

# The Xavier Quadrant

Quarter 1, 2025



IQAC

St. Xavier's College (Autonomous), Ranchi



## Dear Students, Faculty, Alumni and Friends of St. Xavier's College, Ranchi,

Warm greetings to each one of you!

As we step into a new quarter, I take this opportunity to reflect on the vibrant progress and achievements of our college community. St. Xavier's College, Ranchi continues to uphold its commitment to academic excellence, character formation, and social responsibility. Our students have shown remarkable resilience and creativity in both curricular and co-curricular pursuits, and I commend them for their dedication.

This quarter, we witnessed several milestones—from successful research initiatives and community outreach programs to inter-college events that showcased the talents and collaborative spirit of our students and staff. I extend heartfelt appreciation to our faculty members whose tireless efforts make such accomplishments possible.

Let us continue working together to create an inclusive, innovative, and compassionate learning environment.

With best wishes,

**Dr. Fr. Robert Pradeep Kujur, SJ**  
Principal,  
St. Xavier's College (Autonomous), Ranchi



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Lucens et Ardens- 'Spreading Light and Shining Bright'

## Department Highlights



**Date : 28.02.2025**

The Department of Geography and Geology, St. Xavier's College, Ranchi, in collaboration with IQAC, successfully organized a one-day seminar on "Rocks and Mineral Resources of Jharkhand". The event featured two distinguished experts from the Geological Survey of India- Shri Shyam Sundar Singh, Director, GSI; Shri Giridhari Das, Director, GSI. who provided valuable insights. Shri Shyam shared his expertise on Gondwana Rock System in Jharkhand while Shri Giridhari shared his wisdom on the Development of the Iron-ore Belt in Jharkhand and the adjoining Odisha region.

### Objectives

- To provide the students with a thorough understanding on the evolution of the Indian shield during the Permo-Carboniferous and Precambrian Period.
- To provide in-depth knowledge of the geology of the Gondwana and Precambrian rocks and its economic potentiality.
- To understand the genesis, occurrences and importance of coal and iron ores in the states of Jharkhand and Odisha.

### Outcome

The one-day seminar on "Rocks and Mineral Resources of Jharkhand" aided the students to understand the importance and prospects of coal and iron deposits within the states of Jharkhand and Odisha. The students gained an understanding of the rock types, structure and geological setup of these regions which is an invaluable tool to understand the overall evolution of the Indian Shield.

**Date: 05.02.2025**

The Department of Geography, St. Xavier's College, Ranchi, in collaboration with the Internal Quality Assurance Cell (IQAC), successfully organized a one-day seminar on "Meteorological Data Collection and Analysis." The seminar aimed to enhance students' understanding of meteorological techniques, climate change, and their socio-economic impacts, particularly in the agriculture sector of Jharkhand. The event featured Dr. Abhishek Anand (Scientist & Head, IMD, Ranchi) as the keynote speaker. The seminar was graced by Rev. Father Principal, Dr. Robert Pradeep Kujur, SJ, along with distinguished faculty members Dr. Rajeev Ranjan Shrivastava, Dr. Sandeep Chandra, Mrs. Angelline Toppo, Mr. Godwin Pereira, and Ms. Utkarsha. Their active participation contributed to an engaging and insightful session for students and attendees.

### Conclusion

The seminar successfully enhanced awareness about meteorological data collection, climate change, and its impact on agriculture and the environment. The discussions reinforced:

- The importance of accurate weather forecasting for agriculture and disaster management.
- The urgent need for climate-resilient farming practices in Jharkhand.
- The role of technology and mobile applications in mitigating climate risks.
- The environmental impact of carbon emissions and battery disposal in the EV sector.





The insights from this seminar provided a strong foundation for future research, policy interventions, and community awareness programs in Jharkhand. By integrating meteorological data with sustainable agricultural and environmental practices, Jharkhand can work towards a more climate-resilient and economically sustainable future.

