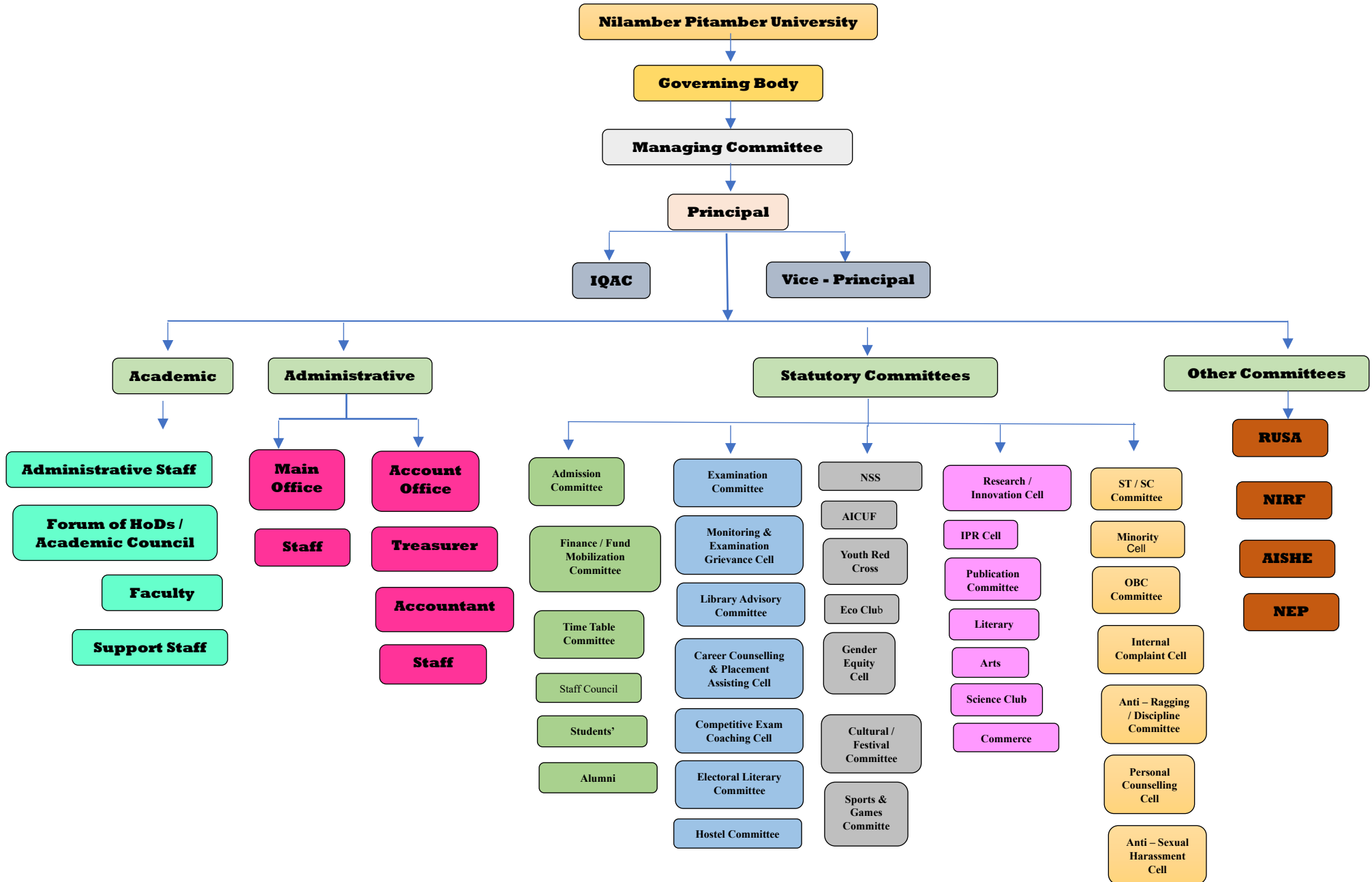


**St Xavier's College ,Mahuadanr  
Latehar -822119 ,Jharkhand**

# **Administrative Set Up**

# ST. XAVIER'S COLLEGE, MAHUADANR

## Organogram





# IQAC (Internal Quality Assurance Cell) / NAAC (National Assessment and Accreditation Council)

- ◆ IQAC is a significant administrative body responsible for quality enhancement and sustenance. It takes prime responsibility to initiate, plan and supervise various activities which are necessary to increase the quality of the education imparted in the college. Major steps are taken to set long-term high standards in teaching, learning and evaluation.

## Activities:

- ◆ Knits together various college programs and activities as well as documentation and publications which are effective in enhancing the quality in higher education.
- ◆ Develops quality culture in the institution and faculty development to attain and maintain the

required level of knowledge and technology for participatory teaching and learning process.

- ◆ Conducts internal, academic as well as administrative audits.
- ◆ Arranges a procedure to get an organic feedback from students, parents and other stakeholders on quality-related processes in the institution.
- ◆ Organizes inter and intra institutional workshops, seminars/webinars on quality related themes.
- ◆ Prepares Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC to be submitted to NAAC.
- ◆ Prepares the Self-Study Report (SSR) with the help of the teaching faculty and office staff and submits to NAAC for accreditation /second cycle of accreditation.



**Meeting with IQAC Members and HoDs**



**FDP by Registrar of St. Xavier's College, Ranchi (Autonomous)**



**NAAC Team Addressing the Staff**



**Meeting with the GB Members**



**Interaction and Discussion with the IQAC Members**



**Conduction of an International Webinar by IQAC**

## CLUBS

Inter-departmental activities create a powerful learning experience and emphasize integrated learning, critical thinking, and creative problem-solving insights. The clubs of arts, science and commerce play a key role in the students' discovering the importance of integrating the study of various academic disciplines with their cherished personal interests. They encourage individual and group activities and enable the participants to learn creative ways of solving some of the most challenging problems of today. Ample opportunities are provided to the students to boost their competitive spirit through various inter-disciplinary competitions.

