



# **SELF STUDY REPORT**

**FOR**

**3<sup>rd</sup> CYCLE OF ACCREDITATION**

**ULUBERIA COLLEGE**

**ULUBERIA COLLEGE, ULUBERIA, HOWRAH  
711315**

**<https://www.uluberiacollege.in/>**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

The renowned ‘**Mashtarmoshai**’ of Uluberia, **Shri. Haripada Ghoshal**, envisioned a goal of establishing a higher educational institution to provide better educational opportunities to local students, especially the girls. As a result, Uluberia College, his brain-child, started its journey on **16th August, 1948**.

Uluberia College is a government-aided general degree college, affiliated to the University of Calcutta. The college offers **16 UG courses including a B. Ed. Section, 2 PG courses, Distance Learning Centre (under NSOU), NCC & NSS courses** and a varied array of **Add-on/certificate, value added and skill development courses**. With an adequate number of experienced and enthusiastic faculties and sufficient non-teaching staff, the college caters to over seven thousand students, annually.

Uluberia College aims at providing a tech-enhanced teaching-learning environment. The **College App (One Institution; One Digital Platform)** has facilitated all stakeholders to access, include and empower themselves in the teaching-learning process. The college is well-equipped with **smart classrooms**. **Boost Biotechnology Laboratory and Central Animal Facility** are our on-campus pre-clinical research hubs. Our **Central Computer Laboratory** provides computers with highspeed internet connectivity for enriching digital education. A **Digital Language Lab** facility is also available for English and Bengali Method students. Our **Central Library** is well resourced with over **50,000 books** and is fully automated through the advanced **Integrated Library Management System (ILMS)**, using **KOHA software**.

Furthermore, the college has taken significant measures for energy conservation through installing **solar-panels, energy efficient LED lighting system and sensor-based switches in classrooms**. The campus is like a green oasis, enriched through frequent **tree plantation programmes, terrace gardening and organic water gardening**. For sustainable development, the institution has undertaken initiatives, *viz.* **e-waste management, rainwater harvesting and automatic drip irrigation system**; and has introduced courses like **bio-compost making from kitchen waste and mushroom cultivation**.

We extend **our sustainable development initiatives beyond campus** to incorporate local schools, as well. In view, the college has arranged local awareness programmes, *viz.* **Health Awareness Rallies, Book-Walks, School Campus Cleaning Drives, etc.** ‘**Mobile Library**’ was our unique outreach community activity where our students read out books, newspapers, and magazines to local elderly citizens, fostering community bonds and bridging generation gaps through shared reading experiences. The institution also interacts with **local schools through collaborative programmes like IKS awareness programmes, ‘Physics to Nurture Young Minds’ workshops** etc.

Uluberia College, thus, serves as a guiding force for educational and comprehensive development of the students and the community.

## Vision

Committed to holistic education, Uluberia College integrates technology into its diverse curriculum, fostering critical thinking, creativity, and ethical values through innovative teaching methods and research opportunities. Community engagement, fundamental to our vision, will aim to cultivate social responsibility and global awareness. We envision a tech-enhanced, nurturing, and inclusive campus culture that celebrates diversity, encourages lifelong learning, and empowers students to excel academically, socially, and professionally.

## Mission

**Mission** is, thus, the *Acquisition, Analysis and Application* of knowledge for educational excellence. We aim at Knowledge:

- **Acquisition** to address challenges and opportunities of rural communities.
- **Analysis** to critically evaluate information, problem-solving and to integrate sustainable development principles.
- **Application** for sustainable growth through internships, projects, and fieldwork, aligning with sustainable development goals; collaborations with local communities to address specific needs, innovation, and entrepreneurship, focused on sustainable solutions and research initiatives to develop sustainable practices.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

1. **Digitised Teaching-Learning:** The **College App** has revitalized the teaching-learning environment of the institution with its seamless interactive platform. It helps in keeping a digital record of all the academic and non-academic activities of the institution. An effective Learning Management System (LMS) facilitates streamlined course management, enhances student engagement, and provides valuable analytics to support educational outcomes.
2. **Library Facility:** A well-stocked library and reading facilities along with e-resources make reference work easier. The **Central Library** is fully automated using the **KOHA** library management software and provides access to over 50,000 books. The college also offers e-resources through the N-LIST program, ensuring students have access to a wide range of academic materials.
3. **Sustainability:** Uluberia College is dedicated to sustainability and has implemented various eco-friendly measures. The college utilizes solar panels for energy, employs sensor-controlled lighting in classrooms, and has systems for harvesting rainwater. The college frequently conducts tree planting campaigns and organic gardening projects, which support environmental conservation and teach students about sustainable practices.
4. **Innovative Research and Extension Activities:** The college has established a Biotechnology laboratory and a Central Animal Facility. These facilities contribute to ongoing research in various fields, particularly in areas such as biotechnology and life sciences. Various innovative extension activities like Mushroom Cultivation, Compost Farming, Scientific model development, Campus Bazaar add to the skill enhancement and entrepreneurship of students.

5. **Strong NCC & NSS Units:** The college has a robust and active NCC and NSS wing.
6. **Decentralized Administration:** The administrative responsibilities have been distributed among various dedicated committees for the smooth running of the institutional administration. Technology-driven transparent administration, along with active alumni engagement, and a dedicated grievance portal to address student concerns make the system effective.
7. **Convenient Location:** The college is conveniently located at the heart of the town, with well-connected transportation.
8. **Inclusivity Through Community Harmony:** A strong emphasis is always put forward on fostering human values like tolerance, communal harmony, and inclusivity among students and staff by nurturing a sense of fraternity, friendliness, and solidarity among stakeholders from diverse ethnic, religious, socioeconomic, cultural, and regional backgrounds.
9. **Continuous Upgradation of Infrastructure:** It ensures that facilities remain modern, functional, and responsive to the evolving needs of the institution. All classrooms and seminar halls have Wi-Fi/LAN connections. This ongoing enhancement supports a productive environment and enhances overall efficiency.
10. **Social Awareness:** Promoting sensitization and awareness of gender equality, sexual harassment, women's empowerment, and leadership through both curricular initiatives and extracurricular activities make students aware of their social responsibility.
11. **Safety and security :** Students' safety has always been under prime concern for the College authorities. Apart from 24×7 security services, the entire campus is monitored through CCTV surveillance.

### Institutional Weakness

1. **Teacher-Student Ratio:** We are constantly striving to accommodate visiting teachers to maintain a healthy teacher-student ratio within our limited scope being a Govt. aided institution.
2. **Scarcity of Fund:** The college requires more funded projects for quality research and development of patents.
3. **Infrastructure:** Given the number of students that the institution caters to, classrooms are limited. The reading space in the library is limited.
4. **Student-Computer Ratio:** Adding more computers is a part of our ongoing efforts to improve all technology oriented amenities.
5. **Sports Facilities:** The college does not have its own playground.

### Institutional Opportunity

1. **Digital literacy through college app:** Adequate usage of the College App for all academic and institutional activities promotes digital literacy.
2. **Engagement in Research activity:** Engagement of a greater number of students in research activities with the help of efficient research facilities. The current curriculum of CCF under NEP 2020, facilitates us a lot in this direction via inclusion of research oriented courses.

3. **Placement by career counselling programmes:** Placement of majority of the students can be ensured with more career counselling programmes in organised industrial sector as well as local industries.
4. **Increase in collaborative work:** Collaboration with other educational institutions, local NGOs & industries will make the teaching learning process better. MoUs signed with various colleges will increase synergic spirit. Collaboration with local industries will help the students for placement in different sectors.
5. **Community enhancement:** More community-based activities will help to boost the surroundings for a better future. The college aims at nurturing the surrounding locale of the institution.
6. **From inclusion to nurturing possiblites:** Uluberia College, holding a status of pioneering HEI in this area, caters to a huge number of students. This gives us the oppotunity to communicate viably with the society concerning with social, environmental and health related issues and awareness campaigns.

### Institutional Challenge

1. **Teacher-student ratio:** Teacher-student ratio cannot be maintained due to the admission of a huge number of students in every academic session.
2. **Infrastructural limitations:** The college faces difficulty in accommodating the bulk of students of BA courses in the classrooms. With the introduction of CCF system along with the on going CBCS system it has become a challenge for the college to provide necessary infrastructural facilities.
3. **Language barrier:** Most of the students belonging to the vernacular medium face language barriers in learning process specifically in tech-oriented education. However, the college is trying to bridge this gap through soft skill programmes.
4. **Hostel Accommodation:** The college has a Ladies Hostel building but there is an acute shortage of students requiring hostel facility.
5. **Financial background:** Uluberia College hosts most of its students coming from a weak financial background. Keeping them focused in academic direction is thus a challenge for us.
6. **Arrangement and proper allocation of fund:** Given our high student enrolment, providing adequate infrastructural and digital facilities are further institutional challenges. Ample fund allocation would be needed for new infrastructural incorporation and digital & academic upgradation.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

The Curricular Aspects form the backbone of our educational institution. However, being an affiliated college under the University of Calcutta, Uluberia College is essentially a teaching unit where the syllabi and guidelines are framed by the University.

### Curriculum Planning and Delivery

Our college operationalizes the curriculum within the overall framework provided, in one's own way depending on its resource potential, institutional goals. The college meticulously plans its academic sessions with timely preparation of academic calendars, routines, and the distribution of courses. The syllabi taught across different programmes are supplemented with experiential learning through field trips/project works.

### **Continuous Internal Evaluation**

The Continuous Internal Evaluation of the students is an integral part of the teaching-learning process, and it is conducted by the departments by means of assignments, class tests, student seminar competition, and internal assessment examination. It encourages the students to progress continuously in the semester leading to thorough understanding of the course.

### **Certificate/ Add-on Courses**

As a part of academic flexibility, every department successfully conducts several Certificate / Add On courses which have a certain inter-disciplinary and skill enhancement thrusts. These Supplementary enrichment programmes try to bridge the gap between the disciplines and our college has offered as many as 34 Add On / Certificate Courses in the academic session 2018 to 2023 on a variety of subjects which have become very popular with our students.

### **Crosscutting Issues**

The Institution capably integrates issues on professional ethics, gender, human values, and environmental sustainability to help students cope with the challenges of modern living. The crosscutting issues of professional ethics, gender, human values, environment, and sustainability are well integrated, assimilated and reflected in the existing curriculum with the aim of its enrichment. Our faculty members highlight these issues while teaching in the classrooms. Beyond academic limits, the NSS organizes various character-building ventures throughout the year. Activities such as cleanliness and plantation drives, world environment day celebrations, and awareness programs on water conservation and plastic hazards instill a sense of responsibility in college youth. These efforts enhance awareness of the environment, promoting a holistic understanding of our natural surroundings and habitat.

### **Feedback System**

We have an active process of collecting feedback from all stakeholders like students, teachers, employers, and alumni in terms of academic relevance and appropriateness. These are simultaneously being analysed and addressed issues which help to better the learning effectiveness.

### **Teaching-learning and Evaluation**

Uluberia College has exhibited a relentless zeal in enhancing the **Teaching-Learning and Evaluation** Processes of the institution.

### **Admission Process:**

- The college has adopted a **fair, transparent Online Admission** system following the **Admission circulars** and **Reservation policies** of the **State Government** and **The University of Calcutta**. The

first year enrolment percentage of the college for the last five years is **80.15%** and enrolment percentage in reserved category for the same time period is **65.69%**.

### **Experiential, Participative and Problem-solving Teaching Learning Methodologies:**

- Practical classes, project works, dissertations and assignments, field trips, internships are a part and parcel of the curricula of various departments. The college emphasizes on community based learning for the holistic development of the students; a unique initiative called “**Mobile Library**” has been launched by the institution.
- Student seminars, webinars, workshops, hands-on training programmes, skill development courses, certificate courses, debates, quizzes are organized on regular intervals. Career counseling programmes, competitions, awareness programmes on various social, cultural, environmental and life-style issues are conducted frequently. The college has active **ELC (Electoral Literacy Club), Eco-club and Drama club**.
- The students develop innovative models like **censored dustbin, water light, crystal engineering**. Practical training programmes on **Mushroom cultivation, sanitizer and soap making, essential oil preparation** are conducted in the college premises. Students also actively participate in **NCC and NSS** programmes.

### **ICT Infrastructure:**

- The college offers multifarious **ICT infrastructure** primary amongst which is the dedicated **Uluberia College App** which offers a smooth teaching-learning experience to the student and teachers. The app is a one stop go for class-routines, examination-routines, class attendance, notice circulation, library access, fees payment and all other academic as well as non-academic activities of the college. Apart from the app the college has other ICT facilities like **smart classrooms, LMS, Language Lab, Infilbnet subscription, Youtube channel** etc.

### **Faculty Profile and Strength:**

- The College boasts a diverse faculty with a blend of youthful energy and seasoned experience. **86.10% sanctioned posts for full time teachers are filled; 81.01% of whom are qualified with NET/SET/Ph. D. degrees.**

### **Internal & External Examination Procedure and Examination oriented Grievances**

- The college conducts **Internal and External Examinations** according to the university guidelines and follows a comprehensive internal assessment system to gauge student-progress.
- The institution has a dedicated **Examination Grievance Redressal Committee** that solves the examination related grievances immediately and effectively.

### **Pos, PSOs, & Cos enlistment, circulation and evaluation of their attainment:**

- The listing, dissemination, and assessment of **Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs)** have been carefully crafted by the IQAC and the Departments. These outcomes are communicated to students via the college website and notifications. The evaluation of these outcomes is carried out through various methods such as analyzing results, reviewing Attainment Portal scores, departmental meetings, tracking progress in higher education, and examining

placement records.

- **Student Profile Mapping software** is used to identify the slow, average and advanced learners.

## **Research, Innovations and Extension**

Uluberia College is committed to serve the society by developing research, innovation and extension works, thus, empowering students and research scholars to achieve excellence in education and proceed with higher studies.

### **AREAWISE ACTIVITIES:**

#### **Innovation:**

1. The Uluberia College App developed to provide student's support and ensure e-governance.
2. Boost Biotechnology laboratory and Central Animal Facility continually carrying out pre-clinical research.
3. Smart dustbins with sensor action being used.
4. Certificate Course on Mushroom Cultivation.
5. Student's operated mobile library.
6. Training students to prepare compost from kitchen leftovers.

#### **Indian Knowledge System:**

1. Identification of medicinal plants .
2. Spoken Sanskrit Course
3. IQAC organizes FDPs
4. Central library with KOHA, N-LIST and OPAC facilities.
5. All departments function for fulfilment of NEP.

### **INCUBATION CENTRE:**

1. Boost Biotechnology laboratory and Central Animal Facility developed a Preclinical Research Hub in the institution.
2. Central Computer Laboratory for students and teachers.
3. Digital Language Lab for English and Bengali method students.

#### **Intellectual Property Right:**

The institution has organized seminars and awareness/training programs regularly.



## **OTHER ACTIVITIES:**

1. Institute provides no objection/guidance for Ph.D. programme to faculty members.
2. QUEST, MUSINGS, SMRITISAMPUT, METAMORPHOSIS, LOHORI are journals/magazines published by the college.
3. The 'Sports Cell' and 'Karate Wing' activities.

## **RESEARCH PUBLICATION AND BOOK PUBLICATION:**

1. **124 papers** have been published in different journals.
2. **85 books/book chapters/papers** published in different books and conference proceedings in the last 5 years.

## **SEMINARS /WEBINARS/WORKSHOPS /CONFERENCE:**

**76 seminars/webinars/workshops/conference** in varied areas like research methodologies, IPR and entrepreneurship in the last 5 years.

## **EXTENSION ACTIVITIES/OUTREACH PROGRAMMES:**

Total **115** programmes in the last 5 years.

### **Activities include:**

- Health, social and environment awareness programmes.
- greenery mission
- gender sensitivity and women wellbeing mission
- Community engagement
- Swaach Bharat
- Puneet Sagar: clean Ganges and ban plastic use
- Road safety
- Cyber security
- Community engagement: Asha Bhavan visit
- Exchange of new innovation scheme in schools
- Blood donation camp.
- Education for all drive
- Pollution prevention
- e-waste management

## **AWARDS AND RECOGNITIONS:**

The college has received a number of awards from government organisations as well as non –government institution.

## **NUMBER OF EXTENSION/OUTREACH PROGRAMMES CONDUCTED BY THE INSTITUTE IN LAST FIVE YEARS:**

## **NSS ACTIVITIES:**

Total 51 activities performed by our NSS unit

#### **NCC ACTIVITIES:**

Total 15 activities performed by our NCC unit

#### **WOMEN'S CELL:**

Total 46 activities performed by our WOMEN'S Cell

#### **COLLABORATIVE ACTIVITIES:**

Total 46 functional MoUs with different renowned institutions have been signed in the last 5 years.

