overall development of their students by encouraging participation in various events and seminars.

## **History and Milestones of the Department:**

The Department of Biotechnology was formerly known as the 'Department of Biosciences', has completed 20 years since its inception. The department that had humble beginnings as a small laboratory grew in its infrastructure over the years and now boasts of 3 well-equipped wet laboratories, a bioinformatics laboratory, Plant and Animal tissue culture laboratories, a preparation room, a staffroom, 2 LCD classrooms and 1 classroom with a Smart Board, that has greatly enhanced the teaching and learning process. The departmental library has a range of reference books, e books, journals and skill-based resource books. The department was awarded the "DBT Star College Scheme" in the year 2021 along with all the Undergraduate Science departments of the college which has given our students and staff a greater scientific exposure in terms of hands-on training in practical, study trips and the improvement of facilities

## **Activities of the Department:**

The department ensures the overall development of students by encouraging participation in extra-curricular events as well as conduct of various activities like Hands-on Training Workshops, Certificate Courses, Seminars, Webinars, Guest lectures by specialists in the field of Biotechnology, Career Guidance talks, Interactions with alumni, Study/Field Trips to ICAR-CCARI, CSIR-NIO, NCPOR, BITS-Pilani, Industrial visits to Brewery, Goa Diary, and effluent treatment plant, State Level Inter-Higher Secondary Event- 'Biowizards-potential unleashed' and Outreach Programmes. 'Sequence-Unravel yourself', is the annual departmental enewsletter, that documents the activities and achievements of the department, the research initiatives undertakenas well as the creative contributions of the students. Students are also

encouraged to undertake a one-month training/ internship during vacations at hospitals, pathological laboratories, pharmaceuticals or research institutes.

Semester	Category	Course Code	Course Title	Credits
	Major	GBT- 100	Biotechnology in Everyday Life	3T+1P
	Minor	CHC- 111	Basic Concepts in Chemistry	4T
I	MC	GBT- 131	Nutrition and Dietetics	3T
	SEC	GBT- 141	Laboratory Essentials	1T+2P
	Major	MIC- 100	Basics of Microbiology	3T+1P
	Minor	BOT- 111	Plants in Everyday Life	4T
II	MC	GBT- 132	Lifestyle Diseases and Management	3T
	SEC	GBT- 142	Bakery and Fermented Beverage Technology	1T+2P
	Major	GBT- 200	Cell Biology	3T+1P
	Major	GBT- 201	Elementary Microbiology	3T+1P
III	Minor	CHC- 211	Basic Industrial Chemistry	4T
	MC	GBT- 231	Emergency Response and First Aid	3T
	SEC	GBT- 241	Modern Agricultural Practises and Home Gardening	1T+2P
IV	Major	GBT- 202	Biochemical Processes and Metabolism	3T+1P
	Major	GBT- 203	Principles of Ecology and Evolution	4T

	Major	GBT- 204	Mammalian Physiology	3T+1P
	Major	GBT- 205	Bio-entrepreneurship	2T
	Minor (VET)	GBT- 221	Plant Physiology	3T+1P
	Major	GBT- 300	Genetics	3T+1P
	Major	GBT- 301	Bioanalytical Tools	3T+1P
V	Major	GBT- 302	Immunology	3T+1P
	Major	GBT- 303	Research Methodology	2T
	Minor	GBT- 321	Biostatistics and Bioinformatics	3T+1P
			Internship	2
	Major	GBT- 304	Plant Tissue Culture	3T+1P
	Major	GBT- 305	Animal Tissue Culture	4T
VI	Major	GBT- 306	Molecular Biology and Genetic Engineering	3T+1P
	Major	GBT- 307	Minor Project	4
	Minor	GBT- 322	Food Biotechnology	3T+1P
	Major	GBT- 400	Industrial Biotechnology and Enzyme Technology	3T+1P
VII	Major	GBT- 401	Environmental Biotechnology	3T+1P
	Major	GBT- 402	Forensic Science & Toxicology	3T+1P
	Major	GBT- 403	Biotechnology in Healthcare	4T

	Minor	GBT- 411	Developmental Biology	4T
VIII	Major	GBT- 404	Pharmaceutical Biotechnology	3T+1P
	Major	GBT- 405	Agricultural Biotechnology	3T+1P
	Major	GBT- 406	Nanobiotechnology	3T+1P
	Major	GBT- 407	Stem Cell Biology and Tissue Engineering	4T
	Minor	GBT- 412	Cancer Biology	4T

## **Career options:**

Career opportunities in Biotechnology exist in the areas of molecular biology, genetics, biochemistry, drug discovery, immunology, clinical research, plant and animal biotechnology. Potential careers opportunities include:

- Project Assistants/Junior Research fellows after an M.Sc.
- QA/QC departments in pharmaceutical companies, food processing units, breweries and distilleries.
- Self-employment through entrepreneurship.
- Medical lab technologists in laboratories and hospitals.
- Research assistants in R and D of pharmaceuticals after an M.Sc.
- Lecturers in Colleges and Universities after an M.Sc/Ph.D.
- In Plant Tissue Culture and Animal Tissue Culture labs and industries.

The alumni of our department have pursued their further studies in Goa, National institutes/college and Foreign Universities and have secured good positions in Food and drug association, BITS Goa, National Institute of Oceanography Goa, Pharmaceutical companies, corporate sectors etc.

#### **Faculty Members:**

Ms. Jocelyn V. Fernandes (Course Co-ordinator)

Ms. Swaroopa Naik

Mr. Vishal Mardolkar

Ms. Sonali Kajoli

Ms. Jenica Rangel

Ms. Emma Fernandes

Mr. Kamlesh Korgaonkar

#### **Department e-mail ID:**

Email ID:Biotech@xavierscollegegoa.ac.in

## **Testimonial by an alumnus of the Department:**

My B.Sc journey at St. Xavier's was a wonderful experience. The Biotechnology department is one of a kind! I have learnt a lot, both academically and practically. The teachers are dedicated, supportive and are always ready to go out their way to provide the best learning experience. The laboratories are equipped with many equipment and instruments which helped us gain hands-on practical knowledge.



Shreya Pundalik Calangutkar
M.Sc. in Bioinformatics
Rajiv Gandhi Institute of I.T And Biotechnology,
Bharati Vidyapeeth University

## **DEPARTMENT OF MATHEMATICS**

**Vision:** To promote analytical and logical thinking among students, encourage Mathematical thought as a vital facet of human thinking.

**Mission:** To provide an environment where students can learn and become competent users of Mathematics and its applications. The department shall endeavor to develop students as Mathematical thinkers, enabling them to become lifelong learners to grow in their chosen professions as productive citizens. The department shall function to develop, disseminate and apply Mathematical knowledge in areas of education and actuaries.

## **Brief History & Milestones of the Department**

Our inception dates back to 1963 — the founding of the College. Over the years, the Department has evolved in leaps and bounds; thanks to the various Mathematical stalwarts who served not only as professors but also as friends, philosophers and guides to the students of this elite institution.

Today, the rich legacy is carried forward by highly efficient faculties, many of whom are products of the College itself. The Department has to its credit its first Ph.D. guide since its inception and is a recipient of the grant under the DBT Star College Scheme awarded to the college by 'Department of Biotechnology, Government of India' in 2021 It has maintained the unique tradition of teaching with love and care, thanks to the number of students that has constantly risen over the years and still rising.

## **Activities of the Department**

The Department provides remedial coaching for slow learners as well as conducts summer courses in certain mathematical areas of common interest. It trains the students to answer various competitive examinations including coaching the students for GU-ART (Goa University Admission Ranking Test) and various other M.Sc. Entrance Examinations in the

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subject of mathematics. Yet another feature of the department is the commemoration of National Mathematics Day every year under which Workshops/ Seminars/ Quiz competitions are conducted.

Our faculty members offer Statistical data consultancy and research methodology consultancy for students and faculty members of the college and other colleges to complete their research work. Under the DBT Star College Scheme, the Department has conducted various workshops/ Faculty Enrichment programs/ Guest lectures/ Study tours as well as procured two Smart Boards and purchased the software "MATLAB".

The Department publishes a newsletter "Abacus".

Semester	Paper Code	Paper Title	Credits
I	Major MAT-100	Foundational Mathematics	3L+1P
	SEC MAT-141	Numerical Analysis using Python/Sage Math	1L+2P
II	Minor MAT-112	Elementary Statistics	3L+1T
11	SEC MAT-142	Statistical Methods using R/SPSS/PSPP	1L+2P
	Major MAT-200	Calculus of One Variable	3L+1T
III	Major MAT-201	Ordinary Differential Equation	3L+1T
111	Minor MAT-211	Matrix Algebra	3L+1P
	SEC MAT-241	Technical Typesetting using LaTeX	1L+2P
	Major MAT_202	Analysis	3L+1T
IV	Major MAT_203	Linear Algebra	3L+1T
	Major MAT_204	Basic Number Theory	3L+1T
	Major MAT_205	Analytical 2D Geometry	2L
	Minor MAT-222	Theory of Equations	3L+1P

Semester	Paper Code	Paper Title	Credits
	Major MAT-300	Riemann Integration and Improper Integrals	3L+1T
	Major MAT-301	Group Theory I	3L+1T
	Major MAT-302	Metric Spaces	3L+1T
1V	Major MAT-303	Analytical 3D Geometry	2L
	Minor MAT-321	Linear Programming Problems(VET)	3L+1P
	Minor MAT-322	Applied Statistics	3L+1P
	Minor MAT-323	Bio-Mathematics	3L+1P
	Major MAT-304	Group Theory II	3L+1T
	Major MAT-305	Complex Analysis	3L+1T
	Major MAT-306	Vector Calculus	3L+1T
VI	Major MAT-307(P)	Project	3L+1T
	Minor MAT-324	Operations Research	3L+1P
	Minor MAT-325	Econometrics	3L+1P
	Minor MAT-326	Mathematical Demography	3L+1P

# Papers offered to non-science departments (Under NEP)

Semester	Paper Code	Paper Title	Credits
I	MC MAT-131	Mathematical Techniques in Competitive Exams	3L
	SEC COM-142	Business Mathematics I	1L+2P
II	MC MAT-131	Mathematical Techniques in Competitive Exams	3L

	MC MAT-132	Descriptive Statistics	3L
	SEC COM-147	Business Mathematics II	1L+2P
III	MC MAT-231	Basic Financial Mathematics	3L
	VET COM-213	Business Statistics I	4L
IV	VET COM-223	Business Statistics II	4L

Career Options: With B.Sc. Honours in Mathematics, students can pursue their Post-Graduation in Mathematics, Statistics, Industrial Mathematics, Operations Research, Actuarial Science, Data Analysis and further join research institutions to pursue research in Mathematics. Students can also opt for B.Ed, which will qualify them to enter the teaching field. Careers include data science, machine learning, business analyst, blockchain developer, forecasting by Mathematical modelling, Biostatistics, Banker, Actuary, Economist, Psychometrician, etc. Students can also pursue their Master's in Business Administration.

The study of Mathematics provides an edge to students to qualify in competitive examinations on account of their analytical reasoning and numerical skills developed during the course.

## **Faculty**

Dr. B.C. Nair (H.O.D)

Mr. Gajanan R.Parab

Dr. Jervin Zen Lobo

Mr. Rahul Ravindra Naik

Mr. Swapnil S. Belekar

**Department e-mail Id:** Maths@xavierscollegegoa.ac.in

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

St. Xavier's College, Mapusa, is one of the premier institutions in Goa, known for its academic excellence, vibrant campus life, and unwavering commitment to the holistic development of its students.

The Mathematics Department, one of the oldest and most distinguished departments of the college since its inception, has played a pivotal role in fostering a deep understanding of mathematical concepts. It provides students with a solid foundation in the subject and develops attitude towards mathematical thinking which makes a person independent to pursue and learn mathematics.



Mr. Divesh Damodar Maulingkar

As a proud Xavierite, my journey at St. Xavier's College was both enriching and enjoyable. The co-curricular activities, seminars, workshops, field trips and events organized by the Mathematics Department and the college contributed significantly to my personal growth and intellectual development. These three years taught me the valuable lesson of balancing academics with personal life, shaping me into a well-rounded individual ready to face future challenges.

## **DEPARTMENT OF PHYSICS**

**Vision:** To inculcate scientific temperament and analytical thinking in the students.

**Mission:** To instill a deep liking for Physics in students which should culminate into new knowledge for the betterment of mankind.

## **History and Milestones of the Department**

The Department of Physics is one of the earliest in the Institution since its establishment in 1963. Several departmental stalwarts have held the reigns of the departments and immensely contributed to the department's present glory.

Initially, Physics was a subsidiary subject. From June1990, the Institution offers Six Units in Physics at the Final Year level.

At present there are two Professors in the Physics department, four Associate Professors and two Assistant Professors. Four teachers hold PhD qualification and six teachers of the department have passed the NET/SET examination.

## **Activities of the Department**

The department of Physics carries out numerous activities during each academic year keeping in mind the holistic development of the students. Field Trips are conducted to widen the student's horizons, Outstation Study Tours are organised to help students to expose them to not only various career options but also to showcase the extent of research and development in the field of Physics. The department organizes several exciting events and programs for invited guest institutions to celebrate National Science day.

Semester	Paper Code	Paper Title	Credits
I	Major PHY-	Foundations of Physics	(3T+1P)
	100		
	Minor PHY-	Everyday Physics	(4T)
	111		
	MC	History of Physics	(3T)
	PHY-131		
	SEC	Basic Experimental Techniques	(1T+2P)
	PHY-141		

SEC	House Electrical Wiring	(1T+2P)
	22000 Zieculoui ii iiiig	(11121)
	Foundations of Physics	(3L+1P)
100	·	
-	Everyday Physics	(4T)
111		
	Indian Contribution to Physics	(3T)
	D ' E ' (1E 1 '	(1T , 2D)
	Basic Experimental Techniques	(1T+2P)
	House Electrical Wiring	(1T+2P)
	Trouse Electrical Willing	(11121)
	Properties of Matter and Sound	(3T+1P)
	•	,
	Heat and Thermodynamics	(3T+1P)
	Electricity and Magnetism	(3T+1P)
	I I I I I	(200)
	Landmark Experiments in Physics	(3T)
	Introduction to LaTaY and Onan course	(1T+2P)
		(11+21)
		(3T+1P)
· ·		(01/11)
	Optics and Modern Physics	(3T+1P)
U	Classical Mechanics – I	(3T+1P)
•	Mathematical Methods of Physics - I	(2L)
	Communication Dhysics	(2T + 1D)
	Communication Physics	(3T+1P)
	Analog and Digital Electronics	(4T)
		( - 2 /
1ajor-2	Atomic and Molecular Physics	(4T)
	•	
	Physics Laboratory – I	(4P)
	a	(4.77)
•	Special Theory of Relativity	(2T)
	Evnorimental Physics	(2T + 1D)
	Experimental Physics	(3T+1P)
	Electromagnetic Theory	4T
· ·	Licente incory	71
	Quantum Mechanics – I	4T
•		
	Physics Laboratory – II	4P
HY-306		
	nor PHY- 111 MC HY-132 C PHY- 141 C PHY- 143 Major-1 HY-200 Major-2 HY-201 nor PHY- 211 MC HY-231 SEC HY-241 Major-1 HY-202 Major-2 HY-203 Major-3 HY-204 Major-3 HY-204 Major-3 HY-205 Minor HY-211 E Course Major-1 HY-300 Major-2 HY-301 Major-3 HY-302 Major-3 HY-302 Major-3 HY-302 Major-3 HY-302 Major-3 HY-302 Major-3 HY-303 Major-3 HY-302 Major-3 HY-303 Major-3 HY-302 Major-3 HY-303 Major-3 HY-305 Major-3 HY-305 Major-1 HY-305 Major-1 HY-305 Major-1 HY-305 Major-1 HY-305 Major-1 HY-305 Major-1	Ary-143 for PHY- 100 for PHY- 111 for PHY- 143 for PHY- 144 for PHY- 145 for PHY- 146 for PHY- 147 for PHY- 148 for PHY- 149 for PHY- 149 for PHY- 149 for PHY- 140 for PHY- 141 for PHY- 141 for PHY- 141 for PHY- 142 for PHY- 143 for PHY- 144 for PHY- 145 for PHY- 146 for PHY- 147 for PHY- 147 for PHY- 148 for PHY- 149 for PHY- 1

Major-4 PHY-307	Project	4T
	Solid State Devices and Instrumentation	4T
324		

Career options: A wide variety of career paths – in academia, research and employment – are open to Physics graduates. After completing the undergraduate programme in Physics, students can pursue higher education opportunities in diverse domains like M.Tech, M.Sc. (in Physics/Electronics/Marine Science), M.B.A., M.C.A., LLB, Library Science etc. Physics students are much sought-after in reputed Institutions like B.A.R.C., T.I.F.R., I.I.Sc, I.S.R.O., the Defence Forces and in the field of teaching.

Alumni of the Physics Department of St. Xavier's College have obtained gainful employment and research openings in India, U.S.A., U.K, South Africa, Canada and the Middle East.

## **Faculty Members:**

Prof. Dominick Nelson Lobo (H.O.D.)

Prof. Mathias Bosco Lawrence

Dr. Benedict Soares

Mr. Pradeep Morajkar

Dr. Manoj Salgaonkar

Ms. Avani Talkatkar

Mr. Sujay Rane

Departmental Email Address: Physics@xavierscollegegoa.ac.in

## **Testimonial by an alumnus of the Department:**

I cannot recommend the Physics Department of St. Xavier's College enough! The time spent by me at the Department totally transformed my understanding of the world around us. The faculty, besides being highly knowledgeable, are absolutely passionate about the subject. They make even complex concepts interesting and approachable, fostering a truly friendly learning environment where the asking of questions is actively encouraged.

Physics isn't just about theory. The Department boasts of the absolutely-best laboratory which I have ever seen, including an excellent 'Dark room' for optical experiments. Top-notch well-maintained apparatus permit the students to better understand the theory through experimentation. So, our undergraduate sojourn wasn't just about textbook knowledge; it was indeed hands-on experience which ignited our love for the subject.



By Mr. Joynus V. Noronha, Teacher Grade 1 in Physics,

Physics, itself, turned out to be far more interesting and practical than I ever imagined. It isn't just about distant visually-invisible galaxies; it's about understanding everything – from the manner in which our phones operate to the very fabric of reality.

Truly, the Department of Physics at St. Xavier's College equipped me with the skills and knowledge to not only pursue a career in Physics, but to also approach any problem with a critical and analytical mind.

If you are looking for a challenging and rewarding academic experience, look no further!

## Guardian Angel Higher Secondary School, Curchorem, Goa

## **DEPARTMENT OF BOTANY**

**Vision:** Integral and personal growth of young students, inculcating in them, the attitude that Mother Nature is ours to use, not to abuse.

**Mission:** To Protect and Conserve Mother Nature for a better tomorrow and provide advisory & consultancy services.

## **History and Milestones of the Department**

The Department of Life Sciences was started with the inception of the College in 1963. In 1994, its nomenclature was changed to Department of Botany. Botany was offered to the First and Second Year students and from June 1998, the department offered a full-fledged three years degree course and is affiliated to Goa University.

The department has well-equipped Laboratories, a Herbarium named after Rev. Fr. Joseph Pallithanam (S.J) and collection of preserved plants specimens.

The Choice Based Credit System (CBCS) was implemented from June 2017 by the Goa University and the Honours Program in Botany was offered at the third year.

From November 2017, a thirty hours Certificate course on: "Collection, Isolation and Identification of Microfungi" and from July 2019 "Homemade Herbal Products" was conducted till date.

Since June 2022, under the National Education Policy (NEP), the option for a three-year Degree Program or a four- year Honours is available.

A Minor Research Project: (Ref. MIN2024146) titled "Biodiversity, Physicochemical Parameters and Molecular Phylogeny of Microfungi Isolated from Unusual Niches" is sanctioned by Goa State Research Foundation of an amount of **Rs. 2.55 Lakhs** for a period of 2 years from 5<sup>th</sup> November 2024 to 4<sup>th</sup> November 2026.

#### **Activities of the Department**

The department organizes an array of activities like Wild Flower Exhibition, Hands on training in Mushroom Cultivation, Isolation, culturing and mass production of Arbuscular Mycorrhizal Fungi. Field trips and Internship training are conducted for the students. Consultancy services are provided for identification of plants. The Department publishes its annual Newsletter "Plantae".

Semester	Paper Code	Paper Title	Credits
I	Major BOT- 100	Fundamentals of Botany	(3T+1P)
	Minor BOT-111	Plants in Everyday Life	(4T)
	MC BOT-131	Kitchen Gardening	(3T)
	SEC BOT-141	Nursery and Gardening	(1T+2P)
II	Major BOT- 100	Fundamentals of Botany	(3T+1P)
	Minor BOT-111	Plants in Everyday Life	(4T)
	MC BOT-132	Ecosystem Diversity	(3T)
	SEC BOT-141	Nursery and Gardening	(1T+2P)
	Exit Course BOT-161	Floriculture	(1T+3 P)
III	Major-1 BOT-200	Diversity of Microbes and Non-flowering plants	(3T+1P)
	Major-2 BOT-201	Plant Physiology	(3T+1P)
	Minor BOT-211	Plant- Animal Interactions	(3T+1P)
	MC BOT-231	Plant Propagation Methods	(3T)
	SEC BOT-241	Herbal Technology	(1T+2P)
IV	Major-1 BOT-202	Anatomy and Reproductive Biology of Flowering Plants	(3T+1P)
	Major-2 BOT-203	Cell Biology and Plant Biochemistry	(3T+1P)
	Major-3 BOT-204	Biofertilizers	(3T+1P)
	Major- 4 BOT-205	Palynology	(1T+1P)
	Minor/VET BOT-222	Ecotourism	(2T+2P)
	Exit Course BOT-261	Organic Farming	(1T+3P)
V	Major-1 BOT-300	Plant Taxonomy and Phylogeny	(3T+1P)

	Major-2 BOT- 301	Cytogenetics and Plant Breeding	(3T+1P)
	Major-3 BOT- 302	Microbiology and Plant Pathology	(3T+1P)
	Major-4 BOT-303	Field Botany	(1T+1P)
	Minor/VET BOT-321	Mushroom Cultivation Technology	(3T+1P)
	Internship BOT-361	Internship	(2)
VI	Major-1 BOT-304	Plant Tissue Culture	(3T+1P)
	Major-2 BOT-305	Plant Ecology and Phytogeography	(3T+1P)
	Major-3 BOT-306	Molecular Biology and Genetic Engineering	(3T+1P)
	Major-4 BOT-307	Project	(4)
	Minor/ VET BOT-322	Post-harvest Technology of Fruits and Vegetables	(3T+1P)

Career Option: Students of Botany after their graduation have a wide choice of careers. They can pursue their Masters degree in Botany, Genetics, Marine Science, Biotechnology, Bioinformatics and continue with PhD.