### Outcome:

- ◆ Healthy competitive spirit is ignited.
- ◆ Collaborative skills are developed.
- ◆ Interest in active participation and relentless search for the solution is instilled.
- ◆ Power of comprehension is developed.
- ◆ Creative thinking is fostered.
- ◆ Communication skill is enhanced.
- ◆ Analyzing and synthesizing ability is expanded.
- ◆ Convincing power is cultivated



**Inter Departmental Quiz**



**Gandhiji's 150th Birth Anniversary Celebration**



**Awareness Program on AIDS and its Prevention**



**World Aids Day Celebration**



**Poster making Competition on Gandhian Thoughts**



**Group discussion on Eating Disorder**

## SOCIAL WELFARE CLUB

The vital assets and resources of the college are students who along with their academic commitment are passionately involved in Social welfare through extension units like NSS, YRC, Eco-club and AICUF. They work in the academic environments to inculcate and develop social sensitivity, moral values and professional ethics. They show responsible behavior to the community and society at large and grow as responsible citizens of high moral values, making valuable contributions communities and society, thus playing a major role to realize the vision and mission of the college. The major annual activities of the committees are as follows:

### National Service Scheme (NSS)

1

- ◆ Blood donation camps.
- ◆ Special NSS camp.
- ◆ Swach Bharat summer internship.
- ◆ Road repair works.
- ◆ Drug free India campaign.
- ◆ Cleanliness drive.
- ◆ Gender sensitivity awareness and development programs.
- ◆ Skill development program.
- ◆ Social awareness program.
- ◆ Social survey

### Youth Red Cross (YRC)

2

- ◆ Youth festival.
- ◆ Medical camp.
- ◆ Field work.
- ◆ Nutritious week.
- ◆ Blood donation camp.
- ◆ Fire extinguisher demo classes.
- ◆ Organic farm.
- ◆ AIDS awareness campaign.
- ◆ Visual casing program.
- ◆ Fuel control and prevention program.