### **Infrastructure and Learning Resources**

Uluberia College, one of the oldest and largest higher educational institute in Howrah district is committed to maintaining its legacy in its strive for excellence.

#### **Academic and Physical Infrastructure**

Uluberia College covering an area of **3.1 acres and built up of 3447.66 sq m** offers 75 classrooms including well facilitated departmental laboratories covering 18 undergraduate, 2 postgraduate programs and a B. Ed section. The **BOOST** laboratory caters to an advanced research along with **centralised Computer facility**. The classrooms are well equipped with modern teaching aids like **LCD projectors with screen, Smart boards and Interactive Digital panels, with supporting tools like Google Classroom, ZOOM, Language Lab and an LMS for extended learning**. Animal house and medicinal garden offers experimental initiatives. Other facilities include **separate canteens for students and teachers, water purifiers, roof top garden, fire extinguishers and CC cameras for safety and security. Rain water harvesting, solar panels, green generator, and E waste recycling adds to sustainable initiatives**. Disabled friendly efforts include **elevator, wheelchair, ramps and washrooms. The college also offers a first aid station, regular medical check-ups, a sanitary vending machine and incinerator in girls wash room.**

#### **Library Facilities**

The college library located in the **block B** of the campus consists of the **Central library** along with some well managed **Departmental libraries**. The present number of books available are around **fifty thousand**. **There are facilities of Online Educational Resources (OER) repository, Online Attendance, Reprographic services, vending machine and Open Access Library** for students and teachers where Students can **self check-in and check-out** through College APP /QR code in library **tablets**. The library is fully automated using an advanced Integrated Library Management System (ILMS) using **KOHA Software, installed in the year 2015** which serves as the backbone of its organizational and operational activities. The library subscribes to a vast array of e-resources, including e-books, e-journals through N-LIST. The institution has memberships in **The British Council Library and USIS Library, Kolkata** which the faculty and students can access.

## Cultural Activities

**Music Club and Drama Club** have been opened for the interest of students. The college can also boast of the presence of **Uluberia College Choir** and their performances. The institution annually celebrates cultural programs and important occasions of national and international significance at the on-campus Haripada Mancha & Ishwar Chandra Vidyasagar Auditorium, and at Rabindra Bhavan, located off-campus in the local vicinity.

## Sports Facilities

The college facilitates a range of indoor and outdoor **sports amenities** including carrom, table tennis, football, cricket gear, chess, ludo and accessories for athletics. **Karate training** is regularly conducted by external trainers. **A designated ground** is available for outdoor games and sports. The institution has newly established **Student Activity Centre** for physical exercise, yoga and related activities .

## IT infrastructure

The institution is committed to maintaining **state-of-the-art IT facilities** like **College APP, LMS, online (feedback, grievance, fees payment, admission, examination) portals, student profile mapping, Wi -Fi etc. and various software with three broad band high speed internet (1 GBPS, 400MBPS and 500MBPS), one BSNL & JIO broadband** all monitored by dedicated technical staff through a **server room**. The IT facilities are **maintained through annual contracts**. The overall Wi-Fi and LAN network infrastructure are secured by **UTM** technology.

## Student Support and Progression

Uluberia College provides comprehensive support for student progression through several key initiatives.

**Scholarships and Financial Aid:** The college actively implements various government schemes, including Kanyashree, Aikyashree, SVMCM, NSP, OASIS, and the Students' Credit Card, to assist students financially. In addition, the "Student Aid Fund" offers internal support, and during the pandemic, a 50% fee waiver was granted to all students. Over the past five years, more than 30,000 students have benefited from these efforts. Philanthropic contributions further enhance financial support, helping students overcome economic barriers.

**Capacity Building and Skills Enhancement:** Uluberia College offers a range of programs designed to build skills for future success. These include soft skills, language and communication, physical activities (such as yoga and karate), health and hygiene awareness, and technological skills. Workshops provide hands-on training, fostering entrepreneurship and practical skills essential for career advancement.

**Career Counselling and Competitive Examination Guidance:** The college has trained over 24,000 students in career guidance and competitive exams in the last five years. The college has dedicated entry-in-service portal which contains more than 48000 questions in mathematics, GK and language. This support has enabled many students to pursue higher education and secure employment, demonstrating the effectiveness of the

college's career counseling services.

**Sports and Cultural Participation:** Uluberia College emphasizes both cultural and athletic development. Over the past five years, the college has organized more than 130 cultural programs, encouraging students to develop their skills. Additionally, students have participated in over 43 sports events and won approximately 56 awards, reflecting strong support for sports activities.

**Alumni Association:** The college maintains an active and registered Alumni Association that assists current students by providing valuable insights and professional connections, helping them navigate career opportunities and develop fruitful interactions with the external world. They also contribute as philanthropists.

**Grievance Redressal and Anti-Ragging Measures:** Strict protocols are followed for addressing student grievances, adhering to government and UGC guidelines. The college also enforces a comprehensive anti-ragging policy, including mandatory declarations from students and guardians, supported by dedicated grievance and anti-ragging cells.

Overall, Uluberia College's multifaceted approach ensures robust support for student development, addressing financial, academic, and personal needs effectively.

## Governance, Leadership and Management

### Institutional Vision and Leadership:

Governance, Leadership and Management of Uluberia College align with its vision and mission to **acquire, analyze and apply knowledge** for educational excellence. In the last 5 years (FY 2018 -23), it has endeavored towards NEP implementations of **CCF and ABC**, and has fully implemented **E-governance** in academic, administration, finance and student support. Our **policies**, approved by the Governing Body, are deployed through Committees and Subcommittees. **Appointments** are as per WBCSC and SACT norms.

### Strategy Development and Deployment:

The institution has incorporated **NAAC's previous recommendations** in its strategy development.

For **sustainable development**, it has introduced energy conservation measures like **drip-harvesting system, motion-sensory system, solar panels**, etc. It has extended, renovated and re-constructed its **infrastructure**, installed **fire-extinguishers** and has **filled vacant teacher-posts**.

For **student development**, IQAC has constructed **yoga, karate, and gym rooms**, initiated **value-added courses** on **soap-making, compost-making** from kitchen-waste, organized outreach activities like locality-based **medical camps**, rallies and **mobile libraries**, and has **Student Aid-Fund Policy**.

Blended Method, Experiential and **ICT-based learning** have been initiated through **College App, licensed ZOOM App** and **College YouTube**.

For **research**, IQAC publishes 'Quest' and several student journals. New research infrastructure - **Animal House** in BOOST Laboratory, **Innovation Centre, Dark Room** and **Mushroom Cultivation Room** were developed. Our faculty **Dr. Tapas Kumar Samanta** has supervised Ph.D. programs under University of

Calcutta.

### Faculty Empowerment Strategies:

For **staff's professional development**, in the last 5 years, **150 teachers** have been **reimbursed** as per Financial Support Policy and **238 teachers** have attended FDPs & RCs, organised by UGC-HRDCs and collaborative ATPs & PDPs, organised by the IQAC.

Our **Performance Appraisal System** includes document verification for **CAS**, **self-appraisal online staff reports**, **360 degree teacher's appraisal system**, **AAA SWOC Analysis** and **feedback** from all stakeholders.

Our institution has both **statutory and non-statutory staff welfare** means.

### Financial Management and Resource Mobilization:

In the last 5 years, the college has **mobilised fund** from institutions, like *Inclusion and Diversity Funding*, *Royal Society of Chemistry*, London, *TLC-IIT*, Kharagpur, etc. Fund has also been received from philanthropists, Royalty from Computer Centre, RUSA, selling scraps, e-waste management in collaboration with *Hulladek Recycling Pvt. Ltd*, etc. The institution has **utilised fund** for renovation, procurements through e-tendering, research, infrastructural maintenance, organising programs, financial support, etc.

### Internal Quality Assurance System (IQAS):

For quality assurance, IQAC has enrolled the institution in **NIRF**, has conducted **NCTE-PAR**, annual **AAA** and has organised **MoU-based collaborative activities**.

### Institutional Values and Best Practices

Uluberia College is deeply committed to fostering an inclusive, sustainable, and socially responsible educational environment through promotion of gender equity, environmental sustainability, community engagement, and cultural diversity.

### Gender Equity and Sensitization

The institution has embedded gender studies into its curriculum, alongside hosting legal awareness workshops and seminars focused on gender issues. The **Women's Cell** plays a pivotal role in ensuring the welfare and safety of female students. The college performs comprehensive **Gender Audits**.

Key infrastructure supporting these efforts include:

- **CCTV surveillance and 24x7 security** services.
- **Girls' common room** equipped with **sanitary napkin dispensers** and an **incinerator**.
- **Gymnasium** and **Karate Training** centres to encourage physical fitness and self-defence.

## Environmental and Energy Conservation

Uluberia College has taken several steps to minimize its ecological footprint. These initiatives include:

- **25 KWp Roof-top Solar Panel.**
- Conversion to **energy-efficient LED lighting** and **sensor-based switches** in classrooms.
- **Waste management** practices, including source segregation, **composting** of biodegradable materials, and **responsible e-waste disposal**.
- Implementation of **rainwater harvesting** and **water-efficient drip irrigation fixtures** to conserve water resources.

The campus has been transformed into a green space with ongoing **tree plantation drives** and **organic and medicinal gardening**. The college's efforts are validated through **ISO certifications** and regular **Green and Energy audits**.

**Disabled-Friendly, Barrier-Free Environment** through ramps, lifts, and washrooms and provisions for wheelchairs facility for Divyangjan persons.

## Inclusivity and Diversity

Uluberia College fosters **cultural, linguistic, regional, and socioeconomic inclusivity**. Various initiatives ensure that students feel a sense of belonging, including:

- **Cultural festivals** celebrating regional diversity.
- **Multilingual lesson delivery** to accommodate diverse linguistic backgrounds.
- **Financial aid** for socioeconomically disadvantaged students, along with a **subsidized canteen** for all.
- **Grievance Redressal and Inclusivity:** Special cells address **RTI, ICC, SC/ST**, and minority issues.

The **Electoral Literacy Club** plays a crucial role in educating the college community about constitutional values, rights, and responsibilities, ensuring civic participation.

## Best Practices

The college has introduced innovative practices aimed at benefiting both the campus and the wider community:

- A **mobile library** service run by students for elderly citizens, fostering intergenerational engagement.
- A self-developed **mobile app** to enhance **e-governance** and **e-learning** for students and faculty.

## Institutional Distinctiveness

Uluberia College stands out for its research initiatives focused on **novel drug development**. The institution has targeted critical health issues such as **jaundice in newborns** and **anemia in young women**, with the goal of providing affordable solutions to socioeconomically challenged communities.



## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	ULUBERIA COLLEGE
Address	ULUBERIA COLLEGE, ULUBERIA, HOWRAH
City	Uluberia
State	West Bengal
Pin	711315
Website	<a href="https://www.uluberiacollege.in/">https://www.uluberiacollege.in/</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Debasish Pal	033-3326610332	9830656487	-	uluberia_college@rediffmail.com
IQAC / CIQA coordinator	Shibsankar Das	033-26610332	7003717329	-	ssdas80@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular Day Evening

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details



State	University name	Document
West Bengal	University of Calcutta	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	05-08-2013	<a href="#">View Document</a>
12B of UGC	05-08-2013	<a href="#">View Document</a>

**Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)**

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
NCTE	<a href="#">View Document</a>	03-03-2020	12	NCTE has not mentioned any period of validity

**Recognitions**

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

**Location and Area of Campus**

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	ULUBERIA COLLEGE, ULUBERIA, HOWRAH	Semi-urban	3.1	3447.66

**2.2 ACADEMIC INFORMATION**

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Co course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,Bengali, Honours and Honours with Research IN Bengali	48	HS Passed	Bengali	269	128
UG	BA,English, Honours and Honours with Research in English	48	HS Passed	English	218	194
UG	BA,Sanskrit, Honours and Honours with Research in Sanskrit	48	HS Passed	Bengali,Sanskrit	108	25
UG	BA,History, Honours and Honours with Research in History	48	HS Passed	Bengali,English + Bengali	238	153
UG	BA,Political Science,Honours and Honours with Research in Political Science	48	HS Passed	Bengali,English + Bengali	79	71
UG	BA,Philosophy,Honours and Honours with Research in Philosophy	48	HS Passed	Bengali,English + Bengali	79	27
UG	BSc,Botany, Honours and Honours with Research in Botany	48	HS Passed	English	61	28

UG	BSc,Chemistry,Honours and Honours with Research in Chemistry	48	HS Passed	English	83	20
UG	BSc,Mathematics,Honours and Honours with Research in Mathematics	48	HS Passed	English	61	22
UG	BSc,Physics, Honours and Honours with Research in Physics	48	HS Passed	English	68	12
UG	BSc,Zoology ,Honours and Honours with Research in Zoology	48	HS Passed	English	73	38
UG	BCom,Accountancy,Honours and Honours with Research in Accountancy	48	HS Passed	English	216	50
UG	BA,B A General,Multidisciplinary	36	HS Passed	Bengali,English + Bengali	3416	2653
UG	BSc,B Sc General,Multidisciplinary	36	HS Passed	Bengali,English + Bengali	286	216
UG	BCom,B Com General ,Multidisciplinary	36	HS Passed	Bengali,English + Bengali	90	56
UG	BEd,Teachers Education,	24	Graduation	Bengali,English + Bengali	100	91
PG	MA,Bengali, IN Bengali	24	BA in Bengali	Bengali	30	30

			Honours			
PG	MSc,Mathematics,IN Mathematics	24	BSc in Mathematics Honours	English	27	4

**Position Details of Faculty & Staff in the College**

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	1				14				44			
Recruited	1	0	0	1	6	8	0	14	25	13	0	38
Yet to Recruit	0				0				6			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				78			
Recruited	0	0	0	0	0	0	0	0	37	41	0	78
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				36
Recruited	15	1	0	16
Yet to Recruit				20
Sanctioned by the Management/Society or Other Authorized Bodies				43
Recruited	29	14	0	43
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				3
Recruited	3	0	0	3
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	6	5	0	14	6	0	32
M.Phil.	0	0	0	0	1	0	2	2	0	5
PG	0	0	0	0	2	0	9	5	0	16
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	3	0	6
M.Phil.	0	0	0	0	0	0	11	6	0	17
PG	0	0	0	0	0	0	24	31	0	55
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1255	0	0	0	1255
	Female	2529	0	0	0	2529
	Others	0	0	0	0	0
PG	Male	4	0	0	0	4
	Female	30	0	0	0	30
	Others	0	0	0	0	0

**Provide the Following Details of Students admitted to the College During the last four Academic Years**

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	308	287	334	275
	Female	433	407	521	364
	Others	0	0	0	0
ST	Male	3	12	11	10
	Female	24	22	18	7
	Others	0	0	0	0
OBC	Male	205	230	278	223
	Female	378	359	444	342
	Others	0	0	0	0
General	Male	787	835	888	940
	Female	1430	1442	1614	1337
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		3568	3594	4108	3498

1. Multidisciplinary/interdisciplinary:	<p>In a multidisciplinary or interdisciplinary approach, education is not limited by subject-boundaries. The approach aims to understand complex issues not in isolation but by interlinking it with other perspectives, methods, and subjects so as to get a comprehensive and holistic view of the problem which makes finding solutions, easier. It is founded upon collaboration and synergy among different study-fields like science, humanities, social sciences, and arts, where the subsequent insights and interstices among subjects can be easily explored. Uluberia College, being affiliated to University of Calcutta, follows the syllabi and guidelines, as laid out by the university. In the academic session 2018-19, University of Calcutta introduced the Choice Based Credit System (CBCS) which shifted learning towards being multidisciplinary. For example, skill-based courses (SEC subjects), compulsory Environmental Studies, and Bengali and English language courses were introduced in all streams (Humanities, Science and Commerce). Aligning with the of National Education Policy (NEP) 2020 guidelines, the university next introduced the Curriculum and Credit Framework (CCF) system in the academic year 2023-24. This CCF system is also inclined towards the interdisciplinary approach. Within the stipulated framework, students can consider one Major discipline, one Minor discipline and one Interdisciplinary Course (IDC) along with Skill Development and Language courses. The system enables students to experience internship in specialized aspects of their chosen discipline, thereby providing them with a practical learning environment. The CCF system is a progressive way of learning that allows students to have cross-disciplinary conversations, critical thinking, problem solving and develop skills to face a global world. Additionally, the CCF gives a holistic view of education where students learn to see the connections between knowledge and real world issues. By bridging the gap between theory and practice, students appreciate the value of their education and its impact on society.</p>
2. Academic bank of credits (ABC):	<p>The Academic Bank of Credits (ABC) system is a virtual storehouse that contains information on credits, earned by individual students. It allows</p>