They can seek employment in various research and agricultural institutes, Indian Forest Services or pursue teaching in schools and colleges. Students can also be self-employed as a horticulturalist, floriculturist, mushroom cultivator, landscape developer, ecotourism manager apart from setting up agricultural farms and nurseries.

## **Faculty Members:**

Prof. Maria Fonseca

Dr. Wendy F. Xavier Martins (HOD)

Ms. Sabina Sales e Dias

Mr. Conceicao De Souza

Ms. Maria B. De Sousa

Dr. Harshala Shetgaonkar

Dr. James D' Souza

Dr. Maria A. D' Sousa

Dr. Suraksha Dongrekar

Dr. Seema Fernandes

Department e-mail ID: Botany@xavierscollegegoa.ac.in

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

I am incredibly grateful for the comprehensive education I received at St. Xavier's College, Mapusa. It not only equipped me with the technical skills required for a career in Botany but also taught me the importance of environment and sustainability. The college also gave me many opportunities to explore my potential, besides offering the best in academics. I participated in various clubs, events, and social work activities that helped me develop new skills and made me realize how important it is to contribute to society.

The professors were not only experts in their fields but also deeply interested in nurturing our curiosity. Their support and mentorship were valuable in providing me holistic education. One of the highlights of my education was the hands-on experiences we had with plant research (our T.Y.B.Sc projects), for which we even had field trips to diverse ecosystems, where theoretical concepts were applied in real-world settings of environmental conservation and research. This exposure was of great use in shaping my future career and research interests.

Looking back, I am really grateful for the time I spent at St. Xavier's College. It taught me not only about my subjects but also about life, responsibility, and kindness. I am proud to be an alumnus of such a great college.



Ms. Amisha Anil Sakhalkar

## **DEPARTMENT OF ELECTRONICS**

**Vision:** The Department of Electronics is committed to provide to the student's, quality education to create an effective teaching-learning environment.

**Mission:** To provide a theoretical foundation blended with practical training and to inculcate values for the overall development of students.

## **History and Milestones of the Department**

St. Xavier's College was the first college in Goa to start B.Sc. in Electronics from June 1996 and is affiliated to Goa University.

#### **Activities of the Department**

The Department organizes study tours to industrial and educational institutes. Demand and relevant technology-based seminars and workshops are also conducted by the Department.

#### **Courses Offered under NEP:**

Our department has a well-defined curriculum so that the students are job ready and skill trained after their graduation.

Semester	Paper Code	Paper Title	Credits
I	Major	Electronic devices and circuits	3L+1P
	ELE-100		

		T	T
	Minor ELE-111	Analog Fundamentals - EDA	3L+1T
	MC ELE-131	Introduction to Electricity	1L+2T
	SEC ELE-141	Electronics for Beginners	1L+2P
	VAC	Cyber Security	2L
	VAC-111		
II	Major ELE-100	Electronic devices and circuits	3L+1P
	Minor ELE-111	Analog Fundamentals - EDA	3L+1T
	MC ELE-132	Repair and Maintenance of Domestic Electrical Appliances	3L
	SEC ELE-142	PCB Designing and Fabrication	1L+2P
	VAC VAC-111	Cyber Security	2L
III	Major ELE-200	Basic Circuit Theory and Network Analysis	3L+1P
	Major ELE-201	Linear Integrated Circuits	3L+1P
	Minor ELE-211	Digital Electronics	3L+1P
	MC ELE-231	Computer Troubleshooting and Maintenance	2L+1T
	SEC ELE-241	PLC and HMI	1L+2P
IV	Major ELE-202	8085-Microprocessor	3L+1P
	Major ELE-203	Transducers and Instrumentation	3L+1P
	Major ELE-204	Electronic Communication	3L+1P
	Major ELE-205	Programming in C	1L+1P
	Minor ELE-221	Robotics (Lab Course)	3L+1P
V	Major ELE-300	8051 – Microcontroller	3L+1P
	Major ELE-301	Power Electronics	3L+1P
	Major ELE-302	Operating System	3L+1P
	Major ELE-303	Programming with Python	1L+1P
	Minor ELE-321	Internet of Things and Application	3L+1P
	Ι	Internship	2I

	ELE-361		
VI	Major	Embedded Systems	3L+1P
	ELE-304		
	Major	Biomedical Instrumentation	3L+1P
	ELE-305		
	Major	Computer Networking and System	3L+1P
	ELE-306	Administration	
	Major	Project	4 credits
	ELE-307		
	Minor	Programming with MATLAB	3L+1P
	ELE-322		

<sup>\*\*</sup> Subject to change as per NEP

Career Options: Many of our students pursue their Post-Graduation in Electronics (MSc.), Software Applications (MCA) or Business Management (MBA).

While the rest find placements mostly in Computer Networking, System Administration and Industrial Automation. After Post Graduation many of our students have been gainfully employed in the field of Embedded Systems and Computer Programming all over the world.

## **Faculty**

Mrs. Vilma M. T. Fernandes (H.O.D.)

Mr. Daryl Gonsalves

Dr. Caje F. Pinto

Ms. Sneha S. Talekar (CB) Ms. Viola Fernandes (LB)

Department e-mail ID: electronics@xavierscollegegoa.ac.in

**Testimonial by an alumnus of the Department (TY Batch of 2023-2024):** As an Alumini who Studied at St. Xavier's College, especially in the Department of Electronics, it was an amazing experience that definitely shaped both my academic as well as my personal journey. The Electronics department provided a dynamic learning environment where practical knowledge and theoretical learning was deeply integrated into the curriculum, helping me develop the right technical and analytical skills for the professional world.

The academic structure was pretty flexible, allowing me to pursue subjects that went along with my interests while engaging in group activities such as projects and field trips that strengthened my leadership and teamwork abilities.

Good Support and Helpfulness from Teachers encouraged me to go on further, their mentorship encouraged me to think creatively, approach challenges confidently, and strive for excellence.

For prospective students, the Department of Electronics at St. Xavier's offers much more than just studying—it creates an environment where curiosity and innovation is taken care of.



**Ethan Fernandes Second Topper** 

## **DEPARTMENT OF MICROBIOLOGY**

**Vision:** Creation of an atmosphere for greater understanding of the diversity and application of the microbial world.

**Mission:** To challenge students to integrate learning and research skills in the pursuit of excellence.

## **History and Milestones of the Department**

The Department of Microbiology at St. Xavier's College Mapusa, was started in June 1983, and was affiliated at that time to Bombay University. It was the first and only College in Goa to offer the subject at the B.Sc. level until 1989. Since June 1988, the Department is affiliated to Goa University and again was the first college in Goa to start and offer 6 Units in Microbiology at the undergraduate level.

In June 2017, the Choice Based Credit System (CBCS) was implemented by Goa University; under this system, the Honors Program in Microbiology was offered at the third year of under graduate studies.

Since June 2022 under the National Education Policy (NEP), the option for a three-year Degree Program or a four-year Honors/Honors with Research Program is available.

In 2021, the Department received a grant under the DBT STAR COLLEGE SCHEME.

In 2023, three faculty members of the Department were awarded recognition as PhD Guides by Goa University.

## **Activities of the Department**

The Department of Microbiology is always buzzing with activity. All-round formation of students is ensured through specially designed extra-curricular events. Hands-on Training Workshops, Certificate Courses, Internship Program, Study/Field Trips, Quiz, Peer Support Groups, Consultancy/Extension Services, Inter-Collegiate Festival - *Proteus*, Outreach Programs, Semi1nars/Webinars, Career Guidance talks, Mini Research Projects, and Journal Club are some of the regularly conducted activities of the department. An e-newsletter: *Microscope - See the Unseen* released annually by the department documents all the activities.

Semester	Paper Code	Paper Title	Credits
I	Major	Basics of Microbiology	(3T+1P)
	MIC-100		
	Minor	Microbial Ecology and Environment	(4T)
	MIC-111		
	MC	Introduction to Microbial World	(3T)
	MIC-131		
	SEC	Techniques in Microbiology- Staining and	(1T+2P)
	MIC-141	Microscopy	
II	Major	Basics of Microbiology	(3T+1P)
	MIC-100		
	Minor	Microbial Ecology and Environment	(4T)
	MIC-111		
	MC	Microbiology in Everyday Life	(3T)
	MIC-132		

	SEC	Techniques in Microbiology: Microbial Cultivation	(1T+2P)
	MIC-142	and Enumeration	(11.21)
	Exit Course	Laboratory Skills in Microbiology	(4)
	MIC-161	-	
III	Major-1 MIC-200	Microbial Biochemistry	(3T+1P)
	Major-2 MIC 201	Molecular Biology	(3T+1P)
	Minor MIC-211	Environmental Microbiology	(3T+1P)
	MC MIC-231	Scope of Microbiology	(3T)
	SEC MIC-241	Dairy Microbiology	(1T+2P)
IV	Major-1 MIC-202	Cell Biology	(3T+1P)
	Major-2 MIC-203	Microbial Physiology	(3T+1P)
	Major-3 MIC-204	Microbial Genetics	(3T+1P)
	Major-4 MIC-205	Basic Biostatistics	(2T)
	Minor/VET MIC-221	Instrumentation in Microbiology	(3T+1P)
	Exit Course MIC-162	Quality control and assurance in microbial processes and products	(4)
V	Major-1 MIC-300	Industrial Microbiology	(3T+1P)
	Major-2 MIC-301	Virology	(3T+1P)
	Major-3 MIC-302	Mycology and Protista	(3T+1P)
	Major-4 MIC-303	Introduction to Bioinformatics	(2T)
	Minor MIC-321	Medical Microbiology	(3T+1P)
	Internship MIC-361		(2)
VI	Major-1 MIC-304	Agricultural Microbiology	(3T+1P)
	Major-2 MIC-305	Immunology	(3T+1P)
	Major-3 MIC-306	Taxonomy and Systematics of Prokaryotes	(3T+1P)
	Major-4 MIC-307	Project	(4)
	Minor MIC-322	Food Microbiology	(3T+1P)
VII	Major-1	Research Methodology	(3T+1P)

	MIC-400		
		77	(OFF 4 P)
	Major-2	Haematology and Clinical Biochemistry	(3T+1P)
	MIC-401		
	Major-3	Genetic Engineering	(3T+1P)
	MIC-402		, ,
	Major-4	Microbial Fermentation	(3T+1P)
	MIC-403		
	Major-5	Extremophiles	(3T+1P)
	MIC-404		
	Minor	Waste Management and Bioremediation	(3T+1P)
	MIC-411		
VIII	Major-1	Pharmaceutical Microbiology	(3T+1P)
	MIC-405		
	Major-2	Epidemiology and Emerging Diseases	(3T+1P)
	MIC-406		
	Major-3	Bioethics and IPR in Microbiology	(3T+1P)
	MIC-407		
	Major-4	Marine Microbiology	(3T+1P)
	MIC-408		
	Minor	Nanotechnology	(3T+1P)
	MIC-412		
	Dissertation		(12)
	MIC-461		

Career Options: After B. Sc. in Microbiology students can pursue a Master's degree in Microbiology, Marine Microbiology, Biotechnology, Nanotechnology and Nanomedicine, Marine Science, Biophysics, Biochemistry, Applied Genetics, Bioinformatics, Agricultural Microbiology, Veterinary Microbiology, Forensic Science, Integrated course for a Masters and Post Doctorate degree, Masters degree in Business Administration, Masters Degree in Hospital Administration, Masters degree in Nutrition & Dietetics, Diploma in Medical Laboratory Techniques.

Students of Microbiology can seek employment as Executives in Quality Control in Food and Beverage-based industries and Pharmaceutical based companies, Production Managers in Microbiology and Biotechnology companies, Analysts in Pathology Laboratories and hospitals, Good Manufacturing Practices, Auditors in industries, teachers/ professors in schools and colleges, Project Assistants in National Research Institutes, Officers in Pollution Control Board, Treatment Plants, Agriculture Departments and Environmental Agencies.

Microbiologists can start up food processing units, biogas plants, waste management units, mushroom cultivation units, diagnostic centers and other small agro-based industries.

## **Faculty Members:**

Ms. Ursula Pinto Barreto (Acting Principal)

Ms. Linette de Souza (HoD In-Charge)

Ms. Katelyn Gonsalves

Ms. Arina Frank

Ms. Ruella D'Souza

Mr. Siddhesh Menon

Dr. Marielou Ferrao

Dr. Sheryanne Velho Pereira

Dr. Valerie Gonsalves

Dr. Trelita de Sousa

Ms. Nadine de Souza

Department e-mail ID: microscopexaviers@gmail.com

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

## My time at St. Xavier's College

Unforgettable!!

In 2021, I embarked on my academic journey at St. Xavier's College, pursuing a Bachelor of Science in (Microbiology, Chemistry, Botany) without a clear vision for my future career. My primary goal was to explore diverse perspectives, gather new ideas, and seek inspiration.

Studying at St. Xavier's was transformative. It not only equipped me with the confidence, knowledge, and skills needed to succeed but also helped me identify areas for personal and professional growth. The guidance and expertise of the exceptional faculty steered me toward discovering my true passion, which I found within the walls of this college.

As I progressed, my interest in Microbiology deepened, particularly during my final year. As a final-year Microbiology student, my fascination for the subject grew immensely. Each module offered unique insights that fuelled my curiosity and heightened my desire to learn more. The dynamic learning environment, enriched by engaging lectures, excursions, workshops, and assignments, kept me motivated and eager to know more about the microbial world and the impact it had in our everyday life! The intensity of exams, coupled with various extracurricular activities, provided a holistic and invigorating experience.

St. Xavier's College has been a cornerstone in shaping my academic and personal journey. I am leaving with a heart full of gratitude for the unparalleled guidance, lifelong lessons, and cherished memories that have shaped me into who I am today. This journey has instilled in me a relentless curiosity and the confidence to embrace new opportunities with open arms.



Ms. Anisha Silveira, De Montfort University, Leicester, United Kingdom

## **DEPARTMENT OF CHEMISTRY**

**Our Vision:** To use the knowledge of Chemistry for the benefit of society and the conservation of the environment.

**Our Mission:** To ignite the spirit of inquiry, creativity, independent thinking and responsibility in our students and teachers.

## **History and Milestones of the Department**

The Department of Chemistry shares its year of inception with that of St. Xavier's College right from 1963 and was then affiliated to University of Bombay. From 1985 to present day it is affiliated to Goa University and has emerged as the largest and leading department and presently serving many undergraduate students.

It was the first to offer MSc in Physical Chemistry in the State of Goa under Goa University 2007 till date.

The department of Chemistry is a partner in DHE initiated Research Cluster with 03 Ph.D Research Scholars.

A Research Project was awarded to a faculty with a total funding of **Rs. 28,52,434/-**, funded by the Govt. of India, Science & Engineering Research Board, (**SERB**) bearing the project topic: Synthesis of Novel Indolopyrranocoumarins, Indolocarbazolocoumarins and Cytosinocoumarins and Study of their Antioxidant and Antiglycosidase Activity, (Period 2016-2019).

#### **Activities of the Department**

The department of Chemistry focuses on student's academic growth, character and exploring student's talents. Various pedagogical approaches are implemented to enhance learning like experiential learning, cooperative learning and inquiry based learning among others. Remedial classes and bridged courses are engaged to help students with learning difficulties.

A lot of activities are conducted by the department viz Industrial visits, Field Trips, Quiz competition, Educational Visits, Elocution competition, Workshops, Talks etc. Internships and Outstation educational visits are held to expose students to the world of work.

Certificate courses and Value-added courses are offered to students. Students have also registered for Swayam courses.

The department annually organizes the highly popular Festival of Innovation which provides platform for school, HSS and college students of other institutes to participate and display their talents. National Science Day is celebrated with students enthusiastically demonstrating experiments to school students.

Training for the TY BSc students for Entrance exams like the GU-ART exam is provided by the teachers of the department as well as ex-students.

Semester	Paper Code	Paper Title	Credits
I	Major-1	Fundamentals of Chemistry	(3T+1P)
	CHC-100		
	Minor	Basic Concepts in Chemistry	(4T)
	CHC-111	-	
	MC	Introduction to Chemistry	(3T)
	CHC-131	·	
	SEC-1	Water and Soil Analysis	(1T+2P)

	CHC-141		
	SEC-2	Skills in Qualitative Organic Analysis	(1T+2P)
	CHC-142	Skins in Quantative Organic Analysis	(11+21)
	SEC-3	Chemistry of Cosmetics and Perfumes	(1T+2P)
	CHC-143	Chemistry of Cosmetics and Ferrumes	(11+21)
		Systematic Chamistay I shoustowy Tashnisyas	(1T+2D)
	Exit Course	Systematic Chemistry Laboratory Techniques	(1T+3P)
77	CHE-161		(OT: 1D)
II	Major-1	Fundamentals of Chemistry	(3T+1P)
	CHC-100	D. I. G G.	(477)
	Minor	Basic Concepts in Chemistry	(4T)
	CHC-111		
	MC	Introduction to Chemistry	(3T)
	CHC-131		
	SEC-1	Water and Soil Analysis	(1T+2P)
	CHC-141		
	SEC-2	Skills in Qualitative Organic Analysis	(1T+2P)
	CHC-142		
	SEC-3	Chemistry of Cosmetics and Perfumes	(1T+2P)
	CHC-143		
	Exit Course	Systematic Chemistry Laboratory Techniques	(1T+3P)
	CHE-161		
III	Major-2	Concepts in Inorganic and Physical Chemistry	(3T+1P)
	CHC-200		
	Major-3	Concepts in Organic and Analytical Chemistry	(3T+1P)
	CHC-201		, ,
	Minor	Basic Industrial Chemistry	(4T)
	CHC-211	, and the second	` '
	MC	Environmental Sustainability: Natural Resources and	(3T)
	CHC-231	Human Ethics	,
	SEC	Mathematical Aspects and Computers in Chemistry	(1T+2P)
	CHC-241	The second secon	()
	SEC	Introductory Skills in Green Chemistry	(1T+2P)
	CHC-242	Sectory Similar in Green Chemistry	(11121)
	SEC	Drug Synthesis and Analysis	(1T+2P)
	CHC-243	214g 2 jimiosis and 1 marjois	(11121)
IV	Major-4	Organic Chemistry-I	(3T+1P)
1 V	CHC-202	Organic Chemisu y 1	(31+11)
	Major-5	Inorganic Chemistry-I	(3T+1P)
	CHC-203	morganic Chemistry-1	(31+11)
		Physical Chemistry-I	(3T+1D)
	Major-6 CHC-204	1 Hysical Chellishy-1	(3T+1P)
	-	Dharmacoutical Chamisters I	(2T)
	Major-7	Pharmaceutical Chemistry-I	(2T)
	CHC-205	Desire of Chamical Laborate Management	(2T : 1D)
	Minor	Basics of Chemical Laboratory Management	(3T+1P)
	VET -1		
	CHC-221		(4E 2=)
	Exit Course	Basic Techniques in Qualitative and Quantitative	(1T+3P)
	CHE-162	Analysis	

V	Major-8	Organic Chemistry-II	(3T+1P)
	CHC-300		,
	Major-9	Inorganic Chemistry-II	(3T+1P)
	CHC-301	,	,
	Major-10	Physical Chemistry-II	(3T+1P)
	CHC-302		
	Major-11	Green Chemistry Techniques	(2T)
	CHC-303		
	Minor	Chemistry of Food and Nutrients	(3T+1P)
	VET-2		
	CHC-321		
	Internship	Internship	(2)
	CHE-361		
VI	Major-12	Advanced Organic Chemistry-I	(3T+1P)
	CHC-304		
	Major-13	Advanced Inorganic Chemistry-I	(3T+1P)
	CHC-305		
	Major-14	Advanced Physical Chemistry-I	(3T+1P)
	CHC-306		
	Major-15	Project	(4)
	CHC-307		
	Minor	Instrumentation and Analysis	(3T+1P)
	VET-3		
	CHC-322		

## NOTE:

- 1) Only one Major or Minor Chemistry Course is to be selected in semester I or II.
- 2) Any one Minor Course is to be selected in each semester from semester III onwards.
- 3) Any one SEC Course is to be selected in semesters from I to III.

**Career Options:** A chemistry graduate can pursue their Masters Degree in Organic, Inorganic, Physical, Marine, Environmental and Geochemistry. Other diverse options available are B.Ed., LLB or MBA.

Post Graduates with intense scientific temper can take up Ph.D in their specialised subject or even in Molecular chemistry, Drug Chemistry, Computational Chemistry, Synthesis and Catalysis and Green Chemistry.

In the job market, chemists have an array of options to choose from. They are employed as Instrumental Analysts, Production Chemist, Perfumery Chemist, Medicinal Chemist, Pharmaceutical Chemist, Technical Officer. Jobs for Quality Control, Quality Assurance, Packaging, in the R & D of Drug development, Environmental chemists, Scientific writing and many more arenas are available.

## **Faculty:**

Ms. Kathleen C. Pinto (Head of the Department)

Prof. Tushar Anyekar

Ms. Janesline Fernandes

Ms. Edwina Pereira

Mr. Mahesh Nair

Ms. Sheryl D'Cruz

Dr. Andrew D'Souza

Dr. Johnross Albuquerque

Dr. Mira Parmekar

Dr. Rheane Da Silva

Ms. Milagrina D'Souza

Mr. Clarence Rodrigues

Department e-mail ID: ugchemsxc@gmail.com

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

Well, being a Xavierite is one of my best experiences in life. My journey here has helped me grow into a skilled and more better individual for tomorrow. My classmates and teachers have always motivated me, be it in academics or co-curricular activities. The environment at the department of chemistry has always been a conducive one, to do one's best. My time at Xavier's College would be the best time in the years to come. It has been an amazing and wonderful experience in my three years. I thank all my teachers for being my motivation to always do my best.



Ms. Saniya Sandesh Kovtankar M.Sc. student, Chemistry, Goa University

#### DEPARTMENT OF COMPUTER SCIENCE

Vision: Academic Excellence enhanced through Information and Communication Technology.

**Mission:** To provide a well-rounded, high quality educational environment in computer science and to instil in students the attitudes and values, that will prepare them for productive and challenging careers.