## Department Highlights



**DATE : 15.02.2025**

**Justice M.Y. Iqbal Memorial Lecture** was organised by the **Department of Political Science**, St. Xavier's College, Ranchi University and the Indian Association of lawyers on 15th February, 2025. The keynote lecture on the topic "Transformative Constitutionalism and the Right to a Fair Trial: Expanding Personal Liberty under the Constitution of India" was delivered by Hon'ble Justice Mr. Sandeep Mehta, Judge, Supreme Court of India. The opening remarks by Justice R. Bhengra, former judge, Ranchi High Court and Dr. Robert Pradeep Kujur, S.J. Principal, St. Xavier's College were followed by the keynote address by Hon'ble Justice Sandeep Mehta, Judge, Supreme Court of India. Mr.

A. K Rashidi, General Secretary, Indian Association of Lawyers; Mr. Rajendra Krishna, Chairman, Jharkhand State Bar Council; Mr. Rajeev Ranjan, Advocate General, Jharkhand, Hon'ble Mr. Anil Kumar Choudhary, Judge, Ranchi High Court and Mr. Y.S. Lohit, National Secretary, Indian Association of Lawyers also expressed their opinions on the issue. The occasion saw the gracious presence of various judges of Ranchi High Court like: Hon'ble The Chief Justice M.S. Ramachandra Rao, Hon'ble Mr. Justice Sujit Narayan Prasad, Hon'ble Mr. Justice Ananda Sen, Hon'ble Mr. Justice Deepak Roshan, Hon'ble Mr. Navneet Kumar, Hon'ble Mr. Anil Kumar Choudhary, Judges of the Ranchi High Court.





## Learning outcomes

The learning outcomes of the session were : As the Constitutionalism as a process unfolds itself, it has been found that over the last 75 years, many sections of the society like the poor, women, Adivasis and Dalits have been left behind. The ideals of liberty, equality, justice still remain a distant dream for them. Thus, the idea of Transformative Constitutionalism was developed to deliberately put efforts to empower the previously excluded sections of society with the help of their protection of socio-economic rights. The right to a fair trial, therefore, plays a quint-essential role in the incorporation of Transformative Constitutionalism through the protection of the right to life under Art.21.



## Department Highlights



**DATE : 08-03-2025**

### Talk Session on Human Rights organised on Women's Day

The [Women's Cell](#) in collaboration with the [Department of Political Science, St. Xavier's College, Ranchi](#) celebrated International Women's Day on 8th March, 2025 with much jubilation.

### Learning Outcomes

The inaugural session was followed by a talk session with the aim to sensitise the students about the various problems, challenges and issues surrounding the lives of women, and the different forms of remedies available for the same. The panel raised intriguing thought provoking questions like "How many of the girls are actually included in the decision making process of the family?" and whether their opinions are actually respected and taken into consideration. They discussed the importance of the financial independence of women and how it is intrinsic to the overall development of the society. The issues concerning the safety of women along with the significance of learning some self defense techniques was highlighted by the panel.



## Department Highlights



**DATE : 08-03-2025**

**International Women's Day :** St. Xavier's College, Ranchi IQAC in collaboration with Women's Cell celebrated International Women's Day on 8th March, 2025. St. Xavier's College, Ranchi commemorated International Women's Day 2025 with a vibrant and diverse range of activities aligned with the global IWD 2025 theme "Accelerate Action." The events aimed to promote awareness on women's issues and gender equality, celebrate women's creativity and inspire empowerment through education, art, and dialogue.

**Objective :** The International Women's Day 2025 celebrations at St. Xavier's College, Ranchi, aimed to foster awareness, dialogue, and action around gender equality, women's empowerment, and social responsibility. Through a series of thoughtfully curated events—including Nukkad Nataks, a photography competition, an arts and craft exhibition cum sale, a cosplay event, a "Best Out of Waste" competition, and an expert-led talk session on human rights—the Women's Cell sought to engage students creatively, intellectually, and emotionally. The overarching goal was to empower students to reflect on women's issues, celebrate their achievements, and envision a more equitable and inclusive society.