### All India Catholic University Federation (AICUF)

3

- ◆ Leadership camps.
- ◆ MAGIS programs.
- ◆ State level meets.
- ◆ Outreach programs.
- ◆ Rural exposure camps.
- ◆ National summer camp.
- ◆ Rallies for a cause.
- ◆ Helping indigenous people to assert their rights.
- ◆ Inter-College meetings and student exchange programs.
- ◆ State level camp during puja holidays.

### Eco-club:

4

- ◆ Orientation program for students and staff on environmental obligations.
- ◆ Cleanliness campaign.
- ◆ Campus beautification programs.
- ◆ Environmental awareness campaigns.
- ◆ Maintaining eco-garden.
- ◆ Observance of environment related days.
- ◆ Best out of waste program.
- ◆ Energy conservation programs.
- ◆ Species conservation program.
- ◆ Planetary protection programs.



**Plantation – Save Earth**



**“Donate Blood , Save life”**



**Plant a tree and make the environment pollution free**



**“Serve society, help one another”**



**AICUF State Camp on Challenges faced by Indigenous People in Indian Democracy**



**AICUF Inter College Meet, SXCM and SXCR**

# Know your Rights

→ **Minority Committee**

→ **Scheduled Casts Committee**

→ **Scheduled Tribes Committee**

→ **Other Backward Classes Committee**

Everyone has basic rights to build a more just and peaceful world. The committees of Minority, SC, ST, and OBC are active in creating and maintaining safe, healthy and supportive environment for staff and students in the campus.

- ◆ Addresses the issues of staff and students belonging to different categories.
- ◆ Facilitates financial support from

- ◆ Governmental agencies and other sources.
- ◆ Actively promotes the planning process of socio-economic development.
- ◆ Emphasizes equal opportunities for education.
- ◆ Gives information of their rights and opportunities guaranteed by the constitution.



**Workshop on Human Rights**



**Video Presentation on You and Your Rights**



**Celebrate Human Rights Day Everyday**



**Raise your voice for the welfare of society**



**No one shall be deprived of his/her rights**



**Strengthening girls' participation in democracy**

# POSITIVE REINFORCEMENT

Discipline is the refiner's fire by which talents become abilities. The college insists on discipline as an important aspect of student's life. When it is accepted as a helpful ingredient of life, the students are able to utilize their time effectively for different activities according to the timetable. Discipline helps them to concentrate on studies, to obtain better grades as well as achieve larger goals of life. The committees of personal counseling, discipline, anti-sexual harassment cell and grievance redressal cell help in creating a grievances free conducive atmosphere for quality higher education.

## Personal Counseling Cell

**1**

- ◆ Arranges orientation programs for students to emphasize personal counseling.
- ◆ Prepares an up-to-date list of resources, information, referral and energy support available to clients.
- ◆ Arranges talks from different fields.
- ◆ Documents the escalating frequency and severity of mental health concerns of college students.
- ◆ Provides individual counseling in the areas of personal, educational, inter-personal, family and social problems.
- ◆ Supports teachers and parents to aid students in developmental goals.
- ◆ Helps students to focus on problem- solving skills.

## Anti-Sexual Harassment Cell

**2**

- ◆ Provides a healthy and congenial atmosphere for the staff and students of the college.
- ◆ Upholds zero tolerance towards sexual harassment.
- ◆ Develops principles and procedures for combating sexual harassment.
- ◆ Promotes measures aimed at achieving gender equality and eradication of gender bias, discrimination and sexual harassment.
- ◆ Organizes awareness programs for the benefit of all the members of the college.

## Grievances Redressal Cell

**3**

- ◆ Ensures a democratic environment in the campus.
- ◆ Acquaints all teachers and students with their rights and duties.
- ◆ Solves the various personal and education related grievances of the teacher- student.
- ◆ Makes the institute student friendly.
- ◆ Ensures the qualitative as well as quantitative development of the college.