#### Brief history & milestones of the department

Established in 1994 with 10 computers, our first B.Sc. Computer Science graduates emerged in 1998. Today, we have facilities, including 2 fully equipped laboratories, Network Attached Storage (NAS), Smart Boards, uninterrupted power supply (UPS), and high-speed internet connectivity. The department provides access to Microsoft EduCloud solutions and popular

LINUX distributions, ensuring students are immersed in a modern, industry-relevant environment.

### Activities of the department

We provide a dynamic learning environment that prepares students for the evolving landscape of the IT industry. Our comprehensive approach blends rigorous academic training with practical, hands-on experiences, ensuring our graduates are not just knowledgeable, but also highly skilled and adaptable. Our successful alumni actively contribute as resource persons for hands-on sessions, providing invaluable real-world perspectives. We offer a diverse range of certificate value added courses covering essential technologies, including Web Technologies, Mobile Technologies, FIGMA, DevOps, Cloud computing, Data Science and the Internet of Things (IoT). We leverage modern learning tools like Microsoft Teams, videos, and MOOCs to enhance the learning experience and keep students abreast of the latest trends.

Students showcase their acquired skills and knowledge at our annual Student Symposium, fostering presentation and communication abilities. We conduct "Exabyte" our annual IT event, to give students at the college a platform to showcase their skills. We are committed to fostering digital literacy and awareness within the community. Our students actively participate in outreach programs, such as visiting schools to conduct sessions on cybersecurity, AI, and safe online searching. Our department publishes the "Compiler" e-newsletter, keeping students and stakeholders informed about departmental activities, achievements, and industry trends.

Papers offered (under NEP)

Semester	Paper Code	Paper Title	Credits
I	Major		
	CSA-100	Problem Solving and Programming	3T+1P
	Minor		
	CSC-111	Computer Software Fundamentals	4T
	SEC		
	CSC-142	Multimedia and Web Design	1T+2P
II	Major		
	CSA 100	Problem Solving and Programming	3T+1P
	Minor		
	CSC-114	Social Media Marketing	4T
	SEC		
	CSC-147	Graphical User Interface Design	1T+2P

Semester	Paper Code	Paper Title	Credits
III	Major		
	CSC-200	Programming using C++	3T+1P
	CSC-201	Mathematical Foundations of Computer Science	3T+1P
	Minor		
	CSC-212	Office Administration	3T+1P
	SEC		
	CSC-241	Mobile App Development	1T+2P
IV	Major		
	CSC-202	Data Structures and Algorithms	3T+1P

	CSC-203	Object Oriented Technologies	3T+1P
	CSC-204	Operating System	4T
	CSC-205	Operating System Lab	2P
	Minor		
	CSC-221	Introduction to Python Programming	3T+1P
V		introduction to 1 ython 1 rogramming	31+11
V	Major		4775
	CSC-300		4T
	CSC-301	Database Management System	3T +1P
	CSC-302		3T+1P
	GGG 202	Computer Networks	2P
	CSC-303	Compared 1 (CVII) of the	
		Software Engineering	
		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
		DBMS Lab	
	3.4:		
	Minor		
	CSC-321		3T+1P
		Python for Data Science	
371	N/-:	Ty then for 2 and 2 evenes	
VI	Major		
	CSC-304		3T+1P
	CSC-305	Cloud Computing	3T+1P
	CSC-306	Cloud Computing	3T+1P
	CSC-307	Foundations of Data Science	4P
		Toundations of Data Science	
		Software Quality Assurance	
		Software Quarity Assurance	
		Project	
	3.51	110/000	
	Minor		
	CSC-324		3T+1P
		R Programming for Data Science VET	
		K Flogramming for Data Science VE1	

NEP papers offered to other programmes

Semester	Paper Code	Paper Title	Credits
I	MC		
	CSC-131	Emerging Trends in Computers	3T
	SEC		
	CSC-143	Data Analytics using Spreadsheets -I	1T+2P
TT	MC		
II	CSC-135	Cyber Security Essentials	3T
	MC		
	CSC-148	Data Analytics using Spreadsheets -II	1T+2P
TTT	MC		
III	CSC-231	Web Designing	3T

# **Career Options**

The job prospects after completing this degree are numerous. Students graduating from this department are either pursuing their studies or are placed in software companies, academic institutions. Our graduates take up employment as Software

Engineers, Network Administrators, Consultants, Web Developers, Desktop Publishers, Data Analysts etc

### **Faculty**

Ms. Sandra Fernandes - Vice Principal

Mr. Edwin D'Souza (H.O.D)

Mr. Parmanand Mandrekar

Ms. Prajoti Chimulkar

Ms. Avani Kharde

Ms. Melissa Rodrigues

**Department Email-Id**: cs@xavierscollegegoa.ac.in

### **Testimonial of ex-student of the Department**



Ms. Siona Conceta Fernandes B.Sc Computer Science 2016-2019 Software Engineer Workspectation Technologies Pvt. Ltd (Workspex)

St. Xavier's College, Mapusa, had a huge impact on both my studies and career. The faculty, especially in the B.Sc Computer Science department, were super supportive and always made learning engaging. Beyond the regular curriculum, there were workshops, talks, and resources that helped us pick up new skills and stay updated with industry trends. These experiences played a big role in shaping our 3rd-year project, making sure it matched real-world market needs and gave us something practical to take into the workplace. The department also kept up with the latest industry technologies, helping us stay ahead and ready for the workforce. With great faculty, hands-on learning, and a focus on real-world applications, my time at St. Xavier's was truly worthwhile.

### **DEPARTMENT OF ENGLISH**

#### Vision

To appreciate diverse cultures and enhance life-skills through the study of language and literature.

#### Mission

To expose young minds to world cultures through literature in English and to refine communication skills for universal application.

#### **Brief History & Milestones of the Department**

Having gleaned rich linguistic spoils from diverse medieval Germanic tribes that settled in Britain, from the Roman and French invasions that followed, and from the subsequent wide sweep of the Commonwealth project, the English language as we know it today, remains the most dominant, powerful and popular instrument of Global communication in the 21<sup>st</sup> century.

Since its inception in 1963, the Department of English of St. Xavier's College, has played a vital role in the growth of this institution, under the scholarly mentorship of such stalwarts as Professors: Mr. Nadig, Ms. Anne Menezes, Mr. James Fernandes and Mr. Frederick David.

Currently steered by a dynamic faculty, the Department of English has moved on with the times. Its curriculum for the undergraduate students is carefully crafted to make them proficient communicators, as well as to refine their appreciation of good literature.

# **Activities/Publications of the Department**

The Department of English has been a force majeure in creating a unforgettable learning experience for English linguist and literature enthusiasts. Besides meeting the demands of the syllabus, the Department of English has been dynamic in striving relentlessly to foster activities which encourage independent thinking and creating well rounded personalities.

*Eloquence* is the annual newsletter, which gives the students a platform to nurture creative skills. Reports, diary entries, poems, essays, and captivating moments are reflected in this newsletter. The creative talents are enhanced by contributing to local dailies, college newsletters and editing the in-house news bulletin. Students also take up magazine internships.

The Department organizes study trips and visits to literary and cultural festivals. It encourages students to organize and participate in National and International seminars, public speaking sessions, elocution, discussions, debates, drama, etc. Some activities undertaken are WordsUp, Class Act, Pop up Bazaar, Blogging and Digital Story Telling workshops.

#### **Courses Offered**

Semester	Category	Paper Code and Title	Number of Credits
I	AEC	ENG 151 Communicative English: Spoken and Written	2
	Major	ENG 100 Introduction to English Literature	4
	Minor	ENG 111 Science Fiction in English	4
	SEC (Arts)	ENG 141 Soft Skills	3
	SEC(Commerce)	ENG 143 English for Competitive Examinations	3

	VAC (Science)	VAC 108 Introduction to the Folktales of India	2
	VAC (Arts)	VAC 108 Introduction to the Folktales of India	
II	AEC	ENG 152 Digital Content Creation in English	2
	Major	ENG 100 Introduction to English Literature	4
	Minor	ENG 111 Science Fiction in English	4
	SEC (Arts)	ENG 141 Soft Skills	3
	SEC(Commerce)	ENG 143 English for Competitive Examinations	3
	VAC (Science)	VAC 108 Introduction to the Folktales of India	2
	VAC (Arts)	VAC 108 Introduction to the Folktales of India	2
III	AEC	Eng 251 Functional English I Communicative English 1.1	2
	Major	ENG 200 British Literature: 14 <sup>th</sup> to17 <sup>th</sup> Century	4
	Major	ajor ENG 201 Goan Literature in English Translation	
	Minor	ENG 211 World Literatures	4
	SEC	ENG 241 Learning English Language through Literature	4
IV	AEC	ENG 252 Functional English II Communicative English 1.2	2
	Major	ENG 202 British Literature: 18 <sup>th</sup> and 19 <sup>th</sup> Century	4
	Major	ENG 203 Ecology and Literature	4
	Major	ENG 204 Diasporic Goan Literature	
	Major	ENG 205 Dalit Literature	2
	Minor	ENG 221 News Reporting and Editing	4
V	Major	ENG 301 Modern European Drama	4
	Major	ENG 302 British Literature: Early 20 <sup>th</sup> Century	4

	Major	END 300 Literary Criticism: From the Classical to the Modern			
	Major	Translation			
	Minor				
VI	Major	ENG 304 Postcolonial Literatures	4		
	Major	ENG 305 Women's Writing	4		
	Major	ENG 306 Popular Literature	4		
	Major	ENG 307 Project	4		
	Minor	ENG322 The Mechanics of Print and Digital Writing	4		

### **Career Options**

The job prospects for students of English Literature are vast and bright, in a booming media world. Since literature is all-encompassing, a student of Literature naturally acquires knowledge of various other disciplines giving the learner an edge in the job market. In fact, many commercial concerns stipulate graduation in literature as their criteria for job selection at the national and international level. Opportunities await students in Research, Teaching, Translation Studies,the Civil Services,Secretarial correspondence, Networking, working at Call Centres, Journalism, Content Writing, working in Copywriting, Advertising, Public Relations, Radio and Television, Documentaries and Film Scripting, Theatre, Publishing, Social Media Specialist, Content Writing, Blogging, Vlogging, Travel Writing, among others.

#### **Faculty**

Dr. Prema Angela Rocha (HOD)

Ms. Alice B. D'Cruz

Ms. Sunita Mesquita

Dr. Maria Claudette Gomes

Ms. Shirlene P. Fernandes

Mr. Aaron Paul Fernandes

### **Department contact details**

Email ID: departmentofenglishsxcgoa@gmail.com

Social media handles https://facebook.com/groups/199386096763546/

https://instagram.com/dept of english.sxc.goa

**Testimonial of ex-student of the Department** 

My time as part of the Department of English at St. Xavier's College was truly special. It is here that my love for language and literature was kindled and deepened. The department offered so many opportunities to explore literature in the classroom and beyond, and I found myself growing not just academically, but personally as well.

From participating in literary events across the state like Pegasus and Notewordy to organising some of the most incomparable ones, such as *Lit Quiz* - an intra-departmental quiz competition, and my personal favorite, WordsUp- a state level inter-collegiate competition that has currently seen its 6th edition. My experience as one of the cocoordinators of WordsUp 5.0 and an editor for two editions of the annual departmental newsletter- Eloquence revealed to me the immense creative talent within the members of the department. It also organised trips to literary festivals like the Bangalore Literature Festival (BLF) and the Goa Arts and Literature Festival (GALF). I'm grateful for these experiences, as they helped shape my understanding and appreciation of the subject. What made the department truly special was its experienced and supportive faculty members. The environment was always supportive, and I felt like I could truly thrive there.

Looking back, I realise how much the department has influenced me. It's not just about the knowledge I gained, but also the confidence and curiosity it instilled in me. I'll always be grateful for the time I spent there and extremely proud to be a Xavierite!



Janice Matilda Noronha

#### **DEPARTMENT OF KONKANI**

**Vision :** To nurture appreciation for Konkani language and culture while fostering holistic development, guiding students to face life positively and contribute meaningfully to society.

**Mission :** To equip students with comprehensive skills in reading, writing, and speaking Konkani, while fostering a deep connection to the culture and heritage of the language. We aim to enhance critical thinking, promote effective communication, and empower students to engage with both local and global communities through the Konkani language.

### **Brief history & milestones of the department:**

The Department of Konkani established in the year 1991 offering three units and later in the year 2004 Department offered six units for the students. Currently under CBCS Department offers General and Honour courses. Also implemented NEP structure.

### **Activities of the department:**

- 1. Organising special Wikipedia training workshop.
- 2. Organising Special Study trips / study tours.
- 3. Organising Regular Devnagari typing course.
- 4. Organising seminars, workshops, Guest lectures.
- 5. Visits to Konkani institutions and Konkani writers.
- 6. Organising basic Konkani learning course.

### Papers offered:

Semester	Paper Code	Paper title	Credits
I	KON 111	Minor : Konkani Vinodhi nibandha	4
	KON 100	Major : Konkani katha parichay	4
	KON 141	SEC : Mahitipat lekhan ani nirmiti prakriya	3
II	KON 111	Minor : Konkani Vinodhi Nibandh	4
	KON 100	Major : onkani Katha Parichay	4
	KON 142	SEC : Sutrasanchalan Prakriya	3
III	KON 200	Major – 1 : Natak : Siddhant ani upayojan	4
	KON 201	Major - 2 : Prasar madhama khatir lekhan	4
	KON 211	Minor	4
	KON 251	AEC : Sambhaxan Kauxallya	2
	KON 241	SEC : Karyavall vevsthapan kauxallya	3
IV	KON 202	Major – 1 : Kavita : Sid'dhant ani Upayojan	4
	KON 203	Major – 2 : Konkani Tiatr: Sid'dhant ani Upayojan	4
	KON 204	Major – 3: Konkani nemalyancho itihas	4

	KON 205	Major – 4 : onkanitale Balsahitya	2
	KON 221	VET: Konkanicho sanganakiya vapar	4
	KON 252	AEC : Konkani Bhaxeche mullave ginyan	2
V	KON 300	Major – 1 : Konkani bhaxecho ugam ani udargat	4
	KON 301	Major – 2 : Konkani kathetale pravah	4
	KON 302	Major – 3 : Konkanicho vyakranik abhyas	4
	KON 303	Major – 4 : Konkanitale lalitetar sahitya	4
	KON 321	Minor – 1 : Electronic patrakarita	4
VI	KON 304	Major – 1 : Purvillya Konkani sahityacho itihas	4
	KON 305	Major – 2 : Konkani bolincho abhyas	4
	KON 306	Major – 3 : Konkani kadambarecho abhyas	4
	KON 303	Major – 4 : Project	4
	KON 322	Minor – 1: Praxasakiya vevharantali Konkani	4

## **Career options:**

With Konkani being the official language of Goa and recognized in several sectors, graduates specializing in Konkani have numerous unique career opportunities. They can pursue teaching roles in schools, colleges, and language institutes or work as translators and interpreters, translating official documents, books, and media between Konkani and other languages. Journalism and media offer roles such as newsreaders, anchors, radio jockeys, and content creators for Konkani TV channels, radio, and online platforms. Cultural preservation is another key area, with opportunities to work with cultural organizations to promote and protect Konkani heritage through festivals, exhibitions, and literary meets. Literature and writing careers also flourish, with opportunities for authors, poets, and researchers specializing in Konkani literature.

In the performing arts, graduates can explore acting, scriptwriting, and directing plays and films in Konkani. Government roles requiring Konkani proficiency are available in departments like cultural affairs and tourism. Additionally, the tourism and hospitality sector offers positions as local guides, cultural liaisons, and language experts, supporting Goa's thriving tourism industry. Graduates can also work in radio and TV production, creating content for Konkani audiences across various media platforms.

#### **Faculty:**

- 1. Mr. Dharma Chodankar [HOD]
- 2. Mr. Silvester Vaz
- 3. Dr. (Fr.) Luis Xavier Gomes

Dept. Email id: Konkani@xavierscollegegoa.ac.in

### Testimonial of ex-student of the department with photograph (TY Batch 2023 – 24):

St Xaviers Alma mater, to you I'll always adore." St Xavier's was not only an institution but gave me a family. The teachers as my parents and the students as my siblings. My heartfelt appreciation and admiration for St Xaviers College mapusa. My time at this esteemed institution has been truly transformative, and I feel fortunate to have been a part of this vibrant community. The faculty and staff were exceptional in their dedication and passion for teaching. They have not only imparted knowledge but also inspired me to think critically, creatively, and innovatively by giving me chance to act in tiatrs, participate in competitions and games, teaching me good values and giving me a formation of how to be a good human being. Apart from the syllabus the extra caricular activities which formed me to be someone in the future. The foundation of what I am today. The campus environment was welcoming, inclusive, and conducive to learning. The facilities, infrastructure, and resources are top-notch, and the support services are always available to help students succeed. Overall, I am deeply grateful for the education, experiences, and memories I've gained at here. I firmly believe that this institution has provided me with the ideal foundation to achieve my aspirations and make a positive impact in the world.



Slifon Simoes - Pursuing MA in Goa University

Thank you, St Xaviers, for an unforgettable journey!

#### **DEPARTMENTAL OF MARATHI**

Vision: To make students aware of the rich heritage of Marathi language and literature.

**Mission:** To create interest in young mind for learning Marathi language and literature and build overall confidence among them, enhancing their way of thinking to live creative lives.

#### **Brief History and Milestones:**

Department of Marathi of St. Xavier's College started in 1965 and has achieved many milestones through its building capability into Students. There are number of awards and glory achieved by the college through hard work and strategies of this department. Every year Marathi department enthusiastically directs One-act plays for state level competition organized by Kala Academy, Panaji and our students frequently win a prize in this. Some of our prize winning one act plays are 'Bhinta', 'Partners', 'Soft corner', 'Artificial Intelligence', 'Mercia' 'Chafi.' etc

Every Year Marathi department celebrates World Marathi language day to commemorate Jnanpith Award winning writer Vishnu Vaman Shirwadkar.

**Activities** / **Publications of the Department:** Department of Marathi organizes various collegiate level activities for the students. Besides teaching language and literature, it develops writing skills among them to develop creative writing. The department organizes various competitions e.g., Essay Writing, Poetry writing, elocution competition. Our students actively participate in allocution, theatre and other form of Art which deliberately develops overall confidence among them. Every Year the Department publishes its newsletter 'Disha' on 27<sup>th</sup> February on the occasion of Marathi Day. Marathi department of St. Xaviers College also organizes National Seminar, Departmental Field Trip & Study Tour for Students every year.

# 1. Papers Offered:

Semester	Category	Paper Title Code	Credits
I	MAJOR	MAR 100 : In the Paradise of Marathi Story	04
	MINOR	MAR 111: Goan Folk Culture & Folk Tradition	04
	SEC	MAR 141 : Communication skill : compering	03
II	MAJOR	Mar 100: In the Paradise of Marathi story	04
	MINOR	MAR 112 : One Act Play : A form of Literature	04
	SEC	MAR 142: Film Appreciation	03
III	MAJOR I	MAR 200: Poetry: A Form of literature	04
	MAJOR II	MAR 201 : TRAVELOGUE : A Form of Literature	04
	MINOR	MAR 211 : Proof Reading & editing skills	04

	AECC	MAR 251 :	02
	TILLEC		02
		Personality Development	
IV	MAJOR I	MAR 202 :	04
		MARATHI GRAMMER	
	MAJOR II	MAR 203 :	04
		POETICS	
	MAJOR III	MAR 204 :	02
		Character sketch	
	MAJOR IV	MAR 205 :	04
		Goan Freedom Struggle & Marathi Literature	
	MINOR	MAR 221 :	04
	VET	Writing Skills for Media	
	AECC	MAR 252 : BOOK REVIEW	02
V	MAJOR	MAR 300 :	04
		Ancient History of Marathi Literature beginning till 1650	
	MAJOR	MAR 301: Rasa Theory and poetic Appreciation	04
	MAJOR	MAR 302 : Pre – Liberation Goan Magazines	02
	MAJOR	MAR 303 : Marathi Literature Post 1960 period	04
	MINOR	MAR 321: Dialogues & screenplay Writing	04
VI	MAJOR	MAR 304 : Ancient History Of Marathi Literature 1650 to 1818	04
	MAJOR	MAR 305 : Autobiography : A Form of Literature	04
	MAJOR	MAR 306: Literary Criticism	04

MAJOR	MAR 307 : PROJECT	04
MINOR	MAR 322: Marathi Writing for Web	04

**Career Option:** The faculty guide students to choose right field and become successful in professional life. Students of Marathi opt for teaching field, journalism, translation etc. Most of the students choose higher studies for better opportunities across states. After qualifying NET/ SET they get appointed as an Assistant professor in the degree colleges.

### **Faculty list:**

Dr. Vrunda Kelkar - HOD Associate Professor

Dr. Apurva Betkekar – Assistant Professor

Dr. Prachi Joshi - Assistant Professor

Department Email Id: Marathi@xavierscollegegoa.ac.in

## **Testimonial of ex – Students of the department:**

Pursuing a B.A. in Marathi at Xavier's College has truly been one of the best decisions of my life. The college offers a dynamic and engaging learning environment, where not only academic excellence is prioritized, but also personal growth. The faculty members are highly knowledgeable and supportive, fostering a classroom atmosphere that encourages curiosity and critical thinking. The curriculum is thoughtfully designed, providing a solid foundation in Marathi literature and language while also perspectives. modern integrating Moreover, the college's vibrant campus life and extracurricular activities have allowed me to explore my interests beyond academics. Xavier's College has shaped me into a well-rounded individual, and I am incredibly grateful for the experiences and opportunities that have come my way throughout this journey.



Ms. Sanjana Naik

# **DEPARTMENT OF HINDI**

# Vision

Personal & social enrichment through the study of language & Literature

# Mission

To develop reading habit and Language skills, spirit of humanism, love, and pride of our official language Hindi.

