

ANNUAL REPORT (2022-2023)



BENGAL SCHOOL OF TECHNOLOGY

(A College of Pharmacy)



Approved by Pharmacy Council of India, New Delhi; AICTE
Affiliated to: Maulana Abul Kalam Azad University of Technology (MAKAUT)
(Formerly known as West Bengal University of Technology) &
West Bengal State Council of Technical and Vocational Education and Skill
Development (WBSCT&VE&SD)

Accredited by NAAC, Accredited by NBA for B. Pharm

Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

COLLEGE OVERVIEW

Bengal School of Technology (ESTD. 2006) is an outcome of ideas, dream and creativity of a group of entrepreneurs who got together and began a most ambitious programme of philanthropy. A non-profit making trust viz. Supreme Educational Development & Charitable Organization (SEDCO) is established in 2006 with the following trustees to undertake the noble venture of rendering service to the society through establishment of Technological and Professional Institutions of a high standard and also to produce professionals of the highest quality who will be able to cope with the challenges of ever evolving industrial needs of the country.

VISION

To be an Institute where the bright youngsters of our society, who have opted for Pharmacy as a career, are nurtured to generate competent, skilled Pharmaceutical human resources with continued academic precocity and penchant for research, to meet the dynamic challenges of the Pharmaceutical Industry, Hospital Pharmacy, Regulatory affairs under the statutory organizations of the Government/private sector, Pharmaceutical entrepreneurship and all other relevant healthcare sectors, and to serve the society with a lifelong commitment to professional ethics.



MISSION

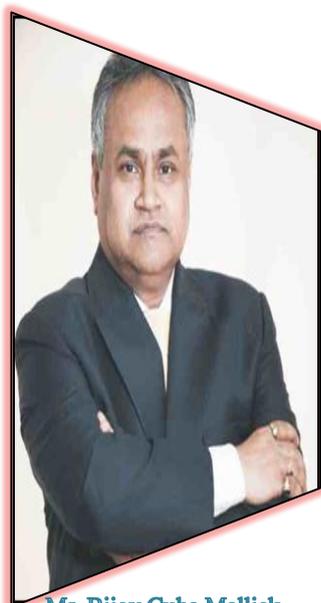
To produce highly competent, skilled Pharmacy human resources with continued academic precocity and penchant for research, with commitment for the concept of lifelong learning to meet the dynamic requirements of the ever expanding Pharmaceutical Industry, Hospital Pharmacy, Pharmaceutical entrepreneurship, services under the Government, and all other relevant healthcare sectors, as an important member of the healthcare team with a lifelong commitment to uphold the dignity of the Profession & professional ethics commensuration the Profession of Pharmacy with emphasis on quality health care services in the respective area of services.

PEO

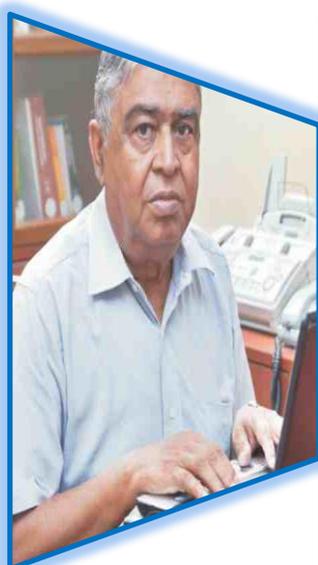
1. Pursue higher studies in India / abroad in the emerging area of interest with continued academic precocity and penchant for research of social/Industrial significance.
2. Imbibe adequate knowledge, skill and nurture with competency to handle the dynamic challenges of the ever growing pharmaceutical industry as a competent pharmaceutical technocrat with a commitment for quality.
3. Nurture need based competency to transform in to a Pharmacy professional with desired skill to serve healthcare sector like Hospital Pharmacy/Clinical Pharmacy/Pharmacovigilance/ Community Pharmacy, and all allied areas of the dynamic health care sector with a commitment for professional ethics commensurating the Profession of Pharmacy, for effective Pharmaceutical Care.
4. Serve as regulatory personnel in Drug control administration/Scientific officer in the statutory organizations/ Government analyst /all allied healthcare services under the government/private organizations, to deliver unmatched services of its kind.
5. Opt for teaching in the Pharmacy Institutions of Higher Education, with an inborn commitment to quality education with emphasis on ethical values in any chosen area of Pharmaceutical services.

Supreme Educational Development & Charitable Organization (SEDCO)

Bengal School of Technology (ESTD. 2006) is the result of the thoughts, dreams, and imagination of a group of entrepreneurs who came together and embarked on a highly ambitious philanthropic enterprise. Supreme Educational Development & Charitable Organization (SEDCO) was established in 2006 with the following trustees to undertake the noble venture of rendering service to society through the establishment of high-quality technological and professional institutions, as well as to produce professionals of the highest quality.



**Mr. Bijoy Guha Mallick,
Chairman, Managing Trustee**



**Mr. Dilip Kumar Mondal,
Secretary cum CEO**



**Mrs. Ratna Guha Mallick,
Trustee Member**



**Mr. Krishna Chandra
Mondal, Trustee Member**

GOVERNING BODY MEMBERS

NAME	DESIGNATION	POSITION
Prof. (Dr.) B N Biswas	Emeritus Professor of AICTE, Ex-Director of UIT, Bardhaman & Ex-Director, AOT; Advisor, SKFGI, Hooghly	Chairman
Prof.(Dr.) P. Suresh	Principal, Bengal School of Technology	Secretary
Prof. (Dr.) Pranabesh Chakraborty	Former Principal, KMIPS, Orissa & GCTS, Asansol Advisor & Director (Academic) SEDCO	Member
Mr. Bijoy Guha Mallick	Chairman & Managing Trustee, SEDCO	Member
Mr. Dilip Kumar Mondal	CEO & Secretary, SEDCO	Member
Mr. Krishna Chandra Mondal	Trustee, SEDCO	Member
Mrs. Ratna Guha Mallick	Trustee, SEDCO	Member
Prof. Sandip Das	Asst. Professor, Govt. College of Engineering and Leather Technology, Kolkata	Member
Mr. Pranabesh Das	Director ,Directorate of Technical Education, Govt. of WB	Member
Prof. (Dr.) Manas Roy	Principal, BSTM, Hooghly	Member
Mr. Surajit Nag	Former Senior GM & Company Secretary, Williamson Magor & Company Ltd., Kolkata	Member
Prof. (Dr.) Jayanta Chattopadhyay	Ex. VP, Freseneus Kabi; Professor, BST	Member
Mr. Biswanath Ghosh	Assoc. Professor, BST	Member
Mr. Soumya Guha Mallick	Vice Chairman, SKFGI	Member

SEDCO

Supreme Educational Development & Charitable Organization (SEDCO), a non-profit charitable Trust, was founded in 2005 with the primary goal of promoting education and learning in all of its aspects or branches of education, and to undertake the noble venture of rendering service to society through the establishment of high-quality technological and professional institutions, as well as to produce professionals of the highest quality. The registered office of the trust is at Super Market, Railway Station Road, Chinsurah Railway Station, Hooghly, West Bengal. The Trust's members are Mr Bijay Guha Mallick (Chairman Managing Trustee), Mr Dilip Kumar Mondal (Secretary cum CEO), Ms Ratna Guha Mallick (Trustee Member), and Mr Krishna Chandra Mondal (Trustee Member).

THE SIGNIFICANCE OF BST

Bengal Institute of Technology - The Supreme Educational Development & Charitable Organization (SEDCO), a nonprofit making charitable Trust, established A College of Pharmacy, Sugandha in 2006 as one of the leading Pharmacy institutions, with state-of-the-art infrastructural facilities of its kind, imparting quality education.

- ❖ Wi-Fi is activated. A tranquil and expansive swatcha green campus with 24 hour electricity backup.
- ❖ Large classrooms and an innovative laboratory
- ❖ Digitalized library with 700+ titles and 9000+ volumes, as well as e-book book service and a substantial number of national and international periodicals.
- ❖ Males and females have separate multistory well-furnished college hostels.
- ❖ First-year students have their own hostel.
- ❖ Indoor and outdoor games are held in different facilities, including separate gymnasiums for males and girls.
- ❖ Affordably priced medical care with a reference practitioner.
- ❖ Eminent and experienced faculty from academia and the pharmaceutical industry
- ❖ Add on courses, Seminars, Webinars, workshops, vocational training for professional development.
- ❖ Separate training sessions for competitive exams such as the GPAT.
- ❖ Provide assistance with bank loans and scholarship support services.
- ❖ Intensive career oriented grooming and placement facilities
- ❖ Alumni are well-placed in a variety of industries both in India and beyond.
- ❖ Courses, seminars, webinars, workshops, and vocational training can be added for professional growth.

Chairman's Message

I welcome you all to Bengal School of Technology, approved by Pharmacy Council of India (PCI, New Delhi), which offer B. Pharm degree of West Bengal University of Technology, M. Pharm degree of MAKAUT in Two disciplines. Which offers D. Pharm of WEBSCTE, B. Pharm of MAKAUT and M. Pharm degree of MAKAUT in two disciplines

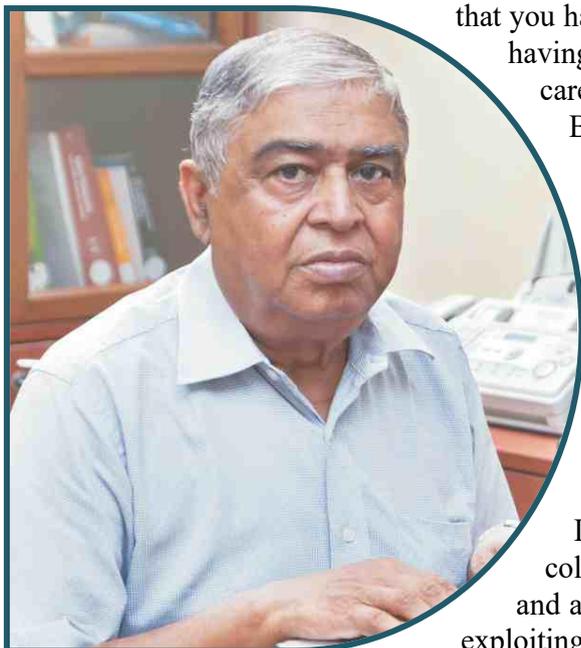


Further, I am happy to see that BST has Maintained its Laboratory facilities, Library and Network facilities, Seminar Hall, Training and Placement facilities, IIPC, R&D Cell which are comparable with those available in the premier institutions in the country; Maintained healthy and peaceful Campus on Delhi Road, adjacent to Chinsurah Railway Station, which houses Canteen and separate Hostel facilities for Boys and Girls; Set up Research & Development (R&D) Cell and Industry Institute Partnership (IIP) Cell within the campus; Created brilliant undergraduate and post graduate students who have co-authored with our faculty research papers in peerreviewed journals of national and international repute; Promoted sports activities among students by creating indoor and outdoor sports facilities; Attracted brilliant faculty to join our Institute with teaching, research and consultancy experiences in national laboratories and universities; Made our institution proud by authoring a large number of research papers in journals of repute in Pharmaceutical Technology; Sponsored postgraduate students to carry out their collaborative projects in renowned Institutes Like IIT, Kharagpur, National Institute of Cholera and Enteric Diseases (NICED), Deys Medical Stores, Albert David, Kolkata etc.; extended research guidance from its senior teachers to the students and teachers of external academic and research institutions for carrying out doctoral research; Hosted a number of national-level seminars on advanced areas of Pharmaceutical Technology and is privileged to honour Bhatnagar Awardee Scientist through these seminars; I thank our students, guardians, teachers and collaborators for extending their support to fulfil the mission of our Institute and appeal to our students to strengthen themselves with knowledge exploiting the facilities of the Institute created for them. Let the employers hanker after our globally acceptable students with sound knowledge in their respective disciplines!

I sincerely believe in what Swami Vivekananda said, “What man 'learns' is really what he discovers by taking the cover off his own soul, which is a mine of infinite knowledge!”

CEO's Message

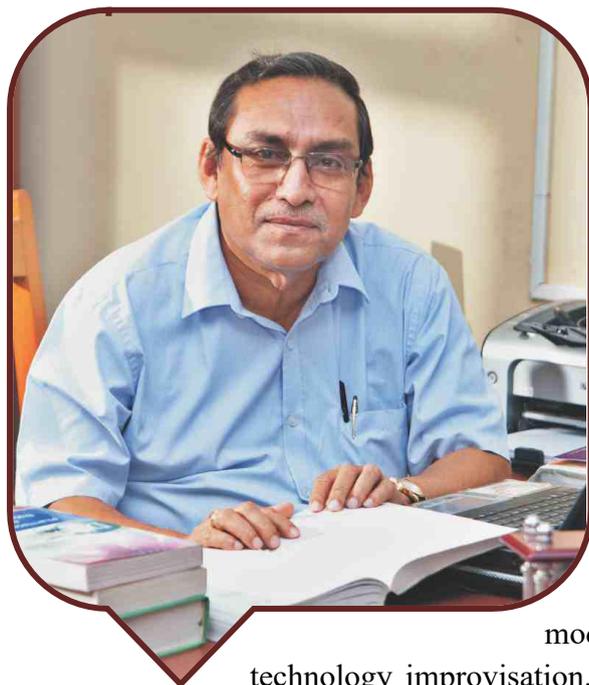
This gives me immense pleasure to extend you a warm welcome to the profession of Pharmacy. I am happy that you have chosen a right profession and further I complement you for having chosen this Institute as a place of learning to nurture your career in Pharmacy.



Bengal School of Technology is approved by Pharmacy Council of India (PCI, New Delhi), and offers B.Pharm and M.Pharm degree in two disciplines under affiliation of MAKAUT. This institute also offers D. Pharm under the affiliation of West Bengal State Council of Technical & Vocational Education and Skill Development, Government of West Bengal.

The Institute is well equipped with all facilities for providing quality education in the field of Pharmacy. As a future Pharmacy professional, I advise you to well equip yourself with all skills to make yourself competent to handle any dynamic challenges of the professional world.

I extend my thanks to the students, guardians, teachers and collaborators for their support to fulfill the mission of our Institute and appeal to our students to strengthen themselves with knowledge exploiting the facilities created for them.