## Discipline Committee

4

- ◆ Frames the rules and regulations of the committee.
- ◆ Makes everyone aware of the discipline of the college.
- ◆ Encourages the students to maintain discipline. Takes disciplinary action based on the rules and regulations of the college.
- ◆ Maintains discipline in the campus, college premises and in the classroom
- ◆ Creates a safe, motivating and acceptable college environment.
- ◆ Suggests measures for inappropriate behavior including progressive discipline.



**"Educate women, empower the nation"**



**Bring forth women to realize the dream of equality**



**"Caring everyone is our passion"**



**Workshop on developing a positive attitude towards life**



**"Gender inequality: Burning human issue"**



**"Teach the next generation to care for women and children"**

## Right to life and liberty



### Women Empowerment Cell

Women are crucial for the upliftment and progress of our nation. The cell of gender equity and women empowerment moulds and enlightens the young minds and paves the way for them to grow into balanced and better human beings. This cell encourages female students to be self-reliant and economically independent. Positive self-esteem and confidence are instilled in the female students to take the right decision for their lives. Awareness programs make them conscious of social, legal and constitutional rights of women which prevent exploitation based on gender. In order to eliminate deep rooted evil of gender bias and discrimination the following activities are taken up by the committee.

- ◆ Identifies girls with strong spirited leadership who can be 'change-makers'.

### Gender Equity Cell

- ◆ Promotes culture of respect and equality for female gender.
- ◆ Organizes awareness programs on gender sensitization.
- ◆ Provides opportunities for girls to be mentally and emotionally empowered to promote their growth.
- ◆ Arranges seminars to create awareness on the economic, social, political, and legal rights of women.
- ◆ Organizes different activities like sports and games to make them physically fit and healthy and teach them self-defensive strategies.
- ◆ Conducts various competitions to encourage their artistic talents for creative thinking.



**"Youth can Change the World"**



**Educate Women –  
Empowerment of Women**



**"Every Woman is a Hero"**



**Women in Forefront**



**Empowerment of Women :  
Need of the Hour**



**Say No to Gender Bias**

## Team Work makes the Dream Work

Teamwork is the reality of persons and units working together as a team towards the realization of a common vision. It involves the unification of the individual resources towards organizational objectives. Teamwork propels ordinary people to achieve extraordinary results. The various units like administrative council, staff council, admission committee, HoDs forum and finance committee work together as one body for various areas of academic and administrative development. These committees working together form a reservoir of resources for problem solving as well as making decisions for fuller realization of the vision of the college. Even informal interactions and discussions are effective in enhancing the identity of the college.

### Administrative Council 1

- ◆ Plans for annual programs and activities.
- ◆ Formulates and executes educational policies.
- ◆ Coordinates administrative and supervisory activities.
- ◆ Provides necessary leadership.
- ◆ Evaluates teaching personnel and college programs.

### Forum of HoDs 2

- ◆ Decides on the various activities concerning academic and administrative work.
- ◆ Conducts industrial tours and makes tie-up with industry experts.
- ◆ Organizes seminars/webinars/workshops/conferences /FDPs.
- ◆ Promotes productive discussions for the welfare of the college.
- ◆ Encourages university and community service activities.
- ◆ Enforces faculty responsibilities as well as protects faculty rights and privileges.

### Finance Committee 3

- ◆ Prepares annual budget estimates.
- ◆ Obtains audit reports.
- ◆ Processes the requests received from the departments.
- ◆ Monitors income and expenditure and takes action on revising the budget plan.
- ◆ Reviews and makes recommendations regarding long-term capital plans.

### Staff Council: 4

- ◆ Facilitates communication among the staff and college management.
- ◆ Creates awareness of various college policies.
- ◆ Assists the decision-making processes for safeguarding the interest of the staff.
- ◆ Nominates staff representatives as members of various committees of the college.
- ◆ Provides ideas for overall progress of the college.
- ◆ Recommends new policies or changes in the existing policies pertaining to the staff.
- ◆ Advocates professionalism and supports opportunities for the staff.
- ◆ Makes the working environment of the college enjoyable and enriching for all.