# **Papers Offered**

Semester	Category	Paper Code and Course Title	Credit
1	Major	HIN-100 Hindi Kahani Sahitya: Parichayatmak Adhyayan	4
	Minor	HIN-111 Hindi Natya Sahitya: Parichayatmak Adhyayan	4
	Sec	HIN-141 Vruttachitra Lekhan Evam Nirmaan	1T+2P
2	Major	HIN-100 Hindi Kahani Sahitya: Parichayatmak Adhyayan	4
	Minor	HIN-111 Hindi Natya Sahitya: Parichayatmak Adhyayan	4
	Sec	HIN-142 Samachar Lekhan Evam Prastutikaran	1T+2P
	EXT	HIN- 161 Devnagari Typing	4
3	Major	HIN- 200 Hindi Gadya: Katha Sahitya Evam Ekanki	4
	Major	HIN-201 Hindi Kavya 1960 Tak	4
	Minor	HIN-211 Hindi Geet Aur Gazal	4
	AEC	HIN-251 Sampreshan Kaushal	2
	SEC	HIN-241 Anuvaad	1T+2p
	Major	HIN-202 Sathottari Hindi Kavya	4
4	Major	HIN-203 Rachanakaar ka Vishesh Adhyayan:Bhishm Sahnani	4

	Major	HIN-204 Lok sahitya	4
	Major	HIN-205 Hindi Nibandh	2
	Minor	HIN-221 Prayojanmoolak Hindi	3T+1P
	AEC	HIN-252 Sambhashan Kala	2
	EXT	HIN-261 Sutrasanchalan	4
5	Major	HIN-300 Hindi Sahitya Ka Itihaas: Aadikaal Se Ritikaal	4
	Major	HIN- 301 Asmitamoolak Vimarsh	4
	Major	HIN- 302 Rachnatmak Lekhan	4
	Major	HIN-303 Hindi Aatmakatha Sahitya	2
	Minor	HIN-321 Jansanchar Evam Patrakarita	3T+1P
6	Major	HIN 304 Hindi Sahitya Ka Itihaas: Aadhunik Kaal	4
	Major	HIN 305 Bhartiya Sahitya	4
	Major	HIN 306 Sahitya: Vichar Evam Darshan	4
	Major	HIN 307 Prakalp Karya	4
	Minor	HIN 322 Sahitya Aur Cinema	3T+1P

# **Career options**

Students completing their higher education in Hindi have job prospect as writers, teachers, translator, Hindi officer in government offices, insurance services, Banks, Business firms etc. They also have job opportunities in the field of performing arts like theatre, television, cinema, and journalism in print and electronic media.

### **Faculty**:

Dr. Magdalene D'Souza (HOD)

Dr. Ramita Gurav (Associate Professor)

Mr. Salim Gaded (Assistant Professor)

Department Email Id: <u>Hindi@xavierscollegegoa.ac.in</u>

### **Testimonial of ex-student of the Department:**

To be a part of Xavier's was itself a blessing for me, and learning Hindi and completing my BA Honors in Hindi from the Hindi Department was one of my best decisions. The Hindi Department at Xavier's has been a constant source of inspiration for me. It provided me with many opportunities to shape my abilities. It not only enhanced my vocabulary but also improved my writing skills. I am grateful to all my lovely teachers in the Hindi Department for imparting knowledge and helping me improve my Hindi grammar, and for providing guidance at every step when I felt weak. I enjoyed the informative study tours and field trips organized by the department, which helped me socialize with people. Taking part in various activities and competitions such as poetry writing, singing, and comparing during the 'Hindi Diwas' celebration was one of my favorite things throughout my bachelor's. It strengthened my love for Hindi. I feel the Hindi Department is one of the most amazing departments at Xavier's!!



Mansi Prabhu Gaonkar

#### **DEPARTMENT OF PORTUGUESE**

#### Visão

Apreciando culturas e melhorando as qualidades da vida através da linguagem e da literature. (Appreciating cultures and improving the qualities of life through language and literature.)

#### Missão

Expondo as mentes dos jovens ao mundo das culturas através da competência linguística. (Exposing young minds to the world of cultures through language skills)

#### **Papers Offered**

Class	Semester	Category	Paper Code	Paper Title	
FYBA	I	Major	POR-100	Portuguese language & culture in the world	

	I	Minor	POR-111	Portuguese for beginners
	I	SEC	POR-141	Conversational Portuguese for travel & tourism
	I	MC	POR-131	Portugal, through the Centuries
FYBA	II	Major	POR-100	Portuguese language & culture in the world
	II	Minor	POR-111	Portuguese for beginners
	II	MC	POR-131	Portugal, through the Centuries
	II	SEC	POR-141	Conversational Portuguese for travel & tourism

### **Career Options**

The advantages of learning the Portuguese Language are many, such as opportunities in the field of Management, Information Technology, Translations, Hospitality, Travel and Tourism, Entertainment, Historical Research, Archives, Business, Teaching, Commerce and other allied areas.

### **Testimonial of Student**

I joined Xavier's College for Portuguese, no other college, near, was providing Portuguese paper. Having studied in Xavier's for 3 years of Bachelors of Arts, was a wonderful experience. There were various events held; no students were being judged in relation to caste or religion - treated us equal. The teachers were wonderful, they were kind to the students and they would help if any difficulties faced by the student (studies or personal). Only disadvantage was that there was no Portuguese in Third year, and had to take another paper, I would like that to change. Currently I am studying Masters in Portuguese, Goa University. Goal for choosing Portuguese is to be a professor, due to lack of Portuguese teachers in Goa and to the language alive in Goa.



Suzie Vaz MA Portuguese Teacher in Don Bosco High School

#### **DEPARTMENT OF POLITICAL SCIENCE**

**Vision:** Educating for political consciousness towards enlightened citizenship.

**Mission:** To mould students into disciplined citizens with a deep respect for democratic institutions and values.

#### **History and Milestones of the Department**

The Department of Political Science was established in 1963. However, it was discontinued in 1977 and later reintroduced in 1993. Since then, the department has been actively functioning, attracting a growing number of students to the discipline.

In the academic year 2019-2020, the department introduced the B.A. Honours in Political Science, along with the existing B.A. General program. Under NEP 2020, from academic year 2023-2024, the department offers Single Major Honours in Political Science along with Double Majors Honours with History, Economics, Philosophy, Konkani and Marathi.

The department emphasizes on interactive and student-oriented teaching methods, ensuring an engaging learning experience. Third-year students are guided through research projects that focus on public institutions and policies. Over the years, the student strength in the Honours program has been steadily increasing, reflecting a strong interest in the subject.

The faculty of the department have been awarded two Minor research projects in the academic year 2022-2023 by GIPARD and the D. D. Kosambi Post-Doctoral research fellowship for the years 2021-2022 and 2022-2023.

#### **Activities of the Department**

The department fosters a dynamic learning environment, where students can integrate theoretical concepts with practical applications through a range of engaging Co-curricular programs. These include Certificate courses, guest lectures, seminars, and research paper presentations to enhance academic engagement. Workshops and field visits to institutions such as the Goa Legislative Assembly, Raj Bhavan, Goa University, INS Kadamba Naval Base, museums, panchayats, courts, and jails, offering insights into the practical aspects of Political Science. Participation in national and state level inter-collegiate competitions, allowing students to showcase their knowledge and skills. Through these initiatives, the department continues to foster critical thinking, analytical skills, and a deeper understanding of political systems, preparing students for diverse career paths in governance, public administration, law, and academia.

#### **Courses Offered under NEP:**

Semester	Paper Code	Paper Title	Credits
I	Major POL 100	Introduction to Political Theory	4
	Minor POL 111	Basic Concepts in Political Science	4

	MC POL 131	Contemporary Issues in India	3
	VAC VAC 104	Constitutional Values and Obligations	2
	SEC POL141	Leadership Skills in Politics	3
II	Major POL 100	Introduction to Political Theory	4
	Minor POL 111	Basic Concepts in Political Science	4
	MC POL 132	Introduction to Human Rights	3
	VAC VAC 104	Constitutional Values and Obligations	2
	SEC POL 142	Introduction to Political Reporting	3
	Exit Course POL 161	Political Communication	4
III	Major-1 POL 200	Indian Constitution	4
	Major-2 POL 201	International Relations	4
	Minor POL 211	Political and Social Issues in India	4
	MC POL 23I	Contemporary Global Issues	3
	SEC POL 241	Local Self Governments in Goa	3
IV	Major-1 POL 202	Public Administration	4
	Major-2 POL 203	Government and Politics in Goa	4
	Major-3 POL 204	Gender and Women Empowerment	4
	Major-4 POL 205	Politics in Digital Age	2
	Minor/VET POL 221	Community Engagement and Political Participation	4
	Exit Course POL 261	Political Management and Advocacy	4
V	Major-1 POL 300	India's Defence & Security	4
	Major-2 POL 301	Comparative Government & Politics	4
	Major-3 POL 302	Indian Political Thinkers	4
	Major-4 POL 303	People's Movements in Goa	2

	Minor (VET)	Democracy & Legal Literacy in India	4
	POL 322		
VI	Major-1 POL 304	Western Political Thinkers	4
		T 1' A 1 ' ' / / / '	4
	Major-2	Indian Administration	4
	POL 305		
	Major-3	India's Foreign Policy	4
	POL 306	į,	
	Major-4	Project	4
	POL 307	, and the second	
	Minor	Urban Governance & Appraisal	4
	(VET)		
	POL 323		

### **Career Options:**

The subject exposes the students to diverse areas of political theory and practice, directly addressing the pressing contemporary societal and political concerns. Students of Political Science develop analytical expertise in democracy, governance, public administration, political philosophy and foreign relations. Graduates in Political Science are well prepared for careers in law, research, teaching, public administration, civil services, social work, diplomacy, media & journalism, and non-governmental organisations. Those interested in higher studies can pursue postgraduate programs at Goa University, particularly at D.D. Kosambi School of Social Sciences and Behavioural Studies, Manohar Parrikar School of Law, Governance & Public Policy, and School of International Relations and Area Studies.

#### **Faculty Members:**

Ms. Tricia Vaz e Borges (HOD)

Mr. Prasad Naik

Ms. Richa E. Kajoli

Mr. Vijay Talwar

Mr. Anthony F. Lobo

Ms. Priyanka Chandelkar

**Department e-mail ID:** politicalscience@xavierscollegegoa.ac.in

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

My years at Xavier's were truly a memorable and	
phenomenal experience. Opting for Political Science as my	<b>Brett Joseph Colaco</b>
core subject in the first year, along with Sociology and	
Economics, I became deeply engrossed and in awe of the	
former. Prasad Sir, with his in-depth knowledge of Political	
Theory and Indian Political Thought, amazed and fascinated	

us with the numerous layers and interdisciplinary aspects of Political Science as a field. He is one of the key reasons I was inspired to pursue the Political Science Honours programme in the final year, thanks to his unique approach to the discipline. Similarly, Tricia Ma'am, who taught us Indian Constitution and Politics in the second year and later Western Political Thought and Government and Politics of Goa, kept us engaged with her extensive knowledge of the field, her high-spirited personality, and her captivating lectures. Anthony Sir also provided us with a broad spectrum of knowledge in International Relations and India's Foreign Policy, which was immensely interesting.

It is worth mentioning that the memories of the third year will always remain special to me for the stressful and, at times, tiring yet rewarding experience of working on the research project under the mentorship of Sir Prasad. I will also cherish the strong bond made within our fun and dynamic batch, along with the vibrant personalities of our professors, whose passionate efforts to impart a variety of knowledge beyond just the prescribed syllabus, such as life values and current affairs have been incredibly valuable to me even now. Additionally, the department organised incredibly fun and enriching field trips and class activities that made us feel like one big family. The department truly became a second home and family to us during our time at Xavier's. I will never forget the love and guidance they showered upon me, and I only wish we could give it back.



#### **DEPARTMENT OF HISTORY**

**Vision:** Training Students of History to think and not what to think.

Mission: Objectivity of Study, Promoting Brotherhood and Mutual Respect.

## **History and Milestones of the Department**

Founded in 1963, presently the department offers courses in History prescribed by the Board of Studies in History under Goa University, under NEP 2020. The study of various courses is done using different approaches including, role-plays, class presentations, competitions, guest speakers, inter-institutional events etc. The performance of students at the Final Year University Examination has consistently been good. Students of History have successfully ventured into challenging careers in Mass Media, Journalism, Law, Government posts and Teaching at different levels.

#### **Activities of the Department**

The department offered Certificate Course in Research and Academic Integrity, Collaborated with the *Goenchi Asmitai*, *Cell*, Campus Greening initiatives, Social Outreach: Kilo Campaign,

Celebration of National days, Guest visits, Alumni Motivation sessions, Workshop on History and Archaeology, Collaborative sessions/ activity with GHAG (Goa Heritage Action Group) and Mario Miranda Chair for Fine Arts, Goa University.

#### **Courses Offered under NEP:**

Semester	Paper Code	Paper Title	Credits
I	Major HIS-100	History of Goa (From Early Times to Liberation)	4
	Minor HIS-111	Resistance to Colonial Rule in Goa	4
	MC HIS-131	Indigenous Heritage of Goa	3
II	Major HIS-100	History of Goa (From Early Times to Liberation)	4
	Minor HIS-112	Goa Since Liberation	4
	MC HIS- 32	Women in Goan History	3
III	Major-1 HIS-200	History of India (From Earliest Times to 8th Century CE)	4
	Minor HIS-221	History of Food Culture in India.	4
	MC HIS-231	History of Ecology and Environment in India	3
IV	Major-1 HIS-202	History of India (1206-1707CE)	4
	Major-2 HIS-204	India's Struggle for Freedom (1857-1947)	4
	Major-3 HIS-205	Ancient Civilizations: Egypt and Greece (Earliest	2
	Minor/VET HIS-221	Times to 500 CE) Heritage Tourism in India (VET)	3T+1P
V	Major-1 HIS-300	Rise of the Modern West	4
	Major-2 HIS-302	India Since Independence (1947-2000)	4
	Major-3 HIS-303	Historical Method	2
VI	Major-1 HIS-304	History of Modern Europe(1815-1945)	4
	Major -2 HIS-305	Contemporary World	4
	Minor HIS-332	Studying Films representing History(VET)	3T +1P
	HIS- 307	Project Paper	2

#### **Career Options:**

Teacher/Professor, Researcher, Archivist, Curator, Travel Writing and Adventure Journalism, Tourism, Librarian, Historical Consultant, Mass Media, Law, Civil Services, Environmental Preservation and Sustainability, Heritage Management, Heritage Consultant, Genealogist and Museum Educator.

### **Faculty Members:**

Ms. Pamela Fernandes (HOD)

Dr. Sharmila Pais

Department e-mail ID: History@xavierscollegegoa.ac.in

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

My time at St. Xavier's was truly transformative. As a graduate	
in English and History, I had the privilege of learning from	
inspiring professors of the Departments of History and English.	

Their guidance not only deepened my academic knowledge but also fostered critical thinking and creativity. I am especially grateful to the teachers of the history Department for giving me the opportunity to serve as Vice President of the *Goenchi Asmitai* Cell, in my final year.

The vibrant campus life made studying a rewarding experience. I thoroughly enjoyed participating in and organizing various events especially *Goenchi Asmitai*, which provided opportunities to forge new friendships and expand my knowledge making my College journey unforgettable. Thanks to the career guidance opportunities offered, I secured a seat at the Nirmala Institute of Education through History Methodology and am now pursuing a Bachelors of Education in History and English. I am forever grateful to St. Xavier's for shaping my future and I highly recommend it to anyone seeking quality education and personal growth.



Daniella Miriam De Souza

## **DEPARTMENT OF ECONOMICS**

Vision: Empowerment of students of economics to become resourceful contributors to the economy.

**Mission:** To expose students to economic concepts and trends, and encourage them to be resourceful citizens.

### **History and Milestones of the Department**

The Department was established since the inception of the college in 1963.

**Activities of the Department:** The students are encouraged to do internships and take part in different competitions. The Teachers prepare students for GUART examinations. The department organizes field trips for students to places like Ela Farm and GIPARD. The Department engaged in a paper bag-making and distributing them to the vendors.

# **Courses Offered under NEP:**

Semester	Paper Code	Paper Title	Credits
I	Major	Introduction to Economics	4
	ECO-100		
	Minor	Political Economy	4
	ECO -111		
	SEC	Data Analysis 1	3
Arts	ECO-141		
I	MC	Sustainable Development	3
Commerce	ECO-131		
II	Major	Introduction to Economics	4
	ECO-100		
	Minor	Political Economy	4

	ECO -111		
	SEC	Data Analysis 1	3
Arts	ECO-141		
II	MC	Globalization	3
Commerce	ECO-132		
III	Major-1	Microeconomics I	4
	ECO-200		
	Minor	Primary Survey and Analysis	4
	ECO-211		
	SEC	Data Analysis III	3
Arts	ECO-241		
III	Major-2	Public Economics	4
Commerce	COM-200		
IV	Major-1	Microeconomics II	4
	ECO-202		
	Major-2	Macroeconomics II	4
	ECO-203		
	Major-3	Development Economics I	2
	ECO-205		
	Minor/VET	Decision Making with Spreadsheets I	4
Arts	ECO-221		
IV	Major-4	Fundamentals of Macroeconomics for Business	4
Commerce	COM-202		
V	Major-1	Basic Statistics	4
	ECO-300		
	Major-2	Public Finance	4
	ECO-301		
	Major-3	Development Economics II	2
	ECO-303		
Arts	Minor	Decision Making with Spreadsheets II	4
	ECO-321	Indian Communication	4
V	Major-4	Indian Economy	4
Commerce	COM-300	International Economics	1
VI	Major-1	international Economics	4
	ECO-306 ECO-307	Project	4
	Minor	Project Basic Econometrics for Social Sciences	4
Arts	ECO-323	Dasic Economicules for Social Sciences	4
VI	Major-3	International Economics	4
Commerce	COM-304	international Economics	4
Commerce	COM-204		

# **Career Options**:

Job prospects for a graduate in Economics include Banking, Teaching, Business Correspondence, IAS, Legal Professions, Public Administration, Hospitality, Financial Analysis, Data Analysis, Insurance, and Journalism among others.

# **Faculty Members:**

Ms. Gema Ataide (H.O.D)

Prof. (Dr.) Blanche Mascarenhas

Ms. Jacqueline Monteiro

Ms. Ana Andrade e Souza

Ms. Averyl Pires.

**Department e-mail ID:** Economics@xavierscollegegoa.ac.in

### Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

I sincerely appreciate St. Xavier's College's Economics department for giving me an excellent educational experience while managing the demands of being an NCC cadet. Even though I was away for multiple NCC camps throughout the year, my professors' encouragement and support were crucial. Their understanding, adaptability, and entertaining teaching strategies made it possible for me to stay up to date with the assignments. My capacity to succeed under the direction of such committed teachers and the department's excellent caliber of instruction were demonstrated by my achievement of the highest grades at the Semester 6 final exam.



Mr. Meldon Fernandes

### **DEPARTMENT OF SOCIOLOGY**

#### Vision

Formation of socially pro-active citizens

#### Mission

To create awareness on social issues; to develop interest in social concerns; to inculcate human values and sensitivity to social problems; and to mould wholesome personalities.

### **Career options**

The skills obtained at the undergraduate level help the students, move on to postgraduate programmes such as sociology, social work, human resource management, development studies, law, teacher training, etc. The Department focuses on the all-round development of its students including the development of a high EQ and requisite skills that equip them not only for an academic career in sociology but also to advance into professional fields of law, journalism, civil services, the corporate sector, social welfare, and others.

# **Faculty**

Prof. (Dr.) Afonso Manuel Botelho (HOD)

Ms. Sayed Rizwana Parveen Ms. Freda Tavares

Ms. Elizabeth Bara

Email ID: Sociology@xavierscollegegoa.ac.in

# Papers offered

Semester	Paper Code	Paper Title Credits	
I	SOC 100	Invitation to Sociology	4
	SOC 111	Crime and Society	4
	SOC 131	Gender Studies – An Introduction (3)	3
	SOC 141	Tourists, Tourism and Tourist Guides	1T+2P
II	SOC 112	Religion and Society	4
	SOC 132	Health and Society	3
	SOC 100	Invitation to Sociology	4
	SOC 142	Ethnographic Skills	1T+2P
III	SOC-200	Society in India	4
	SOC-201	Social Concerns in India	4
	SOC-211	Juvenile Delinquency	4
	SOC -231	Youth and Social Institutions 3	
	SOC-241	Academic Writing 1T+2P	
IV	SOC-202	Understanding Goa	4
	SOC-203	Sociology of Social Conflict	4
	SOC-204	Gender and Society	4
	SOC-205	Technology and Self	2
	SOC-221	Social Skills and Etiquette	4

V	SOC-300	Foundations of Sociological Thought	4
	SOC-321	Sociology of Marginalised Groups	4
	SOC-301	Indian Sociology	4
	SOC-302	Sociology of Migration	4
	SOC-303	Introduction to Social Research	2
VI	SOC-304	Modern Sociological Theories	4
	SOC-305	Sociology of Tribes	4
	SOC-306	Sociology of Environment	4
	SOC-322	Sanitation and Waste Management	4
	SOC-307	Project	4

## Testimonial of an ex-student of the Department

As I pursued higher education in law I discovered that my background of sociology was very useful, since society and law are closely associated. Sociology prepared me with knowledge of social organisations and the social world. Apart from research skills Sociology provided me with skills of critical thinking, analytical reasoning and problem solving. Sociology taught me to analyse data, enabled me to understand the social structure and the social trends. The investigative skills learnt in Sociology have been a great help in understanding and solving complex legal cases. I am very happy I chose Sociology as it has been instrumental in changing my outlook on life.



Adv. Ronit N. Shinde

### **DEPARTMENT OF PSYCHOLOGY**

**Vision:** Enriching lives through psychological outreach

**Mission:** Empowering students to be leaders and psychology professionals focused on promoting quality of life

### **History and Milestones of the Department:**

The Department of Psychology at St. Xavier's College traces its origins to the Department of Philosophy, under whose guidance, it initially functioned. The Department became an independent department in 1972 when it introduced three papers in Psychology at the undergraduate level.

A significant milestone was achieved in the academic year 1992-93 when the department became the first in Goa to offer six papers in Psychology. This distinction made it a highly sought after department, attracting students from across the state. Students of the department went on to higher studies, outside the state at the time, as there was no post graduate degree offered in Psychology in Goa.

Recognizing the increasing demand for a course at the post graduate level, the college launched a self-financed Master's Programme aptly named the Abbe Faria Post Graduate Department of Psychology in 2001. Besides, students of the under-graduate department still go on to study at prestigious universities both, within the country and abroad as well, acing admissions at these institutions. The department takes pride in the fact that many of its students pursue higher education and establish successful careers in Psychology and its related fields. The department regularly invite the alumni to interact with the students and share their experiences, while providing them with practical advice and first hand information on how to pursue careers in Psychology.

Currently, the department is in the process of implementing the NEP based curriculum, further strengthening its commitment to academic excellence and student growth.