### Outcome:

The celebration succeeded in engaging students across disciplines and academic levels through a diverse array of events, each highlighting a unique aspect of women's experiences and aspirations. The Nukkad Nataks provoked critical thought on gender bias and violence; the photography competition encouraged students to capture and celebrate the dynamism of women in everyday life; the arts and craft exhibition nurtured creativity and entrepreneurship; the cosplay event promoted cultural awareness and celebrated female agency through powerful character portrayals; the Best Out of Waste competition instilled sustainable thinking and hands-on innovation; and the human rights talk session deepened the students' understanding of systemic challenges and actionable change. Collectively, these events not only showcased student talent and awareness but also built a campus environment that values dialogue, inclusivity, and gender justice. The overwhelming student participation, faculty engagement, and interactive nature of the programmes ensured that the message of this year's theme— "Accelerate Action"—was meaningfully communicated and internalised.





# Department Highlights

Date : 11.01.2025

Department of Commerce, St. Xavier's College, Ranchi organised a Workshop on Building a Growth mindset for Career Success.

**Speaker : Dr. Roshni Sengupta,**  
**Professor of Communication, Media & Politics,**  
**IILM, Gurgaon**

## Objectives:

The primary objective of this workshop was to help participants understand and cultivate a growth mind-set as a foundation for personal and professional development. Specific goals included:

- 1) To differentiate between a fixed mindset and a growth mindset.
- 2) To highlight the impact of mindset on career success, learning, and adaptability.
- 3) To provide practical tools and strategies to develop a growth-oriented approach to challenges and failures.
- 4) To encourage self-reflection and a proactive attitude toward continuous improvement.
- 5) To foster resilience, motivation, and a lifelong learning attitude among participants.

By the end of the session, participants were expected to leave with a stronger awareness of how their mind-set shapes their career paths and how they can actively develop a mindset that supports growth and success.



## Outcomes :

The workshop on "Building a Growth Mindset for Career Success" was an engaging and insightful session aimed at empowering participants with the mindset necessary to thrive in their personal and professional lives. The session focused on the belief that abilities and intelligence can be developed through dedication, learning, and effort. Key topics covered included the difference between a fixed and growth mindset, the importance of embracing challenges, learning from feedback, and persisting through obstacles. Through interactive activities, real-life examples, and group discussions, participants explored one can be resilient, adaptable, and continuously improve in one's career journey. The facilitator emphasized practical strategies such as goal setting, positive self-talk, and seeking learning opportunities to foster a growth mindset. Attendees were encouraged to reflect on their own attitudes toward failure and success, and to reframe setbacks as opportunities for development. Overall, the workshop provided valuable tools and motivation for participants to adopt a growth-oriented approach, ultimately helping them unlock their full potential and achieve long-term career success.



# Department Highlights

JANUARY, 2025

## 'The Literary Wall'

Department of ELL has earmarked a niche of the departmental notice board as 'The Literary Wall'. To encourage creative writing skills of the learners, the department periodically organizes a writing contest, 'Rumbles of the Mind'. On given themes, entries in prose/ verse are selected and displayed on the designated 'The Literary Wall'. The contest is held twice every semester and the board is updated accordingly.



Date : 25-01-2025

Workshop on exploring innovations policies & prospects of Biotechnology

### Objectives :

The state level workshop on Exploring Innovations Policies & Prospects of Biotechnology was organized by The Department of Higher and Technical Education in collaboration with Department of Biotechnology, Government of India, Jharkhand State Higher Education Council and Ranchi Women's College, Ranchi, on 25-01-2025.

This objective of the workshop was to facilitate the exchange of knowledge and ideas, explore potential avenues for innovation in biotechnology, analyse the impact of relevant policies, and identify future prospects and opportunities in the field.

### Outcomes:

1. The workshop facilitated discussions on existing biotechnology policies, regulations, and their effectiveness.
2. It provided a forum for exploring emerging research areas and potential future directions in Biotechnology.
3. It provided opportunity to connect participants to policymakers and other stakeholders in the field of Biotechnology.