## Admission Committee

5

- ◆ Assists the management in getting maximum admissions in various courses.
- ◆ Takes online admissions through Chancellor's Portal.
- ◆ Prepares the list of admitted students and submits to the principal.
- ◆ Checks the original documents of the students.
- ◆ Keeps personal file of the students with proper certificates.
- ◆ Sorts out lists of students based on General, OBC, SC/ST and Minority, percentage wise.
- ◆ Organizes camps for admission purpose.
- ◆ Ensures transparency in admission.
- ◆ Revises and updates college prospectus.
- ◆ Sends admission report to the university.



**Faculty Development Program**



**Faculty Meeting**



**Expression of Gratitude**



**Celebrating Team Spirit**



**The Importance of Teamwork**



**Workshop on Unity in Diversity**

## HUMAN RESOURCE DEVELOPMENT



Competitive exam & coaching cell, career counseling and placement cell have been established in the college with a view to develop professional competencies in the students to get guidance and counseling. Further, the students get trained to get placement in jobs. These trainings are carried out under the able guidance of faculty members who are professionally trained. The programs are well planned, designed and executed through the committees with which senior members of the faculty are associated. The committees endeavor to accomplish the following activities in the light of the aim specified.

### Competitive Exam & Coaching Cell:

- ◆ Trains and grooms the students for various competitive examinations through the concerned subject faculties.
- ◆ Introduces the various advertisements and nature and structures of different competitive examinations.
- ◆ Arranges lectures by eminent personalities on current affairs and pressing issues.
- ◆ Provides comprehensive and quality study materials.
- ◆ Develops competitive exam skills through different types of objective and aptitude tests.
- ◆ Group discussions, debate and news analysis are organized to equip the students with updated information and skills in discussions and debates.

### Career counseling and Placement Cell:

- ◆ Helps the students to become aware of the various job opportunities in the central and state governments.

- ◆ Fosters the progress in self-awareness and decision making ability through psychological testing and other assessment measures.
- ◆ Helps the students to choose the areas they are interested in.
- ◆ Helps the students to become competent to meet the demands of the industries recruitment process.
- ◆ Motivates students to develop technical knowledge and soft skills in terms of career planning and goal setting.
- ◆ Aims to enable the students to get job placement through campus and off-campus interviews conducted by the companies.
- ◆ Organizes training programs to improve communication skills and soft skills.
- ◆ Enhances their ability to speak in English and face an interview.
- ◆ Arranges industrial exposure to choose best career options.



**Opportunities bring forth Changes**



**"Technology is Best when it brings People Together"**



**"Believe You Can and You are Halfway There"**



**"Motivate People to Believe in Themselves"**



**Discussion: A Way to Develop Critical Thinking**



**Interaction: the Best Way to Broaden One's Mind**

# Voice of the Student Body

The students' council is the voice of the student body and it provides effective leadership and learning opportunities to the students. Among other things, it gives the students an opportunity to develop managerial skills by organizing and carrying out college activities. It plans the events through sharing of ideas, interests and concerns to contribute to the benefit of the college and community welfare. Student council provides ample opportunities to the students to take on leadership roles, channel the opinions of the students and solve problems. Students' council takes responsibility for the brand enhancement of the campus and constantly strives toward making the experience of the students more comfortable and enriching.

## Role of the Students' Council

- ◆ Identifies the problems encountered by the students in the college and helps to solve them.
- ◆ Communicates its opinion on anything concerning the students to the college administration.
- ◆ Promotes and encourages the involvement of students in organizing college activities.
- ◆ Organizes educational and recreational activities

for students.