## **Activities of the Department:**

The Department of Psychology at the undergraduate level offers a rich array of activities designed to foster both academic and personal growth. Students have the opportunity to attend guest lectures by distinguished professionals, engage in field visits to institutions such as Central Jail, Sangath, Kripa Foundation, etc., and participate in workshops that enhance practical skills.

The department also hosts intercollegiate events like *Veritas Mentis*, a platform where students can showcase their knowledge and expertise in psychology. Additionally, students actively engage in various events during Mental Health Week and Suicide Prevention Day, raising awareness and promoting mental well-being. Campaigns focused on substance abuse prevention encourage healthy lifestyle choices among students.

Faculty members strongly support student participation in national and international conferences, providing opportunities to present research papers and gain valuable exposure.

To celebrate and communicate the department's achievements, the annual newsletter, *Manovigyan*, is released, highlighting key activities and accomplishments. The department also maintains a notice board, *Pulse on Psychology*, where students are encouraged to share their contributions on contemporary psychology-related topics. These initiatives create a vibrant and supportive learning environment, enriching the student experience.

#### **Courses Offered under NEP:**

Semester	Paper Code	Paper Title Credits		
I	Major			
	PSY100	Essentials of Psychology	3 + 1	
	Minor			
	PSY111	Child Psychology	4	

	MC		
	PSY131	Psychology of Adjustment	3
	SEC	, , ,	
	PSY141	Personality Development	1 + 2
II	Major		
	PSY100	Essentials of Psychology	3 + 1
	Minor		
	PSY111	Child Psychology	4
	MC		
	PSY132	Environmental Psychology	3
	SEC		
	PSY142	Stress Management	1 + 2
	Exit course		
	PSY161	Mindfulness	2 +2
III	Major		
	PSY200	Attitudes and Social Cognition	3 + 1
	Major		
	PSY201	Health Psychology	4
	Minor		
	PSY211	Adolescent Psychology	4
	MC		
	PSY231	Relationship Psychology	3
	SEC		
	PSY241	Developing Psychological Skills	1 + 2
IV	Major		
	PSY202	Social Influence and Group Processes	3 + 1
	Major		
	PSY203	Positive Psychology	4
	Major-3	H E ( W 1	4
	PSY204	Human Factors at Work	4
	Major	Description of Asian	2
	PSY205	Psychology of Aging	2
	Minor/VET	Su auta Daviah ala avi	4
17	PSY221	Sports Psychology	4
V	Major	Develor of a signal Tests and Management	2 + 1
	PSY300	Psychological Tests and Measurements	3 + 1
	Major PSV201	Councelling Povehole are	4
	PSY301	Counselling Psychology	4
	Major PSY302	Abnormal Psychology	4
		Abnormal Psychology	4
	Major PSY303	Research Methodology	2
	Minor	Research Methodology	2
	IVIIIOI		

	PSY321	Qualitative Data Analysis	4
	PSY361	Internship	2
VI	Major		
	PSY304	Cognitive Psychology	3 + 1
	Major		
	PSY305	Statistics for Psychology	4
	Major		
	PSY306	Criminal Psychology	4
	Major		
	Psy307	Project	4
	Minor		
	PSY322	Educational Psychology	4

### **Career Options:**

Psychology offers a diverse range of career opportunities, allowing graduates to work in various fields such as healthcare, education, business, and social services. One of the most common career paths is in Human Resources (HR), where psychology graduates work as HR managers or recruitment officers, using their understanding of human behaviour to enhance workplace productivity, employee well-being, and talent acquisition. Those inclined toward research can become Researchers, conducting psychological studies in academic institutions, government agencies, and private organizations.

For individuals passionate about education, careers as Professors, Lecturers, or School Teachers provide opportunities to teach psychology and contribute to academic research. In schools, School Psychologists play a crucial role in assessing students' emotional and behavioural issues, working closely with teachers, parents, and counsellors to support student development. Another important area is Counselling, where professionals help individuals manage stress, career decisions, relationships, and mental health concerns. Counsellors work in various settings, including educational institutions, rehabilitation centres, hospitals, and private practice.

In community health and social work, Community Health Coordinators and NGO Coordinators focus on mental health awareness, addiction recovery, and social welfare programs. Additionally, Helpline Managers oversee crisis helplines, providing emotional support and intervention for individuals in distress, such as those struggling with suicide ideation, domestic violence, or substance abuse. In corporate settings, Recruitment Officers and Industrial-Organizational Psychologists assess employees' skills, design training programs, and improve workplace culture. For those dedicated to mental health, becoming a Mental Health Expert or Clinical Psychologist is a rewarding career. These professionals diagnose and treat individuals with mental health disorders, working in hospitals, private clinics, rehabilitation centres, and research institutions. Specializing in Social Psychology, professionals study group behaviour, societal influence, and interpersonal relationships, often working in advertising agencies, research organizations, and governmental bodies.

Psychology graduates have a wide range of career choices, each offering opportunities to make a meaningful impact on individuals and society. Whether working in education, healthcare, corporate sectors, or non-profit organizations, psychology professionals contribute significantly to understanding and improving human behaviour and well-being.

### **Faculty Members:**

Janet Fernandes (PhD)- Professor & Head

Ms. Anuradha Kakodkar – Associate Professor

Dr. Ubaldina Noronha – Associate Professor

Dr. Eulalia Fernandes – Associate Professor

Ms. Elvira Pereira- Assistant Professor

Dr. Fr. Ramiro Luis – Assistant Professor.

### Department e-mail ID: Psychology@xavierscollegegoa.ac.in

## Testimonial by an alumnus of the Department (TY Batch of 2023-2024):

My time at St. Xavier's was truly special, filled with learning, growth, and unforgettable moments. Choosing Psychology as my core subject was one of the best decisions I made but what made it truly meaningful was the amazing professors who taught with such passion and dedication. As the saying goes, "A great teacher doesn't just teach; they inspire."

Janet Ma'am with her deep knowledge of Psychology and Statistics made even the most difficult topics easy to understand. She was always joyful and approachable, creating a positive and engaging learning environment. Ubaldina Ma'am was not just a great teacher but also a wonderful mentor. She guided me through my research project with patience and support, helping me gain confidence in my work.

Fr. Ramiro was a constant pillar of motivation. He always pushed us to do our best and reminded us of our potential. He always ensured that we put our best foot forward, making us realize our strengths and capabilities. His words of wisdom will stay with me forever.

Ma'am Elvira and Ma'am Eulalia created a warm and welcoming learning space. Their kindness and encouragement made a huge difference in our learning journey. Ma'am Anuradha brought Child Psychology to life with real-world examples and engaging discussions.

Looking back, my final year was both challenging and exciting. While academics kept us on our toes, the department made learning enjoyable with interactive activities, discussions, and psychology events that brought us all together. It truly felt like a family where we learned, laughed, and supported each other.



Ms.Arya Tivrekar

I will always be grateful for the love, guidance and knowledge my professors shared with me. I cherish every moment spent in this department and feel lucky to have been part of such a wonderful learning journey.

### **DEPARTMENT OF PHILOSOPHY**

**Vision:** Sharing our rich philosophy in terms of heritage of East and West.

**Mission:** To develop rational approach towards social, religious and ethical issues as well as to promote harmonious development in personality.

## **History and Milestones of the Department:**

The Department of Philosophy was created in 1967, a few years after the establishment of the College. It boasts of some eminent teaching faculty, to name a few, Professor Kule, Fr.Mendonca, Professor Mervin, Dr.Sudha Chari and Fr.Antimo Gomes, the latter having served as a Principal of St.Xaviers College for a decade. Dr.Sudha Chari incidentally was a student of the first batch of Philosophy at St.Xavier's.

Initially the Department under the Bombay University served to teach Indian Philosophy Paper in Ethics, Philosophy of Religion, Metaphysics, Western Philosophy etc, and instruct it's students in various aspects of the papers. Later in 1997, Foundation course paper in Logic was introduced, which would sharpen their cognitive abilities, and in turn help them to answer various competitive exams.

Philosophy means 'love of wisdom'. As a subject, it attempts to arrive at rational conception of the reality as a whole. It enquires into the nature of the universe in which we live, the nature of the human soul and its destiny, nature of God or the Absolute and their relation to one another. It questions the nature of matter, time, space, evolution of life and mind and their relation to one another. In short, it is an art of thinking all things rationally, logically and persistently as a whole. It examines and clarifies popular, scientific and ethical concepts of right good values

and virtues.

Our alumni are holding responsible positions in society, as Asst. Mamlatdar, editors of leading magazines, officers in banks, researchers and Assistant Professors in colleges.

### **Activities of the Department:**

The department conducts various activities as field trips, talks by eminent resource persons, sessions with college counsellors, screening of documentaries and films, discussion sessions "Coffee with Philosophy" and student event 'Philofest' to commemorate World Philosophy Day which showcases the unique talents of students of Philosophy.

### **Courses Offered under NEP:**

Semester	Paper Code	Paper Title	Credits
I	Major	Introduction to Philosophy	04
	PHI-100		
	Minor	Environmental Philosophy	04

	PHI-111		
	MC PHI-131	Ethics and contemporary Social issues	03
	SEC PHI-141	Introduction to Logic	03
II	Major PHI-100	Introduction to Philosophy	04
	Minor PHI-111	Environmental Philosophy	04
	MC PHI=132	Introduction to feminist consciousness	03
	SEC PHI-142	Practical Reasoning	03
III	Major-1 PHI-201	Introduction to Epistemology	04
	Minor PHI-211	Philosophy of Values	04
	MC-PHI 231	Philosophy of Human Rights	03
	SEC PHI-241	Critical Reasoning	03
IV	Major-1 PHI-203	Introduction to Metaphysics	04
	Major-2 PHI-204	Ancient Indian Philosophy	04
	Major-3 PHI-205	Pre-Socratic Thinkers	02
	Minor/VET PHI-221	Research Ethics	04
V	Major-1 PHI-300	Introduction to Greek Thought	04
	Major-2 PHI-301	Heterodox Systems of Indian Philosophy	04
	Major-3 PHI-303	Existential Themes	02
	Minor PHI-321	Competitive Logic	04
VI	Major-1 PHI-305	Orthodox Schools of Indian Philosophy	04
	Major-2 PHI-307	Project	
	Minor PHI-322	Philosophical Counselling	04

# **Career Options:**

Students after studying Philosophy can pursue careers as Law, Management, Teaching, Research, Indian Administrative Servicies as IAS, IFS, IPS, Environmentalists, RTI activists,

Office Assistants, Journalists and Media Professionals, Philosophical Counsellors, Entrepreneurs, Influencers.

### **Faculty Members:**

Ms. Aletthra C. Vieira (H.O.D)

Dr. Shefali Kale.

**Department e-mail ID:** Philosophy@xavierscollegegoa.ac.in

Testimonial by an alumnus of the Department (TY Batch of 2019-2020): Socrates said, "The only true wisdom is in knowing that you know nothing." Similarly like Socrates, Philosophy made me realize that what I have learnt in these past three years of my Graduation is the knowledge what is gained is not even a drop in an ocean, and there is still more to accommodate. The Department of Philosophy consists of some amazing teachers who have taught us so meticulously and lovingly about the 'Love for Wisdom' beginning from the Indian Philosophers to the Modern, Medieval and Contemporary Western Philosophers, and not forgetting Logic, from which all reasoning of the mind takes place. It was indeed very inspiring to learn more about them through the seminars and workshops such as Coffee with Philosophy, where, not only students of philosophy were called but also students of other streams were asked to join, through the study trips to various farm lands and historical places which was well organized by the Department of Philosophy.

Through my years of Graduation, I have studied Philosophy for all three years, and it was very enriching for me to learn about a new way of thinking and doing an analytical study on various Philosophers and their way of thinking. I sincerely thank all the teachers of the Department of Philosophy for helping us students to gain wisdom and understanding through the subject of Philosophy.



**Mr.Gavin Lobo** 

### **DEPARTMENT OF GEOGRAPHY**

#### Vision

To understand the physical and cultural aspects of the earth, mutual relationship between man and nature, resource utilization conservation and their influence on socio-economic development of the region/state/country.

#### Mission

To explore, motivate enhance geographical skills, and knowledge among students and provide an opportunity for interaction with the environment. Develop concern towards sustainable development of the world with the application of Geographical Information System and Remote Sensing Technology and other resources

## History and milestones of the Department

The Department of Geography was established in the year June 1995 to impart knowledge of Commercial Geography to the students of Commerce. The Department later taught Ecology, a Foundation course paper for the students of FY/SYBA and Environmental Studies for FYBA/B.Com. From the academic year 2017-2018, The Department taught Geography Generic Elective papers at UG level for Arts, Science and Commerce students. Since the implementation of NEP-2020 during the academic year 2023-24 the department offers MC, SEC, VAC papers.(Major and Minor in Geography from 2025-26 subject to DHE approval)

The Faculty of the department is involved in Research work, guidance to Ph.D. students of Goa University through Cluster Research Centre from January 2021.

### Papers offered

Class	Semester	Category	Course Code	Course Title
FY.BA	I	Major	GOG100	GEOGRAPHY- Foundations in Geography
FY.BA	I	Minor	GOG111/ GOG112	GEOGRAPHY-Geography of sustainable development/ Geography of climate change
FYBCom	I	MC	COM134	GEOGRAPHY
FYBCom	II	MC	COM139	GEOGRAPHY
FYBA	I	SEC	GOG141	GEOGRAPHY
FYBA	II	SEC	GO-141	GEOGRAPHY
F.Y. B.A.	I	MC	GOG 131	GEOGRAPHY
F.Y.B.A.	II	MC	GOG 132	GEOGRAPHY
FY.BA /B,COM/ BSc.	Ι	VAC- EVS	VAC-100	ENVIRONMENTAL STUDIES

FY.BA	II	VAC-	VAC-101	ENVIRONMENTAL STUDIES
/B,COM/		EVS		
BSc.				

# **Career options**

The students who study specialized and MC, SEC, VAC papers in Geography will get an opportunity to do B.Ed, Postgraduation in M.A./M.Sc. program; M.R.P.- regional planning; to serve as faculty members in universities and colleges and appear for competitive exams like UPSC, Indian Civil Services, C.D.S, GIS and remote sensing, State Public Service Commission exams and render their valuable services to the society.

#### **Faculty**

Prof.(Dr.) Dadapir Moulasab Jakati (HOD) Research Guide, CRC, Goa University. Professor of Geography.

**Department contact details** 

Geography@xavierscollegegoa.ac.in

# **Testimonials of student of the Department**

As a Geography student, I embarked on my academic journey with a passion for exploration and a curiosity about the world around me. Despite not having studied geography as a main paper before, I was inspired and motivated by my parents along with Prof. Dr. Jakati whose guidance was throughout my studies. Under his mentorship, I delved into the complexities of geographical concepts, from physical landscapes to human interactions with the environment. Their enthusiasm for the subject ignited my own, driving me to excel in the field of geography.

Having studied geography as an elective subject for two years I always wanted to do something more in the field of Geography. Through dedication and hard work, I achieved an A grade in my Masters, a testament to both my commitment and the guidance of my Sir. Prof. Dr. Jakati.

In addition to their exemplary teaching, Dr. Jakati went above and beyond by organizing various activities to enhance our learning experience. They believed in interactive and hands-on approaches, regularly conducting field trips to geographical sites, facilitating group discussions on pertinent topics etc. One of the most engaging aspects of their teaching style was the incorporation of quizzes to test our knowledge and understanding. These quizzes were not only educational but also served as motivational tools, encouraging us to stay on top of our studies and continuously strive for



Ms. Valencie Fernandes M.A. in Geography. A Grade. Currently pursuing B.Ed.

improvement. Through these assessments, I not only solidified my grasp of geographical concepts but also developed critical thinking. The Dr. Jakati's dedication to our growth and development in geography. Their passion for the subject and knowledge was infectious, inspiring me to push my boundaries and achieve academic success. Having completed my Masters with distinction in geography, I am now embarking on a new chapter in my academic journey by pursuing a Bachelors in Education with a focus on geography. This decision stems from my passion for both the subject matter and the art of teaching, inspired by the guidance and mentorship of Dr. Jakati during my previous studies and a strong foundation in both geography and education, I am confident that this journey will not only broaden my horizons but also equip me with the skills and knowledge needed to make a meaningful impact in the field of education.

# **DEPARTMENT OF COMMERCE**

**Vision:** Training of young people towards academic excellence and equipping them with the ability to adapt to the dynamic corporate environment.

**Mission:** To impart holistic commerce education with a blend of industry experience and to provide students a platform to choose and nurture their careers.

# **History and Milestones of the Department**

In June 1993, Goa University and the Government of Goa granted St. Xavier's College, permission to start the Commerce Faculty. The first batch of Commerce students graduated in April 1996 and since then, the Department has taken huge strides forward in terms of faculty, facilities, subjects offered, activities conducted etc.

The Department sets consistently high standards for itself and achieves excellent results, year after year, through the consistent efforts of highly qualified, dynamic and competent faculty members backed by equally talented and multifaceted students. The faculty members play an active role in the activities of the college through their representation as convenors and members of various cells, clubs, linkages etc., and in university matters, through their representation in various university bodies like Academic Council, Board of Studies, etc. The students, likewise, bring laurels to the department and college through their proficient participation in both commerce-related and general competitions organized by various colleges, both within and outside the state. The constant and ongoing efforts at transformation is evident in the ever-increasing demand for commerce education at St. Xavier's.

#### **Activities/Publication of the Department**

The Department is constantly engaged in value-added activities like, organizing and attending subject update programmes, seminars at the State, National as well as International level, Workshops, Guest lectures, Career Guidance sessions, Alumni Talk series, Industrial visits in and out of the state to seamlessly integrate the knowledge gained within the classroom with the reality of the dynamic business world beyond. The Department also offers additional certificate courses such as **CPBFI** (Certificate Programme in Banking, Finance, and Insurance) from Bajaj FinServ, Tally, Entrepreneurship Development Programme and Soft Skills and Resume Writing. Students are encouraged to engage in events like **Pop-up Bazaar** which provide students with hands-on experience in business and communication skills.

Acknowledging that communication is the key to achieving and sustaining success, the Department brings out an annual newsletter aptly named "ComQuest". In addition, a vibrant and relevant Commerce Board named "Commerce Blitz" is prepared every fortnight by the students, where latest information on areas related to commerce and industry is highlighted. This keeps the students and teachers (both within and outside the department) abreast of the latest developments in the field of commerce and related fields. It also provides both faculty and students an opportunity to indulge in analytical thought, creative writing and artistic expressions, thereby encouraging the dissemination of relevant information in diverse commerce related area. Entrepreneurship Development Programs are organized to develop entrepreneurial spirit among the students and acquaint the students with the process and procedure of conceptualizing and successfully navigating new business ventures. An Annual 'Joy of Giving' event is organized by faculty and students to instill a sense of social responsibility and empathy as well as to provide a deeper understanding of the values of kindness and community support.

#### B.COM PROGRAMME STRUCTURE UNDER NEP 2020.

#### **UG Degree Programmes with Single Major:**

B.Com. Financial Accounting (Cfa) (Honours) Single Major)

B.Com. Cost Accounting (Cca) (Honours) Single Major

B.Com. Business Management (Cbm) (Honours) Single Major

B.Com. Banking & Financial Services (Cbf) (Honours) Single Major

SEMESTER	PAPER CODE	PAPER TITLE	CREDITS
	SEN	MESTER I & SEMESTER II	
	Major	MAJOR -1 COM 100 FINANCIAL	4
		ACCOUNTING	

	Minor	Minor COM-111 Principles and	4
		Practice of Management	
	Multidisciplinary Course	(Any One Course As Per The List)	3
I	Ability Enhancement	English 151 -Communicative English:	2
	Course	Spoken. & Written English	
	Skill Enhancement Course	(Anyone Course as per the list)	3
	Value Added Courses (VAC) I	Environment Studies - I	2
	Value Added Courses (VAC) II	Awareness Of Cyber Crimes and Security	2
	<u>Major</u>	Major-2 COM-101	4
		Elements of Cost	
	Minor	Minor- 2 COM112	4
		Fundamentals of Banking	
	Multidisciplinary Course(MC)	(Any one Course as per list)	3
II	Ability Enhancement Course(AEC)	English 152 Digital Content Creation in English	2
	Skill Enhancement Course (SEC)	(Anyone Course as per the list)	3
	Value Added Courses (VAC) I	Constitutional Values and Obligations	2
	Value Added Courses (VAC) II	Health And Wellness	2
	CEMECTE	R III & SEMESTER IV	
	Major	COM-200 Public Economics	4
	MA	JOR (ANY ONE)	

	Financial Accounting	CFA-201 Government Accounting	4
III	Cost Accounting	CCA- 201 Methods of Costing	4
	Business Management	CBM-201 Marketing Management	4
	Banking & Financial Services	CBF-201 Principles and Practice of Banking	4
	MI	NOR (ANY ONE)	
	Accounting	CFA-211 Specialised Accounting	4
	Cost Accounting	CCA-211Business Environment	4
	Business Management	CBM- 211Business Finance	4
	Banking & Financial Services	CBF- 211Introduction to Capital Markets	4
		COM- 212 Business Law	4
		COM- 213 Business Statistics	4
	Multidisciplinary	(Anyone Course as per the list)	
	(For Non - Commerce)	COM-231 Fundamentals of Event Management	3
		COM-232 Fundamentals of Digital Marketing	3
		COM-233 Business Ethics and Governance	3
		COM-234 Personal Investment and Tax Planning	3
		COM-235 Intellectual Property Rights	3
	Skill Enhancement (any 1)	COM-241 Accounting Software Application	3
		COM-242 Business Data Analysis	3
		COM-243 Personal Financial Planning	3
		COM-244 Introduction to Auditing	3

			1		
		COM-245 Business Database	3		
		Management and Analysis			
	A1 '11' D 1	A131: E 1 T 1 10	2		
	Ability Enhancement	Ability Enhancement To be opted from	2		
	Course (AEC)	the available ability enhancement			
		courses approved by the respective			
		Board of Studies.			
	SEMESTER IV				
	Major	COM-202 Fundamentals of Macro	4		
		Economics for Business			
	M	AJOR (ANY ONE)			
	Financial Accounting	CFA -203 Financial Statement Analysis	4		
		CFA -204 Indirect taxes	4		
IV		MAJOR (ANY ONE)  ng			
	Cost Accounting	CCA-203 Methods of Costing	4		
		CCA-204 Indirect Taxes	4		
		CCA-205 Marginal Costing	2		
	Business Management	CBM-203 Services Marketing	4		
		CBM-204 Event Management	4		
		CBM-205 Brand Management	2		
	Banking & Financial Services	CBF-203 Law and Practice of Insurance	4		
		CBF- 204 Principles & Practice of Insurance	4		
		CBF- 205 Financial Statement Analysis of Banks	2		
	MI	INOR (ANY ONE)			
	Accounting	COM-221Accounting for Service Organisations (VET)	4		