	<p>students to have multiple entry and exit points in a particular course as well as to seamlessly move from one institution to another, tracking their earned credits as they journey through courses and institutions. ABC Id gives the students the chance to collect their credits as well as to utilise the National Credit Transfer Framework (NCTF) where they can learn from MOOCs, made available online through govt. portals like SWAYAM, NPTEL, NDL, Swayamprabha etc. Uluberia College, affiliated with University of Calcutta, has introduced the Academic Credit Bank system from the 2024-25 session onwards. A new column has been added in the Admission Registration Form from this year, which will make it mandatory to insert the ABC Id. This is definitely one of the most welcoming steps adopted by the university, keeping in view the new CCF system, introduced from 2023-24 session in light of NEP 2020. As also being the need of the hour, this will provide students a better opportunity to venture into new avenues of learning and forge firmer grasps over skill-based learning.</p>
3. Skill development:	<p>In its attempt to reshape the dynamics of the current education system, NEP, 2020 has made a paradigm shift towards skill-based education and experiential learning, making apprenticeship and entrepreneurship, its learning objectives. The shift demands an early integration of vocational training with general academic learning. It does so to inform students about the job market-favourable skills as well as to help students to locate their respective vocations for career-building. Uluberia College, being a non-autonomous body, follows the curriculum of University of Calcutta under CBCS and CCF system which aligns with the objectives of NEP, 2020. The university curricula for UG and PG Courses have, both, theoretical knowledge and practical applications. The internal policies of Uluberia College for enhancement of its teaching-learning process is well curated to bridge the gap between skill and academics. Few such initiatives are: 1. According to the CBCS and CCF curricula, Skill Enhancement Courses are taught in programs like Chemistry, Botany, Physics, B.Ed. etc. 2. As per IQAC recommendations, thirty-two Add-on courses have been initiated which aimed at providing the much-needed knowledge exposure, outside</p>

prescribed curriculum to students. 3. The college has taken up additional initiatives to organize various skill development activities like Spoken Sanskrit Course, Communicative English Courses, Computer Concept Courses in collaboration with The Institute of Computer Engineers (India), Certificate courses in Advanced Excel Training in collaboration with Right Brains Technology etc. 4. To promote physical fitness and self-defence, the college has introduced Yoga Classes in collaboration with Sri Sri Rural Development Programme Trust, and Karate classes in collaboration with Traditional Shoto Karate Association of Bengal (TSKAB). 5. A hands-on training workshop for soap making has been conducted under the supervision of Dr. Shyamal Kumar Sarkar by the Department of Chemistry. 6. A three Months Certificate Course on “Mushroom Cultivation Practices” in collaboration with CCAE, Vidyasagar University, is carried out by the Department of Botany on particular intervals. 7. The college has introduced a certificate course on CPBFI (Certificate Programme in Banking, Finance and Insurance) in collaboration with Centum Learning Limited, a Training Partner of Bajaj Finserv Limited, to provide the students with best opportunities for career advancement and specific skill development. 8. To promote value education among the students and to nurture socially responsible citizens, the college organizes social outreach activities. A collaborative cultural programme was organized where specially-abled children from a local special educational institute “ASHA BHAVAN”, participated alongside the students of our college. The students of our college went on an outreach programme at a local orphanage “CHIRONABIN” to socialize with the children out there, thus, ensuring experiential social learning. 9. College Journal: Uluberia College releases a peer-reviewed journal titled QUEST, aiming to foster research acumen among both faculty members and students. Various departments contribute to the publication of wall magazines and e-magazines as part of their efforts to promote scholarly endeavours. 10. The Placement Cell of Uluberia College has enabled a Competitive Examination Portal for training the students for various competitive examinations in collaboration with Right Brains Technology.

<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Anchored in Indian philosophy, science, arts, literature, and spirituality, the tapestries of intellectual tradition that the IKS (Indian Knowledge System) has developed over millennia, are very rich and diverse. IKS is based on ancient texts of the Vedas, Upanishads, and the epics that provide a holistic view of life, the universe, and of existence itself. IKS thrives in the interrelationship of various branches of knowledge; it visualizes each branch not in isolation but as intertwined into each other to present knowledge as being whole, living and applicable. This holistic take on knowledge has given way to disciplines like Ayurveda, Yoga, and Vastu Shastra, where not only do the body and mind relate harmoniously, but also the human life with his environment. NEP 2020 has, thus, in its acknowledgement for the significance and relevance of IKS, has embedded it deep into the current modern education system. Its propagation for vernacular medium of learning has developed the study of local languages, art and culture. As for Uluberia College, its faculties and students have always been prompt in learning and manifesting their indigenous language, culture and knowledge. The Bangla Bhasha and Sahitya department arranges seminars and academic programmes on 21st February every year in commemoration to the International Mother Language Day. The Sanskrit Dept. has organized a Spoken Sanskrit Programme in collaboration with Sanskrit Bharti from 17th to 27th November, 2022. The practice of Yoga and meditation is quite regular among our students. College has introduced IKS as a CVAC paper in its current CCF program.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The high academic standards, across curriculum, are maintained in the institution through constant pursuit for excellence through Outcome-based Education. Strategies like continuous formative assessment and curriculum mapping are used to overcome challenges in the teaching and learning process. To align with the altering knowledge paradigms and to help students attained the prescribed learning outcomes, University of Calcutta, periodically, updates its Undergraduate &amp; Postgraduate curricula. The institute has in place a formal mentor-mentee program where faculty members take on various roles as instructors, trainers, facilitators, and mentors, as may be desired, for a certain outcome to be achieved.</p>

	Alumni seminars are held to help our students, learn from the success stories. It motivates and improves students' focus in the respective field, helping them to attain the kind of results as expected from the respective curriculum.
6. Distance education/online education:	Uluberia College, in affiliation with Vidyasagar University, offers Distance Education in Postgraduate Courses, viz. Bengali, History, Sanskrit, English, Botany, Mathematics and Zoology, since 2008. However, due to unavoidable circumstances, Postgraduate courses in Botany, Mathematics and Zoology had to be discontinued. Bachelor in Library Science Course was introduced in 2018. Under the affiliation of Netaji Subhas Open University, Undergraduate Honours and Postgraduate courses in Bengali, English, Political Science and History were introduced. Postgraduate Course in Mathematics, MLIS and MSW courses were started in 2018. Post-pandemic Distance Education Classes were resumed in the offline mode. Our Distance Education facility caters to a large section of students, who face difficulty in continuing their formal education in regular mode, thereby, enabling future learning opportunities.

### Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, the Electoral Literacy Club, made on 1st September, 2021, came to effect from 8th September, 2021. (Ref. GB resolution dated 8th Sep, 2021. Item No.13C)
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes, a students' coordinator and coordinating faculty members have been appointed by the college as members of the Electoral Literacy Club (ELC). The ELC are fully operational, reflecting our commitment to fostering civic and electoral awareness among students. The appointed coordinators, both students and faculty members, play pivotal roles in ensuring the effectiveness of ELC activities. The Club takes initiatives in conducting various awareness programs on electoral literacy, constitutional obligations, fundamental rights of citizens of India, and the basics of the Indian Constitution. Moreover, the ELC actively works to enrol eligible students for voter

	<p>registration in collaboration with the local administration. Designed to be representative in character, the ELC embraces diversity and inclusivity, encouraging active participation from all segments of the student community. Composition of ELC at Uluberia College: 1. Sandip Dolui (Coordinator) 2. Rakesh Ghosh 3. Masanur Rahaman 4. Bisakha Baidya 5. Amar Patra 6. Moumita Nandi 7. Bipra Biswas</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Uluberia College has shown a steadfast commitment to fostering electoral awareness and participation through a series of engaging events: 1. In response to the State Govt. directives, the college organized a SWEEP Program (Ref: Govt. Memo No. 1888, dt. 25.11.2021), featuring a debate and quiz competition. Furthering their efforts, the Electoral Literacy Club and Political Science Department, in collaboration with IQAC, conducted an awareness program on the Indian Election System. 2. An awareness program on Indian Election System was jointly organized by Electoral Literacy Club and Political Sc. Department in collaboration with the IQAC, Uluberia College on 13.12.2022. 3. The National Voter's Day was jointly celebrated by Electoral Literacy Club and Political Sc. Department in collaboration with IQAC, Uluberia College on 25.01.2023. A humorous yet educative role play was organized where students, dressed as Ministers, presented themselves as Opposing Party Ministers, debating on a Talk Show about the possible changes in the next State Election. It was followed with a Poster Presentation on the topic: Importance of Electoral Literacy. It emphasized on the importance of electoral literacy and active citizenship.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>In response to the West Bengal Government Order to organize a Systematic Voter's Education and Electoral Participation (SWEEP) Program (Ref: Memo No. 1888, dated 25.11.2021), Uluberia College organized a Debate and Quiz Competition on 26.11.2021. This initiative was a part of the college's broader commitment to advancing democratic values and promoting active participation in the electoral process. The debate and quiz competition aimed to engage students in discussions about electoral issues, enhancing their understanding of the electoral system and the importance of informed voting. These activities contributed to the college's efforts in</p>

	fostering civic awareness and responsibility among its students.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	<p>To address this, the Electoral Literacy Club (ELC) at the college, along with various college departments, have undertaken concerted efforts to institutionalize mechanisms that facilitate voter registration for eligible students. The ELCs conduct regular awareness programs highlighting the importance of being registered voters and provide step-by-step guidance on the registration process. Workshops and seminars are organized to educate students on the significance of their electoral rights and the procedures for enrolling in the electoral roll. Additionally, special registration drives are held on campus, where students can conveniently complete their voter registration with the assistance of trained volunteers and staff. The college also collaborates with local election authorities to ensure that the registration process is smooth and efficient. Information desks and help-centres are set up during key periods to assist students with any queries or issues, they might face while registering. These efforts aim to ensure that every eligible student at Uluberia College is enrolled as a voter, thereby strengthening their democratic participation and representation among the youth. Through these initiatives, the college has emphasized the importance of civic responsibility and the role of young voters in shaping the future of the nation.</p>

## Extended Profile

### 1 Students

#### 1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
7931	8642	7330	6726	6468
File Description		Document		
Upload Supporting Document		<a href="#">View Document</a>		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 2 Teachers

#### 2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 55

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
52	53	53	52	44

### 3 Institution

#### 3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
163.21373	86.76852	185.33437	228.46627	285.98932

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>



## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1

**The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

##### **Response:**

The institution considers effective curriculum planning and delivery as paramount and rigorously maintains it in the courses offered. Being Govt.-aided, Uluberia College adheres to the Curriculum of University of Calcutta. For quality management, IQAC strategically plans the curriculum delivery process with approval from Governing Body.

##### **1. Curriculum Planning:**

**(a) Preparation of academic calendar:** At the onset of academic years, IQAC, in consultation with academic committee and college authority, prepares an academic calendar, following the University academic calendar and holidays of Govt. of West Bengal. It includes dates for classes, events, internal and external exams.

**(b) Routine Preparation:** The Routine Committee, in alignment with the Academic Calendar, prepares a master routine, maintaining choice based credit structure.

**(c) Library books upgradation:** The College Library annually updates its catalogue. Its KOHA software provides e-services through OPAC (Online Public Access Catalogues) and N-LIST facilities.

**(d) Design and dissemination of course plan:** Each faculty prepares a teaching plan that includes detailed course plan, text books, reference books, web resources etc. and it is shared to the students prior to starting a new semester after approval of departmental meeting.

##### **2. Curriculum Delivery:**

**(a) Dedicated College App:** It is used for online exams, project work submission, user-friendly interface for staff attendance, class attendance and to conduct Add-on courses. During the pandemic, online classes were taken via the app and YouTube channel.

**(b) Teaching material:** Quality study material is uploaded in LMS well advance. Suggestive questions along with previous year are provided.

**(c) Traditional Method plus ICT tools:** Both traditional chalk-talk way and advanced experiential learning methods and flipped classrooms are used. ICT tools like Google Classrooms, Google Meet,

Zoom platform, smart panels are used to enhance learning experiences. Along with text books, power point presentations, video tutorials and laboratories are used for multi-sensory learning. Departmental field works and educational tours are conducted for experiential learning.

**(d) Adoption of collaborative learning methodology:** Students participate in quiz, debate, seminars and science competitions. MoU-based activities with other institutions like Faculty Exchange Programs, etc. are arranged.

**(e) Strict adherence to CIA:**

- **Internal and Tutorial Examination:** Formative evaluation through Internal and Tutorial Exams, are conducted as per Calcutta University examination schedule.
- **Class Tests:** Frequent class tests are conducted for formative assessment.
- **Students' Seminar:** Renowned speakers are invited to share extended views on given topics or, students share their views through seminars.
- **Remedial Coaching:** As per Internal Test scores, Remedial Coaching is provided.
- **Mentor-Mentee:** Each faculty, as mentors, are in charge of a given no. of students who ensure all-round well being of their mentee.

### 3. Review, Evaluation & Quality Assurance Measures:

**(a) Internal Audit:** Annual Internal Academic and Administrative Audit Reports are prepared.

**(b) PO, CO & PSO mapping:** PO, CO and PSO Mappings, displayed on College Website, are done to trace student achievement and to locate areas of academic weakness.

**(c) Feedback collection:** Departmental meetings and Parent-teacher meetings are organized regularly to obtain effective feedback for quality enhancement.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1

**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

**Response: 34**

File Description	Document
List of students and the attendance sheet for the above mentioned programs	<a href="#">View Document</a>
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Evidence of course completion, like course completion certificate etc. Apart from the above:	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**Other Upload Files**

1

[View Document](#)**1.2.2**

*Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years*

**Response: 57.64**

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
7753	2158	833	5214	5423

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**1.3 Curriculum Enrichment****1.3.1**

***Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum***

**Response:**

Uluberia college commits to provide a comprehensive learning to the students in terms of its academic curriculum that best fits with the crosscutting issues of Professional Ethics, Gender, Human Values, Environmental and Sustainability. This integration is accomplished through a combination of structured coursework, extracurricular activities, and institutional policies that help to instilling a strong ethical foundation and make them a responsible citizen.

**Professional Ethics**

The syllabus of the departments of **Education, English, Commerce, Philosophy and B.Ed.** covers a topic on professional ethics. These departments are extending the curriculum into learning experiences by conducting awareness programmes and seminars. The **Department of Zoology** has organized seminar **on Intellectual Property Rights** and **Women cell** has also organised Counselling on **Cyber Crime** to inculcate messages on Professional ethics.

**Gender concern**

The curriculum of the departments of **History, Education, Political science, English and B.Ed.** deals with the course that shed lights on issues concerned to **gender and social reforms, Gender relations, Women movement, Education of women, gender and sexuality**.

College celebrates the **International Women's Day** by organizing the programme on topics like **Women empowerment, Save the Girl Child, Legal Awareness on Safety of women, debates on gender related topic** etc. College also provides '**Tilottama Samman**' to the women who make our college campus clean.

**Human Values**

The fundamentals of the human values are illuminated in the curriculum framework of the social sciences subjects like **Economics, Philosophy, Bengali and English**. The subject's matters are intended to woven compassion, empathy and social responsibilities in a graduate. The concepts of social processes and social wellbeing are taught under Human Geography.

**Environment and sustainability**

The syllabi of **Economics, Botany, Chemistry, Microbiology, B.Ed., and Education** cover various aspects of the environment, including the biosphere, ecosystems, ecology, biodiversity, sustainable development, renewable and non-conventional energy sources, resource conservation, environmental economics, environmental ethics, green chemistry, and more.

The undergraduate course's **AECC paper** incorporates **Environment** as a compulsory subject, aiming to raise awareness about **Environmental Pollution, Environmental Hazards & Disasters, Environmental Impact Assessment (EIA), and the relationship between Man and Environment** among students. It also covers the concept, principles, indicators, and approaches of sustainable

development, along with the inclusion of policies and programs. Project submission on ENVS is compulsory for all the students.

College celebrates **World Environment Day** through many programs like **tree plantation programme, Environmental Awareness Campaign** etc.