- ◆ Participates in developing the college educational projects.
- ◆ Ensures that all events, activities and interactions on campus are done in a manner acceptable to the culture and norms of the college.
- ◆ Encourages the involvement of the students and the teachers in all curricular, co-curricular and extra-curricular activities.



**Orientation Program for Student Council Members**



**Students' Council Members with Council Facilitators**



**Student Council Members with the Principal**



**Address of the Students' Union President**



**Students Exchange Program**



**Students' Council Meeting**





## Our College in Press Media

Publications committee is established for enabling the timely publication of college news in the media, magazine, news bulletins, and updates of website. The ultimate mission of the committee is to publish quality materials to inform, engage, inspire and entertain a diverse readership, including alumni, faculty, staff, students, parents and other friends of St. Xavier's College by presenting an intimate, timely and honest portrait of the college: its vision-mission, people, programs, history, challenges, and resources.

- ◆ Updates the information posted on the website.
- ◆ Reviews and approves the information before public dissemination.
- ◆ Promotes excellence by creating opportunities for diverse participation.
- ◆ Provides opportunity to students to exhibit their abilities.
- ◆ Coordinates writing groups.
- ◆ Updates the web site every fortnight and provides information of special programs.
- ◆ Places admission notifications, important circulars, college information etc.



# RESEARCH

Research has always been an integral part of academic life. Students are introduced to research only after they earn their bachelor's degrees and move into post graduate studies. But St. Xavier's College provides the students with research opportunity which includes creative projects, surveys, analytical test regarding community issues on health, diseases and education. Such projects allow students to learn their major field in greater depth while working under the mentorship of a faculty member. Research cell also persuades the faculty towards research, innovation and excellence. It assesses the quality of research work and publication.

## Research Cell

- ◆ Encourages research activities in the college through science exhibition, technical fest, workshop, seminar etc.
- ◆ Proposes allocation of funds for research activities from different agencies.
- ◆ Monitors the progress in research publication in the college.
- ◆ Subscribes the latest and recent research journals and publications useful for research work.
- ◆ Promotes periodic research activity in all departments.
- ◆ Re-evaluates major / minor research projects, internship for the students.
- ◆ Encourages industrial visits for latest research trends.
- ◆ Stimulates discussions of research ideas and methodologies.



**Way to Discovery**



**Way to Create New Knowledge**



**"No Research without Action,  
No Action without Research"**



**Research is to Think What Nobody  
else has Thought**



**Collection and Preservation of  
Plant Specimens**



**Desire and Excitement for  
New Discoveries**

## Culture and Heritage

### Cultural committee

Cultural committee of SXCM is a key body responsible for the 'tango factor' during the students' college life. The committee shoulders the responsibility to nurture and train the students to bring out their hidden talents that showcase their artistry in the field of performing and fine arts. To promote and develop the cultural side of the students the cultural committee arranges and conducts various extra-curricular activities throughout the academic year. Through such events the college gives its students the opportunity to overcome their inhibitions and exhibit their aptitude in the cultural realm.

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activities throughout the academic year. Through such events the college gives its students the opportunity to overcome their inhibitions and exhibit their aptitude in the cultural realm.

- ◆ Enhances the college life experience through cultural and extracurricular activities amidst rigorous academic involvement.
- ◆ Unites students from diverse backgrounds and celebrates inter-communitarian festivals.
- ◆ Creates a platform to provide the students with an opportunity to display their creative talents in a variety of ways.
- ◆ Takes responsibility for youth fests, intra and inter collegiate cultural events in the college.
- ◆ Plans and schedules cultural events for the academic year.
- ◆ Organizes various competitions for different batches which keep the students involved and engaged.
- ◆ Arranges mementos for guests and gifts/certificates for the participants.