## Department Highlights

The Department of Political Science & Electoral Literacy Club (ELC) of St. Xavier's College, Ranchi enthusiastically celebrated National Voter's Day on January 25, 2025. The event aimed to promote voter awareness and educate students about the importance of electoral participation.

The theme for this year's celebration was "Democracy in Action" emphasizing the significance of informed and ethical voting.



**DATE: 25th January 2025**

### 'National Voters' Day'

#### Objectives of the Event

The primary objective of National Voter's Day was to encourage young voters to participate actively in the democratic process. The event focused on:

- ❖ Spreading awareness about the importance of voting.
- ❖ Educating first-time voters about the electoral process.
- ❖ Promoting ethical and informed voting practices.
- ❖ Encouraging students to register as voters.





## Department Highlights

**Date: 24th and 25th March 2025**

The Department of [Biotechnology](#), [St. Xavier's College, Ranchi](#) organised a workshop on [Intellectual Property Rights \(IPR\)](#), Led by [Dr. Sanyukta Kumar](#).

### Objectives :

A group of 15 students and three faculty members participated in this workshop aimed to provide insights into IP management, filing strategies, monetization and government initiatives supporting MSMEs and startups. Participants included students, entrepreneurs, and professionals eager to learn about intellectual property enforcement and innovation.

### Outcomes:

1. Participants gained a better understanding of what IPR is and its significance in various fields like innovation, research, and entrepreneurship.
2. Workshop covered different types of IPR, such as patents, trademarks, copyrights, and trade secrets, and how they relate to specific industries or creative endeavours.
3. Workshop provided opportunities for participants to connect with experts in IPR and network with other innovators and entrepreneurs.



**Date: March 27th to 29th, 2025**

[Biotechnology for Sustainable Development \(BSD-25\)](#)

Organized by: [Birla Institute of Technology, Mesra](#).

**Objective :** To equip the research community (students, scholars, faculty) with deeper understanding of Biotechnology for sustainable development (BSD).

**Outcome :** To encourage research in the field of Biotechnology for sustainable development BIT, Mesra, Ranchi, organized a national conference on 'Biotechnology for Sustainable Development (BSD-25)' on March 27 to 29, 2025. The aim of this conference was to use the technology without environmental intervention for the betterment of human beings. Many eminent speakers from different organizations presented their research articles with innovative ideas for instance, Dr. Anurag Agarwal (Ashoka University) explained the use of AI in biological science; Dr. Alok Krishna Sinha (NEPGR, JNU campus, New Delhi) talked about MAPK signal in plant growth and adaptation; Dr. P. Sarkar (IIT Kharagpur) discussed unravelling the mysteries of deep dark biosphere of microbiota; Dr. A. R. Choudhary (IMTECH, Chandigarh) presented bioprocess and biomaterial system in biotechnology.

## Department Highlights

**Date : 7th to 9th February 2025**

Participation in Global Entrepreneurship Summit 2025, IIT Kharagpur.

Organizing Department:

Department of Computer Applications, in collaboration with Xavier's TechByte Society St. Xavier's College, Ranchi.

### Objectives :

The objective of attending the Global Entrepreneurship Summit (GES) 2025 at IIT Kharagpur was to explore entrepreneurial opportunities, interact with industry leaders, and participate in hands-on activities that foster innovation and leadership. The summit provided valuable insights through keynote sessions, panel discussions, product expos, and startup-focused events.

### Outcomes :

1. Broadened understanding of business dynamics and entrepreneurial strategies.
2. Inspiration through interaction with top-level executives, startup founders, and educators.
3. Participation in innovation expos and competitions
4. Networking with professionals and students from across the country.



**Date : 17th March 2025**

Podcast by Department of Computer Science in Collaboration with Xavier's TechByte Society

### XTS Unplugged : Beyond the Classroom

**Objectives and Outcomes :** The primary objective of the podcast was to create a platform for meaningful tech conversations, where members could learn from faculty members and share insights on trending technologies, personal journeys in tech, and the club's vision. The outcome was a successful recorded session that not only engaged the internal audience but also aimed to reach a broader listener base via online platforms. It encouraged communication, confidence, and collaboration among the members.