### Extracurricular and Co-curricular Activities

Beyond the classroom, the institution offers a range of extracurricular and co-curricular activities that support the integration of these crosscutting issues. College is involved in various activities that practically targets the social issues and works for the betterment of community by conducting campaign on **dengue, AIDS, Covid-19, Programs on Beyond 'Religion, Rights and responsibilities of child and neo adults, Transgender movement, rally for drugs, initiative to Gender equity and also conducting cloth distribution drive, blood donation camp** etc. College also organised '**Mobile Library**', a unique service for elderly people of locality where students spend some time reading few pages from book chapters.

### Institutional Policies and Support

The institution's dedication to these crosscutting matters is evident in its policies like **equal opportunity, gender audit, annual gender sensitization plan, Plastic free Campus** etc. In addition, support services such as **counselling, mentorship programs** assist students in effectively addressing these issues.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 1.3.2

**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)**

**Response:** 75.79

#### 1.3.2.1 Number of students undertaking project work/field work / internships

Response: 6011

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

### 1.4.1

*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website*

**Response:** A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	<a href="#">View Document</a>
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	<a href="#">View Document</a>
Action taken report on the feedback analysis	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1

##### Enrolment percentage

**Response:** 80.15

##### 2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
3498	4108	3594	3568	3394

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
4532	4532	4532	4532	4532

#### File Description

#### Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

#### 2.1.2

*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

**Response:** 65.69

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
1221	1606	1317	1351	1219

### 2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2044	2044	2044	2044	2044

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	<a href="#">View Document</a>
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule ( Translated copy in English to be provided as applicable)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

### 2.2.1

**Student – Full time Teacher Ratio**  
(Data for the latest completed academic year)

**Response:** 152.52

## 2.3 Teaching- Learning Process

### 2.3.1

**Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process**



**Response:**

Uluberia College promotes experiential learning, participative learning, and problem-solving methodologies among its students. The student-centric approach aims at holistic development and global competence through various methods.

**A. Experiential Learning:**

- **Field-based:** Field trips and educational tours are organized to enhance the cultural and intellectual growth of the students.
- **Community based:** Mobile library, health awareness rally, book walk etc. are conducted for community service.
- **Project based:** Projects are regularly circulated among various departments.
- **Research and writing based:** Lab-based research, dissertations, and creative writings are regularly practiced in the college.
- **Guest Lectures:** Specialized Lectures are being conducted to acquaint students with works outside the syllabi.
- **Internship:** Industrial visits as a part of the internship are held. As part of the CCF system, various departments conduct internship programmes too.

**B. Participative Learning:**

- **Value added courses:** Add-on courses and skill-based courses are offered.
- **Participation in Workshops/Seminars/Webinars:** Students are encouraged to attend and present papers on various topics of contemporary relevance.
- **Group Discussions and debates:** Provide a platform for the students to build their argumentation skills.
- **Teamwork:** Events like blood donation camps, cancer awareness day, tree plantation, etc. are regularly organised by NCC/NSS.
- **Peer Teaching & Role Play:** Conducted to improve the role of students as teachers or mentors.
- **Drama, Music & Eco club:** Grooms students in theatrics, music, and environmental awareness.
- **Participation in competition:** The college holds various inter-college science, cultural, and sports competitions.
- **Right, Duty and Citizenship:** Electoral literacy club generates necessary awareness.
- **Students' Profile Mapping:** It involves creating a comprehensive overview of individual student characteristics, academic performance, and personal attributes to facilitate personalized education strategies and support.

**C. Problem-Solving Methodologies:**

- **Problem-Solving Strategy:** Software designing by various departments, blood sugar check-up etc. are adapted by the college.
- **Hands-on training programs:** On mushroom cultivation, sanitizer and soap making bio-compost, and GST.
- **Open ended Problem solving:** HTML page design is taught.
- **Innovative model development:** Censored dustbin, Water Light Science Exhibition, Crystal engineering etc. are implemented.
- **Assignments & Quizzes:** Regular class tests, quizzes, are conducted to dictate the areas of

improvement for the students.

- **Case study analysis:** Students are involved in analysing practical problems through various case studies.
- **Competitive Examination Facility:** Students are offered with 48000 questionnaires involving Mathematics and Reasoning for their self-evaluation process.

#### D. ICT Enabled Tools for Teaching

- **LMS & Google Classroom:** Access to resources like PowerPoint presentations, virtual labs, and audio-visual aids.
- **Video Conferencing tools:** Tools like Zoom and Meet aid in conducting online classes and meetings.
- **Mobile App:** College app deals uniquely with all the academic concerns of the students (class routine, class attendance, notices etc.).
- **Usage of National digital library and repositories:** Students and teachers can access e-books and journals for reference.
- **Social-Media:** YouTube, Facebook, and WhatsApp help in circulation of educational information.
- **Smart Class Rooms:** improve student performance by allowing teachers to tailor their lessons to individual learning styles.
- **Courseware:** Software like C, C++, python are introduced to students.
- **Various digital tools:**
- **Google Forms, PPT** and many such tools are used for better teaching purposes.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1

**Percentage of full-time teachers against sanctioned posts during the last five years**

**Response:** 86.1

#### 2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
59	59	59	59	59

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**2.4.2**

*Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)*

**Response:** 94.09

**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
49	50	50	49	41

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	<a href="#">View Document</a>
Institution data in the prescribed format	<a href="#">View Document</a>
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

**2.5.1**

**Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient**

**Response:**

The entire internal and external assessment system is scheduled by Calcutta University. The Summative Assessment structure is predetermined. But we have developed a strong mechanism of Formative Assessment through CIE (Continuous Internal Evaluation) to monitor the learning progression, to identify the areas of improvement through feedback. It includes:

- **Quiz:** to enhance aptitude and reasoning ability.
- **Class tests:** to improve overall understanding and retention of course content.
- **Student seminars:** to develop public speaking skill.
- **Debates:** to strengthen argumentation skills and ability to articulate and defend a position.

### **Transparent Mechanism of Internal/External Assessment:**

#### **A. Pre-notified Schedule: (CLARITY)**

- Academic Calendar contains tentative schedule.
- Calcutta University declares actual schedule.

#### **B. Decentralised Examination system: (ACCOUNTABILITY)**

- Each department consecutively bears the responsibility of conducting internal & external exam, headed by academic committee.
- Examination Sub-committee conducts IA in well planned manner- drawing routine, question paper & answer scripts collection and submission, result declaration.
- From schedule to change in schedule (if any) every minute details are displayed on college website and college app.

#### **C. QR Code system: (ACCESSIBILITY)**

- To track regular attendance and attendance in internal examination.
- Allowing them to see how numbers are given.

#### **D. Assessment Breakdown: (CONSISTENCY WITH STANDARDS)**

- **Internal Assessment (home centre):**
  - 20 marks (written exam+ class attendance)
  - Tutorial/Project: 15 marks
  - Practical (home/away centre): 30 marks
- **End Semester Examination (away centre):** 65 marks/ 50 marks

#### **E. Invigilation & Monitoring: (IMPARTIALITY)**

- Adequate number of invigilators in exam halls.
- Surprise checks by examination sub-committee members.

#### **F. Answer scripts Allocation Method: (NON-ARBITRARINESS)**

- External (Hons paper) : CU appoints examiners and Head examiners maintaining utmost confidentiality.
- External (General paper): Allocation is done by Departmental coordinators.

#### **G. Data Accuracy: (DOCUMENTATION)**

- Two step authentication - Marks are uploaded in UC exam portal, then submitted to Calcutta University portal.
- Entire process is conducted under supervision of departmental coordinators.

#### **Grievance Redressal System:**

##### **Authorised Body:**

- Academic Committee
- Examination Sub-Committee
- Examination related Grievance Addressing Committee

#### **Mechanism of Grievance Redressal (Internal):**

##### **A. Provision for review:**

- Answer scripts of CIE are shown and discussed.
- If still grievance persists, students may fill grievance redressal online on college website and app.

##### **B. Parent Teacher Meeting:**

One-one communication with stakeholders conducted by every department periodically.

##### **C. Second Opportunities:**

Alternative exam dates are provided who have valid reasons for failure/absence.

#### **Mechanism of Grievance Redressal (External):**

##### **A. Error correction:**

Any error in Admit card related to spelling mistake, subject combination, papers chosen, payment related issues are resolved by college office with utmost care.

##### **B. Re-examination and FSI:**

Calcutta University declares the schedule and College communicates the same through website and app.

##### **C. RTI Assistance:**

Dedicated State Public Information Officer (SPIO) and Assistant SPIO is available to assist RTI process.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

### 2.6.1

*Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website*

#### Response:

Designing program outcomes and course outcomes for an institute is a meticulous process that requires careful consideration of various factors to ensure alignment with the departmental Mission & Vision with the necessity of Value education. In an Outcome-based Education (OBE) system, programme outcomes are concise statements describing the expected knowledge and skills students should gain upon completing a program of study. Course Outcomes are specific and measurable statements that define the particular knowledge, skills, and attitudes learners will demonstrate by the completion of a course.

#### DEPARTMENTAL PO, PSO AND CO

Uluberia College whole heartedly believe that quality is never an accident. It is always the result of high intention, sincere effort, intelligent direction and skilful execution. Program Outcome (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) of each and every department are the outcome of that belief.

- The POs, PSOs and COs are prominently displayed on the College website, making them easily accessible for students and all stakeholders which helps students and parents to get acquainted with the program details prior to their admission in the respective programs as well as our College. This transparency also allows students to understand the goals and expectations of their programs.
- During departmental orientation Program faculty members comprehensively discuss the course content, scope, learning objectives, program objectives, program specific objectives, potential career opportunities etc.

#### Steps followed for identify PO, PSO and CO:

- Uluberia College adheres to the framework for the curricula set by the University of Calcutta, recommendation of UGC and other affiliating bodies.
- Uluberia College initiated the process by identifying and collecting the views from faculty members, administrators, professional bodies, industry and alumni for creating meaningful and relevant (POs) and PSOs.
- Faculty members collaborate to identify and prioritize outcomes based on their importance to

achieving the goals and need of their respective assigned courses for CO.

- Program Coordinator consults the key constituents in departmental meetings with all the staffs and finalise the POs, PSOs, and COs after fruitful discussion.

#### **Design Criterion of POs, PSOs and COs:**

- COs are prepared according to **REVISED BLOOM TAXONOMY**. It provides educators with a structured framework to design and assess learning objectives in clear, measurable terms promoting deeper knowledge, understanding, critical thinking skills and competencies.
- POs and PSOs are designed on the basis of curriculum, co-curricular activity, other academic activities, Industry expectation, social demand, value-based education etc.
- The key constituent of POs is based on
  - **Knowledge**
  - **Problem analysis**
  - **Design /Development of solutions**
  - **Conduct investigations of complex problems**
  - **Modern tool usage**
  - **Social Accountability**
  - **Environment & Sustainability**
  - **Integrity and ethics**
  - **Individual and Team work**
  - **Communication**
  - **Project management and finance**
  - **Lifelong learning etc.**

#### **Planning for achieving POs, PSOs and COs:**

College has organised various types of activities along with class room teaching learning process. Some of these are as follows.

- **Value added/ Short-term skill-based courses**
- **Workshops/Seminars/Webinars**
- **Group Discussions and Quizzes**
- **Co-curricular Activities**
- **Peer Teaching**
- **Drama, Music & Eco club**
- **Field Trip & Educational Tour**
- **Hands-on Training Programs**
- **Internship**
- **Cultural Program**
- **Community Outreach Program**
- **Social Awareness Program**
- **Participation in Competition**
- **Add-On Courses**

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6.2

*Attainment of POs and COs are evaluated.*

**Explain with evidence in a maximum of 500 words**

**Response:**

**“The illiterate of the 21st century will not be those who cannot read and write,**

**But those who cannot learn, unlearn, and relearn.”**

Uluberia College focuses on what students learn and not what our faculty members teach. The college takes utmost care of our beloved student for achieving all PO, PSO and CO in every part and every possible way. Our college follows certain process towards assessment and evaluation of attainment for all PO. These are as follows.

### **PO-CO MAPPING:**

- Our college has used the process of Mapping of PO and CO to ensure alignment between overarching goals of a program (Program outcome) and the specific learning outcomes of individual courses (Course outcome) within the program.
- The first step is to develop rubrics and other assessment tools that clearly define the criteria for evaluating each PO and CO.
- Specific benchmarks or performance levels that students must achieve to be considered proficient in each outcome.
- Match each course outcome (CO1,CO2,CO3 etc.) of particular course to the desired and collected one or more program outcomes (PO1,PO2,PO3 etc.) by using the matrix.
- For the matching we have used the correlation parameter as

**"1" - Slight (Low) Correlation indicated by S**

**"2" - Moderate (Medium) Correlation indicated by M**

**"3" - Substantial (High) Correlation indicated by H**



**"-" indicates there is no correlation.**

- After the mapping process is finalised, we have calculated the mapping attainment level of each POs and then we have fixed the target attainment level of all POs in 3 point scale.

#### **ATTAINMENT OF POs:**

- As the college is not an autonomous body, its assessment process is done by

**DIRECT assessments ( 80% weight age)**

**INDIRECT assessments .( 20% weight age)**

- **Direct assessment** is based on the assessment/ examination/ Test of each Course, where 70% weight age is given for attainment through university exam and 30% weight age is given for attainment through internal assessments.
- **Indirect assessment** is done through **Graduate exit survey (GES)** and **alumni survey (AS)** where Graduate exit survey and alumni survey is given a weight age of 50% each.
- We have considered again 3 point scale for this. Percentage of marks obtained is linked with attainment level.
- At the end of the program average of **Direct attainment level (DAL)** is obtained for each course. By putting the average DAL for the correlated POs we get our Acquired DAL.
- From the **GRADUATE EXIT SURVEY** and **ALUMNI SURVEY** for each program outcomes we obtained the average attainment value of each PO.

#### **CALCULATION OF GAP:**

- Providing values of **TARGET ATTAINMENT LEVEL, DIRECT ATTAINMENT LEVEL, and INDIRECT ATTAINMENT LEVEL** we can calculate the **OVERALL ATTAINMENT LEVEL. i.e. 80% OF DAL + 10% OF GES + 10% OF AS. From the values TARGET ATTAINMENT LEVEL AND OVERALL ATTAINMENT LEVEL a gap** is considered.

#### **GAP ANALYSIS & ACTION PLAN: (FEEDBACK LOOP AND MONITORING):**

- **GAP is a strategic planning tool used to assess the disparity or “gap” between the Target level (DESIRED) and Attainment level (CURRENT).** It involves identifying areas where there is a difference between **where our college is and where we want to be.**
- If the attainment value does not meet the target one then some significant and appropriate strategies or actions are taken to bridge the gaps for each specific program outcomes to **develop an action plan and continuous improvement.**

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**2.6.3****Pass percentage of Students during last five years (excluding backlog students)****Response:** 80.13**2.6.3.1 Number of final year students who passed the university examination year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1000	1426	1558	1272	1011

**2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1724	1754	1665	1368	1310

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	<a href="#">View Document</a>
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**2.7 Student Satisfaction Survey****2.7.1**

**Online student satisfaction survey regarding teaching learning process****Response:**

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll as per data template	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

#### 3.1.1

*Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)*

**Response:** 5.19

#### 3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
0.15	0	0	5.04267	0

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

#### 3.2.1

**Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident**

**Response:**

Uluberia College has created an ecosystem to nurture innovative ideas through the co-ordinated activities of the “**Boost Lab**” and “**Animal House**”, research and academic activities of various departments and IQAC.

#### **INNOVATION AREAS:**

1. “**Uluberia College App**” may be considered a ‘marvel’ of technology uniquely applied in the college to ensure effective e-governance.
2. “**Boost Biotechnology Lab and Central Animal Facility**” continually carries pre-clinical research to develop drugs for cure of neonatal hyperbilirubinemia etc. **Central Animal Facility** is registered with CCSEA, MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING and GOI.

3. Department of Physics has put into use **dustbins functioning with sensor action**.
4. **“Mushroom Cultivation Course and Campus Bazar”** offered by the College so that students can go for eco-friendly ways of earning money.
5. **Mobile library** operated by students to read for senior citizens.
6. **Department of Chemistry** teaches students to prepare **compost from kitchen left over's** of schools where mid-day meals are cooked.

#### **Indian Knowledge System (IKS):**

1. Department of Botany helps students identify **medicinal plants** and learn **their uses**.
2. A **spoken Sanskrit Course** is offered by Department of Sanskrit and regular seminars are conducted at neighbouring schools for the benefit of students.
3. **FDPs: IQAC**, in coordination with other institutions organizes frequent FDPs.
4. **CENTRAL LIBRARY:** has 28000 Books and provides OPAC and N-LIST facilities. KOHA facilities give access to catalogue easily.
5. **History, Political Science and Geography departments** enrich IKS through **fulfilment of the NEP curriculum**.