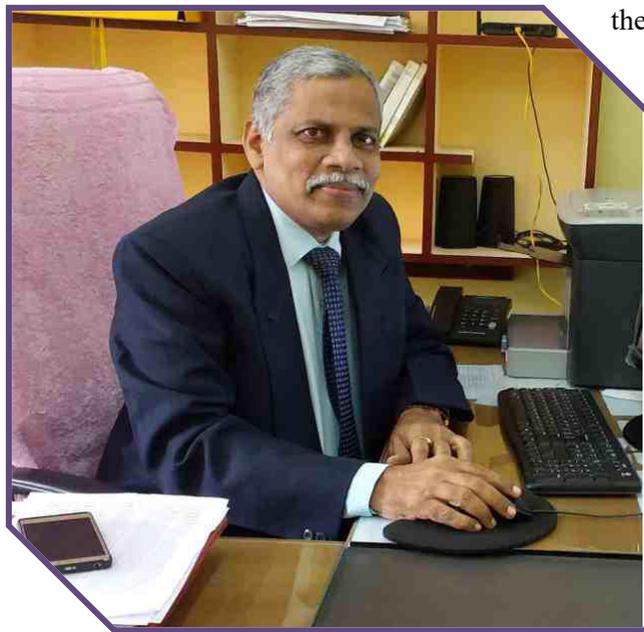
FROM THE DESK OF ADVISOR

Bengal School of Technology (BST) is one of its kind in Eastern India catering Pharmaceutical Technology with a view to produce young technologists of tomorrow with updated and broad spectrum knowledge, crystal clear conception of pharmaceutical technology, in depth understanding of the subject and excellent creativity who can take up any challenge in the ever changing global scenario of the technology and profession. BST will be the institution of choice for the students to develop their all round faculty, skill and aptitude in a student friendly and ethical environment under the able guidance of our sincere highly qualified and experienced faculties and management members with modern academic views and dreams along with modern technology improvisation. Beloved students! Come join, learn, develop, prospect and establish your dream of tomorrow.

FROM THE DESK OF PRINCIPAL

Greetings from Bengal School of Technology (A College of Pharmacy).

Bengal School of Technology (A College of Pharmacy) ,one of the leading Institutes of its kind in the eastern belt of the country with the state-of-the art infrastructural facilities, was established in the year 2006 by the Supreme Educational Development & Charitable Organisation (SEDCO) . The Institute is strategically located in a 4.5 acre sprawling picturesque campus at Sugandha on the Kolkata Delhi Highway near to Chinsurah Railway station in the Howrah to Banded Main Railway line in the district of Hooghly in the state of West Bengal. The location and



the campus environment with unique academic ambience away from the din and bustle of the cosmopolitan city of Kolkata, provides a refreshing environment of a Knowledge Resource Center to nurture the young intellectuals in the respective areas of education and research. The nearest Airport (Netaji Subash Chandra Bose International Airport) is located at Dumdum Kolkatta.

The Institute offers a two year D.Pharm program, a four-year B. Pharm programme and a two-year M. Pharm in Pharmaceutics, and M. Pharm in Pharmacology program. The Institute is affiliated to Maulana Abul Kalam Azad University of Technology (formerly known as WBUT)Kolkata. The Institute is accredited by National Assessment and Accreditation Council (NAAC). The B. Pharm programme is accredited by National Board of Accreditation (NBA).

The Visionary and dynamic Management has left no stone unturned in equipping the Institute with dynamic competent academic intellectuals of national repute, apart from providing the modern infrastructural facilities like modern laboratories (with all essential and modern equipment , apparatus Instruments),Class rooms, Smart class rooms, Language lab, Seminar halls, Conference hall, Tutorial halls, library , Reading room, Animal House, Herbal Garden, Hostels for the Boy and Hostel for Girls, Cafeteria, Canteen, Computer lab, Central Instrumentation Unit, Machine room, Play Ground, adequate and other administrative , academic and other essential amenities as per the norms of the regulating authorities, in a Clean & Green Swatch academic campus, which is a testimony of the commitment for providing quality education by the education provider to deliver the best possible services to the stake holders so as to generate competent, committed, disciplined human resources to meet the dynamic challenges of the global village in all diversified fields of Pharmaceutical services.

Bengal School of Technology Sugandha provides high quality value based education in the field of Pharmacy(A profession which is second to none in healthcare sector in the Global village) with an unwavering commitment, to generate competent skill based Pharmaceutical technocrats ,as men of high character, probity and honour, whose conduct through life will show , they bear the hallmark of BST, and act as a role model, to underscore the importance of the holistic philosophy that, “A commitment to the practice and profession of Pharmacy with all ethical values in its highest form is a lifelong commitment to the humanity by the pharmacy professionals.

I once again extend you a hearty welcome to grab the opportunity to nurture and shape your career in the ever-green noble profession of Pharmacy at Bengal School of Technology (A College of Pharmacy) Sugandha west Bengal.

COURSES OFFERED

Program	Duration (yrs)	Eligibility	Intake
D. PHARM	2	10 +2 PCM/B,CET	60
B. PHARM	4	10 +2 PCM/B , 45% MINIMUM , WBJEE /JEE MAIN RANK	100
B. PHARM (LATERAL)	3	D. PHARM WITH JELET QUALIFIED	10
M. PHARM (PHARMACEUTICS)	2	B. PHARM WITH PGET AND GPAT	15
M. PHARM (PHARMACOLOGY)	2	B. PHARM WITH PGET AND GPAT	12

ACCREDITATIONS

NATIONAL BOARD OF ACCREDITATION
 NBCC Place, East Tower, 4th Floor, Bisham Pitamah Marg,
 Pragati Vihar, New Delhi-110 003
 Tel: +91 11 2436 0620-22, 2436 0654 ; Teletax: +91 11 4308 4903
 Website: www.nbaiind.org

NBA
 NATIONAL BOARD
 OF ACCREDITATION

File No. 36-65-2016-NBA
 To,
 The Principal
 Bengal School of Technology,
 Sugandha, Delhi Road,
 Chinsurah, Hooghly-712102.,
 West Bengal

Date: 04-07-2019

Subject: Accreditation status of program applied by Bengal School of Technology, Sugandha, Delhi Road, Chinsurah, Hooghly-712102., West Bengal.

Sir,

This has reference to your application id No. 2040-14/09/2016 seeking accreditation by National Board of Accreditation to the UG Pharmacy program offered by Bengal School of Technology, Sugandha, Delhi Road, Chinsurah, Hooghly-712102., West Bengal.

2. An Expert Team conducted on-site evaluation of the program from 16th to 17th February, 2019. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1	Pharmacy	January, 2016 Document	Accredited	Academic Years 2019-20 to 2021-22 i.e. upto 30-06-2022	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for three years. Bengal School of Technology, Sugandha, Delhi Road, Chinsurah, Hooghly-712102., West Bengal should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a visit, as deemed appropriate by NBA Committees.

Contd.:-

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
 विषयविभागाय अनुमति आवेग का स्वतंत्र संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
 An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
 National Assessment and Accreditation Council
 is pleased to declare
Bengal School of Technology
 Sugandha Delhi Road, Hooghly,
 affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal as
Accredited
 with **CGPA of 3.22 on four point scale**
 at **A grade**
 valid up to **April 30, 2028**

Date: May 01, 2023

S. C. Saha
 Director

ECSCY/154/2nd Cycle/WBCO/GN26807

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Internal Quality Assurance Cell (IQAC) has been established as a post-accreditation quality sustenance measure for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education. According to the National Assessment and Accreditation Council (NAAC) every accredited institution of higher education should establish Internal Quality Assurance Cell (IQAC) as a post accreditation quality sustenance measure. The primary responsibility of IQAC is to ensure quality enhancement and sustenance. It ensures the efficiency and effectiveness of measures taken/methods used to provide high quality education and evaluate the degree to which each task is fulfilled. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realization of the goals of quality enhancement and sustenance.

FUNCTIONS:- SOME OF THE FUNCTIONS EXPECTED OF THE IQAC ARE:

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution
- Dissemination of information on the various quality parameters of higher education
- Organization of workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes / activities leading to quality improvement
- Acting as a nodal agency of the institution for quality-related activities
- Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.



NAAC AUDIT :

The NAAC functions through its General Council (GC) and Executive Committee (EC) comprising educational administrators, policy makers and senior academicians from a cross-section of Indian higher education system. The Chairperson of the UGC is the President of the GC of the NAAC, the Chairperson of the EC is an eminent academician nominated by the President of GC (NAAC). The Director is the academic and administrative head of NAAC and is the member-secretary of both the GC and the EC. In addition to the statutory bodies that steer its policies and core staff to support its activities NAAC is advised by the advisory and consultative committees constituted from time to time.

It begins with all the departments of the institute conducting a self-study report which will be about the seven NAAC criteria points of the various departments respectively. Further, this has to include all the activities and processes of the department along with the documents supporting them. The report should have a major emphasis on several points, a few of which are mentioned below.

1. Innovations in various systems like teaching, exams, and evaluation
2. Documentation of daily activities and performance of the faculty members
3. Major emphasis on course and teaching plans as well as program architecture that is prepared annually
4. Implementation of strategies to encourage Outcome-Based Education(OBE), PSO, CO, and PO
5. Proper guidance, coaching, counseling, and mentoring programs are held in college
6. Research activities, projects, publications, and consultancy programs are held in the institute
7. Workshops and conferences held
8. Startups or any entrepreneurial activities by students
9. Teacher's performance along with their professional and personal achievements
10. Placements, internships, offered by the institute
11. Soft skills, life skills, and personal grooming activities
12. Social activities like waste management, gender sensitivity, and others
13. Alumni programs and resource mobilization



NBA AUDIT :

The National Board of Accreditation (NBA) is one of the two major bodies responsible for accreditation of higher education institutions in India, along with the National Assessment and Accreditation Council (NAAC). NBA accredits technical programmes, such engineering and management programmes, while NAAC accredits general colleges and universities. NBA is a full member of the Washington Accord.

NBA Accreditation Process

Having understood the importance, we now look at the process of getting your programs NBA accredited. These are the six steps of the supposedly cumbersome process:

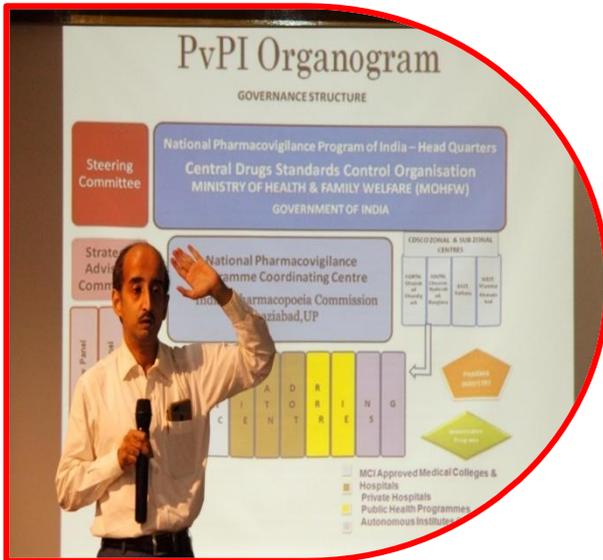
1. Checking readiness for NBA and registering
2. Preparation of Self Assessment Report (SAR)
3. Applying for NBA and submission of SAR
4. NBA team visit and evaluation
5. Submission of evaluation report and recommendation by EAC
6. Accreditation decision by Academic Advisory Committee



Details List of The Seminar Conducted During June 2022 – May 2023**Details List of the Seminar -**

Sl. No.	Name of the workshop/seminar	Number of Participants	Date	Activity Report
01	Seminar on “Pharmaceutical Technology”. SpeakersName: Dr. Shyamal Kumar Ghosh General Manager, EMCEE Pharmaceuticals Pvt. Ltd., Kalyani, West Bengal	211	30.08.2022	<ul style="list-style-type: none"> Overall idea about pharmaceutical manufacturing process. Tablet production process, Coating, evaluation process.
02	Seminar cum Workshop to celebrate “National Pharmacovigilance Day” SpeakersName: 1. Mr. Abhik Saha Jr. Pharmacovigilance Associate, R.G.Kar Medical College, Kolkata 2. Mr. Anindya Banerjee Sr. Pharmacovigilance Associate, N.R.S Medical College, Kolkata	123	16.09.2022	<ul style="list-style-type: none"> Pharmacovigilance and its importance in pharma industry. ADR reporting and clinical trials
03	Seminar and celebration of “Pharmacist Day Celebration” SpeakersName: 1. Shri. Debasish Bhattacharjee Member, Pharmacy Council of India 2. Mrs. Anasuya Mandal Pharmacist, Serampore ESI hospital 3. Mr. Avisek Dutta Deputy General Manager, Cognizant Technology Solutions Pvt. Ltd.	151	23.09.2022	<ul style="list-style-type: none"> Hospital pharmacy as a profession. Pharmacovigilance as a career.
04	Seminar and celebration of “National Pharmacy Week 2022” SpeakersName: 1. Dr. Sanmoy Karmakar HOD, Department of Pharmaceutical Technology Jadavpur University 2. Dr. Debasish Bhattacharjee QA Manager, East India Pharmaceutical Works Ltd., Kolkata	160	25.11.2022	<ul style="list-style-type: none"> Analytical techniques in protein estimation QC, QA and 6 sigma techniques
05	Seminar on “Implementation of Sexual Harrasment of Women at Workplace (Prevention and Redressal) Act 2013 ” Speakersname: Mrs. Rahima Khatun Member of Sexual Harrasment Cell, Social Welfare Department, Howrah, Aliya University Uluberia College, Howrah	110	28.11.2022	<ul style="list-style-type: none"> Implementation of Sexual Harrasment of Women at Workplace (Prevention and Redressal) Act 2013
06	Seminar on “Intellectual Property Rights Awareness Programme” in collaboration with The Patent Office, Kolkata Speakers name: Mr. Arnab Bhattacharya Examiner of Patents & Designs & NIPAM Officer, The Patent Office, Kolkata	81	19.01.2023	<ul style="list-style-type: none"> Role of IPR in Pharma Industry Importance of IPR Discussion on Patents
07	Seminar on “Pharmaceutical-e-Learning” Speakers name: Mr. Suman Kumar Ghosh Founder Director, Mapasu-e-learning, Pharmaguide Services LLP	139	01.02.2023	<ul style="list-style-type: none"> Discussion on Pharmaceutical-e-Learning.
08	Seminar and celebration of “Women’s Day” Speakers Name: Ms. Payel Mukherjee Asst. Manager Human Resources USV Private Limited	120	09.03.2023	<ul style="list-style-type: none"> Celebration of Women’s Day Recognition of women in every perspective
09	Seminar and celebration of “Happiness Day” Speakers name: Shri Braja Kishor Ghosh Ramakrisna Mission Shilpamandira-Belur Math	80	20.03.2023	<ul style="list-style-type: none"> Importance of being happy and celebration of happiness day

SEMINAR





SPORTS & CULTURE EVENTS OVERVIEW

- ✚ Bengal School of Technology celebrates Independence Day, Republic Day, Indian Constitution Day by hoisting the Indian Flag along with cultural programme by the students like group dance, song, recitation and dance dramas. Food packets and Tea are distributed amongst all employees and students present by the college authority.
- ✚ College foundation Day is also celebrated every year by organizing Sit and Draw competition, Quiz competition and Football match. Sweets and Tea are distributed amongst all employees and students present by the college authority.
- ✚ Every year Fresher's welcome (GENESIS), Fest (INFERNO) and Reunion of the Alumni (NOSTALGIA) of Bengal School of Technology are organized. Cultural programme is organized for two days along with band performance, heavy lunch packets are distributed), Fest (INFERNO) and Reunion of the Alumni (NOSTALGIA).
- ✚ Festivals like Saraswati Puja and Viswakarma Puja are celebrated by worshipping idols and organization of the puja by the students and staffs. Also heavy lunch and bhog with decorative pandals are arranged within the college premises.
- ✚ Annual Sports Meet is organized every year for both boys and girls where both indoor and outdoor games are played like carom, badminton, athletics, cricket, football and volleyball matches and so on.