	Cost Accounting	CCA-221 Strategic Performance Management (VET)	4
	Business Management	CBM-221 Digital Marketing (VET)	4
	Banking & Financial Services	COM-221 Accounting for Service Organisations (VET)	4
		COM-222 Corporate Law (VET)	4
		COM -223 Business Statistics II (VET)	
	Ability Enhancement Course (AEC)	Ability Enhancement To be opted from the available ability enhancement courses approved by the respective Board of Studies.	2
		Semester V	
	Major	COM-300 Indian Economy	4
	Financial Accounting  Major	CFA-301 Advanced Corporate Accounting	4
	Major	COM -302 Direct Tax I	4
	Minor	CFA-321 Principles and Practice of Auditing	4
	Cost Accounting	CCA-301 Techniques of Costing	4
V	Major	COM-302 Direct Tax I	4
	Minor	CCA-321 Cost and Management Audit (VET)	4
		(VET)	
	Minor  Business Management  Major	_	4

Minor	CBM-321 Supply Chain and Logistics Management Audit (VET)	
Banking & Financial Services Major	CBF-310 Bank Management CBF-302 Financial Services	4
	CBT 302 Timanolar Services	
Minor	CBF-321 Marketing of Financial Services (VET)	4
	COM 303 Research Process	2
Internship	COM- 361 Internships	2
	Semester Vi	
Major	COM-304 International Economics	4
Financial Accounting  Major	CFA-305 Financial Reporting and Sustainability Practices	4
	COM -306 Direct Tax II	4
Minor	CFA-322 E-filing of Income tax and GST returns (VET)	4
Cost Accounting  Major	CCA-305 Techniques of Costing	4
·	COM-306 Direct Tax II	4
Minor	CCA-322 E-filing of Income tax and GST returns (VET)	4
Business Management  Major	CBM- 305 Entrepreneurship Development	4
	CBM-306 International Marketing	4

	Minor	CBM 322 Tourism and Travel	4
		Management (VET)	
VI	Banking & Financial	CBF- 305 Modern Banking Operations	4
V 1	Services	and Services	
	Major	CBF-306 Financial Risk Management	4
	Minor	CBF-322 Digital Banking (VET)	4
		COM 307 Project	4

# MULTIDISCIPLINARY COURSE PAPERS SEMESTER I & II 3 CREDITS

PAPER CODE	PAPER TITLE SEM I	PAPER CODE	PAPER TITLE SEM II
CSC -131	1. Emerging Trends in Computers	CSC -133	1. Cyber Security Essentials
MAT -131	2. Mathematical Techniques in Competitive Exams	MAT-131	2. Mathematical Techniques in Competitive Exams
COM-134	3. Geography of Natural and Commercial Resources of Goa	COM-139	3. Geography: Geography of Commercial Activities in Goa
PSY -131	4. Psychology: Psychology of Adjustment	PSY -132	4. Psychology: Environment Psychology
MIC-131	5.Microbiology: Introduction Microbial world	MIC -132	5. Microbiology: Microbiology in Everyday Life
BOT -131	6. Botany: Kitchen Gardening	BOT -132	6. Botany : Eco System Diversity
CHC-131	7. Chemistry: Introduction to Chemistry	CHC-131	Chemistry: Introduction to Chemistry
PHY-131	8. Physics: History of Physics	PHY- 132	Physics – Indian contribution to physics
ECO -131	Sustainable Development	ECO- 132	Globalisation
HIS- 131	10.History-Indigenous Heritage of Goa	HIS- 132	10. History- Women in Goan History
SOC- 131	11.Sociology-Gender studies- An Introduction	SOC- 132	11. Sociology- Health and Society

POL- 131	12.Political Science-	POL- 132	12. Political Science: Introduction to
	Contemporary issues in India		Human Rights
PHI-131	13.Philosophy: Ethics and	PHI-132	13.Philosophy- Introduction to Feminis
	Contemporary Social Issues		Consciousness
ELE-131	14.Electronics: Introduction	ELE-132	14. Electronics: Repair and Maintenanc
	to electricity		of Domestic Electrical appliances

# SKILL ENHANCEMENT COURSE SEMESTER I & SEMESTER II 3 CREDITS

PAPER CODE	PAPER TITLE SEM I	PAPER CODE	PAPER TITLE SEM II
COM- 144	1.Business Documentation	COM-148	1. Corporate Secretaryship
COM- 145	2. Innovation And Start-Ups	COM-145	2. Innovation And Start-Ups
BOT-141	3. Botany: Nursery And Gardening	BOT-141	3. Botany: Nursery And Gardening
CHC-143	4. Chemistry: Chemistry of Cosmetics And Perfumes	CHC-143	4. Chemistry: Chemistry of Cosmetics And Perfumes
PHY-143	5. Physics House Electrical Wiring	PHY-143	5. Physics :House Electrical Wiring
COM- 147	6. Business Mathematics I	COM-147	6. Business Mathematics II
ECO 141	7. Data Analysis I	ECO 141	7. Data Analysis I
ENG 143	8.English For Competitive Exams	ENG 143	8. English For Competitive Exams
COM- 141	9. Computer Applications In Business	COM-146	9. Business Data Processing And Networking
COM- 143	10. Soft skills and Personality Development	COM- 143	10. Soft skills and Personality Development

# MULTIDISCIPLINARY COURSE FOR NON COMMERCE SEMESTER I

1. COM-133 Marketing for Beginners

- 2. COM-132 Fundamentals of Stock Market
- 3. COM-137 Tourism & Hospitality Management

# MULTIDISCIPLINARY COURSE FOR NON COMMERCE SEMESTER II

- 1. COM-133 Marketing For Beginners
- 2. COM- 132 Fundamental of Stock Market
- 3. COM-137 Tourism & Hospitality Management

# MULTIDISCIPLINARY COURSE PAPERS FOR SEM III ONLY

PAPER CODE	PAPER TITLE SEM III
PSY -132	Psychology: Relationship Psychology
HISR-231	2. History: History of Ecology and Environment inn Goa
POL-231	3. Political Science: Contemporary Global Issues
SOC-231	4. Sociology: Youth And Social Issues
PHI- 231	5. Philosophy: Philosophy of Human Rights
CSC -231	6. Computers: Web Designing
MAT-231	7. Basic Financial Mathematics
BOT -231	8. Botany: Plant Propagation Methods
CHC-231	9. Chemistry: Environment Sustainability: Natural resources & Human Ethics
ELE-231	10. Electronics: Computer Trouble shooting & Maintenance
MIC-231	11. Microbiology: Scope of Microbiology
PHY-231	12. Physics: Landmark Experiments in Physics

# **Career Options**

The Commerce stream is a very diverse field that gives a variety of courses options and career opportunities to students. Commerce courses related to fields of Accounting, Marketing, Management, Business Administration, and Banking are always in demand. But apart from regular courses, after B.Com., there are a lot of avenues available for further education. The popular courses are MBA and M.Com, Law which are pursued by the majority of students.

Some also pursue professional certification courses such as Company Secretary, Chartered Financial Analyst, Cost and Management Accountant and Chartered Accountant. The job opportunities after acquiring a B.Com. degree are varied namely; Bank Officer, Accountant, Tax Consultant, Accounts Executive, Entrepreneurship, Teaching, Sales/Marketing Executives, Human Resource officers.

### **Faculty**

- 1. Prof. Dr. Filipe e melo Rodrigues (Professor & Vice Principal)
- 2. Dr. Yasmin Z. Shaikh Head and Associate Professor
- 3. Prof. Dr. Oscar de Melo Professor
- 4. Ms. Maria Difa Fernandes Associate Professor
- 5. Ms. Sumina da Costa Associate Professor
- 6. Mr. Herwin Furtado Associate Professor
- 7. Dr. Carmelita Dmello Associate Professor
- 8. Dr. Santana Fernandes Associate Professor
- 9. Mr. Carmelito de Souza Assistant Professor
- 10. Ms. Mumtaz Mendonca Assistant Professor
- 11. Ms. Sandra Fernandes Assistant Professor
- 12. Ms. Kimberly Barros Assistant Professor
- 13. Ms. Zarina Chawdari Assistant Professor
- 14. Ms. Victorya Rodrigues- Assistant Professor
- 15. Ms Alia Kulsum Aga (Law) Assistant Professor
- 16. Ms. Swizel Alphonso Assistant Professor
- 17. Dr. Frazer Taylor Assistant Professor (Contract)

Departmental e-mail ID: commerce@xavierscollegegoa.ac.in

#### **Testimonial From Ex-Student**

"Once a Xavierite, always a Xavierite" – what does that really mean? For me, it's not just about the prestigious name, but about the incredible environment this college offers. When I first joined, I never imagined the impact this place would have on my life. From the challenges of online classes to the smooth transition to offline learning, our mentors were always there to guide and support us. Xavier's has truly been a place of endless opportunities.

I started my journey unsure of where it would lead, but over time, I joined NSS in my second year, became the General Secretary of the student council, and was even appointed the student coordinator for our inter collegiate department event. I had the chance to participate in various events, winning them and building team spirit along the way. These experiences helped me connect with and unite my fellow students. Through it all, my college and especially my teachers played a huge role in shaping me.

What I love most about Xavier's is that it feels like home. Our teachers didn't just teach theoretical knowledge, they helped us learn in real, practical ways, such as through the inter-state study tour. They went above and beyond to support me, not just once, but consistently throughout my time here.

The memories I have made with my friends, from preparing for events to winning them and chanting the college slogan, will always hold a special place in my heart. If you are looking for a place where you can grow, create lifelong memories, and truly make a difference, then Xavier's is the place for you.



Anuj Naik (General Secretary) St. Xavier's College.2023-2024

# **DEPARTMENT OF PHYSICAL EDUCATION & SPORTS**

**Vision**: To facilitate the all-round development of the student through the medium of physical education and sports.

**Mission**: To develop in the students the true spirit of sportsmanship.

# **Faculty**

Mrs. Joslyn M. D'Souza- College Director Of Physical Education

Ms. Astrid S. Pereira- Instructor in Physical Education

Mr. Roger Fernandes- Instructor in Physical Education

Mr. Robert D'Souza- Multitasking Staff

St. Xavier's College Mapusa, Goa has established sports facilities since the time of its establishment (1963). It provides Indoor and well as Outdoor facilities to conduct different kinds of Games and other Activities. Indoor facilities such as-Gymnasium, Chess, Carom, Badminton, Table Tennis, Judo, Tennikoit, Taekwondo etc. Outdoor facilities such as-Basketball, Football, Volleyball, Handball, Hockey, Kabaddi, Kho-Kho, Cricket, Baseball and Athletic Track & Field Games.

The department sports a new gymnasium which is open to our college students for the purpose of exercise and recreation. Gym is the most important part in an Athletes life where they build their strength and condition their body for different games and sports and minimise the risk of injuries.

# **INTERCOLLEGIATE EVENTS**

At the Inter-collegiate level our students have performed tremendously. The students have put in lot of time and effort to gain success at Inter-collegiate tournament. The results are as follows

Winners	Runners up	3 <sup>rd</sup> place
Table Tennis Women	Football Women	Athletics Women
Volleyball Women	Swimming Women	Swimming Men
Basketball Women	Basketball Men	
Handball Men	Handball Women	
Hockey Men & Women		
Power Lifting Men		

We have students who have Participated and have Won Medals at International Level, National Level, West Zone Inter University, All India Inter University, Khelo India Youth Games , Khelo India University Games and  $37^{\rm th}$  National Games .

St. Xavier's College was Awarded the Best College in Sports for the Academic year 2022-2023 at the Goa University 39<sup>th</sup> Foundation day Lecture.

#### NATIONAL CADET CORPS(NCC Boys unit)

• The National Cadet Corps (NCC) Boys Unit of our college is a premier platform that fosters discipline, leadership, and patriotism among young cadets. In alignment with the National Education Policy (NEP), NCC has introduced a Value-Added Course (VAC) titled "NCC", designed as a 2-credit paper. All First-Year cadets enrolled in the NCC Boys Unit are eligible for this paper. The course is structured to provide theoretical and practical insights into NCC activities, leadership principles, and community development.

# • Course Highlights:

- Structured as per NEP guidelines to ensure holistic development.
- Combines practical training in drill, field craft, and weapon handling with theoretical knowledge on national integration, personality development, and social responsibility.
- Equips cadets with life skills that are crucial for personal and professional growth.
- By successfully completing this course, cadets not only earn academic recognition but also enhance their readiness for challenges in personal and national domains. The NCC Boys Unit remains committed to shaping responsible and disciplined citizens who contribute positively to society.
- Then NCC puts its cadets through rigorous training which includes adventure activities such as monitoring tracking Rock climbing parasailing jumping bleeding metering microlight flying sailing surfing Scuba Diving Bhojpuri Akshara these activities which are classified as Land based water based and error based develop special qualities of leadership courage discipline and self confidence in the cadets.
- The cadets attend state and national level training can as well as National Integration camp.a few are chosen to attend the prestigious Republic Day training camp and participate in the Republic Day parade in Delhi . the following camps are organised every year for NCC cadets Combined Annual Training Camp, Inter-group camp, Republic Day Camp, Thal Sainik Camp, South Zone firing competition and Capsule Camp, SSB training capsule camp and National Integration Camp, EBSB Camp which aims at fostering closer ties among the youth of the nation. The focus of this camp is to help young people to find a common ground and establish lasting friendships that put across region language and colour.
- The special Mission of the youth exchange program is to make the youth of India ambassadors for their country. Youth exchange programs make it possible for cadets to visit countries such as Singapore, Bangladesh, Russia, shri lanka Nepal the UK etc.
- In the year 2024-2025, our cadet, namely SUO Vedant chandrakant chandekar attended The Republic Day Camp 2025 at Delhi.other cadets attended various camps like TSC,CATC,EBSB,Army attachment camp at Belgavi and also at Bangalore. CTO Avani Anil Khrade is incharge of NCC Boys unit
- Our college offers infantry wing of NCC in for Boys and Girls separately.



- National Cadet Corps [NCC] provides opportunities to the youth of the country for their all-round development with a sense of Duty, Commitment, Dedication, Discipline, Team work and Moral Values so that they
- become able leaders and useful citizens. NCC
  has also provided me the opportunity to do
  various activities and camps across India
  which has removed the best from me. It's
  always an proud moment to be an NCC Cadet
- Sohail Nagnori
- Ex- NCC Cadet

#### CADET CORPS (ARMY) (GIRLS WING)



The National Cadet Corps (NCC) Girls Division gives equal opportunities to girls in colleges to join the 'world's largest uniformed youth organisation'. NCC aims to groom the overall personality of a cadet by developing a sense of patriotic commitment.

St. Xavier's College, Mapusa provides an opportunity for the young girls to join the NCC Girls (Army Wing) under the 1 Goa Girls Battalion of Karnataka and Goa Directorate. As per the National Education Policy (NEP), all First-Year cadets enrolled in the NCC Girls Unit are eligible for a Value-Added Course (VAC) of 2 credits paper. It provides theoretical and practical insights into NCC activities.

Enthusiastic and determined college girl students can join the NCC Girls unit for the academic year 2025-26. It is headed by Lieutenant Victorya Rodrigues with a total strength of 56 cadets.

Our Unit provides opportunities for the cadets to participate in various camps and competitions. In the year 2024-25, our cadets participated in Firing, Thal Sainik Camp, Republic Day Camp, Rock Climbing Training Camp, Ek Bharat Shresth Bharat and India Advanced Leadership Camp.

Some of the cadets participated in the National and State Level camps are as follows:

1. SUO Tanisha Palyekar (EBSB, Ballari)

- 2. Cdt Radhika Rathod (RDC I, II, IGC-RDC)
- 3. Cdt Samidha Rane (TSC I, II, III)
- 4. Cdt Poonam Palyekar (TSC I, II, III, IGC-TSC)
- 5. Cdt Anshu S. Jaiswar (Rock Climbing Training Camp, Gwalior)
- 6. Cdt Vania Fernandes (Rock Climbing Training Camp, Gwalior)
- 7. Cdt Sonali.A.Irkal (All India Advance Leadership Camp, Mangaluru)
- 8. Cdt Alison A. Fernandes (EBSB, Ballari)
- 9. Cdt Pooja Lamani (EBSB, Ballari)
- 10. Cdt Steffi Ferrao (EBSB, Ballari)

Every year, our cadets have shown an outstanding performance in the 'B' and 'C' NCC certificate exam. Our cadets also participate in the Liberation Day and Republic Day Parade celebrations at Mapusa and Panaji. The NCC provides the cadets a opportunity for their all-round development with a sense of Duty, Commitment, Dedication, Discipline and Moral Values that helps them to become able leaders and useful citizens.

# **NATIONAL SERVICE SCHEME (NSS)**

With the aim to inspire young students to go beyond the comfort zone and reach out to the society through community service, the National Service Scheme (NSS) Unit of St. Xavier's College, Mapusa-Goa, marches on with pride and enthusiasm every academic year.

Through carefully designed plethora of activities that bring to fore the complex social problems and by celebrating the rich cultural diversity of India, the students are moulded throughout the year into accomplished and empathetic social leaders. Through provoking talks, webinars, and participation in various activities at the State and National level, our volunteers are allowed to broaden their perspective in a very special way.

The students also participate with vigour and purpose in rallies, donation drives, awareness drives, anti plastic drives, campus cleaning, blood donation and paper bag making workshops which bridge the gap between theory and practice, providing them with wholesome experience of community consciousness. Students are also motivated to emphasize on their health through activities based on Yoga, activities based on food and nutrition etc thereby providing an avenue for our students to focus on their personal health and wellbeing. Students also play an active role in creating awareness on prevention of various diseases especially focusing on ways to face the current pandemic situation and be of service to members of the society and the entire nation.

NSS also helps to nourish the creative talents of the volunteers through a host of competitions like poster making, painting, quiz, slogan competition, poetry competition, street play, traditional food making. elocution, etc., on important and relevant themes. Moreover, they also get an opportunity to participate in various International and National level camps, Pre-RD Camps, Republic Day Camp, National Integration Camps, Youth festivals, exchange programmes, Actizen Project, etc., which allow them the opportunity to explore the various, colourful faces of a nation and appreciate the diversity of culture, language and tradition and yet the similarity of the human spirit.

With the Moto of Not me, But You", The NSS unit of the college assists in creating a sense of selfless service among the students thereby inculcating a skill of leadership, team spirit and humanitarian service to the society and the nation as a whole.



Being a proud Xavierite during my undergraduate years was a privilege, and serving society as an NSS volunteer throughout those three years was an honor. My time in NSS was more than just a journey; it was a transformative experience and a profound social experiment. NSS taught me invaluable lessons beyond teamwork and service, it instilled in me the virtues of empathy, kindness, selflessness, and an unwavering spirit to volunteer. It provided me with the right leadership qualities and social skills to refine my personality and broaden my perspective. Throughout this journey, I was fortunate to have the unwavering support of our incredible Program Officers (POs) and my fellow NSS volunteers. Together, we worked tirelessly for the betterment of our college and society, exchanging ideas and fostering teamwork. These collective efforts led to remarkable achievements and contributed to the overall growth of our college's NSS unit. As I reflect on those days, I take immense pride in my contributions as an NSS volunteer, cultural secretary, and general secretary of the NSS unit during my graduation. Representing the state of Goa and our NSS unit at various camps, while inspiring others as a leader, remains a cherished memory. To this day, I strive to live by the NSS motto, "Not Me, But You", carrying forward the values it instilled in me.

----Namashri Parab, TYBSc 2023-24

#### CIRCULARS FROM GOA UNIVERSITY AND DIRECTORATE OF EDUCATION

# **Goa University**

Taleigao Plateau Goa Phone: 0832-6519048 Email: registrar@unigoa.ac.in Website: www.unigoa.ac.in

Ref. No: I/156/09/09-Acad-I/290/3622

Date:24/11/2010

#### **CIRCULAR**

# Procedure for issue of Provisional Eligibility Certificate, Confirmation of Provisional Eligibility Certificate and issue of Certificate

Attention of the Heads of the University Departments and Principals of affiliated Colleges is invited on the following:

- i. In respect of those students who are from other University or other than Goa Board of Higher Secondary Education, submission of Eligibility Certificate/ Provisional Eligibility Certificate issued by the Goa University should be necessary at the time of admission of such students.
- ii. University will issue Eligibility Certificates to those students who submit all the required documents at the initial stage viz (a) Copy of Marksheet (b) Copy of Passing Certificate/ Degree Certificate (c) Original Migration Certificate along with filled in application form and payment of fees of Rs. 350/-.
- iii. Those students who are unable to submit all the required documents will be issued on scrutiny Provisional Eligibility Certificates provided the documents viz Copy of Marksheet (Internet copy attested by the School is also accepted) along with the filled in application form and payment of fees Rs. 350/-.

Colleges/ University Teaching Departments are informed to forward the cases of students under category (iii) above for confirmation of eligibility on or before 30 November of the academic year on compliance of all other conditions stated earlier in the Provisional Eligibility Certificate along with the following documents.

- 1. Original Migration Certificate
- 21. Copy of Marksheet's, Passing Certificate/ Degree Certificate (Duly certified by the Principal/Head of the Department)

Further, Colleges/ Institutions/ University Departments are also informed to submit the list of students admitted on the basis of Provisional Eligibility Certificate every year within one month from the last date of admission indicating

- (i) The Provisional Eligibility case Number (iii) The course for which admitted
- (ii) Date of issue (iv) Nationality of the Students.

The above procedure may be brought to notice of the concerned students

(Dr. M.M. Sangodkar) Registrar

# GOA UNIVERSITY Taleigao Plateau Goa

#### CIRCULAR

(Admission to Foreign Students)

With reference to the instruction conveyed by the Directorate of Higher Education vide letter cited above regarding the admission to Foreign students, the Principals of affiliated colleges are hereby informed that following instructions are to be observed and ensured while admitting the foreign students in their respective colleges/institutions.