#### **INCUBATION CENTRE:**

1. Advanced facilities of the **“Boost Biotechnology Lab and Central Animal Facility”** enables advanced research of faculty members, research scholars and UG students. The college has developed a **“preclinical research hub”**.
2. **“Central Computer Laboratory”** provides Computers with high speed internet for students and teachers.
3. A **“Digital Language Lab”** run through **“Orell Talk software”** has been installed in B.Ed Department for English and Bengali method students.

#### **IPR:**

1. Teachers participated in different training programmes under **NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION** organized by Intellectual Property Office, India.
2. College frequently organizes discussions, interactive sessions over the issue at different times.
3. **National Seminar on IPR** in the field of Science and Scientific Research has also been organized by IQAC of the college in collaboration with Department of Zoology.

#### **OTHER ACTIVITIES:**

1. Institute provides **no objection for pursuing Ph.D. Programme**.

2. Many Scholars completed their PhD under guidance of **Dr, Tapas Samanta, Mathematics Department.**

3. **Publication opportunities:**

a. **“QUEST”**-a journal with ISSN (link: <https://www.uluberiacollege.in/journal-quest/>) and **‘MUSINGS’** for publication of research works of faculty members.

b. **“SWARANIKI”** was published on completion of 75 years of the institution.

c. **“METAMORPHOSIS “,”LOHORI”** publish contributions of students. Many departments have e-journals too.

4. **Regular workshops and seminars:** conducted by IQAC in collaboration with different departments.

5. The **“Sports Cell “and “Karate Wing”** organizes different co-curricular activities.

6. Most departments organize Quiz, Student’s seminar, field trip, industrial visit, etc.

**OUTCOME:** Outcome of our innovation area is well evident from our **publication in “NATURE”.**

Our IKS related activities have been empowering students **to learn about the rich heritage** of India.

Incubation centre of our college has **attracted young scientists to engage in research** making use of advanced equipment of BOOST Lab and Animal house.

IPR help students improve their **academic standards**

Other activities help **development** of students as well as **ensure safety** for themselves.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.2.2

*Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

**Response: 76**

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
28	15	14	8	11

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

#### 3.3.1

**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

**Response:** 2.25

**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
24	37	17	22	24

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	<a href="#">View Document</a>
Link to re-directing to journal source-cite website in case of digital journals	<a href="#">View Document</a>
Links to the papers published in journals listed in UGC CARE list or	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

#### 3.3.2

**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

**Response:** 1.55

**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
23	24	18	9	11

File Description	Document
List of chapter/book along with the links redirecting to the source website	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 3.4 Extension Activities

#### 3.4.1

**Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.**

**Response:**

**A number of extension activities and outreach programmes are taken up every year by the NCC, NSS UNIT, Women Cell and IQAC and different departments of ULUBERIA COLLEGE to grow social responsibilities and awareness among students .**

**NSS UNIT, ULUBERIA COLLEGE:**

NSS unit in collaboration with IQAC and various departments of the college has conducted following awareness programmes:

**HEALTH AWARENESS PROGRAMMES:**

1. **Cancer awareness programme** to point out possible ways of prevention of the disease. **Dr.**



**RamdasChatterjee, President, KKCMA** remained present

2. Awareness programme on **Adenovirus, Anaemia, Malaria, Dengue** etc
3. **COVID vaccination camp at the college campus**
4. **COVID19 TEST DRIVE**
5. **Thalassaemia test** for students

**SOCIAL AWARENESS PROGRAMMES:**

1. **For new voters through Electoral Literacy Club**
2. Against **female foeticide**,
3. Against **Misuse of social media** and
4. **Superstition** prevailing among common men.
5. **Road safety** awareness among people
6. To create a **barrier-free school environment**.
7. **Winter clothes distribution drive**.
8. To generate **fellow feeling for the deaf and dumb**, programme titled “Voicing Diversity: hearing the unheard “ .
9. **Mobile library** operated solely by students to reach senior citizens
10. **Blood donation camp**
11. **Counselling** programme on **cyber crime**
12. **Exchange of new innovation** at high school level

**ENVIRONMENTAL AWARENESS PROGRAMMES:**

1. **e-waste management**
2. **Tree plantation** as part of **greenery mission**.
3. **Restrict plastic use** programme
4. **Pollution prevention** programme
5. Training on **preparation of compost from mid day meal wastes** given to students of local schools

generating employment opportunities as well as for pollution prevention.

#### NCC UNIT, ULUBERIA COLLEGE:

1. It is part of **41 Bengal Bn**.
2. Participates in different **camps and trekking programmes**.
3. Received participation certificate in **Ek Bharat Shreshth Bharat-III at NCC Group Head Quarters "C", New Delhi**
4. Different CAMP attendance certificate and trekking expedition certificates received.
5. Regularly conducts:
  - a. **SWACHHA BHARAT ABHIYAN**
  - b. **YOGA FOR WELLNESS**
  - c. **PUNEET SAGAR ABHIYAN (clean Ganga and ban plastic use)**
  - d. **ASHA BHABAN CENTRE VISIT as community engagement.**

#### WOMEN'S CELL:

Women's Cell collaborating with IQAC and different departments actively works to transcend male-female dichotomy through gender equity programmes regularly.

1. Observation of **"International Women's Day"**
2. Programme on **"Human trafficking and rape"** has been organised to create awareness among students
3. Women empowerment programmes of **NOSKK (NARI-O-SISHU-KALYAN-KENDRA)** to discuss on topics like **Adolescent friendly service and sanitary napkin production, promoting Skills and jobs in non-traditional occupations for girls and young women, Dance movement therapy and Green village.**
4. Students express their views and discuss face to face with experts about issues like **female foeticide, female infanticide, dowry practise, sexual abuse etc and become aware about laws against them under Indian penal Code.**
5. To enable students explore the judicial response against gender discrimination, the institution had invited eminent personalities like the **Learned Assistant Registrar of Calcutta High Court** and the learned **Senior Advocate of Hooghly High Court**. Students interact with experts, know about laws related to rape, dowry, divorce, remarriage, property inheritance, trafficking etc. Online awareness programme **"Maayer Swapno"** was organised during COVID situation.
6. Awareness programme on **menstruation**.
7. Women's cell and IQAC in collaboration with **Uluberia Police Station** conducted a programme exclusively on safety of women.

#### Other Activities:

1. ULUBERIA COLLEGE in collaboration with IMA(INDIAN MEDICAL ASSOCIATION) conducted **Anaemia Awareness Programme**
2. Programme on gender equity titled **"Transgender Movement and My Story"** was conducted by

B.Ed. Section in collaboration with IQAC . Dr Manabi Bandopadhyay remained present.

3.Uluberia College in cooperation with **Rajapur Sri Ramakrishna Ashram** conducted a Seminar on “INDIAN KNOWLEDGE SYSTEM “.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.2

**Awards and recognitions received for extension activities from government / government recognised bodies**

**Response:**

**Benign initiatives of the Institution have been recognized by renowned Institutions, Government and Government affiliated bodies and serves as sources of inspiration.**

#### **A. IN SUPPORT TO READ BOOKS:**

Participation in

- **“Walk for Book” initiative and**
- **International Language Day celebration and ”Boi Mela” of “Uluberia Municipality”** has been appreciated by them.

#### **B.PARTICIPATION IN DIFFERENT PROGRAMMES:**

- Student, Puspak Das received first prize in **Youth Science Fair and Tech Expo 2023** organized by Department of Youth Science and Sports, Government of West Bengal.
- The Calcutta Institute of Technology offered **“Certificate of participation in Tech Expo 2023”** to students.
- Participation in **Inter College Science Project Competition** has been acknowledged by Shyampur Siddheswari Mahavidyalaya.

**C. BEST PERFORMANCE IN “KANYASHREE PRAKALPA”, Government of West Bengal .**

#### **D. LITERACY ESTIMATION AND ERADICATION DRIVE OF MATHEMATICS DEPARTMENT:**

appreciated by Pradhan,TALGACHARI -2 GRAM PANCHAYAT.

#### **E. HEALTH AWARENESS INITIATIVES:**

- **PADMAPUKUR –II GRAM PANCHAYAT** certified Interactive sessions conducted by **Physiology Department** that enlightened local people about various health issues.
- **COVID VACCINATION CAMP and COVID19 TEST DRIVE** appreciated by **CMOH, Howrah and Medical Director, SANJIBAN HOSPITAL.**

**F. Campus Cleanliness drive** with Uluberia Municipality for the tenure 2018-23 appreciated.

**G. Voluntary Blood Donation camps** to provide blood to needy patients for three consecutive years appreciated by **State Blood Transfusion Council, Government of West Bengal .**

#### **H. DISTRESS RELIEF:**

- **Principal Secretary, Chief Minister Distress Relief, Government of West Bengal.**
- **Chief Minister Distress Relief Fund, Tiruvananthapuram, Kerala** appreciated donation made by Dept. of Zoology and Dept. of Physiology after the terrible flood in Kerala in 2018.

#### **I. ACADEMIC EXCELLANCE AWARD:**

Dr. Arup Kr. Sarkar, Dept. of Commerce, received Academic Excellence award from **GRF INTERNATIONAL AWARDS AND HONORS** and **UNIVERSITY OF TRUNOJOYO, MADURA, INDONESIA** and **IDEI, INDONESIA .**

#### **J. GO GREEN:**

**Prodhan, Kalyanpur Gram Panchayat, Bagnan , Howrah, West Bengal** appreciated “tree plantation” drive.

#### **K. ANTI TOBACCO CAMPAIGN:**

Appreciation from **Deputy C MO H –II cum District Surveillance Officer, Howrah**

#### **L. NCC:**

- As part of 41 Bengal Bn received participation certificate in Ek Bharat Shreshth Bharat-III at NCC Group Head Quarters ”C”, New Delhi
- Different CAMP attendance certificate and trekking expedition certificates received at different times by cadets.

#### **M. SPORTS:**

- **Moushumi Majumdar, Dept. of Philosophy** , received certificate for training participants of Tejashwini Self-defence Workshop from **Addl. CPIO, KOLKATA POLICE.**
- **TAHRINA NASRIN, ex-student** is the first woman to cross the **Bangla Channel** twice a day, crossed **Gibraltar trait** too.

#### **N. SUCCESS OF COLLABORATIVE ACTIVITIES CERTIFIED :**

**Letter of appreciation from:**

- Bajaj Finserv Ltd for conducting **CPBFI EMPLOYABILITY TRAINING PROGRAMME in Uluberia College.**
- NOSKK for **Women's Cell activities .**
- Om Dayal Group of institutions for participation in **their training programmes on AI and Digital Electronics.**
- Ashutosh College ,Raidighi College, South 24 Parganas Sri chaitanya Mahavidyalaya,North 24 Parganas ,Murlidhar girl's College , Kolkata and Panchla Mahavidyalaya for **faculty exchange.**
- K.K Das College for conducting **debate competition collaborating** with them.
- Different schools for **Internship conducted by B.Ed Department**
- Deshbandho College for Girls for **Seminar on human rights.**
- Department of Pathology, National Institute of Homeopathy , Kolkata and Principal, Ramsaday College has **acknowledged co-operation from the "BOOST LAB AND ANIMAL HOUSE FACILITY" School of Life Sciences.**
- **Asha Bhavan Centre acknowledged the beneficial outcome** they received through collaboration.
- New Alipore College,Kolkata for academic **collaboration and participation** in their foundation day celebration.
- Neighbouring schools appreciated for spreading awareness of the **Indian Knowledge System** among young minds.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.3

*Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

**Response:** 66

**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
34	11	7	7	7

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 3.5 Collaboration

#### 3.5.1

*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

**Response:** 46

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	<a href="#">View Document</a>
List of year wise activities and exchange should be provided	<a href="#">View Document</a>
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

#### Response:

The college offers a wide range of facilities that enhance the teaching-learning experience, cultural and sports activities, and overall student well-being.

#### Teaching-Learning Facilities

##### Classrooms:

The college has **75 classrooms** spread across **6 different blocks** to accommodate students.

##### Laboratories:

The **Physics Department** maintains laboratories for **General Electronics, Computational Studies, Classical Mechanics, Thermodynamics, and Optics**. The **Chemistry Department** houses three laboratories, including the **A.P.C. Ray Research Laboratory**. The **Botany, Zoology, Physiology, and Microbiology Departments** each maintain well-equipped laboratories, with the **Zoology Department's Boost Laboratory** being a highlight. The **Geography Department** offers practical experience in the Shiba Prasad Chatterjee Hall.

##### Language Lab:

The **B.Ed Section** has a Language Laboratory within the building.

##### Central Computer Lab:

- The **Department of Computer science** has 1 laboratory with 12 desktops.
- **Boolean Computing Laboratory** is a separate laboratory with 49 desktops.

##### Computing Equipment:

The laboratories are equipped with **desktops, laptops**, printers and scanners having **high-speed internet connectivity** along with modern software.

**Library:**

Located in **Block B** of college campus, the library has a collection of around **50000 (fifty thousand) books along with journals, newspaper, magazine and competitive book section. 25 desktops/laptops/tabs** with internet connection are available for faculty and students.

**ICT-Enabled Facilities****Smart Classrooms:**

- **15** Smart classrooms are situated in different buildings.
- **LCD** projectors and screen in classrooms.
- **13** Interactive Digital Panels in classrooms.

**Learning Management System (LMS):**

The institution employs a robust LMS that supports e-learning and blended learning models.

**College App:**

College App for class attendance, examination, fees payment etc.

**IT Training:**

- **Computer Concept Course** in collaboration with **The Institute of Computer Engineers (India)**
- Certificate course in web designing by **photoshop and HTML** in collaboration with **Right Brains Technology,**
- Certificate course in **advanced excel training** in collaboration with **Right Brains Technology,**

**WI-FI:**

The overall IT infrastructure is connected with **3 Broad band** connections **with high-speed internet through Wi-Fi and LAN.**

**CCTV:**

**64** CCTV cameras for campus safety and security.

**Cultural and Sports Facilities****Cultural Activities:**



The college annually celebrates various occasions with cultural programs at the **spacious Haripada Mancha, Ishwar Chandra Vidyasagar auditorium** and the nearby **Rabindra Bhaban**. Amid the pandemic, departments fostered online **cultural activities**.

### Sports Facilities:

The college facilitates a range of **sports amenities** including **carom, table tennis, football, cricket gear, chess, ludo and accessories for athletics, karate mats, complete karate kits, and sports first aid kit**. **Karate training** is regularly conducted by external trainers. A **designated ground** is available for outdoor games and sports.

### Other Facilities

- The **Student Activity Centre** provides facilities for **physical exercise, yoga, and other activities**, all guided by external trainers. The college has four auditoriums across different blocks, each fully equipped for events. Other amenities include **separate canteens for students and teachers, solar panels, fire extinguishers, water purifiers, and high mast lights for safety at night**.
- The campus is equipped with **an elevator, wheelchair accessibility and ramp for disabled persons, a rainwater storage system, air-conditioned staff rooms, and an animal house for experimentation**. There are separate **common rooms and washrooms for male and female students, as well as specially equipped facilities for students with disabilities**. The college also offers a **first aid station, regular medical check-ups, a sanitary napkin vending machine, and an incinerator in the Ladies Common Room**. Additionally, the college features **rooftop gardens, a public address system, and parking facilities for students, teachers, and staff**.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 4.1.2

*Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years*

**Response:** 50.2

**4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
51.77827	24.47836	141.17625	113.86584	145.45472

  

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1

*Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students*

#### Response:

Uluberia college library started in the year 1948 with some donated books from individuals and teachers of the locality. It consists of the **Central library** along with some well managed **Departmental libraries**. The **Central Library** is located in the **block B** of the college campus. The college library has books available around **fifty thousand** and some special book collections of around **four hundred and fifty (450)** of the founder of the college Late Sri Haripada Ghoshal.

#### Integrated Library Management System (ILMS)

##### Automation and Digital Facilities:

- The library is fully automated using an advanced Integrated Library Management System (ILMS) using KOHA Software **installed in the year 2015** which serves as the backbone of its organizational and operational activities. All the books have already been incorporated in the database.

##### Digital Catalogue:

- The digital catalogue of the Uluberia College Library can be used via Online Open Access Catalogue (link:<https://ucdigitals.in:8000/>).

**User Accounts:**

- Faculty and students have personalized library accounts which can be used through the college App and KOHA. The user account helps to manage their borrowed books and access digital resources. Notifications and alerts about due dates, new arrivals, and reserved items are sent automatically to their registered emails.