List of Events/Activity Conducted By the Intuition

<i>Sl. No.</i>	<i>Date</i>	<i>Events/Activity</i>	<i>Number of Participants</i>
01	15.08.2022	INDEPENDENCE DAY CELEBRATION	100
02	05.09.2022	TEACHER'S DAY CELEBRATION	180
03	17.09.2022	VISWAKARMA PUJA	330
04	23.09.2022	WORLD PHARMACISTS DAY	151
05	29.09.2022	PRAKSHARADIYA	125
06	17.10.2022	ORIENTATION PROGRAMME (B.PHARM)	100
07	25.11.2022	NATIONAL PHARMACY WEEK CELEBRATION	160
08	30.11.2022	AWARENESS CAMPAIGN ON SEXUAL HARRASSMENT AT WORKPLACE	110
09	16.12.2022	COLLEGE PICNIC OF TEACHING AND NON-TEACHING STAFF	100
10	03.01.2023-05.01.2023	STUDENTS' DAY CELEBRATION	315
11	24.01.2023	FRESHER WELCOME (GENESIS)	300
12	26.01.2023	REPUBLIC DAY CELEBRATION	220
13	26.01.2023	SARASWATI PUJA	220
14	10.02.2023	WASTE DISPOSAL PROGRAMME	50
15	19.02.2023	COLLEGE FEST (INFERNO)	510
16	20.02.2023	COLLEGE FEST (INFERNO)	510
17	01.03.2023-04.03.2023	ANNUAL SPORTS MEET	450
18	09.03.2023	WOMEN'S DAY CELEBRATION	120
19	20.03.2023	HAPPINESS DAY CELEBRATION	80

INDEPENDENCE DAY CELEBRATION



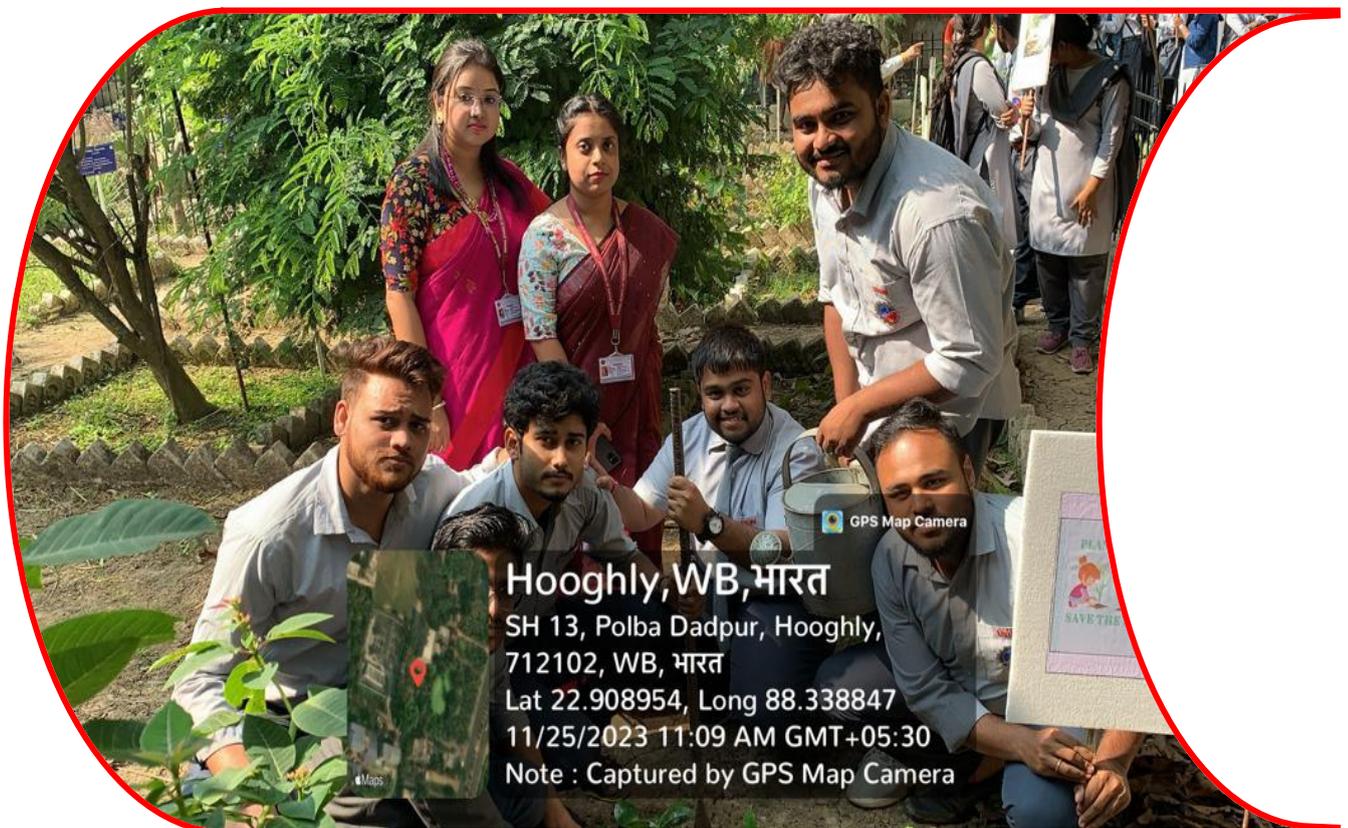
WORLD PHARMACISTS DAY



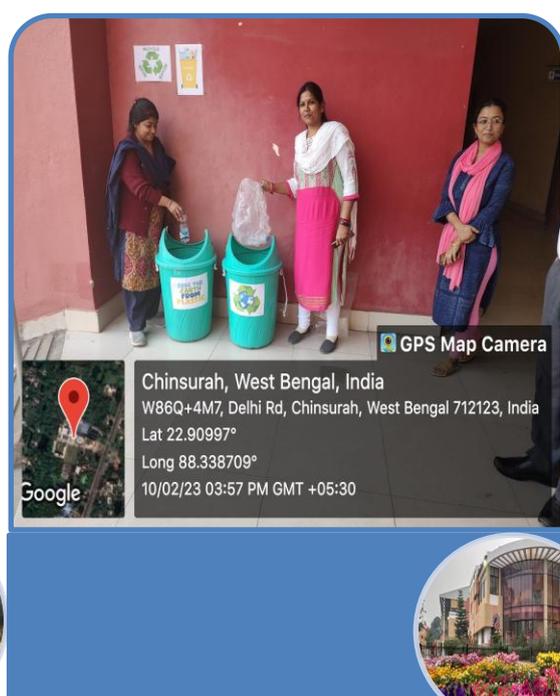
ORIENTATION PROGRAMME



NATIONAL PHARMACY WEEK CELEBRATION



WASTE DISPOSAL PROGRAMME



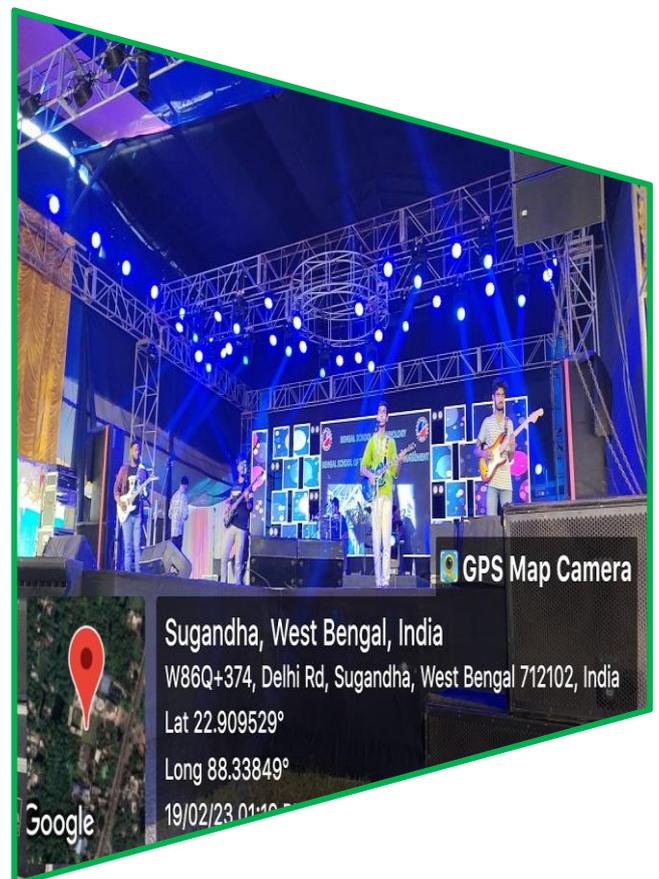
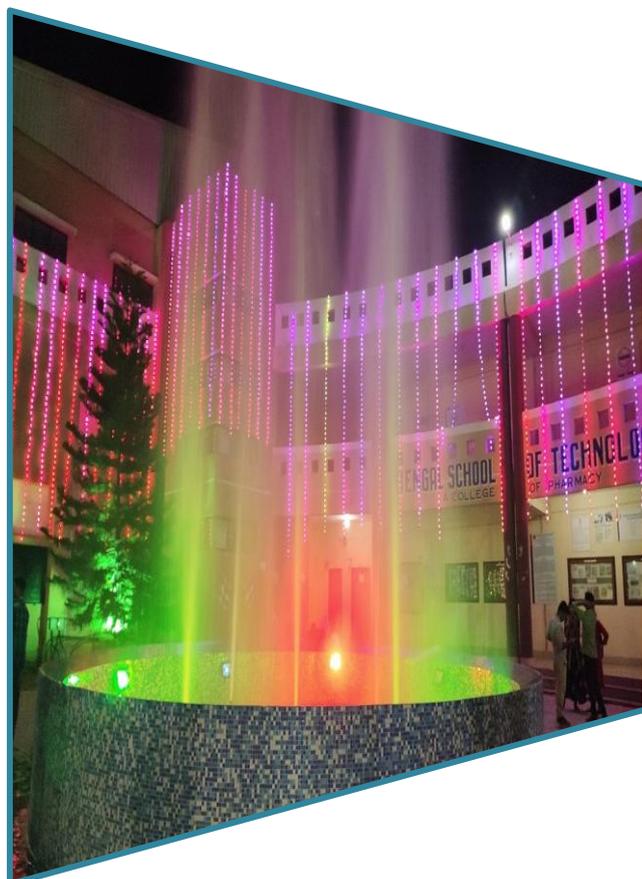
FRESHER WELCOME (GENESIS)



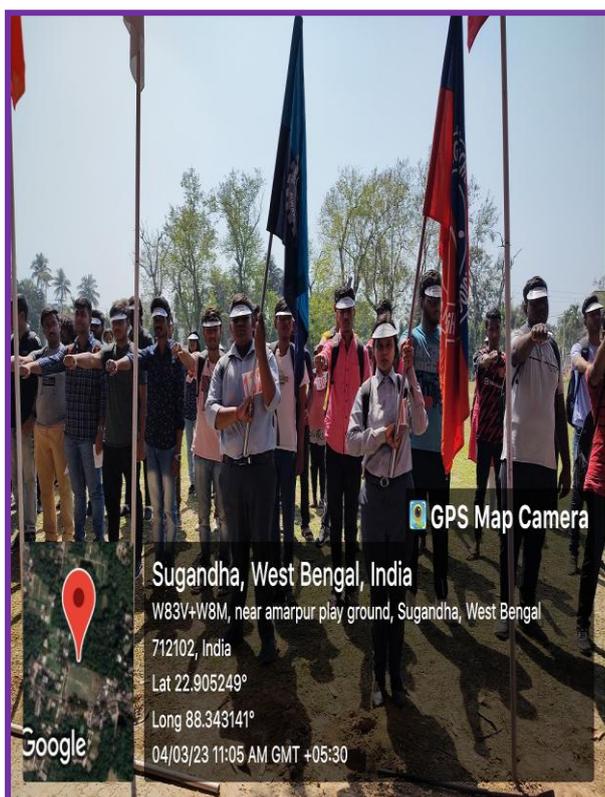
SARASWATI PUJA



COLLEGE FEST (INFERNO)



ANNUAL SPORTS MEET



NSS ACTIVITY REPORT

1. Organic farming visit:

The Bengal School of Technology (A College of Pharmacy) collaboration with East Hooghly Construction Pvt. Ltd have been arranged an organic farming visit program in their nearby area, on 22/12/2023, under guidance of NSS unit and faculties. The event was graced in presence of faculties with varying levels of experience and expertise in their domains.

The faculties and students present during the program.

- Dr. Paramita Dey, Professor, Bengal School of Technology
- Mrs. Saumya Dash, Assistant Professor, Bengal School of Technology
- Mrs. Sangita Banerjee, Assistant Professor, Bengal School of Technology
- Miss. Riya Sarkar, Assistant Professor, Bengal School of Technology
- 26 students of NSS unit,



- As a part of this organic farming visit Dr. Paramita Dey, Professor, Bengal School of Technology delivered some common idea about the organics farming visit and organic fertilizers which are very useful for reducing pollution.
- As a part of the celebrations of organic farming visit Mrs. Sangita Banerjee, Assistant Professor, Bengal School of Technology focused some information about organic farming advantages and reasons, maintaining environmental health by reducing the level of pollution. decreasing human and animal health hazards by reducing the level of residues in the product. It helps in the cost of agricultural production at a sustainable level.
- As a part of the organic farming visit farmer giving some information about manure and vegetables which are cultivated in cycle wise.
- The program ended at 3pm. after giving some conclusion of organic farming. Giving thanks to all students and faculties those are present in this organic farming visit program.

2. Health checkup Camp:

As a part of Health Check-up Camp at Bengal School of Technology on 03/01/23 Dr. Paramita Dey, Professor delivered some common idea about the Health Check-up and different kinds of health checkup related importance. Different types of health checkup have done on this day.

Hemoglobin test, body weight measurement, Height measurement, Blood pressure measurement and many important health checkups have done on that day. Other teaching and non-teaching staff have done many activities of health checkup camp on that day. Students have performed many health checkup related experiment and analysis of others.



3. Blanket Distribution Program organized by Bengal School of Technology:

The NSS Unit of Bengal School of Technology was organized a Blanket distribution program in the college premises for the village people, on 22/12/2022.