## Cultural & Extracurricular Events



### Parakram Diwas (23.01.25)

On the occasion of **PARAKRAM DIWAS** which is celebrated on the Birth Anniversary of Netaji Subhash Chandra Bose on 23rd January every year, 1/3 COY ST. XAVIER'S COLLEGE, 3JH BN NCC RANCHI organised an event that started with paying tribute to Netaji by lighting a lamp and offering flowers in front of his portrait. It was followed by a video display and speech on Netaji's life journey and his contribution to our country's freedom and his visions like the forming of AAZAD HIND FAUJ. One of Netaji's famous lines, after listening to which people were ready to sacrifice their lives for the country, was "TUM MUJHE KHOON DO MAIN TUMHE AAZADI DUNGA".



### National Youth Day (12.01.25)

On the occasion of the birth anniversary of Swami Vivekananda which is celebrated as National Youth Day every year, 1/3 Company St. Xavier's College, Ranchi NCC organised an awareness programme and a video screening of the historical Chicago Speech of Swami Vivekananda. In that speech, Vivekananda spoke about the spiritual unity of all human beings, transcending national, racial, and religious boundaries. He also spoke about universal tolerance and how he felt proud to belong to a country of religious tolerance, a country which gave the message of Vasudhaiva Kutumbakam (World is one family).





## Republic Day (26.01.25)

"This nation will remain the land of the free only so long as it is the home of the brave." This is to apprise that on the occasion of the 76th Republic Day of our great nation, 1/3 COY St. Xavier's College, NCC, NSS & B.Ed Ranchi performed a parade followed by a grand band display. The parade represents not just a military display, but a celebration of youth,

national spirit, and the potential of India's future generations. Also, the 1/3 COY NCC ST. XAVIER'S COLLEGE, RANCHI has the first bagpiper band contingent of BIHAR & JHARKHAND DIRECTORATE. Chief guest for this grand patriotic event was Mr. PUNIT KUMAR PODDAR, Chairman Premsons Motor Udyog Private Limited. The celebration was a successful one under the guidance of Lt. Dr. Priya Srivastava

## Cultural & Extracurricular Events



## Black Day (Pulwama Attack) (14.02.25)

"The sacrifice of the martyrs will always be a beacon of light for our nation." 1/3 COY NCC St. Xavier's College, Ranchi in collaboration with NSS, organised a candle march to observe the **BLACK DAY** to pay tribute to the martyrs who lost their lives in the Pulwama Attack on 14th February 2019. On this day, a suicide bomber targeted a convoy of Central Reserve Police Force (CRPF) personnel in Pulwama, Jammu & Kashmir, killing 40 Jawans. The Black Day honors the martyrs and reaffirms India's commitment to fighting



## Blood Donation Camp (20.03.25)

1/3 COY NCC, St. Xavier's College, Ranchi, under the auspices of the Internal Quality Assurance Cell (IQAC), organized a successful **Blood Donation Camp** on 20th March, 2025 on the occasion of International Day of Happiness and Non-Smoking Day. More than 100 Cadets took active participation. The event was held in the Fr. C De. Brouwer Auditorium in the College itself. The event was started off by the honourable Principal, Fr. Robert Pradeep Kujur, SJ.

"A Single pint can save three lives, a single gesture can create a million smiles."





terrorism. Citizens, leaders, and the armed forces pay tribute to the fallen soldiers, remembering their supreme sacrifice. The Pulwama attack remains a painful reminder of the price of national security and the ongoing struggle against terrorism. It also strengthens India's resolve to ensure that such tragedies do not repeat. A total of 250 individuals participated in the candle march which included

approximately 150 NCC cadets and 100 NSS cadets approx. The participation showed the honour and respect the youth holds for the brave soldiers of our country. The nation stands united in remembering and honoring its brave hearts. At the end ANO Lt. Dr. Priya Srivastava addressed and briefed us about the event which inspired all the cadets. Under her guidance the event was made successful.