**Library Infrastructure**

The Central library houses Librarians 'Room, equipped with desktops, scanner and printers, Circulation area, Reference Books section, Stack room and a Baggage counter with security. **Open Access Library** for students and teachers where Students can **self check-in and check-out** by College APP /QR code through **tablets**.. Students' college identity card also serves as the library card with the bar code. There are **Bar Code Reader, OER repository, Online Attendance, Reprographic services, vending machine** with Competitive Book, magazine Section and Newspaper Stand.

**Subscriptions to E-Resources and Journals****E-Resources:**

- The library subscribes to a vast array of e-resources, including e-books, e-journals through N-LIST.

**Other Resources:**

- The institution has memberships in The British Council Library and USIS Library, Kolkata which the faculty and students can access.

**Institutional Repository**

The library is taking initiatives to make soft copies of old books (more than 50 years) which are out of print or rarely available in the market and to digitize the printed books donated by the founder Principal Sri Haripada Ghoshal and make the resources available to the stakeholders through online catalogue.

**Optimal Usage by Faculty and Students****Reading and Study Areas:**

- The library has one spacious **Reading section** for students and a separate reading room for teachers. Students may borrow books against identity cards with the help of **tablets** in the **circulation area**.

**Orientation Programs:**

- At the beginning of each academic year an **orientation programme** named **Know Your Library** is organised for first semester students to get them acquainted with the library resources, their utilisation, facilities, rules and regulations, ILMS etc.

**Research Support:**

- Librarians provide research support services, including assistance with literature searches for books and journals to both faculty and students.

**Extended Hours and Accessibility:**

- Normally the college library operates from 9 am to 6 pm six days a week. Library services are extended during summer recess. Additionally, the Web Online Public Access Catalogue (WebOPAC) grants round-the-clock 24/7 access to the library's catalogue, enabling users to search and locate resources at their convenience.

**Feedback Mechanism:**

- Faculty and students can communicate with the librarians through KOHA and College App for any suggestions and demands regarding books and journals.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**4.3 IT Infrastructure****4.3.1**

**Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection**

*Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

**Response:**

The institution is committed to maintaining state-of-the-art IT facilities to support the academic and administrative needs of students, faculty, and staff.

**IT Infrastructure and Facilities**

**Computer Labs:** The institution houses several computer labs with desktops or laptops, equipped with modern software and high-speed internet access.

**Language Lab: The Language laboratory** can be accessed by teachers and students.

**Classroom Technology:** There are certain classrooms which are equipped with advanced teaching aids

such as interactive whiteboards or **smart boards**, **LCD projectors with screens integrated with Wi-Fi /LAN**.

**Faculty Rooms and Administrative Offices:** All faculty rooms and the administrative office are equipped with modern computers, printers, and scanners. The college uses various software systems for student data management, fee payments, feedback, teacher services, attendance, and financial management (WB IFMS, PFMS).

**Teaching and learning: LMS, Google Classroom and Zoom** are used to ensure online class and circulation of curriculum plans, study materials and other academic resources. Online student Profile mapping portal is used for identifying slow and advance learners.

**College APP/ERP:** Uluberia College initiated e-governance in 2017 with ERP software from AIDNI Infotech. In 2021, the **ULUBERIA COLLEGE APP** was launched, enabling attendance tracking, student feedback, exam mark uploads, internal exam management, communication, and routine checking. The app supports 24/7 institutional management, facilitating seamless operations for students, faculty, and administration from any location.

**ICT in Library:** 25 LAN connected laptops and desktops are available in the college library. The library is also updated through **ILMS- KOHA software (Version 19.11.29.000)**. Remote access to teachers and students through digital catalogue can be attained via **Web OPAC**. Students' entry, exit and borrowing of books are monitored **via QR code** to maintain transparency.

**Security (CCTV):** There are 64 **CCTV cameras fixed** for the maintenance of safety and security throughout the campus.

**AWS Server:** KOHA software and College App for Library activities

**Zoom Subscription:** For taking online classes whenever needed

### **Wi-Fi and Network Infrastructure**

#### **Networking Peripherals:**

All the hardwares required for LAN, such as **Router, switches, cables etc.**

#### **Licensed version of OS:**

Licensed versions of Windows are used in all the departmental laptops

#### **I/O Devices:**

Interactive panels, printers and other equipment's for teaching learning purposes.

**Internet Bandwidth:** Currently, the campus is equipped with a high-speed internet connection (**1 GBPS, 400MBPS and 500MBPS**) through **Wi-Fi and LAN, one BSNL & JIO broadband**.

**Firewall/Security: (UTM) (Unified Threat Management).** It provides an entire network security by

filtering potentially dangerous content and blocking intrusions in Wifi and LAN.

### IT Policy:

The Institute has an IT policy covering all major areas like Wi-Fi, cyber security etc. which is updated or amended whenever required as per the need of the institute.

**IT Support and Maintenance:** The overall IT facilities of the college are maintained by vendors namely **S.S. Computers and Right Brains Technology**.

**Server Room:** The college has a dedicated **server room** monitored by technical staff.

**Dedicated IT Support:** By a team of skilled IT professionals.

### Recent Updates

**Wi-Fi Expansion:** Reliable Wi-Fi coverage across the entire campus, including classrooms, labs, libraries, public areas, and outdoor spaces. The overall IT infrastructure is connected with **3 Broadband** connections **with high-speed internet through Wi-Fi and LAN & one BSNL & JIO broadband**.

**Bandwidth Increase:** The number of Internet connections has been increased to **four** from one.

**Interactive Display Panel:** Total of **13** interactive display panels are placed in classrooms and seminar halls.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 4.3.2

**Student – Computer ratio (Data for the latest completed academic year)**

**Response:** 66.65

**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

**Response:** 119

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	<a href="#">View Document</a>
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1

*Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)*

**Response:** 42.93

**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
94.57670	52.81277	36.68065	97.90611	125.74463

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1

*Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years*

**Response:** 81

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
5000	8642	7330	6726	2351

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	<a href="#">View Document</a>
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	<a href="#">View Document</a>
Upload policy document of the HEI for award of scholarship and freeships.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

#### 5.1.2

*Following capacity development and skills enhancement activities are organised for improving students' capability*

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

**Response:** A. All of the above



File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	<a href="#">View Document</a>
Report with photographs on ICT/computing skills enhancement programs	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**5.1.3**

**Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

**Response:** 69.46

**5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
6572	5150	4723	4611	4710

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.1.4**

***The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases***

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	<a href="#">View Document</a>
Proof related to Mechanisms for submission of online/offline students' grievances	<a href="#">View Document</a>
Proof for Implementation of guidelines of statutory/regulatory bodies	<a href="#">View Document</a>
Details of statutory/regulatory Committees (to be notified in institutional website also)	<a href="#">View Document</a>
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1

**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

**Response:** 63.65

**5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1120	913	514	205	211

**5.2.1.2 Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
928	965	951	972	839

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	<a href="#">View Document</a>
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**5.2.2**

*Percentage of students qualifying in state/national/ international level examinations during the last five years*

**Response:** 22.64

**5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
166	77	89	23	28

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**5.3 Student Participation and Activities**

**5.3.1**

**Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

**Response: 58**

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
11	17	2	19	9

File Description	Document
Upload supporting document	<a href="#">View Document</a>
list and links to e-copies of award letters and certificates	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**5.3.2**

**Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**Response: 35.2**

**5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
70	33	06	36	31

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1

**There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

**Response:**

**Uluberia College Alumni Association: A dedicated bridging network**

The alumni association of Uluberia college, registered in the name of “ULUBERIA COLLEGE ALUMNI ASSOCIATION” under West Bengal Societies Registration Act XXVI of 1961, plays a pivotal role in fostering a lifelong connection between the institution and its graduates. Serving as a bridge between the past and the present, the alumni association is instrumental in maintaining the college’s network and enhancing its community spirit. Its impact extends beyond mere social gatherings; it is central to nurturing a sense of belonging and pride among former students.

**Name:** ULUBERIA COLLEGE ALUMNI ASSOCIATION

**Reg No.:** S0050524 of 2024-25

**President:** MR. PULAK ROY, President, Uluberia College

**Secretary:** DR. ANUP KUMAR SINGHA

**Network and Career counselling:**

One of the primary functions of an alumni association is to facilitate networking opportunities. Through organized events, alumni are given the chance to reconnect with old classmates, share experiences, and forge new professional relationships. These gatherings, whether formal or informal, often serve as a platform for alumni to offer mentorship and support to newer graduates entering the workforce, thereby guiding their juniors through various career opportunities.

**Philanthropy:**

In addition to social and professional networking, a few alumni play crucial role in supporting students through generous donations as scholarships. The association organizes campaigns, events, and initiatives to encourage donations and engage alumni in giving back to their alma mater. This support not only benefits the college but also helps to enhance the educational experience for current and future students.

**Institutional infrastructure and development:**

The alumni association also contributes to the institution’s strategic planning and development. Mr. Pulak Roy, Honourable GB president of this College, being an ex-student takes immense effort to

support the holistic growth of Uluberia College. The students' representatives also take notable action in this regard.

### **Cultural and Sports activities:**

Another important aspect of the alumni association's work is maintaining and celebrating the college's traditions and heritage. Alumni events often include reunions, homecoming celebrations, and awards ceremonies that honour outstanding graduates. These occasions serve to strengthen the bond between alumni and their alma mater, preserving the institution's history and celebrating its achievements.

### **Support during Pandemic era:**

During the difficult times of Covid-19 pandemic, when students needed exclusive support for future perspectives, the alumni came forward to provide necessary guidance consistently either by arranging online meets or through social media. This helped the students immensely to stay focused and connected to the academics maintaining regulatory actions to their career.

### **Donating Books in Academic interests:**

Alumni generously donating books are greatly enhancing our library's collection, providing valuable resources for current students. Your contributions help cultivate a vibrant learning environment and support our mission of educational excellence. We deeply appreciate your commitment to our community's growth and success and thereby strengthening our educational legacy.

Overall, the alumni association of a college is a dynamic entity that enriches both the institution and its graduates. By providing networking opportunities, Philanthropy, contributing to institutional planning, offering career counselling, and preserving traditions, the association plays an essential role in sustaining and enhancing the college community. Its efforts help to ensure that the bond between the college and its alumni remains strong and mutually beneficial, creating a vibrant and supportive network that lasts long after graduation.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1

*The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

#### Response:

#### Vision:

Committed to holistic education, Uluberia College integrates technology into its diverse curriculum, fostering critical thinking, creativity, and ethical values through innovative teaching methods and research opportunities. Community engagement, fundamental to our vision, will aim to cultivate social responsibility and global awareness. We envision a tech-enhanced, nurturing, and inclusive campus culture that celebrates diversity, encourages lifelong learning, and empowers students to excel academically, socially, and professionally.

**Mission** is, thus, the *Acquisition, Analysis and Application* of knowledge for educational excellence. We aim at Knowledge:

- **Acquisition** to address challenges and opportunities of rural communities.
- **Analysis** to critically evaluate information, problem-solving and to integrate sustainable development principles.
- **Application** for sustainable growth through internships, projects, and fieldwork, aligning with sustainable development goals; collaborations with local communities to address specific needs, innovation, and entrepreneurship, focused on sustainable solutions and research initiatives to develop sustainable practices.

They are visible in our:

#### NEP, 2020 Implementations:

1. As per university statutes, we have:

- Curriculum & Credit Framework (CCF)
- Academic Bank of Credit (ABC)

2. On-campus discussions on NEP 2020.

**Sustained Institutional Growth:** As per NAAC's previous recommendations, the following were done:

- **Infrastructure for:**

1. **Digitalization:** Smart classrooms, display panel boards, ORELL Talk digital language lab, CCTV camera, UTM machine and a server room for centralized Wi-Fi system.
2. **Student activity:** Upgraded libraries, laboratories, gym, yoga, karate rooms, boys' and girls' common rooms.
3. **Energy conservation:** Solar panels, rain-harvesting and drip-harvesting systems, motion-sensory system. Fire extinguishers with stringent safety protocols.
4. **Recreation:** Terrace garden, staff and student canteens, air-conditioned auditorium, terrace-shed for get-togethers
5. **Computer Training & Distance Learning Centers.**

- **Academic**

1. **ICT-based learning** through **College App, ZOOM, College YouTube and College App.**
2. **Post-graduate programs in Math and Bengali and new B.Ed. Method subjects** – Philosophy, Education and Geography were introduced.
3. **Value-added Course** were started.
4. **Sanitizers and soap-making** courses.
5. **Compost-making** from kitchen-waste

- **Research - We have:**

1. Publications in reputed journals.
2. Publication for faculties – '**Quest**', and for students – '**Musings**', '**Metamorphosis**', etc.
3. New research infrastructure:

- **Animal House in BOOST Laboratory** of Zoology Dept.
- **Innovation Centre and Dark Room** in Physics Dept.
- **Mushroom Cultivation Room** in Botany Dept.
- BOOST Laboratory has been opened up for other institutions to engage in research-based collaborative activities.
- **Ph.D. NOCs given.**
- **Dr. Tapas Kumar Samanta** (Math Dept.) **has supervised Ph.D. programs under University of Calcutta.**

- **Administration**

1. Teaching & non-teaching **posts filled.**
2. Non-permanent teachers are now **State-aided College Teachers.**
3. **E-governance** introduced.
4. **Visiting-teachers** paid by the institution.

### **Decentralized governance:**

Our **stakeholders** are **well-represented** in Governing Body. Our **internal policies**, discussed in Teacher Council Meetings, are executed through **Committees and Sub-committees.**

### **Participative administration:**



Staff and students participate in academic, administrative, and cultural activities. **Departments take turn in acting as Examination Committee.**

**Our Short-Term Plans are to have:**

1. Complete **infrastructural renovation.**
2. **PIR** (passive infrared sensor) sensor system to automate library infrastructure.
3. **Guest-house and double floor cycle-stands.**
4. **Industrial links** and industry-sponsored research projects.

**Our Long-Term Plans:**

We look forward to being the **hub for internship and entrepreneurship.** We already have B. Ed and NCC programs, we aim to diverse our infrastructure and resources to introduce few other vocational courses. This, we believe, will produce creative thinkers and powerful entrepreneurs in the recent future.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1

*The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc*

**Response:**

**I. Perspective plans, deployed for institutional development, included:**

**A. Infrastructural renovations, extensions & new constructions.** We have infrastructure for:

1. **Digitalization:** Smart classrooms, display panel boards, ORELL Talk digital language lab, CTV camera, UTM machine and a server room for centralized Wi-Fi system.
2. **Student activity:** Upgraded libraries, laboratories, gym, yoga, karate rooms, boys' and girls' common rooms.
3. **Energy conservation:** Solar panels, rain-harvesting and drip-harvesting systems, motion-sensory system. Fire extinguishers with stringent safety protocols.
4. **Recreation:** Terrace garden, staff and student canteens, air-conditioned auditorium, terrace-shed for get-togethers.
5. **Computer Training & Distance Learning Centres.**

**B. Introducing ICT-based, student-centric learning methods, like experiential and blended & flipped methods.**

**C. Initiating 30 value-added courses.**

**D. Practicing e-governance in academic, administrative, finance and student support.**

**E. Promoting research:**

1. Research-based publications like *Quest* for faculties, *Metamorphosis*, *Musings*, etc. for students;
2. Updating research infrastructure of **Animal House in BOOST Lab** (Zoology Dept.), *Innovation and Dark Rooms* (Physics Dept.), *Mushroom Cultivation Room* (Botany Dept.), etc.
3. **Dr. Tapas Kumar Samanta** (Math Dept.) has supervised **Ph.D. programs** under University of Calcutta.
4. **Ph.D. NOCs** were given.
5. Introducing **best practices** like *mobile library* and *college app utilization* for daily institutional activities.
6. **MoU-based collaborations** for faculty exchange, outreach and research-based activities.

## **II. Effective institutional functioning has been ensured through:**

1. **Policies:** Being non-autonomous, institution's **statutory policies** are as per statutes of Govt. of West Bengal and University of Calcutta. However, for deployment of perspective plans, **non-statutory policies** were formed, duly approved by the Governing Body, viz.