Many people's were gathered in this program and it had successfully covered this program with the help of our honourable director sir and managing trusty with the other members of NSS unit.



4. Swachh Bharat by NSS unit of Bengal School of Technology

Swachh Bharat Abhijan is a Nobel work for social awareness achieved by clean India. Sanitation is more important than independence.” these were the words which were the inspiration for the prime minister of our great nation when pm Modi declared the Swachh Bharat Abhiyan.

This Nobel work we had conducted on 27/04/2023 in the outside of college premises and nearby with the help of students in this college.



5. Tree plantation & distribution of saplings in college premises organized by NSS unit of Bengal School of Technology :

The students of Bengal School of Technology (A College of Pharmacy) have been arranged a tree plantation and distribution program in their home premises and nearby area, on 28/11/2022, under guidance of NSS unit.

The students also made it an awareness program by providing knowledge about the importance of plantation and trees. Total 40 students were involved this tree plantation program.



6. Medicinal Garden Maintenance:

Medicinal garden maintenance program was held on 22/03/2023. It is routine based process which is maintained by the student's members of NSS unit of Bengal School of Technology (No. of participants 15).



7. Tree plantation & distribution of saplings in home premises and nearby area organized by NSS unit of Bengal School of Technology :

The students of Bengal School of Technology (A College of Pharmacy) have been arranged a tree plantation and distribution program in the college premises and nearby area, on 06/05/2023, under guidance of NSS unit, The students also made it an awareness program by providing knowledge about the importance of plantation and trees. Total 20 students were involved this tree plantation program.



DETAILS OF B.PHARM PROJECT; ACDEMIC YEAR - 2022-2023

Sl. No.	Name of the student	Roll No.	Registration No.	Topic	Guide Name
1	Prithis Das	19301919001	11845	Therapeutic proteins	Mr. Shaibal chandra
2	Sanju Pal	19301919002	11710	Tablet defects	Utpal misra
3	Debasmita Ghosh	19301919003	11437	Formulation and evaluation of microemulsion based gel of fluconazole	Soumyadip ghosh
4	Soumyojit Dey	19301919004	31387	Gastro retentive drug delivery system	Bommana sweety dhar
5	Sk Asmaul Ali	19301919005	31477	A comprehensive review on the pharmacological activities of water hyacinth	Sarbani biswas das
6	Sumon Maity	19301919006	31436	An overview on chemical, pharmacological and clinical evaluation of finerenone	Mr. Kausik bhar
7	Susmita Paul	19301919007	30750	Drugs acting on kidney	Mrs. Sudipta roy
8	Suman Kumar Ghosh	19301919008	30648	Anti hypertensive plant	Mr. Atanu chaterjee
9	Mehzabeen Fariha	19301919009	30608	A review project on microvesicular drug delivery system	Mr. SOUGATA MALLICK
10	Sohana Afroz	19301919010	30531	Introduction ,interpretition and application of nmr spectroscopy	Mr. Biswanath ghosh
11	Paulami Ghorui	19301919011	30402	Review on molecular imprinting technology	Dr. PARAMITA DEY
12	Ranit Mondal	19301919012	30369	Water system in pharmaceutical industry	Mr.utpal misra
13	Mirza Suhel Haque	19301919013	30394	AN AUTHENTIC REVIEW ON Ocimum gratissimum	Mr . GOURANGA SUNDAR ROY
14	Bikram Kumar Singh	19301919014	30305	Good laboratory practice	Utpal misra
15	Biswamangal Jana	19301919015	30264	Exploring the anti-microbial properties of acacia auriculiformis leaf extracts: a promising natural alternative for fighting microbial infections.	Mrs. Sangita banerjee
16	Tanmoy Kumar Dey	19301919016	26869	Marketing survey on transdermal patches	Dr. Sudip kumar kar
17	Sudip Bera	19301919017	2686	Antidiabetic properties of cinnamon	Sangita banerjee
18	Fardin Chowdhury	19301919018	26813	An overview on chemical, pharmacological and toxicological evaluation of daridorexant	Mr. Kausik bhar
19	Soaib Ahmed	19301919019	26831	Ich stability testing guidelines for drug products	Dr. Paramita dey
20	Sayan Sarkhel	19301919020	26789	Quality systems implementation in the pharmaceutical industry	Dr. PARAMITA DEY
21	Shibanjan Ghosh	19301919021	026763	A Systemic Review On Ocimum Tenuiflorum	Mr. Gouranga sundar roy
22	Monorama Lo	19301919022	26723	Invitro dissolution and comparative evaluation of branded and generic paracetamol tablets	soumyadip ghosh
23	Indranath Santra	19301919023	26646	Dpp 4 inhibitor in diabetes	Sasmita dash
24	Saurav Narayan Mitra	19301919024	26660	Current trends and future perspectives of natural polymer-loaded nanoparticle-based drug delivery system for the management of inflammatory bowel disease.	Soumyadip ghosh
25	Pitam Maity	19301919025	26587	Market survey on popular antihypertensive drugs	Sangita banerjee
26	Sayan Samanta	19301919026	26607	Diabetes a brief overview	Mrs.sasmita dash
27	Soumadwip Das	19301919027	O26542	Quality assessment and experimental comparison between two different brands of mustard oil	Mrs.SAUMYA DAS
28	Aniruddha Sarkar	19301919028	26144	A brief review on mrgprx2 receptor and its adverse drug reaction.	Mrs.sasmita dash.
29	Soumyadeep Mondal	19301919029	25885	Anti pyretic and anti inflammatory effect of nishinda leaf	Mrs. SANGITA BANERJEE

30	Shirshendu Debnath	19301919030	25592	Overview On Overian Cancer	Mrs. Sasmita Dash
31	Arijit Manna	19301919031	25705	Clinical Complications Associated With Type -2 Diabetes Mellitus	Mrs. Rituparna Das
32	Swarnava Mukhopadhyay	19301919032	25675	A Review On Survivin Inhibitors As A Novel Approaches In Cancer Therapeutics	Mr. Shaibal Chandra
33	Sagnik Biswas	19301919033	25609	Quality Assessment And Experimental Comparison Between Two Different Brands Of Mustard Oil	Saumya Das
34	Sabuj Maity	19301919034	25589	Biofilms : Beneficial And Non-Beneficial Effects And Its Prevention Strategies	Mr. Shaibal Chandra
35	Shreya Das	19301919035	24238	Quality Assessment And Experimental Comparison Between Two Different Brands Of Oil	Mrs. Saumya Das
36	Kallol Pal	19301919036	24130	An Overview On Chemical, Pharmacological And Clinical Evaluationon Tivozanib	Mr. Kausik Bhar
37	Shiladitya Hazra	19301919037	24065	"Effect Of Solvent On Wavelength By Uv - Visible Spectroscopy	Mr. Biswanath Ghosh
38	Arindam Dutta	19301919038	24025	Current Approaches Of Natural Polymers In Pharmaceutical Formulations.	Mr. Siddheswar Maity
39	Sougrik Prasanna Sarkar	19301919039	23671	PHARMACEUTICAL NANOPARTICLE IN DRUG DELIVERY	MISS. ARUNIMA NAG
40	Prince Maji	19301919040	23865	A Review On Liposomes	Dr. Dharmajit Pattanayak
41	Mainak Manna	19301919042	23701	An Overview On Chemical, Pharmacological And Clinical Evaluation Of Etoricoxib	Kausik Bhar
42	Rajkumar Chall	19301919043	23551	A Review On Role Of Nutraceutical In Health Care	Dr. Dharmajit Pattanayak
43	Krishnashis Mukherjee	19301919044	23562	Extraction,Characterization Of Curcumin From Curcuma Longa By Various Analytical Methods	Trisha Chatterjee
44	Susmita Mula	19301919045	23554	Synthesis And Applications Of Gold Nanoparticles	Dr. Anandamoy Rudra
45	Aniket Hajra	19301919046	23348	A Brief Review On Self-Microemulsifying Drug Delivery System (Smedds)	Mrs.Dishari Dutta
46	Anirudha Dey	19301919047	15658	Targeted Drug Delivery System For Breast Cancer	Mrs.Rituparna Das
47	Dipanwita Das	19301919048	23333	Carbon Nanoparticles	Dr.Anandamoy Rudra
48	Bishal Bera	19301919049	23329	Ocimum Basilicum	Mr. Gouranga Sundar Roy
49	Sourav Bisai	19301919050	23037	Buccal Mucoadhesive Drug Delivery System	Dr. Dharmajit Pattanayak
50	Ritu Dey	19301919051	23253	A Review Of Breast Cancer	Dr.Nihar Ranjan Pal
51	Sonali Sarkar	19301919052	23238	A Review Project On Marketing Survey Of Cetirizine	Miss. Anisha Chakrabarty
52	Pranoy Sarkar	19301919053	23247	A Review On Stimuli Responsive Liposomal Drug Delivery System In Cancer Treatment	Toumika Ghosh
53	Soumik Bhunia	19301919054	23241	Plant Based Covid -19 Treatment	Ms. Riya Sarkar
54	Sayan Saha	19301919055	23211	Unrevealing The Complexities Of Blood Cancer: A Comprehensive Scientific Review	Dr. Nihar Ranjan Pal
55	Samagam Saha	19301919056	23023	A Concise Review On Ocimum Sanctum	Gouranga Sundar Roy
56	Priya Ghosh	19301919057	23171	A Review Project On Self Microemulsifying Drug Delivery System	Miss. Anisha Chakrabarty
57	Ayush Roy	19301919058	15579	Effects Of Neurotransmitters On Cns & Brain For Tau Protein Releted Neurodegenerative Disorders	Shaibal Chandra
58	Debajyoti Biswas	19301919059	23142	A Comprehensive Review On Calotropis Gigantea Plant	Sarbani Biswas Das
59	Pritam Das	19301919060	23059	Anabolic Steroids: An Overview	Mrs. Trisha Chatterjee
60	Sourajit Bhattacharjee	19301919061	23080	A Writing On Hplc And Assay Of Paracetamol	Mr. Biswanath Ghosh

61	Anirban Mandal	19301919062	23003	An Overview Of Transdermal Patch.	Dishari Dutta
62	Sayak Biswas	19301919073	1849	Role Of Transgenic Animals In Experimental Pharmacology: A Review With Alzheimer's Disease.	Angshuman Lahiri
63	Sayan Dutta	19301919074	1294	Clinical Research On Breast Cancer	Mr. Sougata Mallick
64	Arjun Talukdar	19301919075	1169	Compatibility Of Polymers Used In Ulcers In Gastrointestinal Tract	Mrs. Rituparna Das
65	Akash Halder	19301919076	875	Miniature Review On Implantable Drug Delivery System - A Nobel Approach	Dr. Raja Majumder
66	Poilami Ghosh	19301919077	733	A Review On Tirzepatide Effect Dual GIP And GLP1 Receptors Improve Pancreas Beta Cell	Mr. Shaibal Chandra
67	Anuska Ghosh	19301919078	644	Chemical Constituents And Pharmacological Properties Of Edible Mushrooms Of West Bengal --- A Review.	Dr. Sudip Kumar Kar
68	Shreya Ghosh	19301919079	523	Unravelling The Complexities Of Colorectal Cancer: A Comprehensive Scientific Review	Dr. Nihar Ranjan Pal
69	Souvik De	19301919080	35280	Recent Drug Development On Dual-Targeted Medication For Obesity And Diabetes	Asst. Prof. Mr. Siddheswar Maiti
70	Sayantika Kundu	19301919081	14443	A Review On Biomarkers Of Ferroptosis Associated With Neonatal Brain Injury	Mr. Shaibal Chandra
71	Mili Ghosh	19301919082	14311	Comparison And Interpretation Of Drugs (Drotaverine And Nadifloxacin) By FTIR Against Standard	Mr. Biswanath Ghosh
72	Saranik Sengupta	19301919083	14192	Synthesis Of Benzimidazole And Its Analytical Profile	Mr. Dipra Dastider
73	Dishani Sil	19301919084	14040	A Review On A Novel Antihypertensive Drug Aliskiren Effective On CHF	Mr. Shaibal Chandra
74	Swastika Rana	19301919085	13955	Formulation And Evaluation Of Self-Microemulsifying Drug Delivery System Of Ibuprofen	Miss Anisha Chakrabarty
75	Mustafi Halder	19301919086	13674	A Review On Oxandrolone: An Emerging Performance Enhancing Anabolic Androgenic Steroid	Dr. Angshuman Lahiri
76	Nibodhata Das Dey	19301919087	13532	A Comprehensive Review Of Drug Induced Neurotoxicity And Its Management	Dr. Raja Majumder
77	Mrinmoy Paul	19301919088	13424	New Digital Approaches In Hypertension Management	Toumika Ghosh
78	Kamalika Hazra	19301919089	13297	Covid 19 Vaccines Approved In India	Ms. Anisha Chakrabarty
79	Bibek Das	19301919090	13230	Review On Antifertility And Allelopathic Effect Of Jatropha Curcas	Dr. Angshuman Lahiri
80	Piyas Bose	19301919091	13115	A Review On The Role Of BRCA Gene On Breast Cancer	Mr. Sougata Mallick
81	Ayan Ghosh	19301919092	12732	New Plant Materials Used As Anti-Cancer Agent	Mr. Atanu Chatterjee
82	Anubrata Lahiri	19301919093	12710	Air Handling Unit In Pharmaceutical Industry	Mr. Utpal Misra
83	Atanu Kumar Mondal	19301919094	12656	Potential Of Tannins In Oral Infections Disease	Miss Riya Sarkar
84	Sanmitra Saha	19301919095	12610	A Comprehensive Review On Solid Lipid Nanoparticles	Mrs. Dishari Dutta
85	Bhaskar Mukherjee	19301919096	12547	Current Approaches Of Biodegradable Packaging In Pharmaceutical Industries	Mr. Siddheshwar Maiti
86	Sudipto Neogi	19301919097	12474	Comprehensive Review On Avicennia Marina Plant	Sarbani Biswas Das
87	Anirban Das	19301919098	12394	Market Survey Of Monoclonal Antibodies	Dr. Sudip Kumar Kar
88	Archita Sadhukhan	19301919099	12382	Magnetic Nanoparticles	Dr. Anandamoy Rudra
89	Chandrachur Banerjee	19301919100	12276	Stealth Liposome: A Novel Trend In Targeted Drug Delivery System	Arunima Nag
90	Asif Iqbal Mondal	19301919101	12254	Review On Pharmacological Activities Of Calotropis Gigantea	Siddheshwar Maiti

91	Soumyadeep Samanta	19301919102	12065	Trends In The Design And Discovery Of Antibiotic Using Natural Products	Riya Sarkar
92	Hritam Pramanik	19301919103	11991	Medicinal Plants Showing Anti-Diabetic Properties	Mr. Atanu Chatterjee
93	Mridul Bhandari	19301920107	201930201920000	Anti Skin Cancer Properties Of Plant Materials	Mr. Atanu Chatterjee
94	Sanchita Maji	19301920109	201930201920007	Brief Overview On Rheumatoid Arthritis	Mrs. Sudipta Roy
95	Aritri Das	19301920110	201930201920006	Role Of Histamine In Neuroinflammation	Dr. Angshuman Lahiri
96	Gouri Koley	19301920111	201930201920005	An Overview Of Parkinsons Disease	Mrs Sudipta Roy
97	Ikbal Hossain	19301920112	201930000000000	Formulation And Characterization Of Microemulsion Based Gel Preparation Of Diclofenac Sodium	Soumyadip Ghosh
98	Aniruddha Chatterjee	19301920113	201930000000000	Synthesis, Characterization & Screening Of Newer Coumarin Derivative Containing Benzimidazole Moiety For Antimicrobial Property	Mr. Dipra Dastider
99	Monojit Das	19301920114	201930000000000	Camera Pill	Mrs. Sweety Bommana Dhar
100	Susmita Ghosh	19301920115	201930000000000	A Comprehensive Review Upon Transdermal Drug Delivery System Followed By Techniques To Enhance Permeability And Bioavailability.	Dr. Raja Majumder.