## Cultural & Extracurricular Events



- 1) 03.01.2025 Cloth Donation Drive
- 2) 12.01.2025 Sports Equipment Donation Drive
- 3) 18.01.2025 Cleanliness Drive
- 4) 26.01.2025 Republic Day Parade

The National Service Scheme (NSS) unit of St. Xavier's College, Ranchi, organised a Cloth Distribution and Donation Drive aimed at extending warmth and support to the underprivileged sections of society. The drive symbolized a collective effort to address societal inequalities while encouraging students to embrace community service as an integral part of their education.

The NSS (National Service Scheme) unit of St. Xavier's college, Ranchi in collaboration with the Rotaract Club organized a sports equipment donation drive with the objective to collect and distribute

sports equipment to underprivileged schools and communities, promoting the importance of sports and physical activity among youth. Volunteers from the NSS unit and the Rotaract Club collected donations of sports equipment, including cricket bats, footballs, basketballs, and badminton rackets.

On the 18th of January 2025, the NSS Unit of St. Xavier's College undertook a commendable initiative to organize a cleanliness drive in observance of National Youth Week. The venue for this initiative was the statue of Swami Vivekananda at Bada Talab, strategically located behind Marwari College in Upper Bazaar, Ranchi, Jharkhand. The objective of this drive was to promote cleanliness, raise

awareness about the importance of maintaining a clean environment, and engage with the local community. The event began promptly at 7:30 am with an assembly of NSS volunteers who displayed great enthusiasm and dedication towards the cause.

The NSS troop of our college participated in the Republic Day Parade with great enthusiasm and discipline.

**“Justice, liberty and equality- the essence of our Constitution.”**

## Sports News

The Annual Sports Event of our college was held with great enthusiasm and energy, marked by the presence of our esteemed Chief Guest, Ms. Dipika Pandey Singh, Honourable Minister of Rural Development and Panchayati Raj, Government of Jharkhand. Her gracious presence greatly inspired both students and staff.

The event featured a wide array of competitive sports including football, basketball, track and field events, and several others. Students participated actively, displaying outstanding sportsmanship, teamwork, and dedication. The event provided them with a platform to showcase their athletic abilities and promote healthy competition.

Adding to the festive spirit, teachers also participated

in fun sporting activities, which brought laughter, camaraderie, and joy to the occasion. Their involvement highlighted the unity and shared spirit between faculty and students.

The successful organization of this event reflects the college's commitment to promoting a vibrant culture of extracurricular engagement. Sports activities like these play a crucial role in the holistic development of students, instilling discipline, fitness, and enthusiasm beyond academics.

The event concluded with a prize distribution ceremony, where winners were honored and appreciated for their performance and efforts. The day ended on a high note, with memories of an energetic and unifying celebration of sports.

**Best Athlete**  
of the Year (Boys)  
**Chetan Kumar Dang**  
B.A. Geography,  
Sem-V



**Best Athlete**  
of the Year (Girls)  
**Anjeeta Oraon**  
B.A. Geography,  
Sem- IV







## JHEASA Annual Conference 2025

The JHEASA Annual Conference 2025, (26th to 28th January, 2025), held at St. Xavier's College (Autonomous), Ranchi, Jharkhand, brought together a diverse group of educators, researchers, policymakers, and thought leaders from across the country and beyond. This prestigious event, hosted by the Jesuit Higher Education Association of South Asia (JHEASA), served as a dynamic platform for fostering meaningful discussions on contemporary issues in higher education, research, and social development. With the theme “Reimagining & Restructuring

Jesuit Higher Education in South Asia”, the conference aimed to explore innovative approaches to advancing higher education, promoting social justice, and bridging the gap between academia and societal needs. Through keynote speeches, panel discussions, workshops, and interactive sessions, the event provided an opportunity to exchange knowledge, share insights, and collaborate on actionable solutions that can shape the future of education and societal progress.



Aniruddha Choudhury Photograph