- **E-governance Policy**
- **Financial Support Policy for Faculty Empowerment**
- **Add-On Course Policy**
- **Staff Welfare Policy**
- **Students' Aid Fund Policy**
- **Plastic Free, Green Campus Policy**
- **Energy Conservation Policy**
- **Anti-ragging and Anti- cybercrime Policy**
- **Statutory Cell Policy**
- **Equal Opportunity Policy**
- **Codes of conduct & Disciplinary Rules**

2. **Administrative setup:** Our **Organogram** is topped by its **Governing Body**, followed by the **Principal**, the **IQAC**, **Teachers' Council**, **Committees**, **Sub-committees & Statutory Cells**, **Head of Departments**, **Teaching & Non-teaching Staff** and a **Student Body**, represented by its **General Secretary**.
3. **Appointment and service rules:** **Appointment letters**, although provided after **Governing Body Approval**, recruitments are as per **UGC and WBCSC norms** for filling **substantive posts**, and as per **West Bengal Govt. Memorandum for SACT (Categories I & II)** for filling **non-substantive posts**. Service rules are as per **State Govt. Service Rules, UGC & statutes of University of Calcutta**.
4. **Procedures for Deployment of Development plan:** For **optimum resource utilization** for staff

and student welfare, the following **institutional procedure** is followed for deployment of plans and policies:

IQAC receives institutional **plan/proposal** for development from respective **Department** or **corresponding Committee**. It, next, sends it to the **Purchase/ the Building Committee** for approval and to **Finance Committee** for **budget allocation**. Next, it is forwarded for **Governing Body approval**. Having received GB approval, it is send back to the **Finance Committee** for **fund allocation**. After fund allocation, it is sent back to the Purchase/ the Building Committee and the corresponding Committee for **plan deployment**.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Institutional perspective Plan and deployment documents on the website	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 6.2.2

*Institution implements e-governance in its operations*

- 1.Administration
- 2.Finance and Accounts
- 3.Student Admission and Support
- 4.Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	<a href="#">View Document</a>
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	<a href="#">View Document</a>
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

### 6.3.1

**The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression**

**Response:**

#### **A. Performance Appraisal System**

Uluberia College conducts performance appraisal through:

- Promotional documents, prepared as per UGC norms for **Career Advancement Scheme (CAS)**.
- **360 Degree Teachers Appraisal Report**.
- **Self-Appraisal Online Report**, maintained by **Teaching Staff**, since 2021.
- **Self-Appraisal Online Report**, maintained by **Non-Teaching Staff**, since 2021.
- Departmental data, provided for SWOC Analysis for **Academic & Administrative Audit**.
- **Feedback** from all stakeholders like student, teacher, employee and alumni.

#### **B. Welfare Measures for Teaching & Non-teaching Staff**

**Our statutory welfare policies include:**

It includes all kinds of **Leave, Holiday, Salary structure, HRA, Provident Fund and Pension benefits, Gratuity and Leave Encashment** as per statutes of Higher Education Dept. Govt. of West Bengal (WB) and of University of Calcutta. **NOCs** are given for career advancement like pursuing **FDPs and Ph.D. programs**. All employees are covered under **GPF rules and West Bengal Health Scheme (for teachers) and 'Sasthosathi' health scheme (non-teaching staff)**

**Our non-statutory welfare policies include:**

1. **Organizing Professional Development Programs** through on-campus/online workshops, seminars, hands-on training program.
2. **On-duty leave** is allowed for participation in Professional Development Courses.
3. **Departmental Funding:** Departmental seminars, workshops, excursions, field trips, cultural activities are funded to ensure student and staff participation and co-operation.
4. **Loan privileges** can be enjoyed through ones' Provident Fund.
5. **Festival Advance** are given to both teaching & non-teaching.
6. **Festival Bonus** is allowed to staff with pay, below Rs. 50,000/-
7. **E-privileges** are provided through a centrally located Wi-Fi system, Uluberia College App that allows convenient online attendance record, a grievance portal, online Casual Leave record. Our licensed ZOOM platform allows free of cost recording of online classes.

#### **C. Infrastructural privileges:**

- Teachers have the privilege of having **air-conditioned General Staffroom**, Departmental staffrooms, Central Library, B.Ed. library, a Faculty Reading Room, **New Auditorium and Staff Canteen**. A television, computers, fridge, water purifiers, stationaries, separate cabinets and toilet

facilities for male & female and parking space are few other infrastructural privileges made available.

- Central Library has a **coffee-making machine**, high functioning **xerox machine**, a **color printer** and a **scanning machine**.
- Classrooms have **Motion-sensory systems**.
- **Non-teaching Staff office has also been air-conditioned** with all facilities of adequate space, relevant furniture, stationaries, and computers with high functioning internet, printers, water purifier, and toilet facilities with adequate sanitation.
- The **Office Counter Section has been extended** for easy student dealing.
- All corridors have **fire-extinguishers and CC TV** cameras installed.

**D. Entertainment privileges:** The college arranges for

- Annual **staff picnic**, mostly during January
- Annual **sports day** where events are arranged for both students and staff.
- Get-together with **refreshments**, prior to Puja vacation.
- **Superannuated Teachers' Farewell** ceremony.

**E. Avenues for Career Development**

- **Faculties are given NOCs to participate in FDPs, RCs and Short-Term Courses**, and engage in faculty exchange program, etc. as per UGC norms for CAS benefits and more.
- **NoCs to pursue Ph.D. programs and the subsequent increment** privileges are given.
- Faculties are given financial support as per our **Financial Support Policy** to participate in FDPs, RCs and Short-Term Courses, to publish papers, attend seminars, or gain membership in professional organisations for CAS benefits and more.
- **Personal/Professional Development Programs** are organised **for faculties and Administrative Training Programs for Non-teaching staff** in collaboration with other institutions/organisations.
- **Promotion of State-aided College Teachers (SACT)** is offered as per West Bengal Higher Education Dept.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 6.3.2

**Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**Response:** 59.06

**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and**

**towards membership fee of professional bodies year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
38	31	21	34	26

File Description	Document
Policy document on providing financial support to teachers	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	<a href="#">View Document</a>
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**6.3.3**

***Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years***

**Response:** 65.03

**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
67	57	17	47	50

**6.3.3.2 Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
19	21	23	24	25

  

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the certificates of the program attended by teachers.	<a href="#">View Document</a>
Annual reports highlighting the programmes undertaken by the teachers	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1

**Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)**

**Response:**

#### 1. Strategies for fund mobilization

The institution has mobilized fund as follows:

**Diverse Funding Sources:** Our diverse funding sources has ensured financial stability and has reduce dependency on a single income-source. Funds:

- As **royalty from College Computer Centre**
- As **royalty from Tata Ambience**
- From **generator hire charges** from College Computer Centre
- By **selling old college furniture**, electrical goods, plumbing material, etc.
- From Howrah DM Office for **Lok Sabha, 2019 Election**.
- As **CU exam fee** Theory & Practical
- By **lending Haripada Manch** during Election for Vote training.
- For **conducting competitive exams** like Police Entrance Exam, Staff Selection Commission Exam, etc.

**2. Grants Received:** We have received grants from govt. and private institutions:

- Being govt.-aided, Rs. 50, 00,000/- received as RUSA grant on 22.03.2018
- Rs. 25000/- received in 2019-20 from **Science & Technology and Biotechnology Dept., Govt. of WB** for research in BOOST lab.
- Rs. 10,000/- received as seminar grant from **Inclusion and Diversity Funding, Royal Society of Chemistry, London** to organise a seminar series in collaboration with Chemistry Dept., Bhawanipur Education Society College from November 2022-April 2023.
- Rs. 62600/- received in 2019-20, from **TLC, IIT, Kharagpur** to organize a workshop for pre-service teacher trainees.

**3. Collaborative Partnership:** Uluberia College has signed MoU with several institutions. A few have them have been funding us for collaborative activities:

- Rs. 5000/- received from **Maharani Kasiswari College** to conduct a seminar in collaboration, entitled "GITA: SAMPRATIKA SAMAJAH on 12th December, 2022.
- Fund received for **e-waste management** in collaboration with Hulladek Recycling Pvt. Ltd.

**4. Endowment Funds & Memorial Scholar Funds:** We are privileged to receive endowment funds and memorial scholar funds from philanthropists. The gift-amounts have been invested and income, spent as directed by endowment agreement. Few to name:

- Late Monoranjan Maity Memorial Scholar Fund
- Sri Ajit Kr. Roy Endowment Fund
- S.C. Mitra Endowment Fund
- Induprobha Ghoshal Memorial Fund, etc.

### Optimum fund utilization

Optimum fund utilization has been ensured through:

- 1. Budgeting and Financial Planning:** Our bursar, in collaboration with the institution's Finance Committee, prepares annual budget, places the draft for Governing Body approval and, after having received the approval, the final budget is sent to the Accounting section for implementation
- 2. Cost-effective practices:** We have funded cost-effective practices:
  - Using **energy-conservation means**, viz. **solar panels, motion-sensory, drip-harvest and rain-harvest systems.**
  - Leveraging **technology** for efficiency, viz. a central **Wi-Fi system, licensed Zoom app and**



**CCTV cameras.**

- Bulk purchasing agreements, viz. **e-tendering** to procure **UTM Machine and Laptops, Lab equipment, etc. RUSA Fund Utilization Certificate** for bulk procurement of **gym equipment**.

**3. Resource Allocation:** Resources were allocated under following heads:

- Repair & Maintenance
- Administrative & Contingency Expenses
- Financial Support to faculties and students as per internal policies

**Financial Audits**

1. **Internal Audits:** An independent internal auditor, **Abhijit Banerjee, CA, from Banerjee Abhijit & Associates**, reviews our financial process to see that they align with our internal policies, and identifies places of improvement. He reports his audit statement to the Principal.
2. **External Audits:** An external audit firm, **S.K.Goswami & Associates**, assess institution's financial statements for compliance with relevant accounting statements. He reports his external audit statements to the Directorate of Public Instruction, Govt. of WB.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.5 Internal Quality Assurance System****6.5.1**

**Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

**Response:****1. IQAC Review of Teaching-Learning Process:**

- IQAC reviews our teaching-learning process through annual **Academic Calendars, teachers' curriculum planning** and implementation, **lesson plans** and formative evaluation through **class tests**.
- New pedagogical approaches, like **Blended & Flipped Method** of teaching, **Experiential**

**Learning and ICT-based learning and Internship programs**, were introduced to enhance learning quality.

- **30 value-added courses** have been initiated for knowledge and skill development.

## 2. IQAC Review of Structures & Methodologies of Operation:

- Institutional structures and methods of operation are reviewed through annual **Academic and Administrative Audit (AAA) Reports**. Based on the audit reports, steps are taken for institutional improvements as per Governing Body recommendations.
- Records of **departmental and individual research-based and academic activities** are reviewed through the **IQAC Portal in Uluberia College App** where faculties of all Departments are to upload reports and supporting documents of their individual and departmental activities and achievements.

## 3. IQAC Review of Learning Outcomes:

- Frequent **class tests, guardian meets, and internal assessment**, mentoring of slow learners through tutorial classes and collecting **student feedback** on teacher performance and curriculum planning are done to review if learning outcomes have been attained in the university-prescribed subjects and programs.
- To, further, enhance learning outcomes, IQAC has institutionalised **30 Add-on Courses**. Tests are conducted and certificates, issued, at the end of each of these Courses to ensure if the expected learning outcomes have been attained.
- **PO and CO for each department** are assessed annually and uploaded in the College Website.
- Under the terms of MoU with other institutions, **collaborative activities** like administrative training programs (ATP), professional development programs (PDPs), seminars, and faculty exchange programs have been organised for all-round development of staff and students.

## 4. For incremental improvement, IQAC has taken the following steps

### (a) Initiatives towards Digitization:

- To ensure quality and transparency, IQAC ensured e-governance in administrative, academic, finance and student support, through **College Automation Software (CAS 7.1)** till 2021.
- From 2022 onwards, **Uluberia College App** was installed to digitize and streamline our operations in the mentioned four sectors.
- IQAC has updated **College Website** time to time for e-governance in administration, academic and student-support.

**(b) Initiatives for Outreach Activities:**

- IQAC has undertaken Community Outreach Activities like training school students how to make **composites out of kitchen waste**, enrol in **soap and sanitizer making courses**, conducting **free-of-cost health check-up** in the nearby village, **tree-plantation** in local areas, **spreading awareness against dengue and corona virus** for sustainable development of rural India.
- One of our best practices is to have **Mobile Library for elderly citizens, entitled “Ashun Boier Jonne Haati”**, run by student volunteers.

**(c) Initiatives for Research Activities:**

- **Research-based Publications** for faculties – ‘Quest’, and for students – ‘Musings’, ‘Metamorphosis’, etc.
- New research infrastructure:
- Animal House in **BOOST Laboratory** of Zoology Dept.
- **Innovation Centre** and **Dark Room** in Physics Dept.
- **Mushroom Cultivation Room** in Botany Dept.
- **BOOST Laboratory** has been opened up for other institutions with whom we have MoU to engage in **research-based collaborative activities**.
- **Ph.D. NOCs** given.
- Our **faculties supervise Ph.D. programs**. One to name would be **Dr. Tapas Kumar Samanta** of Math Dept. He has been the **Joint Supervisor and Supervisor for Ph.D. programs under University of Calcutta**.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.5.2****Quality assurance initiatives of the institution include:**

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

**Response:** A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	<a href="#">View Document</a>
NIRF report, AAA report and details on follow up actions	<a href="#">View Document</a>
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>
Link to Minute of IQAC meetings, hosted on HEI website	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1

**Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.**

*Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words*

#### **Response:**

Uluberia College identifies gender equity as a fundamental human right and a necessary foundation for a sustainable world. The college is committed to achieving gender equity through a variety of sensitization programs, aiming to educate students about social, ideological, and cultural diversity. By commemorating national and international days of importance, the institution fosters awareness and respect for gender equity as a norm in both curricular and extracurricular activities.

**Gender Audit:** Uluberia College regularly conducts Gender Audits involving students, faculty, and non-teaching staff. As a coeducational institution, the college has historically upheld gender equity and remains dedicated to fairness, inclusivity, and creating an environment where everyone has equal opportunities to succeed, regardless of gender.

#### **Gender Issues in Curriculum:**

The institution offers UG and PG Courses that address pertinent gender-related issues. The gender related topics that are taught are highly diverse and include the following areas; studies on feminism, gender geography, literature and non-fictional works by women authors; writings on or about women by well known authors; gender as a social issue, gender inequalities, education and politics; women's empowerment and empowerment policies, democratic awareness through legal literacy, social issues and movements in India; and women studies in India. Faculty members adopt inclusive teaching methods that cater to diverse learning styles and address gender biases, promoting interactive discussions and critical thinking on gender-related topics.

#### **Gender Sensitization in Co-curricular Activities:**

The institution actively addresses women's issues and instills gender sensitivity in students and staff through various cells, organizations, and initiatives. Key initiatives include the Women Cell, Anti-Ragging Cell, Moral and Value Education programs, Human Rights and Gender Awareness programs, Entrepreneurship avenues, and Women Empowerment talks. The Women Cell, in collaboration with the Internal Quality Assurance Cell (IQAC) and various departments, organizes events such as International Women's Day, programs on women's safety, cybercrime, female foeticide, and campaigns against AIDS.

#### **Day Observances:**

The institution promotes inclusiveness, high moral and ethical standards, tolerance and mutual respect

among students through observance of commemorative days, events and festivals. These initiatives foster reverence and appreciation for regional, national and international ideals and norms.

#### Facilities available for women in the college campus:

1. **Girls' Common Room:** Equipped with amenities for sports and recreation.
2. **Sanitary Napkin Vending Machine:** Installed for convenience of female students.
3. **CCTV Cameras:** Installed primarily for women's safety.
4. **Grievance Redressal:** An active Internal Complaints Cell and Anti-Sexual Harassment Cell address grievances, though no such grievances have been reported to date.
5. **Kanyashree Prokolpo:** A program for supporting girl students during their studies.
6. **Karate Training Classes:** Operated since 2010 under the guidance of Mrs. Moushumi Mojumdar, an expert in Traditional Shoto Karate.

#### Women Empowerment in College Administration:

The Internal Complaints Committee (ICC) operates under a senior lady professor as the convener. The Coordinator of IQAC (until 2022) was an experienced female professor. Various committees under the Teachers' Council, IQAC, and administrative bodies are convened by lady faculty members. Since 2010, the Associate NCC Officer (ANO) post has been held by a senior lady faculty member.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 7.1.2

##### The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

**Response:** A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	<a href="#">View Document</a>
Geo-tagged photographs/videos of the facilities.	<a href="#">View Document</a>
Circulars and report of activities for the implementation of the initiatives document	<a href="#">View Document</a>
Bills for the purchase of equipment's for the facilities created under this metric	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**7.1.3**

**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

**Response:** A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	<a href="#">View Document</a>
Policy document on environment and energy usage Certificate from the auditing agency	<a href="#">View Document</a>
Green audit/environmental audit report from recognized bodies	<a href="#">View Document</a>
Certificates of the awards received from recognized agency (if any).	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**7.1.4**

**Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of**

## students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

### Response:

In order to create an inclusive environment, Uluberia college implemented a number of initiatives and efforts, such as **commemorating national and international days, national festivals, NSS activities**, and other events. These activities involved teachers and students from diverse backgrounds working together on a single platform. Through these activities, tolerance and harmony towards differences in language, culture, geography, and society as well as in social and economic conditions within the community are fostered.