DETAILS OF M.PHARM PROJECT; ACDEMIC YEAR - 2022-2023**Pharmaceutics**

Sl. No.	Name of the student	Roll No.	Registration No.	Topic	Guide Name
1	Srirupa Banerjee	19320321001	211932320310013	Formulation And Evaluation Of Febuxostat 80 Mg Sustained Release Tablets For The Treatment Of Gout	Dr. Dharmajit Pattanayak Mr. Basudeb Das
2	Abu Shoeb	19320321002	211932320310014	Development And Formulation Of Aloevera Tooth Gel	Dr. Anandamoy Rudra
3	Kushal Choudhuri Roy	19320321003	211932320310002	Analytical Method Development & Validation For Acetic Acid Content In Dabigatran Etexilate Mesylate By High Performance Liquid Chromatography	Dr. Paramita Dey Mr. Sanjeev Shandilya
4	Arnab Ghosh	19320321004	211932320310003	Method Validation Of An Testosterone Derivative And Preparation Of Oral Thin Films	Dr. Jayanta Chattopadhyay
5	Aritra Ghosal	19320321005	211932320310004	Formulation Development Of Curcumin Solid Dispersion Using Pvp K-90 As A Carrier For Enhanced Solubility And Improved Bioavailability.	Mrs.Saumya Das
6	Rajdip Goswami	19320321006	211932320310005	Formulation Design And Characterization Of Fast Dissolving Tablets Of Glipizide Cocrystals Using Doe Software For Enhanced Bioavailability.	Dr. Dharmajit Pattanayak
7	Shamit Debnath	19320321007	211932320310007	Formulation And Characterization Of A Bilayer Press Coated Tablet Comprising Carvedilol To Achive Time-Control Drug Delivery (Pulsatile) System	Dr. Raja Majumder
8	Saikat Santra	19320321008	211932320310008	Preparation And Evaluation Of Oral Thin Film Of Methyl Testatrone By Using Solvent Casting Method	Dr. Jayanta Chattopadhyay
9	Rupan Das	19320321010	211932320310010	Analytical Method Development And Validation Of Oxalic Acid And Acetic Acid Content In Moxonidine	Dr. Paramita Dey Mr. Sanjeev Shandilya
10	Anindya Pal	19320321011	211932320310011	Design And Development Of Emulgel Of Ibuprofen	Mrs. Dishari Dutta
11	Snehashis Manna	19320321012	211932320310001	Formulation & Evaluation Of Herbal Acne Gel	Mrs.Saumya Das
12	Ankita Pramanik	19320321013	211932320310006	Oral Thin Film Of Estriol Drug	Dr. Jayanta Chattopadhyay
13	Moulindu Mondal	19320321014	211932320310012	Pulsatile Drug Delivery Of Chlorthalidone To Overcome The Circadian Or Chronobiological Disorder	Dr Raja Majumder

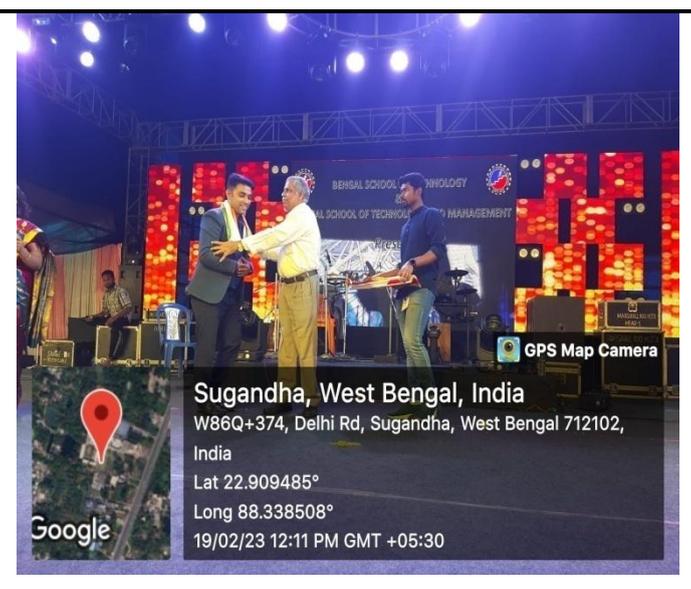
Pharmacology

Sl. No.	Name of the student	Roll No.	RegistrationNo.	Topic	Guide Name
1	Mir Yasin Ali	19320221001	211932320210010	Preparation Of Oleic Acid Based Chrysin Emulgel To Ameliorate Wound Healing Property Of Diabetic Rats	Mr.Sougata Mallick
2	Kaushik Bhadra	19320221002	211932320210011	Evaluation Of Acute Toxicity Study And Anti-Anxiety Effect Of Alcoholic Leaves Extract Of Mikania Micrantha On Stress Induced Anxiety Models In Swiss Albino Mice.	Dr. Nihar Ranjan Pal
3	Sayan Ghosh	19320221003	211932320210007	Evaluation Of The Effect Of Ocimum Tenuiflorum In Ethanol Induced Ulcer Model In Wistar Albino Rats.	Mrs. Sudipta Roy
4	Supriti Talit	19320221005	211932320210001	Evaluation Of Antitumour Activity Of Pluronic Loaded Chrysin Niosome In Breast Cancer Model Of Rat	Mrs.Rituparna Das
5	Rajesh Deys	19320221006	211932320210002	Evaluation Of Anti-Ulcer Activity Of Mother Tincture Of Conium Maculatum L.	Dr. Samir Kumar Samanta
6	Kuntal Paul	19320221007	211932320210003	Evaluation Of Anti-Diabetic And Nephroprotective Activity Of Niosomal Formulation Of Bioflavonoid Against Stz Challenged Diabetes Mellitus In Rat Model.	Mrs. Rituparna Das
7	Archita Pal	19320221008	211932320210004	To Investigate The Anticancer Properties Of Epigallocatechin-3-Gallate In Female Breast Cancer Rat Model	Mr.Sougata Mallick
8	Mainak Dutta	19320221009	211932320210005	Study On Gastroprotective Effect Of Hygrophila Difformis Leaves	Prof. (Dr.) Samir Kumar Samanta
9	Farhana Khatun	19320221010	211932320210006	Evaluation Of Acute And Sub-Acute Toxicity Study Of Mikania Micrantha Leaves Alcoholic Extract.	Dr. Nihar Ranjan Pal
10	Sohel Mondal	19320221011	211932320210009	Neuropharmacological Studies On Hygrophila Difformis Leaves	Prof.(Dr.) Samir Kumar Samanta
11	Swarup Sen	19320221012	211932320210012	Evaluation Of Anti-Atherosclerotic Effect Of Curcuma Caesia On Hypercholesterolemia In Wistar Albino Rat	Mrs. Sudipta Roy

ACADEMIC AWARDS & GPAT QUALIFIED STUDENTS –

List of GPAT Qualified Students –

Sl. No.	NAME	RANK
01	Satadeep Bandyopadhyay	629
02	Md Shahid M. Molla	878
03	Sumit Ghosh	3238
04	Saradindu Bank	3343
05	Md Ahesan Ansari	4954
06	Aditi Bala	5501
07	Pratima Das	8724
08	Satarupa Biswas	11721



List of committee members BST

Sl.No.	Activity	Name
1	Accreditation	Dr. Paramita Dey, Mr. Kh. Hassan Reza
2	Admissions	Dr. Paramita Dey, Mr. Atanu Chatterjee, Dr. Samir Kumar Samanta, Mrs Saumya Das
3	Affiliation & Approval	Mrs. Saumya Das
4	Alumni Association	Dr. Paramita Dey, Mr. Ayon Dutta
5	Anti-ragging committee & squad	Dr. Paramita Dey, Mr. Atanu Chatterjee, Mr. Kh. Hussan Reza
6	Campus discipline	Mr. Kh. Hussan Reza, Mr. Biswanath Ghosh
7	Canteen	Dr. Paramita Dey, Mr. Atanu Chatterjee, Mr. K. Hassan Reza, Mrs Sudipta Roy
8	Course file	Dr. Dharmajit Pattanayak
9	CPCSEA- IAEC/ Animal House	Mrs. Sudipta Roy, Mr. Sougata Mallick
10	Cultural committee	Dr. Paramita Dey, Mr. Biswanath Ghosh, Mr. Atanu Chatterjee, Dr. Raja Majumder, Mr. Sougata Mallick, Ms. Dishari Dutta, Ms. Sudipta Roy, Mr. Ayon Dutta
11	EDC	Dr. Paramita Dey, Dr. Jayanta Chattopadhyay, Miss Dishari Dutta, Mr. Shaibal Chandra
12	Examination Cell	Dr. Dharamjit Pattanayak (OIC), Dr. Sudip Kumar Kar
13	First aid & Medical facility	Ms. Rituparna Das, Mrs. Sarbani Biswas Das,
14	Guest lecture/ Seminar/ Conference	Dr. Paramita Dey, Mrs. Sudipta Roy, Miss Riya Sarkar
15	Herbal Garden and Museum	Mr. Gouranga Sundar Roy, Mr. Partha Pratim Das, Mr. Siddheswar Maiti
16	Industry-Institute-interaction/ Industrial consultancy	Dr. Jayanta Chattopadhyay, Dr. Biswajit Basu, Mrs. Sudipta Roy
17	IQAC Coordinator	Dr. Paramita Dey

Sl.No.	Activity	Name
18	Library	Dr. Biswajit Basu, Mrs Saumya Das, Mrs Dishari Dutta, Mr. Ayon Dutta
19	Magazine/ News letter/ Wall Magazine	Mr. Atanu Chatterjee, Mr. Abhijit Sarkar, Dr. Sudip Kumar Kar, Dr. Paramita Day, Mr Sougata Mallick, Mr. ParthaPratim Das
20	Mentor Mentee Monitoring	Dr. Sudip Kumar Kar
21	NSS	Mr. Ayon Dutta
22	Program Committee	Dr. Biswajit Basu
23	Professional activity	Mrs. Saumya Das
24	Purchase Committee	Mr Biswanath Ghosh, Dr. SudipKr.Kar, Mr. Kh. Hussan Reza, Ms Disari Dutta, Mrs Saumya Das, Mr. Utpal Misra
25	R & D	Dr. Jayanta Chattopadhyay, Dr. Samir Kumar Samanta, Dr. Paramita Dey, Dr. Biswajit Basu, Dr. Sudip Kumar Kar, Dr. Raja Majumder
26	Grievance redressal	Dr. Sudip Kumar Kar
27	Training & Placement	Dr. Biswajit Basu, Mr. Biswanath Ghosh, Mrs. Saumya Das
28	UBA/ Out reach activity	Dr. Paramita Dey, Mr. Kh. Hussan Reza, Mr. Kausik Bhar, Miss Anisha Chakrabarty
29	Website Committee/ Publicity Committee	Mrs. Saumya Das, Mr. Kh. Hussan Reza
30	Women's Grievance Cell	Mrs. Saumya Das, Ms. Sudipta Roy, Ms. Dishari Dutta, Mrs. Sasmita Dash
31	Women's Sexual Harassment Cell	Mrs. Saumya Das, Mrs. Sudipta Roy, Mrs. Dishari Dutta, Miss Trisha Chatterjee, Mrs. Rituparna Das
32	Women's Development Cell	Mrs. Saumya Das, Mrs. Sudipta Roy, Mrs. Dishari Dutta, Mrs. Sangita Panja, Miss Joyeeta Maiti

LIBRARY

The library is the main learning resource center and provides services and facilitates to meet the requirements to study, teaching, training, research and consultancy programmes. It is the ocean of knowledge and acts as a backbone for nurturing the young minds and the institution has the most rich resource center of creativity. The library offers access to a wide range of both printed and electronic sources of information, particularly, the current affairs related to global economy and technological inventions to the students as well as the faculty member. It is the nerve center of all the intellectual and academic activities of the institute. The institute has a well stocked library with latest books, periodicals, journals, CDs covering all aspects of Pharmaceutical Technology and resourced with a wide collection of volumes on each subject. The research section is rich and provides access to wide range of database used in project works and assignments. The library collection is constantly revised and upgraded with latest editions and new inclusions. Students can also avail reprographic services, computer printing, and scholarship application assistance from the library.

The library is computerized and every student can access books from internet and has ergonomically designed sitting arrangements, which provides the students with perfect ambience of learning. Easy access to the internet in the library helps the students doing in-depth study. The library is digitalized and upgraded by LIBSYS making library working and transaction easier and smoother.



ALUMNI :

**Gurpreet Singh**

Taking about my college life, I had enjoyed my college life to the fullest and had some of the best memories. One of the best things about college life is that you get a new experience every day. In my college life, along with studying, I and my friends enjoyed a lot of other things during these college days of my life. The canteen is supposed to be where most of the students satisfy their hunger and hang out with their friends. Another thing I loved about my college life is Annual Fests. These fests allows students to socialize with new people and showcase their talent to everyone which builds their confidence and helps them in their future.

**Tushar Kanti Mondal**

Team leader in Corporate Validation Group, Viatris

The direction in which education starts a man will determine his future life. My college BST gives me that education to direct my professional career in the field of pharmaceutical process research & development. It was a matter of great pleasure and distinct honour to be a part of BST. I am really happy to learn that in last 15 years a new pharmacy college started with 60 students has grown up into a full fledged leading pharmacy college in West Bengal and imparted education to thousands of students from India.

**Subhasis Roy**

Managing partner of Ambrosia Drugs and Pharmaceuticals & Director of Cordial Bio Care Pvt.Ltd.