**Bhangra: Traditional Folk Dance of Punjab**



**Tribal Chain Dance – Jharkhand Culture**



**Western Dance**



**Fancy Dress Competition – "Be Unique"**



**Classical Dance**



**Dandiya Dance – Folk Dance of Gujarat**

## Alumni : Mahadanr Old Xaverians' Association (MOXA)

Alumni/ae Association is the pride of our education. It has strengthened the bond between the institute and alumni/ae. It is a way of connecting their personal successes with what they had gained from their alma mater. Xaverians association has many active members because of the strong sense of belonging of the old students and the benefit of social networking. An effective alumni/ae network gives the assurance that the alumni/ae are significant stakeholders who actively participate in the institution's developmental activities and concerns. Further, the current students derive several social, academic and professional benefits from a strong and positive relationship with the alumni/ae.

- ◆ Organizes knowledge sessions where alumni/ae share their experiences about their

work and industry.

- ◆ Imparts practical knowledge to the students, helping them to relate their current studies to the real corporate scenario.
- ◆ Mentors the first and second year students and helps and grooms them for further challenges.
- ◆ Helps in connecting the students with alumni/ae of similar interests thus giving a boost to their aspirations.
- ◆ Tracks and highlights the achievements of alumni/ae so as to provide impetus to the institute and its students.
- ◆ Provides a platform where the current students and the alumni/ae can interact for a healthy and mutually beneficial relationship.



**Once a Xaverian is Always a Xaverian**



**Alumni Meet**



**The Return of the Warriors**



**Alumni Association**



**The Future is Bright**



**Old Guards with the Torchbearers**

## MAKERSPACE

Library stands as the backbone and the most important asset of the college for all the members of the college and outsiders as well. Therefore to monitor all the functioning and development of the library, a committee called Library advisory committee has been formed. This committee has been acting as the driving force for effective functioning, improvement and development of the college for many years. All developmental activities of the library and the execution of action plans are closely monitored by the committee.



Inauguration of the Gateway to Knowledge



My Library, My Lifeline



"Books: Treasures of Life"

### Library Advisory committee

- ◆ Gets recommendation for purchase of new books from teachers and students.
- ◆ Involves itself in fostering the reading habit of staff and students.
- ◆ Keeps pace with modern technology.
- ◆ Supports research activity for the progress and qualitative development of the college.
- ◆ Provides full information and support to the teaching-learning process in the college.
- ◆ Develops collection of reading material useful for various courses.
- ◆ Formulates policies and procedures for efficient use of library resources.
- ◆ Works towards modernization and documentation services.



Book Fair at Institute Level



Library is a Tour Guide



"E-LEARNING : Online Education"

# Cross the Goal Line

## Sports Committee

The aim of Sports Committee of SXCM includes fostering team spirit, healthy competitive attitude and providing avenues for passion for sports. Hence the college has facilities for students to play, practice and participate in various sports events within and outside the college. Various tournaments in a wide range of indoor and outdoor sports are arranged throughout the year, causing adrenaline rush through the aspiring stars of tomorrow. The events not only reveal new talent on the campus but also inculcate in the students the spirit of sportsmanship, teamwork, bonding and hard-work. The college believes that the journey is more beautiful than the destination. The functions of the sports committee are the following :

- ◆ To prepare and finalize annual calendar of internal and external sports activities.
- ◆ To provide necessary training to the students in different sports activities.
- ◆ To select teams to represent the college in inter-collegiate tournaments and intramural tournaments.
- ◆ To organize training, coaching and education in sports and games.
- ◆ To promote team spirit by making healthy competition.
- ◆ To organize regular sports events in order to train students for state and national level competitions.
- ◆ To provide necessary infrastructure for the sports.
- ◆ To maintain records of sports and games events attended by students within the college, and their achievements/ awards.
- ◆ To hold annual competitions in basketball, badminton, football, chess, carom board and athletics including mini marathon.



**Inauguration of Annual Sports Day Celebration**



**We are the Champions**



**We are the Winners**



**Slow Cycle Race**



**Team Spirit – Win Spirit**



**Women Marching Ahead**

## A HUB OF TRANSFORMATION

### St. Xavier's College Girls' Hostel

St. Xavier's College Girls' Hostel is set up to provide an ideal environment for the overall development of the students so that they become responsible citizen of the society. The management feels happy and gratified to offer the hostellers a commodious and comfortable place which is meant to serve as a home away from home. Hostel life provides the best environment to internalize values of integrity, purity of conduct and compassion which are the essential qualities of human beings. Hostel life is also meant to transform the students into well-groomed and balanced persons firmly grounded in values.