Events like **the welcome ceremony**, which serves as an induction programme for recently admitted students, and the **farewell ceremony**, which is a regular practice for all college departments, offer a forum for communication between incoming and outgoing students. This practice aids in the new students' understanding of the institution's cultural heritage. Uluberia College, through its various initiatives and efforts tries to create an inclusive environment. Some of these are classified and described below -

**To promote cultural harmony:** One cultural festival is organized every year after the entry of new semester students. It acts as a platform for exhibiting the latent talent of new aspirants with the purpose to make them feel connected as an integral part of this college.

**To promote linguistic harmony:** Students and staff can respectfully engage in language of their choice for on campus communication. Though higher education demands English language, our faculties are empathetic enough to deliver lessons multilingually, as per students' convenience.

**To promote Socio-economic harmony:** We have ensured canteen services for students belonging to all economic classes. Our institution tries to support financially weak candidates by waiving academic fees. The fee structure has been prepared keeping in mind the first-generation earning status of majority portion of the students.

**To promote regional harmony:** Our students celebrate not only the popular local festivals such as Holi, Dipawali, but festivals like Saraswati Puja, Viswa Nabi Divas as well, which indicates their respect for regional and cultural harmony.

**To promote Constitutional obligations:** The college is steadfast in its commitment to fostering awareness among students and employees about their constitutional obligations, including values, rights, duties, and responsibilities. This mission is advanced through a range of meticulously designed programs centered on the Constitution of India. Key initiatives include expert-led lectures, mock parliaments, interactive sessions, and quiz contests. In addition, the college conducts awareness campaigns, organizes orientation and training programs, and hosts seminars and workshops on ethical values and civic responsibilities. Collectively, these efforts are aimed at sensitizing the student community and nurturing the development of future leaders who are both socially responsible and deeply informed about their constitutional roles.



File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 7.2 Best Practices

### 7.2.1

**Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual**

**Response:**

**Best Practice – 1: Uluberia College App (One Institution; One Digital Platform): Access, Inclusion, Empowerment**

#### A. Objectives of the Practice:

- **Improve attendance register:** Online/offline attendance system for students and staff to enhance accuracy.
- **Engagement:** Encourage active student participation and facilitate real-time notifications, online exams, class schedules, assignments, and study materials.
- **Optimizing the resource access:** Easy access to learning resources, including library materials and LMS content.
- **Continuous improvement and quality assurance:** Feedback systems and centralized repositories like the IQAC portal helps to accelerate the improvement in teaching practices and encourage the institutional quality assurance efforts.
- **Grievance Handling:** Provide a platform for users to register their grievances

#### B. Context:

- The COVID-19 pandemic necessitated a move to digital education as traditional classrooms were no longer feasible.
- The need for digital education apps increased, offering students a safe and accessible way to continue learning from distance.
- This apps provided flexibility for own-paced learning and enabled teachers to monitor improvement, helping to overcome discontinuation in traditional education.

#### C. The Practice:

- **Attendance Management:** Teachers can register attendance, send assignments, and maintain attendance registers. Students can also register online/ offline attendance.
- **Communication and Notifications:** The app enhances communication between students, faculty, and staff, with real-time notifications.
- **Classroom Management:** Faculty can manage class schedules, view class history, and organize

online classes.

- **Student Feedback:** Students can provide feedback on classes, helping to improve teaching methods enhances class duration.
- **Online Exams:** The app supports online exams, from notifications to question uploads and marks submission.
- **Learning Management System (LMS):** Faculty can upload study materials.
- **Library Access:** The app enables access to library resources, with QR codes for streamlined book circulation.
- **Grievance Portal:** Users can report grievances.
- **Marksheet Repository:** Marksheets for graduated students are stored for easy access.
- **Internship Programme:** The app manages internship programs for students.
- **IQAC/NAAC Repository:** A centralized repository for IQAC/NAAC documents is maintained for institutional quality assurance.

#### D. Evidence of Success:

- **Increased Attendance Accuracy:** The use of QR codes and online/offline attendance systems reduced errors and increased classroom teaching hours.
- **Enhanced Engagement:** Real-time notifications and improved messaging increased student engagement.
- **Efficient Exam Management:** A uniform platform streamlined exam-related processes.
- **Improved Access to Resources:** Instant access to schedules, materials, and library resources improved student convenience.
- **Effective Feedback:** Continuous improvement in teaching methods and content, supported by feedback mechanisms.
- **Streamlined Grievance Redressal:** Efficient reporting and resolution of issues through the grievance portal.

#### E. Problems Encountered and Resources Required:

- **Building Trust:** Initial doubt from students and staff about non-traditional teaching methods required effort to overcome.
- **Versatility Issues:** The need for a website version to handle bulk operations and streamline updates, particularly for tasks like updating student results.
- **Language Barriers:** The English is the only interface posed challenges for non-teaching staff less familiar with the language.

#### F. Notes (optional):

The COVID-19 pandemic increased the adoption of digital education, transforming teaching and learning. Through continuous innovation, Uluberia College App effectively overcomes challenges, ensuring equitable access, personalized instruction, and lifelong skill development, making it essential for the future of education.

Uluberia College Application is *developed and maintain by Dr. Shibsankar Das*, Associate Professor, Department of Mathematics, Uluberia College & IQAC Coordinator, Uluberia College

## Best Practice - 2: Mobile Library for Elderly Citizens Run by Student Volunteers

### A. Objectives of the Practice:

Uluberia College initiated a program to revive reading habits among students by rewarding them for purchasing and reading books. The initiative also encourages students to volunteer by reading to elderly citizens, fostering community bonds and bridging the generation gap through shared reading experiences of scriptures, newspapers, and stories.

### B. The Context

Uluberia College has tackled the decline in reading habits due to electronic media addiction by launching sensitization programs, including book reading rallies. The college also offers financial support for students to purchase non-curricular books. Students must read these books and return them to the library to receive reimbursement. This approach not only incentivizes reading but also helps students engage with diverse literature, aiming to improve concentration and overall behaviour.

### C. The Practice

Uluberia College has implemented several initiatives to address declining reading habits among students and enhance intellectual growth. Recognizing the issue, the library committee developed strategies which were approved by the Governing Body. The best practices are divided into two main areas:

#### 1. Promoting Reading Habits:

**Book Fair Participation:** Students are encouraged to buy books at the Uluberia Book Fair, read them, and return them to the library for reimbursement. This incentivizes reading and engages students with diverse literature.

**Book Walk Rally:** An annual rally to raise awareness about book reading and the book fair, creating enthusiasm and community involvement. Students and faculty actively participate, exploring books and interacting with authors.

#### 2. Mobile Library for the Elderly:

**Elderly Outreach Program:** Student volunteers run a mobile library service, reading scriptures, newspapers, novels, and stories to elderly citizens. This initiative covers over 4000 households and fosters community bonds while providing companionship and intellectual stimulation to the elderly. It also helps students develop communication skills and empathy.

### D. Evidence of Success

The Mobile Library program has reached over 4000 senior citizens, providing them with companionship and intellectual stimulation. This initiative has developed students' sense of duty and empathy, enhancing their communication skills and understanding of societal issues. The program has notably improved the mental and emotional well-being of the elderly, offering them purpose and connection. It has alleviated

loneliness and isolation, particularly benefiting those with vision impairments by allowing them to enjoy literature through read-aloud sessions. The interaction with students has brought joy and engagement to the elderly, while also addressing their various challenges.

### E. Problems Encountered and Resources Required

Uluberia College tackled the challenge of fostering reading habits among students from diverse backgrounds, amid distractions from electronic media. Initiatives included a “Book Walk” for community and student awareness, and various seminars and workshops. Students were encouraged to read both library books and those they purchased themselves. Reimbursement for returned books served as positive reinforcement, motivating students to engage with diverse literature and build healthy reading habits.

### F. Notes (Optional)

“Mobile Library” followed by various other awareness programme triggered a spontaneous participation of students and elderly citizens from the neighbouring community. Both the stakeholders were benefitted from the programme. The initiative received tremendous attention and appreciation from both print and electronic media. This programme was covered in the leading daily “Bartaman” on 28 December, 2022 and 12 January, 2024.

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

### 7.3.1

**Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

**Response:**

**Novel Drug Development for Socioeconomically Challenged Populations: Focus on Neonatal Jaundice and Anaemia in Young Women**

**Vision:** In our pursuit of advancing societal well-being, our institution is committed to addressing the pressing health challenges faced by socioeconomically disadvantaged communities. Situated in a region where many families experience economic hardship, our college recognizes the critical need to tackle prevalent health issues such as neonatal jaundice and anaemia in young women. These conditions are often exacerbated by socioeconomic factors, and our mission is to develop affordable, biocompatible medicines to address these unmet needs. We aspire to create innovative treatment strategies that

contribute to a healthier and more equitable future for our society.

**Background:** Socioeconomic status (SES) plays a pivotal role in determining health outcomes, with factors like income, education, occupation, and social class significantly influencing disease prevalence and severity. In our locality, many families face economic challenges that increase the incidence of health conditions such as anaemia and neonatal jaundice. Despite the urgent need for effective treatments, affordable options are scarce.

Our commitment to addressing these health disparities was further underscored by the tragic loss of a meritorious undergraduate student who succumbed to severe anaemia. This loss, coupled with the widespread occurrence of neonatal jaundice, galvanized our efforts to find solutions. Our focus is on developing low-cost, safe, and effective medications for these conditions, aiming to provide practical and innovative solutions that improve health outcomes for those most in need.

**Praxis:** Our approach to tackling these health issues involves a multifaceted strategy that integrates research with practical application:

1. **Research and Development:** We have initiated efforts to create novel formulations of nanomedicines in our BOOST Biotechnology Lab. Understanding that translating basic discoveries into viable drug candidates is a complex and lengthy process, we emphasize the importance of preclinical trials as a crucial step in drug development. Our goal is to establish our institution as a leading preclinical research hub, bridging the gap between research and clinical application.
2. **Infrastructure:** To support our research efforts, we have established the "Central Animal Facility" within the Department of Zoology at Uluberia College. This state-of-the-art facility is registered with the Committee for Control and Supervision of Experiments on Animals (CCSEA), ensuring compliance with ethical standards. Our Institutional Animal Ethics Committee (IAEC), led by Dr. Debasish Pal and supported by Dr. Siddhartha Bhattacharya and other distinguished members, oversees animal experimentation to uphold ethical and regulatory standards.
3. **Focused Research:** Over the past decade, we have concentrated our research on developing innovative nanoparticles for treating diseases prevalent in socioeconomically challenged regions. Our research encompasses a range of conditions, including neonatal hyperbilirubinemia, anaemia, ulcerative colitis, lung inflammation, Parkinson's disease, and cirrhosis of the liver. By focusing on these critical areas, we aim to provide effective and affordable treatment options for underserved populations.
4. **Educational Integration:** We believe in the importance of integrating research with education. Our institution offers hands-on experience with advanced molecular biology and biotechnology instruments, providing our students with valuable skills and preparing them for future research careers. This practical training is essential for nurturing the next generation of researchers and innovators.

### Accomplishments:

Our research initiatives have yielded significant accomplishments, reflecting our commitment to improving health outcomes through innovative solutions:

- **Severe Neonatal Hyperbilirubinemia Project:** Our novel nano-formulation for treating severe neonatal jaundice is currently undergoing clinical trials. This project represents a crucial step

toward developing an effective and affordable treatment for this common condition.

- **Anaemia Project:** We have developed a nanocomplex that demonstrates both disease-preventing and therapeutic effects in cases of anaemia related to inflammation. This formulation is now available as a naoceutical, making it accessible to those in need and addressing a critical gap in treatment options.
- **Ulcerative Colitis Project:** Our nanoparticle formulation has shown promising results in reducing inflammatory markers and mortality rates in animal models of ulcerative colitis. This research provides a proof of concept for using nanomaterials to prevent and treat this chronic gastrointestinal condition.
- **Incubation Centre:** We have established an open-access incubation center that encourages collaborative research. This facility has hosted preclinical research by doctors and students from the National Institute of Homeopathy, Kolkata, and has provided undergraduate students with practical experience in molecular biology and biotechnology.

### Collaborations:

Our research efforts have been significantly enhanced through collaborations with esteemed professionals and institutions. These partnerships have provided us with essential equipment and expertise, furthering our research capabilities:

- **Prof. Samir Kumar Pal**, Senior Professor at S N Bose National Centre for Basic Sciences, Kolkata
- **Dr. Vinod K. Bhutani**, Emeritus Professor of Pediatrics (Neonatology) at Stanford University School of Medicine
- **Prof. Asim Kumar Mallick, Prof. Prantar Chakroborti**, and **Prof. Anjan Kumar Das** from Nil Ratan Sircar Medical College and Hospital, Kolkata

These collaborations have been instrumental in advancing our research and expanding our impact.

### Conclusion:

Our institution is dedicated to addressing critical health challenges through innovative research and development. By focusing on diseases linked to socioeconomic factors and fostering a culture of collaboration and education, we aim to make a meaningful impact on public health. Our efforts to develop affordable and effective treatments for neonatal jaundice and anaemia reflect our commitment to improving health outcomes for underserved populations and advancing the well-being of our community and beyond.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

#### Post accreditation initiatives as per NAAC Peer Team Report (PTR) :

The institution has adopted the following initiatives for quality enhancement based on the PTR of 2nd cycle re-Accreditation:

1. At the time of NAAC 2nd Cycle visit 47.45% of total teaching posts were vacant. On top priority, we have successfully filled up 93.22% of sanctioned teaching positions. 81.01% of them are qualified with NET/SET/Ph.D degrees. Also, the college has appointed 79 SACT that have been approved by the Government of West Bengal.
2. The recommendation was to upgrade/replace the classroom furniture, in accordance with that the institution tried to enhance the overall teaching-learning experience by providing 75 classrooms well-equipped with modern teaching aids- LCD projectors, Smart Boards , Interactive digital panels.
3. The amenities in the Boys' Hostel are up to date. Following the NAAC recommendation, we have completed the entire Ladies Hostel building for allocation.
4. A Digital Language Lab for English, Bengali and Sanskrit method subject has been set up.
5. The recommendation was to conduct spoken English classes for students. The institution has initiated Communicative English Course and in addition to that Spoken Sanskrit Course as well, as a part of spreading awareness on Indian Knowledge System.
6. To lower the dropout rate, the institution has offered scholarships and freeships to 2351(2018-19), 6726(2019-20), 7330(2020-21), 8642(2021-22) students respectively.
7. The institution made significant efforts to persuade the Govt. to rationalize the appointment of teachers and successfully appointed 84 Guest Lecturers thereafter.
8. In response to recommendations from the NAAC Peer Committee, the institution has launched 20 employment oriented and 11 socially relevant Add-on courses.

### Concluding Remarks :

The Self-Study Report (SSR) of Uluberia College emphasizes our systematic endeavors in various significant domains, demonstrating our dedication to promoting educational excellence and institutional reliability.

The adoption of a transparent methodology has effectively ensured transparency and accountability in both our academic and administrative processes. Our commitment to transparency cultivates trust among stakeholders and upholds our objective of creating an equitable and impartial learning environment.

Emphasis to the implementation of technology has significantly improved the educational experience, simplified administrative processes, and increased overall efficiency. Through the seamless integration of advanced tools and platforms, we are successfully equipping our students for a future defined by digital technology.

The integration of environmentally sound practices into our operations continues to be a top priority in our pursuit of sustainability. Our initiatives in this field not only improve the preservation of the environment but also cultivate a feeling of accountability among students and staff in promoting sustainable development.

Our objective is to enhance skills beyond the curriculum by providing a range of Add-On programs and opportunities to enhance both academic and practical competency in order to succeed in different professional domains and adjust to a fast changing employment market.

One of the primary objectives of our strategic initiatives is to maximize employment prospects for our graduates by streamlining the shift from academic study to employment through partnerships with career services and the execution of internship programs.

Engaging in this accreditation process will provide us with significant insights that will assist us in enhancing our strategy and attaining our institutional objectives. The institution is dedicated to the ongoing pursuit of excellence, guided by its core principles of transparency, technological progress, sustainability, skill enhancement, and employment generation.