It's been almost 12 years I completed my studies in Pharmacy from our college Bengal School of Technology. This institution played a very vital role in grooming my professional career. Our teachers always provided me with suitable skills required for today's competitive work environment be it skill of pharma techniques or soft skills. My four years in college is really full of good memories. Many friendships developed there & to be very frank few of them are now so close to my heart. I really miss my college days. Those years of Bengal School of Technology are treasure trove of my life.

**Suragna Darjee**

Hospital Pharmacist, Ashok Nursing Home and Healthcare

It brings me immense joy and pleasure to be known as an Alumni of Bengal School of Technology (BST). I would like to thank BST for all the support and encouragement that I have received from everyone. Not only in education but also in other co-curricular activities, BST was always there cheering at the back. It was at BST only where I scored a chance and got placed at Nestle via campus placement. Being a Pharmacist, I feel very proud that I got an opportunity of being a frontline warrior, as currently I am working as a Hospital Pharmacist at Ashok Nursing Home and Healthcare.

**Sundar Dutta**

Sun pharma (Atan Therapeutics)

College days taught me a lot. As a student, I was sometimes scolded by teachers but now I realized that those words were blessings for me. My respect for those Teachers will last for lifetime. Pharmacy is a field where studies are mostly based on practicals, The more you know the skills, the better you will be able to learn. In that aspect, our BST has full fledged lab ab equipments. Our honourable faculty and modern labs are very advanced. I want our college to take this goodwill forward to the future.

**Payel Das**

Cipla

I would like to thank my college and my teachers for giving me this opportunity to share my experiences about my college days. The best memories of our life can never be captured in pictures, they are always captured by heart and my college days are one of them. College days are beautiful period of learning and enjoyment and they have an everlasting impact on human memory. Apart from study The teachers of our college had taught me how to be a good & confident person. Whatever I'm doing in my professional life nowadays the credit must be goes to my four wonderful years of my college life.

**Amlan Ukil**

Cipla

The four years of college life for me in Bengal School of Technology was a perfect blend of joy and hardships. I met a lot of different individuals learnt about their cultures and grew as a person. It was the first place which taught me about professionalism and briefed me about the competitive world outside the college premises. I shall always be grateful to my teachers who helped me in coping up with my academics and career planning for my future pharmaceutical sector. Well my advice to my juniors would be "step ahead of the cliché syllabus books and the same old system, learn new skills, get in touch with new technological advancements

LIST OF LABORATORIES**Pharmaceutics**

Sl. No.	Name of the Laboratory	Room No.	Batch Size	Availability of Manuals	Quality of Instruments	Safety Measures	Area (sq. meter)
1	Pharmaceutics	114	30	Present	Satisfied	Present	74.30
2	Pharmaceutical Microbiology	123	30	Present	Satisfied	Present	91.57
3	Pharmaceutics	124	30	Present	Satisfied	Present	88.56
4	Pharmaceutics	125	30	Present	Satisfied	Present	90.57
5	Pharmaceutics R&D	212	30	Present	Satisfied	Present	74.09
6	Pharmaceutics	213	30	Present	Satisfied	Present	74.41

Pharmaceutical Chemistry

Sl. No.	Name of the Laboratory	Room No.	Batch Size	Availability of Manuals	Quality of Instruments	Safety Measures	Area (sq. meter)
1	Pharmaceutical Chemistry	012	30	Present	Satisfied	Present	88.06
2	Pharmaceutical Chemistry	023	30	Present	Satisfied	Present	86.28
3	Pharmaceutical Chemistry	024	30	Present	Satisfied	Present	89.25
4	Pharmaceutical Chemistry	115	30	Present	Satisfied	Present	74.49

Pharmacology

Sl. No.	Name of the Laboratory	Room No.	Batch Size	Availability of Manuals	Quality of Instruments	Safety Measures	Area (sq. meter)
1	Pharmacology R&D	013	30	Present	Satisfied	Present	75.23
2	Pharmacology	014	30	Present	Satisfied	Present	75.23
3	Pharmacology	112	30	Present	Satisfied	Present	88.56
4	Pharmacology	113	30	Present	Satisfied	Present	90.04
5	Pharmacology	122	30	Present	Satisfied	Present	88.20

Pharmacognosy

Sl. No.	Name of the Laboratory	Room No.	Batch Size	Availability of Manuals	Quality of Instruments	Safety Measures	Area (sq. meter)
1	Pharmacognosy	117	30	Present	Satisfied	Present	74.49
2	Pharmacognosy	119	30	Present	Satisfied	Present	70.67

Pharmacy Practice

Sl. No.	Name of the Laboratory	Room No.	Batch Size	Availability of Manuals	Quality of Instruments	Safety Measures	Area (sq. meter)
1	Pharmacy Practice	011	30	Present	Satisfied	Present	86.28

• Total Area of all the laboratories : 1480.28 Sq. Meter.

Central Facilities (Common Lab.)

Sl. No.	Name of the Laboratory	Room No.	Batch Size	Quality of Instruments	Safety Measures	Area (sq. meter)
1	Machine Room	002	30	Satisfied	Present	92.36
2	Animal House	020	30	Satisfied	Present	74.37
3	Language Lab.	116	30	Satisfied	Present	58.74
4	Central Instrumentation Lab.	128	30	Satisfied	Present	78.21
5	Computer Laboratory	302	50	Satisfied	Present	74.29

- **Total Area of all Common facilities : 377.97 Sq. Meter.**



ANIMAL HOUSE FACILITY

Drugs and pharmaceuticals need to be tested on animals prior to human administration. Therefore, a Pharmacy college need to maintain a well equipped Animal House Facility for enabling the students to study the effect of drugs on animal models. In line with this requirement, our College maintains a well equipped Animal House, set up and maintained as per the guidelines of CPCSEA (Committee for the Purpose of Control and Supervision on Experiments on Animals). The facility is manned by well trained staff and supervised by duly qualified and experienced Faculty members. The area is used for breeding and carrying out experiments required for regular UG and PG practicals as well as specialized experiments conducted by students for their PG research work (Projects). The animal house is backed by a well equipped Pharmacology laboratory. Experiments are conducted and used / dead animals are disposed off strictly as per the guidelines of CPCSEA. Our Animal house maintains several species of animals



such as mice, rats, guineapigs, and Rabbits. The facility comprises of wash area, animal feed store, animal cages, etc. The animals are segregated in separate areas for breeding and experimentation. The animals being used for different experiments are separated and properly labeled and their lists are maintained. Students need to take prior approval from the IAEC (Institutional Animal Ethics Committee) for all experiments involving animals as per the CPCSEA guidelines. Registration number 1726/PO/Ere/S/14/CPCSE has been assigned to our animal house by Ministry of Environment, Forest & Climate Changes; Govt. of India.

ANIMAL HOUSE RELATED FACILITIES

SL. NO.	CRITERIA	REMARKS
1.	Dimensions of Animal House	80 sq.m
2.	Sterilization facility for feed, cages, etc.	Autoclave present
3.	Washing facilities and sanitization conditions	Available
4.	Disposal of animals after experimentation as per norms	Burial method
5.	Air conditioning/ handling/ circulation/ facilities	Air Conditioner (2 nos) present
6.	Registration of Institutional Animal Ethics Committee	Registration No:- 1726/PO/Re/S/14/CPCSEA Date of Registration:-09/01/2014 Registration valid till:- 20/07/2022

Animal house & related facilities

(Status of certification of CPCSEA of Animal House Facility must be provided)

- With reference to application provided by Ministry of Environment & Forests Animal Welfare Division dated 9th January 2014, the institution has been registered with CPCSEA for the purpose of "EDUCATION" bearing the registration number 1726/PO/Re/S/14/CPCSEA is valid up to 20.07.2022.

CLASS ROOMS

Sl. No.	Room No.	Course Assigned	Seating Capacity	Class Configuration	Floor	Area (Sq. Meter)	Number Plate
1	009	B. Pharm	60	Smart Class	Ground	65.52	Lecture Hall-I
2	018	M. Pharm (Pharmacology)	18	Smart Class	Ground	38.6	Lecture Hall-II
3	019	B. Pharm	60	Smart Class	Ground	98.84	Lecture Hall-III
4	025	B. Pharm (ICT Enabled)	60	Smart Class	Ground	85.32	Lecture Hall-IV
5	026	B. Pharm (ICT Enabled)	60	Traditional	Ground	86.51	Lecture Hall-V
6	110	B. Pharm	60	Smart Class	First	69.24	Lecture Hall-VI
7	111	B. Pharm (Tutorial)	20	Traditional	First	40.23	Tutorial-I
8	209	M. Pharm (Pharmaceutics)	16	Smart Class	Second	32.95	Lecture Hall-VII
9	216	M. Pharm (Pharmaceutics)	18	Smart Class	Second	37.89	Lecture Hall-VIII
10	219	B. Pharm	60	Smart Class	Second	73.53	Lecture Hall-IX
11	220	B. Pharm	60	Smart Class	Second	72.96	Lecture Hall-X
12	223	M. Pharm (Tutorial)	20	Traditional	Second	32.6	Tutorial-II
13	227	Diploma	60	Traditional	Second	85.31	Lecture Hall-XI
14	228	Diploma	60	Traditional	Second	86.8	Lecture Hall-XII
15	301	B. Pharm	60	Smart Class	Third	73.66	Lecture Hall-XIII
16	305	M. Pharm (Pharmacology)	18	Traditional	Third	38.08	Lecture Hall-XIV
Total Area of Class Rooms						1018.04	

COLLEGE AT A GLANCE



Established in the year 2006 under the auspices of a dynamic and visionary management SEDCO with unmatched commitment for quality education.

Offers Diploma in Pharmacy (2yrs.), Bachelor of Pharmacy (4yrs), Master of Pharmacy in Pharmaceutics (2yrs) and Master of Pharmacy in Pharmacology (2yrs).

Approved by CPCSEA Govt. of India for experimentation on laboratory animals

Located in a picturesque campus at Sugandha Delhi Road, Near Chuchura Railway station, Hooghly

A clean and green campus with an ambience of academic culture.

Excellent placement record in all core sectors of professional services

Highly experienced, dynamic and dedicated teaching faculty.

State-of-the-art infrastructure with well equipped laboratories, Computer laboratory, Language laboratory

Well-equipped Central Instrumentation Laboratory with high end instrumentations like FT-IR, UV- Spectrophotometer, HPLC, Bioanalyzer, Lyophilizer etc.

- State-of-the-art Auditorium, Knowledge Resource Center, Museum, Herbal Garden, Animal House.
- Smart class rooms, Lecture halls, Tutorials, E-Cell , IQAC and dedicated Examination cell
- Wi-Fi enabled campus with 100mbps internet speed.
- Separate Hostel for Boys and Girls inside the campus with 24 hours power back up facilities.
- College canteen and cafeteria provides healthy, hygienic multicuisine menu Excellent facilities of Indoor and Outdoor sports, Gymnasium, Cafeteria and Canteen.
- Dynamic training and placement cell for industrial training and placement activity.
- MoU with Pharma Industry.
- Excellent grooming of graduates with need based market driven graduate attributes .
- Effective Mentor-Mentee monitoring mechanism with special care for slow learners .
- Provides support for bank loans and different kind of scholarships.
- Outstanding performance is honored with an award of appreciation.
- Strict adherence to non-negotiable academic calendar of
- MAKAUT and strong commitment for effective Mandatory Additional Requirement.
- Excellent Teaching Learning Methodology with innovative practices and beyond the class room activity.
- Students are encouraged to participate in Unnat Bharat Abhiyan, NSS, Seminars, Conferences, Cultural activity, Annual sports, etc.



RESEARCH & DEVELOPMENT CELL



Research and Development is an important area of our civilization, without its successful implementation on long term basis it will be quite impossible to combat against the devastating infectious as well as life-threatening diseases. Today what we are enjoying in our day to day life as facilities starting from electronics goods to medicines all are the blessings of scientists or technologists who have invented these by their hardwork and intelligence. Any ordinary student becomes extraordinary by repeatedly doing ordinary work that means practice makes a man perfect. It is true that being a professional people if we can focus on the research and if the outcomes of the research may be very simple, or it may be negative also, yet it can create a lot of sense/impact to the society, nation as a whole to the globe.

Keeping all the above incidences in mind, R & D Cell of Bengal School of Technology has been formed by consisting of Senior, experienced professor and young, dynamic, energetic faculty

members those are actively involved in undergraduate, postgraduate & doctoral research supervision not only as a first step of NBA accreditation process, but also to correlate the theoretical knowledge acquired by our beloved pupils with its practical implementation and to motivate them for performing research or to create keen interest towards research for better socialism. Presently the committee consists of senior professors with long research experience and young energetic faculties of the college.

To inculcate the research atmosphere in the Institution the R & D Committee organizes seminars, Guest talk, Finishing school, etc. The seminars were highly attended by delegates from our Institution as well as from neighboring pharmacy colleges and universities from other state also. Our R & D Committee is always ready to organized more seminars, conferences and workshop with eminent, renowned Scientists or with hardcore academicians.

INDUSTRIAL INSTITUTE PARTNERSHIP CELL

The students of the institution after passing out are chiefly absorbed by the Pharmaceutical industry. Hence there is always a need to build strong partnership with local and national companies of repute in order to gain an advantage by the student as their prospective employees. In order to cater to this need, BST has an Industry-Institution Partnership Cell, consisting of Senior Professors who had a wide range of experience and exposure in the principal areas of pharmaceutical business operations and has served the industries at the higher positions for decades. The cell also looks after the arrangement of placement for outgoing students, summer internship of current students and organizes industry visits for the UG & PG students. The committee comprises of full time faculty members of our Institution.

The cell actively arranges summer training for students in industries during 2015 -16 such as Bengal Chemicals & Pharmaceuticals Ltd., Dey's Medical Stores Ltd., Caplet India, Albert David Ltd., Pasteur Laboratories, Gluconate Health Ltd., Indian Drug & Pharmaceuticals, East India

Pharmaceuticals Works Ltd., Palsors Derma, Diamond Drugs Pvt. Ltd., Stadmed Pvt. Ltd. and Standard Pharmaceuticals Ltd.. Outside the state the training has been arranged at Micro Labs Ltd., Wockhardt, Hetero Drugs, Zydus Cadila, Medopharm, Alkem Laboratories Ltd. and Drakt Pharmaceutical Pvt. Ltd. to name a few. It is also responsible for a catalytic role in improving industry institution understanding through holding seminars and lecture series from industry experts.

Under the stewardship of IIPC the students do regularly visit local Pharmaceutical Industries like Stadmed Pharmaceuticals Ltd., Standard Pharmaceuticals Ltd., East India Pharmaceutical Works Ltd., Bengal Chemicals & Pharmaceuticals Ltd., Dey's Medical Stores Ltd. etc for a firsthand experience about the working of pharmaceutical industries. The committee also actively seeks consultancy work from industrial houses to enhance the industry-institution bonding. Beside these, it also connects with the various hospitals and Clinical Research Organizations for employment.