- a) No student be admitted to any course if he/she does not have valid visa for the duration of the course for which admission is sought.
- b) No admission in any college/Goa university be given in the absence of due recommendation by ICCR
- c) Attendance of Foreign students will have to be monitored on regular basis and the report in this regard be sent by the colleges to the University every month with a copy endorsed to the Directorate of Higher Education
- d) Any untoward incident observed/reported on the part of Foreign student should be reported immediately to the Department of Home Affairs, Government of Goa for necessary action with a copy endorsed to the Directorate of Higher Education.

Sd/-

(Prof. V.P. Kamat)

REGISTRAR

Ref. No. 2/236/14-Legal (Vol.X) 4810

Date:10<sup>th</sup> March 2015

#### UNIVERSITY GRANTS COMMISSION

#### **NEW DELHI – 110 002**

# UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009.

Under Section 26 (1)(g) of the University Grants Commission Act, 1956)

(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART III, SECTION – 4)

F.1-16/2007(CPP-II)

Dated 17<sup>TH</sup> June,

2009

#### **PREAMBLE**

In view of the directions of the Hon'ble Supreme Court in the matter of "University of Kerala v/s. Council, Principals, Colleges and others" in SLP no. 24295 of 2006 dated 16.05.2007 and that dated 8.05.2009 in Civil Appeal number 887 of 2009, and in consideration of the determination of the Central Government and the University Grants Commission to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the University Grants Commission, in consultation with the Councils, brings forth this Regulation.

In exercise of the powers conferred by Clause (g) of sub-section (1) of Section 26 of the University Grants Commission Act, 1956, the University Grants Commission hereby makes the following Regulations, namely;

# 1. Title, commencement and applicability

- 1.1 These regulations shall be called the "UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009".
- 1.2 They shall come into force from the date of their publication in the Official Gazette.

1.3 They shall apply to all the institutions coming within the definition of an University under sub-section (f) of section (2) of the University Grants Commission Act, 1956, and to all institutions deemed to be a university under Section 3 of the University Grants Commission Act, 1956, to all other higher educational institutions, or elements of such universities or institutions, including its departments, constituent units and all the premises, whether being academic, residential, playgrounds, canteen, or other such premises of such universities, deemed universities and higher educational institutions, whether located within the campus or outside, and to all means of transportation of students, whether public or private, accessed by students for the pursuit of studies in such universities, deemed universities and higher educational institutions

# 2. Objectives

To prohibit any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student; and thereby, to eliminate ragging in all its forms from universities, deemed universities and other higher educational institutions in the country by prohibiting it under these Regulations, preventing its occurrence and punishing those who indulge in ragging as provided for in these Regulations and the appropriate law in force

#### 3. What constitutes Ragging

Ragging constitutes one or more of any of the following acts:

- a. any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- b. indulging in rowdy or in disciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;

- c. asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- d. any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- e. exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- g. any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- h. any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;
- i. any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

# 4. Definitions

- 1) In these regulations unless the context otherwise requires,
  - a) "Act" means, the University Grants Commission Act, 1956 (3 of 1956);
  - b) "Academic year" means the period from the commencement of admission of students in any course of study in the institution up to the completion of academic requirements for that particular year.
  - c) "Anti-Ragging Helpline" means the Helpline established under clause (a) of Regulation 8.1 of these Regulations.
  - d)"Commission" means the University Grants Commission;
  - e) "Council" means a body so constituted by an Act of Parliament or an Act of any State Legislature for setting, or co-ordinating or maintaining standards in the relevant areas of higher education, such as the All India Council for Technical Education (AICTE), the Bar Council of India (BCI), the Dental Council of India (DCI), the Distance Education Council (DEC), the Indian Council of Agricultural Research (ICAR), the Indian Nursing Council (INC), the Medical

- Council of India (MCI), the National Council for Teacher Education (NCTE), the Pharmacy Council of India (PCI), etc. and the State Higher Education Councils
- f) "District Level Anti-Ragging Committee" means the Committee, headed by the District Magistrate, constituted by the State Government, for the control and elimination of ragging in institutions within the jurisdiction of the district.
- g) "Head of the institution" means the Vice-Chancellor in case of a university or a deemed to be university, the Principal or the Director or such other designation as the executive head of the institution or the college is referred.
- h) "Fresher" means a student who has been admitted to an institution and who is undergoing his/her first year of study in such institution.
- i) "Institution" means a higher educational institution including, but not limited to an university, a deemed to be university, a college, an institute, an institution of national importance set up by an Act of Parliament or a constituent unit of such institution, imparting higher education beyond 12 years of schooling leading to, but not necessarily culminating in, a degree (graduate, postgraduate and/or higher level) and/or to a university diploma.
- j) "NAAC" means the National Academic and Accreditation Council established by the Commission under section 12(ccc) of the Act;
- k) "State Level Monitoring Cell" means the body constituted by the State Government for the control and elimination of ragging in institutions within the jurisdiction of the State, established under a State Law or on the advice of the Central Government, as the case may be.
- 2) Words and expressions used and not defined herein but defined in the Act or in the General Clauses Act, 1897, shall have the meanings respectively assigned to them in the Act or in the General Clauses Act, 1897, as the case may be.

#### 5. Measures for prohibition of ragging at the institution level

limited to, the departments, constituent units, colleges, centres of studies and all its premises, whether academic, residential, playgrounds, or canteen, whether located within the campus or outside, and in all means of transportation of students, whether public or private, accessed by students for the pursuit of studies in such institutions, shall permit or condone any reported incident of ragging in any form; and all institutions shall take all necessary and required measures, including but not

- limited to the provisions of these Regulations, to achieve the objective of eliminating ragging, within the institution or outside,
- b) All institutions shall take action in accordance with these Regulations against those found guilty of ragging and/or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

# 6. Measures for prevention of ragging at the institutional level:-

- 6.1 An institution shall take the following steps in regard to admission or registration of students; namely,
  - a) Every public declaration of intent by any institution, in any electronic, audiovisual or print or any other media, for admission of students to any course of study shall expressly provide that ragging is totally prohibited in the institution, and anyone found guilty of ragging and/or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to be punished in accordance with these Regulations as well as under the provisions of any penal law for the time being in force.
  - b) The brochure of admission/instruction booklet or the prospectus, whether in print or electronic format, shall prominently print these Regulations in full. Provided that the institution shall also draw attention to any law concerning ragging and its consequences, as may be applicable to the institution publishing such brochure of admission/instruction booklet or the prospectus. Provided further that the telephone numbers of the Anti-Ragging Helpline and all the important functionaries in the institution, including but not limited to the Head of the institution, faculty members, members of the Anti-Ragging Committees and Anti-Ragging Squads, District and Sub-Divisional authorities, Wardens of hostels, and other functionaries or authorities where relevant, shall be published in the brochure of admission/instruction booklet or the prospectus.
  - c) Where an institution is affiliated to a University and publishes a brochure of admission/instruction booklet or a prospectus, the affiliating university shall ensure that the affiliated institution shall comply with the provisions of clause (a) and clause (b) of Regulation 6.1 of these Regulations.
  - d) The application form for admission, enrolment or registration shall contain an affidavit, mandatorily in English and in Hindi and/or in one of the regional languages known to the applicant, as provided in the English language in Annexure I to these Regulations, to be filled up and signed by the applicant to

the effect that he/she has read and understood the provisions of these Regulations as well as the provisions of any other law for the time being in force, and is aware of the prohibition of ragging and the punishments prescribed, both under penal laws as well as under these Regulations and also affirm to the effect that he/she has not been expelled and/or debarred by any institution and further aver that he/she would not indulge, actively or passively, in the act or abet the act of ragging and if found guilty of ragging and/or abetting ragging, is liable to be proceeded against under these Regulations or under any penal law or any other law for the time being in force and such action would include but is not limited to debarment or expulsion of such student.

- e) The application form for admission, enrolment or registration shall contain an affidavit, mandatorily in English and in Hindi and/or in one of the regional languages known to the parents/guardians of the applicant, as provided in the English language in Annexure I to these Regulations, to be filled up and signed by the parents/guardians of the applicant to the effect that he/she has read and understood the provisions of these Regulations as well as the provisions of any other law for the time being in force, and is aware of the prohibition of ragging and the punishments prescribed, both under penal laws as well as under these Regulations and also affirm to the effect that his/her ward has not been expelled and/or debarred by any institution and further aver that his/her ward would not indulge, actively or passively, in the act or abet the act of ragging and if found guilty of ragging and/or abetting ragging, his/her ward is liable to be proceeded against under these Regulations or under any penal law or any other law for the time being in force and such action would include but is not limited to debarment or expulsion of his/her ward.
- f) The application for admission shall be accompanied by a document in the form of, or annexed to, the School Leaving Certificate/Transfer Certificate/Migration Certificate/Character Certificate reporting on the inter-personal/social behavioural pattern of the applicant, to be issued by the school or institution last attended by the applicant, so that the institution can thereafter keep watch on the applicant, if admitted, whose behaviour has been commented in such document.
- g) A student seeking admission to a hostel forming part of the institution, or seeking to reside in any temporary premises not forming part of the institution, including a private commercially managed lodge or hostel, shall have to submit

- additional affidavits countersigned by his/her parents/guardians in the form prescribed in Annexure I and Annexure II to these Regulations respectively along with his/her application.
- h) Before the commencement of the academic session in any institution, the Head of the Institution shall convene and address a meeting of various functionaries/agencies, such as Hostel Wardens, representatives of students, parents/ guardians, faculty, district administration including the police, to discuss the measures to be taken to prevent ragging in the institution and steps to be taken to identify those indulging in or abetting ragging and punish them.
- i) The institution shall, to make the community at large and the students in particular aware of the dehumanizing effect of ragging, and the approach of the institution towards those indulging in ragging, prominently display posters depicting the provisions of penal law applicable to incidents of ragging, and the provisions of these Regulations and also any other law for the time being in force, and the punishments thereof, shall be prominently displayed on Notice Boards of all departments, hostels and other buildings as well as at places, where students normally gather and at places, known to be vulnerable to occurrences of ragging incidents.
- j) The institution shall request the media to give adequate publicity to the law prohibiting ragging and the negative aspects of ragging and the institution's\ resolve to ban ragging and punish those found guilty without fear or favour.
- k) The institution shall identify, properly illuminate and keep a close watch on all locations known to be vulnerable to occurrences of ragging incidents.
- 1) The institution shall tighten security in its premises, especially at vulnerable places and intense policing by Anti-Ragging Squad, referred to in these Regulations and volunteers, if any, shall be resorted to at such points at odd hours during the first few months of the academic session.
- m)The institution shall utilize the vacation period before the start of the new academic year to launch a publicity campaign against ragging through posters, leaflets and such other means, as may be desirable or required, to promote the objectives of these Regulations.
- n) The faculties/departments/units of the institution shall have induction arrangements, including those which anticipate, identify and plan to meet any special needs of any specific section of students, in place well in advance of the

- beginning of the academic year with an aim to promote the objectives of this Regulation.
- o) Every institution shall engage or seek the assistance of professional counsellors before the commencement of the academic session, to be available when required by the institution, for the purposes of offering counselling to freshers and to other students after the commencement of the academic year.
- p) The head of the institution shall provide information to the local police and local authorities, the details of every privately commercially managed hostels or lodges used for residential purposes by students enrolled in the institution and the head of the institution shall also ensure that the Anti-Ragging Squad shall ensure vigil in such locations to prevent the occurrence of ragging therein.
- 6.2 An institution shall, on admission or enrolment or registration of students, take the following steps, namely;
  - a) Every fresh student admitted to the institution shall be given a printed leaflet detailing to whom he/she has to turn to for help and guidance for various purposes including addresses and telephone numbers, so as to enable the student to contact the concerned person at any time, if and when required, of the Anti-Ragging Helpline referred to in these Regulations, Wardens, Head of the institution, all members of the anti-ragging squads and committees, relevant district and police authorities.
  - b) The institution, through the leaflet specified in clause (a) of Regulation 6.2 of these Regulations shall explain to the freshers, the arrangements made for their induction and orientation which promote efficient and effective means of integrating them fully as students with those already admitted to the institution in earlier years.
  - c) The leaflet specified in clause (a) of Regulation 6.2 of these Regulations shall inform the freshers about their rights as bona fide students of the institution and clearly instructing them that they should desist from doing anything, with or against their will, even if ordered to by the seniors students, and that any attempt of ragging shall be promptly reported to the Anti-ragging Squad or to the Warden or to the Head of the institution, as the case may be.
  - d) The leaflet specified in clause (a) of Regulation 6.2 of these Regulations shall contain a calendar of events and activities laid down by the institution to

- facilitate and complement familiarization of freshers with the academic environment of the institution.
- e) The institution shall, on the arrival of senior students after the first week or after the second week, as the case may be, schedule orientation programmes as follows, namely;
  - i. joint sensitization programme and counselling of both freshers and senior students by a professional counsellor, referred to in clause of Regulation 6.1 of these Regulations;
  - ii. joint orientation programme of freshers and seniors to be addressed by the Head of the institution and the anti-ragging committee;
  - iii. organization on a large scale of cultural, sports and other activities to provide a platform for the freshers and seniors to interact in the presence of faculty members;
  - iv. in the hostel, the warden should address all students; and may request two junior colleagues from the college faculty to assist the warden by becoming resident tutors for a temporary duration.
  - v. as far as possible faculty members should dine with the hostel residents in their respective hostels to instil a feeling of confidence among the freshers.
- f) The institution shall set up appropriate committees, including the course-incharge, student advisor, Wardens and some senior students as its members, to actively monitor, promote and regulate healthy interaction between the freshers, junior students and senior students.
- g) Freshers or any other student(s), whether being victims, or witnesses, in any incident of ragging, shall be encouraged to report such occurrence, and the identity of such informants shall be protected and shall not be subject to any adverse consequence only for the reason for having reported such incidents.
- h) Each batch of freshers, on arrival at the institution, shall be divided into small groups and each such group shall be assigned to a member of the faculty, who shall interact individually with each member of the group every day for ascertaining the problems or difficulties, if any, faced by the fresher in the institution and shall extend necessary help to the fresher in overcoming the same.

- i) It shall be the responsibility of the member of the faculty assigned to the group of freshers, to coordinate with the Wardens of the hostels and to make surprise visits to the rooms in such hostels, where a member or members of the group are lodged; and such member of faculty shall maintain a diary of his/her interaction with the freshers under his/her charge.
- j) Freshers shall be lodged, as far as may be, in a separate hostel block, and where such facilities are not available, the institution shall ensure that access of seniors to accommodation allotted to freshers is strictly monitored by wardens, security guards and other staff of the institution.
- k) A round the clock vigil against ragging in the hostel premises, in order to prevent ragging in the hostels after the classes are over, shall be ensured by the institution.
- 1) It shall be the responsibility of the parents/guardians of freshers to promptly bring any instance of ragging to the notice of the Head of the Institution.
- m) Every student studying in the institution and his/her parents/guardians shall provide the specific affidavits required under clauses (d), (e) and (g) of Regulation 6.1 of these Regulations at the time of admission or registration, as the case may be, during each academic year.
- n) Every institution shall obtain the affidavit from every student as referred to above in clause of Regulation 6.2 and maintain a proper record of the same and to ensure its safe upkeep thereof, including maintaining the copies of the affidavit in an electronic form, to be accessed easily when required either by the Commission or any of the Councils or by the institution or by the affiliating University or by any other person or organisation authorised to do so.
- o) Every student at the time of his/her registration shall inform the institution about his/her place of residence while pursuing the course of study, and in case the student has not decided his/her place of residence or intends to change the same, the details of his place of residence shall be provided immediately on deciding the same; and specifically in regard to a private commercially managed lodge or hostel where he/she has taken up residence.
- p) The Head of the institution shall, on the basis of the information provided by the student under clause (o) of Regulation 6.2, apportion sectors to be assigned to members of the faculty, so that such member of faculty can maintain vigil and report any incident of ragging outside the campus or en route while commuting

- to the institution using any means of transportation of students, whether public or private.
- q) The Head of the institution shall, at the end of each academic year, send a letter to the parents/guardians of the students who are completing their first year in the institution, informing them about these Regulations and any law for the time being in force prohibiting ragging and the punishments thereof as well as punishments prescribed under the penal laws, and appealing to them to impress upon their wards to desist from indulging in ragging on their return to the institution at the beginning of the academic session next.
- 6.3 Every institution shall constitute the following bodies; namely,
  - a) Every institution shall constitute a Committee to be known as the Anti-Ragging Committee to be nominated and headed by the Head of the institution, and consisting of representatives of civil and police administration, local media, Non Government Organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students belonging to the freshers' category as well as senior students, non-teaching staff; and shall have a diverse mix of membership in terms of levels as well as gender.
  - b) It shall be the duty of the Anti-Ragging Committee to ensure compliance with the provisions of these Regulations as well as the provisions of any law for the time being in force concerning ragging; and also to monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the institution.
  - c) Every institution shall also constitute a smaller body to be known as the Anti-Ragging Squad to be nominated by the Head of the Institution with such representation as may be considered necessary for maintaining vigil, oversight and patrolling functions and shall remain mobile, alert and active at all times. Provided that the Anti-Ragging Squad shall have representation of various members of the campus community and shall have no outside representation.
  - d) It shall be the duty of the Anti-Ragging Squad to be called upon to make surprise raids on hostels, and other places vulnerable to incidents of, and having the potential of, ragging and shall be empowered to inspect such places.
  - e) It shall also be the duty of the Anti-Ragging Squad to conduct an on-the-spot enquiry into any incident of ragging referred to it by the Head of the institution or any member of the faculty or any member of the staff or any student or any

- parent or guardian or any employee of a service provider or by any other person, as the case may be; and the enquiry report along with recommendations shall be submitted to the Anti-Ragging Committee for action under clause (a) of Regulation 9.1.
- f) Provided that the Anti-Ragging Squad shall conduct such enquiry observing a fair and transparent procedure and the principles of natural justice and after giving adequate opportunity to the student or students accused of ragging and other witnesses to place before it the facts, documents and views concerning the incident of ragging, and considering such other relevant information as may be required.
- g) Every institution shall, at the end of each academic year, in order to promote the objectives of these Regulations, constitute a Mentoring Cell consisting of students volunteering to be Mentors for freshers, in the succeeding academic year; and there shall be as many levels or tiers of Mentors as the number of batches in the institution, at the rate of one Mentor for six freshers and one Mentor of a higher level for six Mentors of the lower level. Every University shall constitute a body to be known as Monitoring Cell on Ragging, which shall coordinate with the affiliated colleges and institutions under the domain of the University to achieve the objectives of these Regulations; and the Monitoring Cell shall call for reports from the Heads of institutions in regard to the activities of the Anti-Ragging Committees, Anti Ragging Squads, and the Mentoring Cells at the institutions, and it shall also keep itself abreast of the decisions of the District level Anti-Ragging Committee headed by the District Magistrate.
- h) The Monitoring Cell shall also review the efforts made by institutions to publicize anti-ragging measures, soliciting of affidavits from parents/guardians and from students, each academic year, to abstain from ragging activities or willingness to be penalized for violations; and shall function as the prime mover for initiating action on the part of the appropriate authorities of the university for amending the Statutes or Ordinances or Bye-laws to facilitate the implementation of anti-ragging measures at the level of the institution.

# 6.4 Every institution shall take the following other measures, namely;

a) Each hostel or a place where groups of students reside, forming part of the institution, shall have a full-time Warden, to be appointed by the institution as per the eligibility criteria laid down for the post reflecting both the command

- and control aspects of maintaining discipline and preventing incidents of ragging within the hostel, as well as the softer skills of counselling and communicating with the youth outside the class-room situation; and who shall reside within the hostel, or at the very least, in the close vicinity thereof.
- b) The Warden shall be accessible at all hours and be available on telephone and other modes of communication, and for the purpose the Warden shall be provided with a mobile phone by the institution, the number of which shall be publicised among all students residing in the hostel.
- c) The institution shall review and suitably enhance the powers of Wardens; and the security personnel posted in hostels shall be under the direct control of the Warden and their performance shall be assessed by them.
- d) The professional counsellors referred to under clause (o) of Regulation 6.1 of these Regulations shall, at the time of admission, counsel freshers and/or any other student(s) desiring counselling, in order to prepare them for the life ahead, particularly in regard to the life in hostels and to the extent possible, also involve parents and teachers in the counselling sessions.
- e) The institution shall undertake measures for extensive publicity against ragging by means of audio-visual aids, counselling sessions, workshops, painting and design competitions among students and such other measures, as it may deem fit.
- f) In order to enable a student or any person to communicate with the Anti-Ragging Helpline, every institution shall permit unrestricted access to mobile phones and public phones in hostels and campuses, other than in class-rooms, seminar halls, library, and in such other places that the institution may deem it necessary to restrict the use of phones.
- g) The faculty of the institution and its non-teaching staff, which includes but is not limited to the administrative staff, contract employees, security guards and employees of service providers providing services within the institution, shall be sensitized towards the ills of ragging, its prevention and the consequences thereof.
- h) The institution shall obtain an undertaking from every employee of the institution including all teaching and non-teaching members of staff, contract labour employed in the premises either for running canteen or as watch and ward staff or for cleaning or maintenance of the buildings/lawns and employees of

- service providers providing services within the institution, that he/she would report promptly any case of ragging which comes to his/her notice.
- i) The institution shall make a provision in the service rules of its employees for issuing certificates of appreciation to such members of the staff who report incidents of ragging, which will form part of their service record.
- j) The institution shall give necessary instructions to the employees of the canteens and messing, whether that of the institution or that of a service provider providing this service, or their employers, as the case may be, to keep a strict vigil in the area of their work and to report the incidents of ragging to the Head of the institution or members of the Anti-Ragging Squad or members of the Anti-Ragging Committee or the Wardens, as may be required.
- k) All Universities awarding a degree in education at any level, shall be required to ensure that institutions imparting instruction in such courses or conducting training programme for teachers include inputs relating to anti-ragging and the appreciation of the relevant human rights, as well as inputs on topics regarding sensitization against corporal punishments and checking of bullying amongst students, so that every teacher is equipped to handle at least the rudiments of the counselling approach.
- Discreet random surveys shall be conducted amongst the freshers every fortnight during the first three months of the academic year to verify and crosscheck whether the institution is indeed free of ragging or not and for the purpose the institution may design its own methodology of conducting such surveys.
- m) The institution shall cause to have an entry, apart from those relating to general conduct and behaviour, made in the Migration/Transfer Certificate issued to the student while leaving the institution, as to whether the student has been punished for committing or abetting an act of ragging, as also whether the student has displayed persistent violent or aggressive behaviour or any inclination to harm others, during his course of study in the institution.
- n) Notwithstanding anything contained in these Regulations with regard to obligations and responsibilities pertaining to the authorities or members of bodies prescribed above, it shall be the general collective responsibility of all levels and sections of authorities or functionaries including members of the faculty and employees of the institution, whether regular or temporary, and

employees of service providers providing service within the institution, to prevent or to act promptly against the occurrence of ragging or any incident of ragging which comes to their notice.