### Functions

- ◆ Provides clean, safe and comfortable accommodation to the students.
- ◆ Organizes various cultural and sports events in the hostel to bring out creative abilities of students.
- ◆ Provides good healthy and hygienic food.
- ◆ Ensures that the students devote adequate time to their studies.
- ◆ Strengthens their interpersonal relationship with mutual co-operation and goodwill.
- ◆ Provides them infrastructure conducive for their life and activities in the hostel.
- ◆ Organizes different co-curricular and extracurricular activities.



**Inauguration of St. Xavier's College Girls' Hostel by Honorable VC of NUP**



**Memorable Moments with Australian Guests at Hostel**



**Self Study Hour at the College Hostel**



**Honorable VC's Visit to Girls' Hostel**



**Diwali Celebration at Hostel**



**Christmas Gathering**



# Space for Innovation

Laboratory stands as the cornerstone for research and innovation. Laboratories provide the foundation for accuracy and advances quality testing, effective reporting, and safe practices. The laboratory in-charges use technology-based decision-support tools to support appropriate use of laboratory services, and get trained virtual reality to enhance laboratory competencies. Laboratory improvement advisory committee monitors utilization of resources and quality of care in labs and makes recommendations to the Principal on issues related to the provision of latest instruments needed according to the updated syllabus of the students.

## Chemistry Laboratory 2

The chemistry laboratory provides a central laboratory infrastructure for the whole technical and scientific support in terms of planning and performance of instrumental, analytical and methodological. The technical staff supports the scientific divisions in planning and realization of sampling in laboratories or research process. The established method represents the three analytical fields of the laboratory organic, inorganic and physical. The laboratory staffs take care of best data quality assurance in the field and in the laboratory by determining the things.

## Geography Lab 2

Geography lab plays a pivotal role in enriching geographical base of a student. Learning of geography involves lot of practical knowledge and the lab equipped with modern geographical apparatus, maps and models provide ample opportunity for the students to observe and learn concepts and facts easily. The necessary part of learning that exposes students to full spectrum of disciplinary subfields: physical, human and nature-society geography as well as geographical techniques. The Lab assistants take care of best data quality assurance in the field and in the lab by determining the things.

## Botany Laboratory 2

Botany is incredibly fascinating field of study. Botany laboratory work helps reinforce what the students learn during lectures and learn how to completely break down the biological systems of a particular plant. It provides the students ability to learn plant anatomy, organization of their cells and plant organs. Field programs promptly and accurately has aided in pinpointing the distribution of the major species in Mahuadanr that is angiosperms. Students work on group projects, as well as spend many hours on their own doing research in a lab. Field investigations are also an essential part of the program; not only to collect specimens but also to prepare Herbarium. Students learn to write lab reports, field study report, identify plants' classification and prepare labels through which they learn strong writing skills.

**Physics Laboratory**

Physics is a complex structure of concepts, hypothesis, theories and observations that are interrelated in such a way that it is often difficult to separate inference based on theories from direct observations based primarily on laboratory experiments. Students understand that experimental evidence is the basis of our knowledge of the laws of physics and that physics is not merely a collection of equations and text book problems. All of the laws of physics are expression of experimentally observed phenomena in nature. In the laboratory there is an opportunity to observe and discover those phenomena directly. Laboratory work reinforces the students' understanding of fundamental concepts.

**A Meeting Point of Ambition and Imagination****"There is No Innovation and Creativity without Failure"****"Innovation: The Only Way to Win"****Creativity: Thought and Action****Innovation: The Ability to See Change as an Opportunity****Herbaria: A Space of Rare Species**