WOMEN CELL & E-CELL



Women Cell

The Institute has established a Women Cell in the college campus for the women faculty, staff and girl students, to enhance understanding of issues related to women and to make the college campus a safe place for them. With an aim of creating awareness of their rights and duties the cell organizes and participates in seminars, talks and also takes up women's issues and problems. It also provides a platform for women to share their experiences and views regarding their status in the society and to suggest ways to improve and empower themselves. Aiming at intellectual and social upliftment of the female students, the cell stands for facilitating women's empowerment through guest lectures, seminars, awareness programmes life skill training programmes, entrepreneur training and other welfare activities.

Entrepreneurship Development Cell (E-Cell)

The Entrepreneurship Development Cell at Bengal School of Technology was conceived in the year 2016 to develop the entrepreneurial ecosystem in the campus. It caters to all the students of the college and has Tie up with knowledge partner National Entrepreneurship Network (NEN) since then, our students have completed Government courses in Entrepreneurship namely (WF-NEN 100 and WF-NEN 101) respectively. The college has also put together on display the innate Entrepreneurial skills of the budding students during the Entrepreneurship Week which was held between February 10 to 16,2018. The program registered about 250 student participants from the college itself and was a grand success and acclaimed throughout by National Entrepreneurship Network (NEN). The E-Cell of the college is also in the process of applying for Grants from various national agencies. Since inception the E-Cell of the institute has received attention and encouragement from one and all as well as NEN.



RAIN WATER HARVESTING & SOLAR PANELS

Solar Panels

In present times, the world has been adopting renewable power at a rapid rate. India is also emerging in the global arena as a leading generator of renewable energy. In its efforts to move further towards sustainable development, Bengal School of Technology has set a target for roof top solar installations. Solar energy serves as an affordable source of electricity. Since rooftop solar panels harness the power of the sun to generate electricity, they are eco-friendly.



Rain water harvesting

Today, scarcity of good quality water has become a significant cause of concern. However, Rainwater, which is pure and of good quality, can be used for irrigation, washing, cleaning, bathing, cooking and also for other livestock requirements.

Rainwater harvesting is the simple process or technology used to conserve Rainwater by collecting, storing, conveying and purifying of Rainwater that runs off from rooftops, parks, roads, open grounds, etc. for later use.

In Bengal School of Technology, the process of rainwater harvesting involves the collection and the storage of rainwater with the help of artificially designed systems that run off naturally or man-made catchment areas like- the rooftop. The rainwater harvesting system is one of the best methods practised and followed to support the conservation of water.

TRAINING AND PLACEMENT CELL

The Training and Placement Cell is a vital organ of the institute. It acts as a link between industry and the students. It arranges practical training for 3rd year students, which is stipulated under their academic curriculum. The cell has the responsibility to invite the future employers of the students. The whole placement process is organized and executed by this cell. The campus interviews are held under the supervision and jurisdiction of this cell and the relevant feedback is obtained from the industry. The cell has kept a close liaison with many companies in the country.

The cell also arranges career talks for dissemination of knowledge regarding the employment opportunities in the industry related to the relevant fields and interests of the students. It keeps record of the students who undergo training and the companies which come for recruitment.

The Training & Placement Cell firmly believes in 'Industry-Institute Interaction'. In order to accomplish the same, it organizes seminars and talks to provide a platform for the budding engineers to interact with professionals from various industries. It encourages visits to the industries by the institute students and arranges industrial problems to be worked out by students as part of their projects. It also takes suggestions from members of the industry regarding designing/changing of curriculum. The institute has signed MOUs with many pharmaceutical industries.

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COMPUTER CENTER

Computer Center

The computer center is the heart of the any technical institute. With the recent boom in the information technology (IT), computer has become an absolute necessity in every stream of education as well as in every profession. BST has therefore, made a huge investment in setting up and maintaining an excellent computer center with new age technology to integrate the use of IT. The computer center offers an excellent infrastructure for imparting software and hardware skills to the students using latest software tools and technologies. The institute has sophisticated, state of the art computer lab, a fully networked environment, high performance servers, the latest Intel processor based systems, broadband internet access, the required software (licensed), the best of printers, scanners, CD/DVD writers, Special statistical packages, CAD/CAM workstation, decision support system and electronic databases. Students are assured of more than adequate computer time, an excellent IT environment, qualified and extremely helpful staff and all the necessary software support. The students can work on their assignments, prepare their presentations, persue computer courses, learn new languages, keep up to date with technology, perfect their programming skills receive online training and hone their computing skill here.



LABORATORY

The laboratory is the heart and soul of any pharmaceutical institute. Much emphasis has therefore, been given to build up most modern laboratories for the use of students. All laboratories are well ventilated, spacious, and equipped with gas, water, electricity and high quality chemicals, instruments. The college has all the labs required to take care of practical classes as stipulated in the syllabus of University and they are as per AICTE norms. Separate Research And Development Laboratories are maintained to encourage students for research work.



Instrumentation Facility

Bengal School of Technology provides students with the state-of-the-art instruments for equipping them with the latest practical knowledge. Following are some of the most important sophisticated instruments available at BST, which are being routinely used by our UG, PG and Ph. D students for their regular laboratory and research work.



Placement (Academic Year 2022-2023)

SL. NO.	NAME OF STUDENT PLACED	NAME OF THE EMPLOYER
1	Sanju Pal	Macleods
2	Sumon Maity	Alkem
3	Sohana Afroz	Macleods
4	Ranit Mondal	Apollo
5	Mirza Suhel Haque	Wonder Drugs
6	Bikram Kumar Singh	Apollo
7	Fardin Chowdhury	Wonder Drugs
8	Sayan Sarkhel	Macleods
9	Aniruddha Sarkar	Narayana Healthcare
10	Shirshendu Debnath	Apollo
11	Sabuj Maity	Macleods
12	Shiladitya Hazra	Macleods
13	Prince Maji	Zydus
14	Rajkumar Chall	Wonder Drugs
15	Krishnashis Mukherjee	Macleods
16	Susmita Mula	Apollo
17	Aniket Hajra	Macleods
18	Sourajit Bhattacharjee	Wonder Drugs
19	Sayak Biswas	Macleods
20	Sayan Dutta	Troikaa
21	Akash Halder	Troikaa
22	Poulami Ghosh	Cognizant
23	Swastika Rana	Macleods
24	Mustafi Halder	Mendine
25	Mrinmoy Pal	Wonder Drugs
26	Atanu Kumar Mondal	Macleods
27	Sanmitra Saha	Alkem
28	Bhaskar Mukherjee	Macleods
29	Sudipto Neogi	Macleods
30	Chandrachur Banerjee	Oxalis
31	Gouri Koley	Narayana Healthcare
32	Aniruddha Chatterjee	Narayana Healthcare

NAME OF STUDENT ENROLLING INTO HIGHER EDUCATION

Sl. No.	Name of student enrolling into higher education and contact details	Program admitted	Name of institution joined
1	Soumyojit Dey	M.Pharm	Bengal School of Technology
2	Sk Asmaul Ali	M.Pharm	Bengal School of Technology
3	Tanmoy Kr Dey	M.Pharm	Bengal School of Technology
4	Indranath Santra	M.Pharm	Bengal School of Technology
5	Shreya Das	M.Pharm	Bengal School of Technology
6	Arindam Dutta	M.Pharm	Bengal School of Technology
7	Sudip Bera	M.Pharm	Centurion university
8	Soumadwip Das	M.Pharm	Dr. B. C. Roy
9	Swarnava Mukhopadhyay	M.Pharm	Central University of South Bihar
10	Sagnik Biswas	M.Pharm	NIPER
11	Dipanwita Das	M.Pharm	NSHM
12	Bishal Bera	M.Pharm	Bengal School of Technology
13	Sourav Bisai	M.Pharm	MBA KITS BBSR
14	Arijit Manna	M.Pharm	GNIPST
15	Soumik Bhunia	M.Pharm	Bengal School of Technology
16	Samagam Saha	M.Pharm	Bengal School of Technology
17	Ayush Roy	M.Pharm	Bengal School of Technology
18	Anirban Mandal	M.Pharm	Bengal School of Technology
19	Souvik De	M.Pharm	Bengal School of Technology
20	Sayantika Kundu	M.Pharm	Bengal School of Technology
21	Mili Ghosh	M.Pharm	Bengal School of Technology
22	Arjun Talukdar	M.Pharm	BIT MESRA
23	Saranik Sengupta	M.Pharm	SBS UNIVERSITY
24	Dishani Sil	M.Pharm	GNIPST
25	Piyas Bose	M.Pharm	NIPER KOLKATA
26	Anubrata Lahiri	M.Pharm	GNIPST
27	Archita Sadhukhan	M.Pharm	Bengal School of Technology
28	Soumyadeep Samanta	M.Pharm	JU
29	Hritam Pramanik	M.Pharm	Bengal School of Technology
30	Monojit Das	M.Pharm	Bengal School of Technology
31	Susmita Ghosh	M.Pharm	Bengal School of Technology
32	Asif Iqbal Mondal	M.Pharm	GNIPST

PUBLICATION LIST -

Sl. No.	Name of the Author	Title of Paper	Name of Journal	Publication Date	Department	ISBN/ISSN	Year of Publication
1	Raja Majumder	An Overview of Lipid-Polymer Half-Breed Chitosan Based Isoniazid Loaded Nanoparticle in the Treatment of Tuberculosis	International Journal of Pharmaceutical Research and Applications	Nov-Dec 2022	Pharmaceutics	2456-4494	2022
2	Gouranga Sundar Roy	An Overview of Lipid-Polymer Half-Breed Chitosan Based Isoniazid Loaded Nanoparticle in the Treatment of Tuberculosis	International Journal of Pharmaceutical Research and Applications	Nov-Dec 2022	Pharmacognosy	2456-4494	2022
3	Soumyadi p Ghosh	A Comprehensive Review on <i>Psidium Guajava</i> Linn: as an Herbal Remedy	International Journal of Pharmaceutical Sciences and research	1-Nov-22	Pharmaceutics	0975-8232, 2320-5184	2022
4	Soumyadip Ghosh	A Review on Present and Future Outlook of 3d Printing in Transdermal Drug Delivery System	International Journal of Applied Pharmaceutics	2022	Pharmaceutics	0975-7058	2022
5	Dishari Dutta	Immunotherapy as Novel Treatment of Lung Cancer: A Systematic Review	Asian Journal of Pharmaceutical and Clinical Research	23-Sep-22	Pharmaceutics	2455-3891, 0974-2441	2022
6	Soumyadip Ghosh	A Review on Pharmacological and Therapeutic Insight of Ozanimod for Colon Disease in Nano-Structure	International Journal of Pharmacy and Pharmaceutical Sciences	2022	Pharmaceutics	2656-0097, 0975-1491	2022
7	Soumyadip Ghosh	Preparation and Evaluation of Polyherbal Handwash of Different Herbal Sources	NEUROQUANTOLOGY	Nov-22	Pharmaceutics	1303-5150	2022
8	Soumyadip Ghosh	Design and Evaluation of Gastroretentive Multiple Units of Dipyridamole: <i>in-vitro</i> and <i>in-vivo</i> human studies	Journal of Drug Delivery and Therapeutics	2022	Pharmaceutics	2250-1177	2022
9	Shaibal Chandra	Review on Phytochemistry and pharmacological activity of <i>Melia azedarach</i>	International Journal of Experimental Research and Review (IJERR)	2022	Pharmacology	2455-4855	2022
10	Soumyadip Ghosh	Advancement of Targeted Drug Delivery Over Conventional Drug Delivery System Targeting to Colonic Region	International Journal of Pharmaceutical Sciences Review and Research	2022	Pharmaceutics	0976-044X	2022

11	Soumyadi p Ghosh	A Review on Pharmacological and Therapeutical Insight of Satranidazole for Colon Targeting in the treatment of Colonic Diseases	Journal of Drug Delivery and Therapeutics	2022	Pharmaceutics	2250-1177	2022
12	Gouranga Sundar Roy	'Bone Setter'-The Cissus Quadrangularis	World Journal of Pharmacy and Pharmaceutical Sciences	2023	Pharmacognosy	2278-4357	2023
13	Gouranga Sundar Roy	Micro-qualification by estimation of leaf constants of the ethnobotanical plant <i>Costus igneus</i> N.E. by optical Microscopical analysis	World Journal Biology Pharmacy and Health Sciences	15-Mar-23	Pharmacognosy	2582-5542	2023
14	Soumyadip Ghosh	Current Scenario of Diabetic Mellitus With Recent Drug Development Approaches: A Comprehensive Review	NEUROQUANTOL OGY	Jan-23	Pharmaceutics	1303-5150	2023
15	Soumyadip Ghosh	A Brief Review on Sleep Paralysis: Management and Treatment	International Journal of Pharmaceutical Sciences and research	1-Feb-23	Pharmaceutics	0975-8232, 2320-5184	2023
16	Dishari Dutta	Human Monkeypox - : Next Cause of Fear?	World Journal of Pharmaceutical Research	2023	Pharmaceutics	2277-7105	2023

ANNUAL E-GOVERNANCE REPORT**2022-23**

1. Online mode of Examinations conducted at both College and University Level.
2. The college website up-gradations and maintenance services continued.
3. E-mail IDs of faculties and staff were created using college domain (www.bstpharmacy.in).
4. **Library E-Resources** were utilized to access the required e-books and e-journals through **DELNET**, **Bentham Sciences** and National Digital library of India.
5. Separate WhatsApp group was created for individual classes to communicate with students.

ANNUAL REPORT ON PROGRAMS ATTENDED BY FACULTY**2022-23**

The institute has taken the quality initiative to arrange programs on virtual platform for upgrading the faculties. FDP was organized in offline mode on “**QUALITY AUDITS AND ACCREDITATION PROCESS**”. The faculties were also encouraged to attend FDP, Workshops whenever possible.