- o) The Heads of institutions affiliated to a University or a constituent of the University, as the case may be, shall, during the first three months of an academic year, submit a weekly report on the status of compliance with Anti-Ragging measures under these Regulations, and a monthly report on such status thereafter, to the Vice-Chancellor of the University to which the institution is affiliated to or recognized by.
- p) The Vice Chancellor of each University shall submit fortnightly reports of the University, including those of the Monitoring Cell on Ragging in case of an affiliating university, to the State Level Monitoring Cell.

# 7. Action to be taken by the Head of the institution

On receipt of the recommendation of the Anti-Ragging Squad or on receipt of any information concerning any reported incident of ragging, the Head of institution shall immediately determine if a case under the penal laws is made out and if so, either on his own or through a member of the Anti-Ragging Committee authorised by him in this behalf, proceed to file a First Information Report (FIR), within twenty four hours of receipt of such information or recommendation, with the police and local authorities, under the appropriate penal provisions relating to one or more of the following, namely;

- i. Abetment to ragging;
- ii. Criminal conspiracy to rag;
- iii. Unlawful assembly and rioting while ragging;
- iv. Public nuisance created during ragging;
- v. Violation of decency and morals through ragging;
- vi. Injury to body, causing hurt or grievous hurt;
- vii. Wrongful restraint;
- viii. Wrongful confinement;
  - ix. Use of criminal force;
  - x. Assault as well as sexual offences or unnatural offences;
  - xi. Extortion;
- xii. Criminal trespass;
- xiii. Offences against property;
- xiv. Criminal intimidation;

- xv. Attempts to commit any or all of the above mentioned offences against the victim(s);
- xvi. Threat to commit any or all of the above mentioned offences against the victim(s);
- xvii. Physical or psychological humiliation;
- xviii. All other offences following from the definition of "Ragging".

Provided that the Head of the institution shall forthwith report the occurrence of the incident of ragging to the District Level Anti-Ragging Committee and the Nodal officer of the affiliating University, if the institution is an affiliated institution. Provided further that the institution shall also continue with its own enquiry initiated under clause 9 of these Regulations and other measures without waiting for action on the part of the police/local authorities and such remedial action shall be initiated and completed immediately and in no case later than a period of seven days of the reported occurrence of the incident of ragging.

#### 8. Duties and Responsibilities of the Commission and the Councils

- 8.1 The Commission shall, with regard to providing facilitating communication of information regarding incidents of ragging in any institution, take the following steps, namely;
  - a) The Commission shall establish, fund and operate, a toll-free Anti-Ragging Helpline, operational round the clock, which could be accessed by students in distress owing to ragging related incidents.
  - b) Any distress message received at the Anti-Ragging Helpline shall be simultaneously relayed to the Head of the Institution, the Warden of the Hostels, the Nodal Officer of the affiliating University, if the incident reported has taken place in an institution affiliated to a University, the concerned District authorities and if so required, the District Magistrate, and the Superintendent of Police, and shall also be web enabled so as to be in the public domain simultaneously for the media and citizens to access it.
  - c) The Head of the institution shall be obliged to act immediately in response to the information received from the Anti-Ragging Helpline as at sub-clause (b) of this clause.
  - d) The telephone numbers of the Anti-Ragging Helpline and all the important functionaries in every institution, Heads of institutions, faculty members, members of the anti-ragging committees and anti-ragging squads, district and

- sub-divisional authorities and state authorities, Wardens of hostels, and other functionaries or authorities where relevant, shall be widely disseminated for access or to seek help in emergencies.
- e) The Commission shall maintain an appropriate data base to be created out of affidavits, affirmed by each student and his/her parents/guardians and stored electronically by the institution, either on its or through an agency to be designated by it; and such database shall also function as a record of ragging complaints received, and the status of the action taken thereon.
- f) The Commission shall make available the database to a non-governmental agency to be nominated by the Central Government, to build confidence in the public and also to provide information of non-compliance with these Regulations to the Councils and to such bodies as may be authorised by the Commission or by the Central Government.

#### 8.2 The Commission shall take the following regulatory steps, namely;

- a) The Commission shall make it mandatory for the institutions to incorporate in their prospectus, the directions of the Central Government or the State Level Monitoring Committee with regard to prohibition and consequences of ragging, and that non-compliance with these Regulations and directions so provided, shall be considered as lowering of academic standards by the institution, therefore making it liable for appropriate action.
- b) The Commission shall verify that the institutions strictly comply with the requirement of getting the affidavits from the students and their parents/guardians as envisaged under these Regulations.
- c) The Commission shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission that the institution has complied with the anti-ragging measures.
- d) Any incident of ragging in an institution shall adversely affect its accreditation, ranking or grading by NAAC or by any other authorised accreditation agencies while assessing the institution for accreditation, ranking or grading purposes.
- e) The Commission may accord priority in financial grants-in-aid to those institutions, otherwise eligible to receive grants under section 12B of the Act, which report a blemishless record in terms of there being no reported incident of ragging.

- f) The Commission shall constitute an Inter-Council Committee, consisting of representatives of the various Councils, the Non-Governmental agency responsible for monitoring the database maintained by the Commission under clause (g) of Regulation 8.1 and such other bodies in higher education, to coordinate and monitor the anti-ragging measures in institutions across the country and to make recommendations from time to time; and shall meet at least once in six months each year.
- g) The Commission shall institute an Anti-Ragging Cell within the Commission as an institutional mechanism to provide secretarial support for collection of information and monitoring, and to coordinate with the State Level Monitoring Cell and University level Committees for effective implementation of anti-ragging measures, and the Cell shall also coordinate with the Non-Governmental agency responsible for monitoring the database maintained by the Commission appointed under clause (g) of Regulation 8.1.

#### 9. Administrative action in the event of ragging

- 9.1 The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed herein under
  - a) The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad.
  - b) The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;
    - i. Suspension from attending classes and academic privileges.
    - ii. Withholding/ withdrawing scholarship/ fellowship and other benefits.
    - iii. Debarring from appearing in any test/ examination or other evaluation process.
    - iv. Withholding results.
    - v. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
    - vi. Suspension/expulsion from the hostel.
    - vii. Cancellation of admission.

- viii. Rustication from the institution for period ranging from one to four semesters.
  - ix. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.

Provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.

- c) An appeal against the order of punishment by the Anti-Ragging Committee shall lie,
  - i. in case of an order of an institution, affiliated to or constituent part, of a
     University, to the Vice-Chancellor of the University;
  - ii. in case of an order of a University, to its Chancellor.
  - iii. in case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.
- 9.2 Where an institution, being constituent of, affiliated to or recognized by a University, fails to comply with any of the provisions of these Regulations or fails to curb ragging effectively, such University may take any one or more of the following actions, namely;
  - i. Withdrawal of affiliation/recognition or other privileges conferred.
  - ii. Prohibiting such institution from presenting any student or students then undergoing any programme of study therein for the award of any degree/diploma of the University. Provided that where an institution is prohibited from presenting its student or students, the Commission shall make suitable arrangements for the other students so as to ensure that such students are able to pursue their academic studies.
  - iii. Withholding grants allocated to it by the university, if any
  - iv. Withholding any grants channelized through the university to the institution.
  - v. Any other appropriate penalty within the powers of the university.
- 9.3 Where in the opinion of the appointing authority, a lapse is attributable to any member of the faulty or staff of the institution, in the matter of reporting or taking prompt action to prevent an incident of ragging or who display an apathetic or insensitive attitude towards complaints of ragging, or who fail to take timely steps, whether required under these Regulations or otherwise, to prevent an incident or

incidents of ragging, then such authority shall initiate departmental disciplinary action, in accordance with the prescribed procedure of the institution, against such member of the faulty or staff.

Provided that where such lapse is attributable to the Head of the institution, the authority designated to appoint such Head shall take such departmental disciplinary action; and such action shall be without prejudice to any action that may be taken under the penal laws for abetment of ragging for failure to take timely steps in the prevention of ragging or punishing any student found guilty of ragging.

- 9.4 The Commission shall, in respect of any institution that fails to take adequate steps to prevent ragging or fails to act in accordance with these Regulations or fails to punish perpetrators or incidents of ragging suitably, take one of more of the following measures, namely;
  - Withdrawal of declaration of fitness to receive grants under section 12B of the Act.
  - ii. Withholding any grant allocated.
  - iii. Declaring the institution ineligible for consideration for any assistance under any of the general or special assistance programmes of the Commission.
  - iv. Informing the general public, including potential candidates for admission, through a notice displayed prominently in the newspapers or other suitable media and posted on the website of the Commission, declaring that the institution does not possess the minimum academic standards.
  - v. Taking such other action within its powers as it may deem fit and impose such other penalties as may be provided in the Act for such duration of time as the institution complies with the provisions of these Regulations.

Provided that the action taken under this clause by the Commission against any institution shall be shared with all Councils.

Sd/-(**Dr. R. K. Chauhan**) Secretary

#### **Goa University**

#### Taleigao Plateau Goa

#### CIRCULAR

### (Anti-Ragging)

The Hon'ble Supreme Court vide order dated 04.05.2001 has outlined certain steps which should be taken by educational institutions so as to eliminate 'ragging' from the educational system.

Principals/Deans of Affiliated Colleges are hereby requested to strictly abide by the following guidelines instructions and ensure that ragging is eliminated from the educational system.

- 1. 'Anti ragging' movement should be initiated by the institution right from the time of admission. The prospectus form for admission must clearly mention that 'ragging' is banned in the college and anyone found indulging in 'ragging' is likely to be punished which may include expulsion from the College.
- 2. In the application form for admission attached to the prospectus, the College print an undertaking to be filled up and signed by the candidate that he/she is aware of the college approach towards 'ragging' and punishment to which he/she shall be liable if found guilty of 'ragging'. A similar undertaking should be obtained from the parent/guardian of the candidate.
- 3. The College should certify on transfer certificate issued by the institution which has an entry apart from that of general conduct and behaviour whether a student has participated in and in particular was punished for 'ragging'.

Sd/-(**Prof. Jayant S. Budkuley**) REGISTRAR



आचार्य मनिष र. जोशी

Prof. Manish R. Joshi

Secretary





## विश्वविद्यालय अनुदान आयोग **University Grants Commission**

(जिला मंत्रालय, भारत सरकार) (Ministry of Education, Govt. of India)

#### D. O. No. F. 1-15/2009 (ARC) PLIII

18th April, 2024/29 चेत्र 1946

Respected Madam/Sir.

In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, to exercise the powers conferred by clause (g) of sub-section (1) of section 26 of the University Grants Commission Act, 1956, the University Grants Commission (UGC) has notified "Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009". The Regulations are available on the UGC website www.ugc.gov.in & www.antiragging.in.

It is once again brought to your kind notice that ragging is a criminal offence and UGC has framed regulations on curbing the menace of ragging in higher educational institutions in order to prohibit, prevent and eliminate the scourge of ragging. These regulations are mandatory, and all institutions are required to take necessary steps for its implementation in toto including the monitoring mechanism. Any violation of these regulations will be viewed seriously. If any institution fails to take adequate steps to prevent ragging or does not act in accordance with these Regulations or fails to punish perpetrators of incidents of ragging suitably. Institutions will attract punitive actions as per UGC Regulations for Curbing the Menace of Ragging - 2009.

You are requested to step up anti-ragging mechanism by way of adequate publicity through various mediums; constitution of Anti-Ragging committee and Anti-Ragging squad, setting up of Anti-Ragging Cell, installing CCTV cameras at vital points. Anti-Ragging workshops and seminar, updating all websites with nodal officers' complete details, alarm bells etc. Regular interaction and counseling with the students, identification of troubletriggers and mention of Anti-Ragging warning in the institution's E-prospectus and E-information booklets/brochures must be ensured. Surprise inspection of hostels, students' accommodations, canteens, rest cum recreational rooms, toilets, bus-stands must be carried out & Anti-Ragging posters must be displayed at all prominent places like Admission Centre, Departments, Library, Canteen, Hostel, Common facilities etc. These posters are available on UGC website www.ugc.ac.in. The size of the posters should be at least 8x6 feet. Any other measure which would augur well in preventing/quelling ragging and any uncalled-for behavior/incident must be undertaken.

Students in distress due to ragging related incidents can call the National Anti-Ragging Helpline 1800-180-5522 (24x7 Toll Free) or e-mail the Anti-Ragging Helpline at helpline@antiragging.in. For any other information regarding ragging, you may please visit the UGC website i.e. www.ugc.gov.in & www.antiragging.in and contact UGC monitoring agency i.e. Centre for Youth (C4Y) on Mobile No. 09818044577 (only in case of emergency). In compliance to the directions of the Anti-Ragging Monitoring Committee constituted by Hon'ble Supreme Court of India, HEIs have to implement the following in their institutions:

- 1. Head of the Universities/Institutions must provide the details of ARC & ARS on the website,
- 2. Plan for Orientation Programme on Anti Ragging in your Universities/Institutions. The Programme should focus on key aspects of Anti Ragging Regulations and regular feedback of the students after each and every workshop/training/programme should be taken in English, Hindi and Local Language. UGC has made an IEC Kit with suitable content on ragging which is available on UGC website i.e. www.antiragging.in. This kit can be referred for the same.
- 3. The cultural dadagiri may be controlled by Head of the Universities/Institutions taking police authorities into confidence. In this regard, UGC is also issuing a separate advisory to all District Magistrate/SSP/SP of all districts.

Contd

- The concept of mentor-mentee as given out in the UGC Regulation for Curbing the Menaceof Ragging in HEis

   2009 be followed by students in all institutions to make a comfortable bond amongst Juniors and Seniors.
- The Anti Ragging Cell and Anti Ragging Squads of institutions should be empowered by provisioning of legal counsel so that airtight cases against the ragging culprits can be made.
- Henceforth for extreme ragging and suicide cases, Principal of the college and Registrar of the University will be called and will be answerable to the National Anti-Ragging Monitoring Committee for the reasons of noncompliance of UGC Regulations for ragging.
- 7. All the Councils/Regulatory Bodies must constitute a committee as and when a serious/suicide/death case is reported related to their Council/Regulatory Body to relook into the issue even when case is under police investigation. The Regulatory Bodies/Councils are also advised to appoint a legal person for the matter.
- 8. The examination (NEET/IIT JEE) causes high stress over students. There is no stress management mechanism available to cope with this. A team of good counsellors with expertise in yoga, meditation and psychology who can read stressful minds to tackle with such problematic cases need to be available. Therefore, a full time counsellor, Yoga/Meditation teacher/instructor may be appointed.
- The Committee has also instructed the Anti Ragging Monitoring Agency to be more vigilant and carry out surprise checks all across the Nation to ensure that the UGC Regulations to curb the menace of ragging are being strictly adhered to by the HEI's, Teaching Staff and the students. Punitive action as mentioned in these regulations will be taken against the defaulters.
  - UGC also drives an Anti-Ragging Media Campaign through different modes and has undertaken the following activities to promote the campaign which are available on UGC website <a href="www.ugc.gov.in">www.ugc.gov.in</a>
- UGC developed 05 TV Commercials of 30 seconds each with different perspective for Parents, Victim and Offenders.
- UGC designed and distributed 04 types of posters amongst Universities / RegulatoryAuthorities / Councils / IITs / NITs / other educational institutions for their prominent display.
- UGC consecutively organized 02 Anti-Ragging Competitions for students/faculty/generalpublic for the wider awareness of the menace of ragging.

In compliance of the 2<sup>nd</sup> Amendment in UGC Regulations, you are requested to make it compulsory for each student and every parent to submit an online undertaking every academic year at www.antiragging.in

You are also requested to implement the revised procedure for students to file an online Anti-Ragging affidavit. The student will receive an e-mail with his/her registration number. The student will forward that e-mail to the Nodal officer in his/her university/college e-mail

Universities/Colleges have to display the email address and contact number of the Nodal Officer of Anti-Ragging Committee of their university/college on their website and campus areas like Admission Centre, Departments, Library, Canteen, Hostel, and Common facilities, etc.

All HEI's are further advised to fill in the complete details of their respective Anti Ragging Committee and Anti Ragging Squad on the website i.e. <a href="https://www.antiragging.in</a> and also display these lists on the Notice Boards. Universities and Colleges are requested to insert a mandatory column in their university/college's admission form as per the given format:

Anti Ragging Undertaking Reference no:	

VANIES.

-3-

Universities are also requested to ensure strict compliance of this advisory and fill the compliance on <a href="https://www.antiragging.in">www.antiragging.in</a>. You are also requested to forward this advisory to all the colleges in your ambit with strict compliance directions. All colleges be instructed to make multiple prints of this circular and the same to be prominently displayed at all the locations visited by the students.

IT IS ONCE AGAIN REITERATED FOR THE BENEFIT OF ALL THE STAKEHOLDERS THAT RAGGING IS A CRIMINAL OFFENCE AND THE CULPRITS WILL ATTRACT PUNITIVE ACTION AS MENTIONED IN THE UGC REGULATIONS.

With kind regards.

Yours sincerely,

To.

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The Vice-Chancellor/Registrars of all Universities

(Manish Joshi)



## Government of Goa DIRECTORATE OF HIGHER EDUCATION Goa Education Complex, Porvorim-Goa

Tel:2415585/2410824

Email:dir-dhe.goa@nic.in Dated:- 30/04/2024

No. ACAD-III(B)/ANT-RAG/MISC/02/2019/

To,

1. The Registrar, Goa University, Taleigao Plateau, Goa.

The Principals of Government/Govt. Aided Colleges.

Sub:- "UGC Regulations on curbing the Menace of Ragging in Higher Educational Institutions, 2009."

Sir/Madam,

I am directed to forward herewith a copy of letter dated 18/04/2024, received from University Grants Commission, New Delhi on the subject cited above for information and necessary action.

Yours faithfully,

(Dr. Gervasio S.F.L. Mendes) Addl. Director of Higher Education

Encl: As above

Copy to:

1) Guard File

2) O/c



आचार्य मनिष र. जोशी मसिव

Prof. Manish R. Joshi

Secretary

D. O. No. F. 1-15/2009 (ARC) PLIII



विश्वविद्यालय अनुदान आयोग **University Grants Commission** 

(जिला मंत्रालय, भारत सरकार) (Ministry of Education, Govt of India)

18th April, 2024/29 fts 1946

Respected Madam/Sir.

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In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009. (Copy Attached at Annexure - 1) to exercise the powers conferred by clause (g) of sub-section (1) of section 26 of the University Grants Commission Act, 1956, the University Grants Commission (UGC) has notified "Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009". The Regulations are available on the UGC website www.ugc.gov in & www.antiragging.in.

It is brought to your kind notice that ragging is a criminal offence and UGC has framed Anti Ragging Regulations on Curbing the Menoce of Ragging in Higher Educational Institutions - 2009 in order to prohibit, prevent and eliminate the scourge of ragging. These regulations are mandatory, and all institutions are required to take necessary steps for its implementation in toto including the monitoring mechanisms. Any violation of these regulations will be viewed seriously. If any institution fails to take adequate steps to prevent ragging or does not act in accordance with these Regulations or fails to punish perpetrators of incidents of ragging suitably, it will attract punitive actions as per UGC Regulations for Curbing the Menuce of Ragging 2009.

As per the orders of Hon'ble Supreme Court a District level Anti - Ragging Committee shall be constituted. The evy. (Rev.)

Plistrict Collector / Deputy Commissioner / District Magistrate - Head of Committee.

Head of the concerned University/College/Institutions - Member.

Superintendent of Police / SSP of the District - Member.

The Additional District Magistrate - Member Secretary.

Representative of the Local Media

Representative from District level Non-Government Organizations (Actively associated in youth development programs).

Representatives from student organizations.

Local Police, Local administration as well the Institutional Authorities to ensure vigil on incidents that may come within the definition of ragging.

This District level Committee should hold preparatory meetings during the summer vacation meetings to take stock of the state of preparedness of each institution and their compliance with the policies and directions or guidelines of the appropriate bodies, the university/State/Central authorities; and this Court's guidelines in regard to curbing the menace of ragging.

You are also requested to organize publicity campaigns in this regard.

IT IS ONCE AGAIN REITERATED FOR THE BENEFIT OF ALL THE STAKEHOLDERS THAT ON THE UGC REGULATIONS BAGGING IS A CRIMINAL OFFENCE AND THE CULPRITS WILL ATTRACT PUNITIVE ACTION

With kind regards,

Yours sincerely.

Anis (Manish Joshi)

The Chief Secretary of all States/UTs The Collector/SSP/DCP/SP of all Districts.

बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002 | Bohadur Shah Jafar Marg, New Delhi-110002 Ph.: 011-23236288/23239337 | E-mail - sery age@nic.in

4/22/24, 10:11 AM

Email

Chauhan, I.A.S , Chief Secretary to Government, Government of Puducherry <cs@py.gov.in>, cs-jandk <cs-jandk@nic.in>, Advisor to LG <advisor-lgladakh@gov.in>, ajitbhonsle@yahoo.co.in, director@iitk.ac.in, smisra@iitk.ac.in

Cc:siwachsunita@gmail.com

Reply To: Anti Ragging Cell <raggingcell@yahoo.in>

With regards,

Section Officer Anti Ragging Cell University Grants Commission Benito Juarez Marg, South Campus, New Delhi -110021 Ph. 011-24112087





अपूर्वेद कुनुस्ताम

ANTI RAGGING HELPLINE: 1800-180-5522

PLEASE CONSIDER THE ENVIRONMENT BEFORE YOU PRINT THIS E-MAIL.

letter to the Chief Secretary of all States & UTs and to the Collectors SSP DCP

SP of all Districts\_0001.pdf

468 KB

# Hail you, O St. Xaviers

Hail you, O St. Xaviers,

Thyglory fair and bright,
standing lofty firm and tall your portals all dressed in light.

Seat of Knowledge and wisdom,
radiance of eternal truth, Dispel the dark of
ignorance, the penury of our youth.

Now as we march on the high ways of life,
we pledge to be true beacons of light,
We'll carry your teachings wide and far,
in virtue and knowledge our power.

We'll carry your teachings far and wide,

In virtue and knowledge abide.