SL NO.	FACULTY	TITLE OF FDP	ORGANIZER	DURATION
1	KAUSIK BHAR	TEACHING LEARNING PROCESS AND RECENT ADVANCEMENT IN PHARMACY	NETAJI SUBHAS CHANDRA BOSE INSTITUTE OF PHARMACY (NSCBIP)	26.8.22-28.8.22
2	ANISHA CHAKRABARTY	INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION	AICTE	30.01.23-3.2.23
3	ATANU CHATTERJEE	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
4	DISHARI DUTTA	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
5	SUDIPTA ROY	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH	26.9.22-30.9.22

		DEVELOPMENT	IQAC , JIS UNIVERSITY	
6	RIYA SARKAR	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
7	SANGITA BANERJEE	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
8	SIDDHESWAR MAITI	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
9	TRISHA CHATTERJEE	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
10	DIPRA DASTIDER	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
11	TOUMICA GHOSH	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
12	SARBANI DAS	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
13	SOUMYADIP GHOSH	POST -PANDEMIC ADVANCEMENT IN DRUG RESEARCH AND SUSTAINABLE DEVELOPMENT	DEPT OF PHARMACEUTICAL TECHNOLOGY IN ASSOCIATION WITH IQAC , JIS UNIVERSITY	26.9.22-30.9.22
14	ANISHA CHAKRABARTY	WORKSHOP- TECHNOLOGICAL ADVANCEMENT IN PHARMACEUTICAL AND HEALTHCARE RESEARCH	DEPT OF BIOTECHNOLOGY, MAKAUT	04.01.23- 10.01.23
15	SOUGATA MALLICK	WORKSHOP- TECHNOLOGICAL ADVANCEMENT IN PHARMACEUTICAL AND HEALTHCARE RESEARCH	DEPT OF BIOTECHNOLOGY, MAKAUT	04.01.23- 10.01.23
16	RITUPARNA DAS	WORKSHOP- TECHNOLOGICAL ADVANCEMENT IN PHARMACEUTICAL AND HEALTHCARE RESEARCH	DEPT OF BIOTECHNOLOGY, MAKAUT	04.01.23- 10.01.23
17	TOUMICA GHOSH	TEACHING LEARNING PROCESS AND RECENT ADVANCEMENT IN PHARMACY	NETAJI SUBHAS CHANDRA BOSE INSTITUTE OF PHARMACY (NSCBIP)	26.8.22-28.8.22

ADEQUATE FACILITIES

There are separate dorms for boys and girls, as well as a pleasant playground and a canteen/café. The hostels include enough gymnasium equipment for both boys and girls to keep a healthy lifestyle. The Institute holds the Annual Sports Meet every year between January and February to promote mental toughness, health, and leadership qualities. In order to execute the event with a proper award presentation ceremony, outdoor and indoor games are introduced, each with its own fixture and team identity. Every year, the institute's students organise a Fresher's Welcome event (Genesis), an Annual Cultural Fest (Inferno), and a Reunion (Nostalgia). These tactics are used at college to inspire learners to be more creative, to explore their ideas, and to improve their interactions with their classmates and professors.



Boy's Hostel



Play Ground



Canteen



MEDICINAL PLANT GARDEN**Size/ area of the garden-**

There are two medicinal plant gardens i.e.

- **MEDICINAL PLANT GARDEN NO-1.**
- **MEDICINAL PLANT GARDEN NO-2.**
- The total area of the medicinal plant **Garden no-1** is **258.59** Square Meter (2783.4 Square Feet).
- The total area of the medicinal plant **Garden no-2** is **298.28** Square Meter (3210.68 Square Feet).

Types, varieties and number of plants available in the garden.

- There are **5 types** of plants available in the garden i.e. **Shrubs, Herbs, Trees, Climber and Trees.**
- There are **9 varieties** of plants available in the garden.
- **Total number of plants: 107.**

Overall look and maintenance of the plant medicinal garden.

- The total area of the medicinal plant **Garden no-1** is **258.59** Square Meter (2783.4 Square Feet).
- The total area of the medicinal plant **Garden no-2** is **298.28** Square Meter (3210.68 Square Feet).
- The **grand total** area of medicinal garden is: **556.87 Square Meter.**

LIST OF MEDICINAL PLANTS

SI No.	Name of the plant	Family	Garden Number	Chemical Constituents	Medicinal Uses
1	<i>Barleria lupulina</i>	Acanthaceae	1	Terpenoids	Analgesic
2	<i>Ocimum africanum</i>	Lamiaceae	1	Linalool	Antioxidant Antibacterial
3	<i>Mesua ferrea</i>	Guttiferae	1	Meusol, Mesuaxanthofle B	Antidote
4	<i>Ricinus communis</i>	Euphorbiaceae	1	Ricinoleic, Fixed oil	Purgative, Emollient
5	<i>Saraca indica</i>	Fabaceae	1	Hydrolysable tannin	Menorrhgia
6	<i>Plumbago zeylanica</i>	Plumbaginaceae	1	Plumbagin	Plumbagic acid
7	<i>Rauwolfia serpentina</i>	Apocynaceae	1	Serpentine	Antihypertensive
8	<i>Adhatoda vasica</i>	Acanthaceae	1	Adhatodic acid	Expectorent, Bronchodilator
9	<i>Hibiscus rosa-sinensis</i>	Malvaceae	1	Taraxeryl acetate	Colouring agent
10	<i>Azadirachta indica</i>	Meliaceae	1	Nimbin, Nimbidin	Antibacterial
11	<i>Terminalia arjuna</i>	Combretaceae	1	Casticin, Isoorientin	Liver disease
12	<i>Myristica fragrans</i>	Myristicaceae	1	Myrsticine, Elemicine	Dyspepsia, Indigestion
13	<i>Aegle marmelos</i>	Rutaceae	1	Tannins	Stomachic
14	<i>Citrus maxima</i>	Rutaceae	1	Ascorbic acid	Anti-scurvey
15	<i>Elaeocarpus ganitrus</i>	Elaeocarpaceae	1	Elaeocarpidine	Asthma
16	<i>Catharanthus roseus</i>	Apocynaceae	1	Vincristine, Vinblastine	Antineoplastic agent
17	<i>Datura metel</i>	Solanaceae	1	Hyosciamine, Scopolamine	Skin disease
18	<i>Curcuma amada</i>	Zingiberaceae	1	Curcumine, Linalool	Antimicrobial, Antifungal
19	<i>Ocimum sanctum</i>	Lamiaceae	1	Oleanolic acid	Asthma, Bronchitis
20	<i>Uraia picata</i>	Fabaceae	1	Alkaloids	Antiallergic
21	<i>Sida cordifolia</i>	Malvaceae	1	Ephedrine	Asthmatic bronchitis
22	<i>Aloe barbadensis</i>	Liliaceae	1	Aloin	Laxative, Cosmetics
23	<i>Ayapanatriplinervis</i>	Asteraceae	1	Ayapanin, Coumarins	Stimulant
24	<i>Commiphora mukul</i>	Burseraceae	1	Guggulesterone	Antilipedemic
25	<i>Zingiber officinale</i>	Zingiberaceae	1	Curcumene	Stomachic
26	<i>Mangifera indica</i>	Anacardiaceae	1	Mangiferine	Laxative
27	<i>Costus igneus</i>	Costaceae	1	Tri-terpenoids	antidiabetic

28	<i>Gymnema sylvestre</i>	Asclepiadaceae	1	Gymnemic acid	Stomachic
29	<i>Withania somnifera</i>	Solanaceae	1	Withanine	Sedative
30	<i>Mimuso pselengi</i>	Sapotaceae	1	Flavonoids	Astringent
31	<i>Centella asiatica</i>	Umbelliferae	1	Asiaticoside	Nerve tonic
32	<i>Andrographispa niculata</i>	Acanthaceae	1	Kalmeghine	Stomachic
33	<i>Lawsonia innermis</i>	Lythraceae	1	Lawsonone	Dye
34	<i>Cinnamomumt amala</i>	Lauraceae	1	Cinnamomum, Terpenoids	Carminative, Stomachic
35	<i>Vitex negundo</i>	Lamiaceae	1	Casticin, Isoorientin	Liver disease
36	<i>Curcuma caesia</i>	Zingiberaceae	1	Zingibarene	Analgesic, Spice
37	<i>Eclipta alba</i>	Asteraceae	1	Wedelo-lactone	Hair tonic
38	<i>Terminalia bellerica</i>	Combretaceae	1	Phyllembin	Carminative
39	<i>Terminalia chebula</i>	Combretaceae	1	Hydrolysable tannin	Laxative
40	<i>Sesbania grandiflora</i>	Fabaceae	2	Leucocyanidin, sesbanimide	Emmenagogue, Jaundice
41	<i>Murraya koenigii</i>	Rutaceae	2	Murrayanol	Anti-inflammatory
42	<i>Bauhinia variegata</i>	Fabaceae	2	Lupeol, Kaempferol	Anti-helminthic
43	<i>Citrus aurantifolia</i>	Rutaceae	2	Bergamottin	Antiulcer
44	<i>Santalum album</i>	Santalaceae	2	Santalol	Bronchitis
45	<i>Prunus avium</i>	Rosaceae	2	Anthocyanins	Gout
46	<i>Cinnamomum camphora</i>	Lauraceae	2	Camphor	Anti-oxidant
47	<i>Syzygiums amarangense</i>	Myrtaceae	2	Alpha and beta carotene	High blood pressure
48	<i>Averrhoa carambola</i>	Oxalidaceae	2	Proanthocyanidins	Cough, Asthma
49	<i>Butea monosperma</i>	Fabaceae	2	Carbohydrate	Pesticide, dye
50	<i>Piper betle</i>	Piperaceae	2	Arecoline	Anti inflammatory
51	<i>Mangolia alba</i>	Mangoliaceae	2	Macheline	Anti-inflammatory
52	<i>Ceiba pentandra</i>	Malvaceae	2	Cellulose, Lignine	Diuretic, Fibers
53	<i>Sansevieria azeylanica</i>	Ruscaceae	2	Saponins, Carotenoids	Heart disease
54	<i>Achyranthes aspera</i>	Amaranthaceae	2	Achyranthine	Antiarthritic
55	<i>Trachyspermum ammi</i>	Apiaceae	2	Thymol	Indigestion, Flatulence
56	<i>Gossypium herbaceum</i>	Malvaceae	2	Cellulose	Fiber
57	<i>Morus nigra</i>	Rosaceae	2	Anthocyanin	Diarrhoea
58	<i>Curcuma longa</i>	Zingiberaceae	2	Curcumine	Anti-oxidant
59	<i>Spondias dulcis</i>	Anacardiaceae	2	Avivularin	Dietary fiber
60	<i>Ocimum tenuiflorum</i>	Lamiaceae	2	Urosolic acid	Anti tussive
61	<i>Nyctanthes arbor-tristis</i>	Oleaceae	2	Carotenoids, Glycoside	Anthelmintic
62	<i>Passiflora suberosa</i>	Passifloraceae	2	Passiflorin, Harmine	Hypotensive, Sedative
63	<i>Calotropis gigantea</i>	Apocynaceae	2	Calotropin, Gigantin.	Skin disease, Asthma
64	<i>Carissa carandas</i>	Apocynaceae	2	Carisol, Carissone	Astringent, Anti-oxidant
65	<i>Plumeria rubra</i>	Apocynaceae	2	Lignans, terpene	Astringent, Antirheumatic
66	<i>Mirabilis jalapa</i>	Nyctaginaceae	2	Brassicasterol, Rotenoids	Purgative, Diuretic
67	<i>Eucalyptus obliqua</i>	Myrtaceae	2	Terpenoids	Antibacterial, Anti-inflammatory
68	<i>Mentha spicata</i>	Lamiaceae	2	Menthol, Limonene	Carminative, Antiseptic
69	<i>Opuntia dillenii</i>	Cactaceae	2	Opuntoside, Ferulic acid	Anti-inflammatory, laxative
70	<i>Cynbopogan nardus</i>	Poaceae	2	Terpenoids	Insecticide

71	<i>Acoruscalamus</i>	Araceae	2	Eugenol, Aconine	Carminative
72	<i>Ellettaria cardamomum</i>	Zingiberaceae	2	Cineole, Pinene	Gastrointestinal protection
73	<i>Kaempferia galangal</i>	Zingiberaceae	2	Cineol, Borneol	Antiinflammatory
74	<i>Kalanchoe pinnata</i>	Crassulaceae	2	Quercetin	Diuretic
75	<i>Ananas comosus</i>	Bromeliaceae	2	Proteolytic enzymes	Anti inflammatory
76	<i>Sansevieria trifasciata</i>	Liliaceae	2	Phthalate, Glycosides	Air-purifier, Hair growth
77	<i>Piper longum</i>	Piperaceae	2	Piperine	Respiratory tract infections
78	<i>Abroma augusta</i>	Sterculiaceae	2	Abromasterol	Traditional
79	<i>Carica papaya</i>	Caricaceae	2	Papain	Digestive, enzyme
80	<i>Hygrophila spinosa</i>	Acantheceae	2	Betulin, Lupiol	Asthma, Blood disease
81	<i>Cissus quadrangularis</i>	Vitaceae	2	Triterpine, amyryns	Heal bone fractures
82	<i>Piper betle</i>	Piperaceae	2	Arcoline	Anti-inflammatory
83	<i>Citoria ternatea</i>	Fabaceae	2	Flavonol glycoside	Memory enhancers
84	<i>Hemidesmus indicus</i>	Asclepiadaceae	2	Tylophorine	Emetic
85	<i>Asparagus racemosus</i>	Liliaceae	2	Shatavarin	Galactogouge
86	<i>Melastoma malabathricum</i>	Melastomataceae	2	Kaempferol	Dysentery, hemorrhoids
87	<i>Aerva sanguinolenta</i>	Amaranthaceae	2	Averoside, apigenin	Anticoagulant
88	<i>Malus domestica</i>	Rosaceae	2	Quercitin, Rutin	Antiproliferative
89	<i>Mentha piperita</i>	Lamiacea	2	volatile oil	Cold, Carminative
90	<i>Psidium guajava</i>	Myrtaceae	2	Ascorbic acid, Flavonoids	Antidiarrhoeal, Antiinflammatory
91	<i>Tinospora cordifolia</i>	Menispermaceae	2	Tinosporasides	Diabetes
92	<i>Bacopa monnieri</i>	Scrophulariaceae	2	Bracosides	Memory enhancer
93	<i>Piper nigrum</i>	Piperaceae	2	Piperine	Carminative
94	<i>Tamarindus indica</i>	Ceasalpiniaceae	2	Lemonene, Lupeol	Rheumatism
95	<i>Cascabela thevetia</i>	Apocynaceae	2	Glycosides	Anti-oxidants
96	<i>Phlogacanthus thyriformis</i>	Acanthaceae	2	Lupeol, Betulin	Menorrhagia
97	<i>Clerodendrum indicum</i>	Lamiaceae	2	Hispidulin	Cough, Antirheumatic
98	<i>Rauwolfia serpentina</i>	Apocynaceae	2	Reserpine, Serpentine	Antihypertensive
99	<i>Stevia rebaudiana</i>	Asteraceae	2	Rebaudioside	Natural sweetner
100	<i>Natural sweetner</i>	Lamiaceae	2	Urosolic acid	Immune modulatory
101	<i>Cinnamomum zeylanicum</i>	Lauraceae	2	Cinnamaldehyde	Carminative
102	<i>Punica granatum</i>	Lythraceae	2	Pelleteirinegallic acid	Anti scurvy agent
103	<i>Psidium guajava</i>	Myrtaceae	2	Terpenoids	Counter irritants
104	<i>Psidium guajava</i>	Myrtaceae	2	Flavonoids, Folic acid	Hypertension
105	<i>Embelica officinalis</i>	Euphorbiaceae	2	Terpenoids, ascorbic acid	Antioxidants
106	<i>Annona squamosal</i>	Annonaceae	2	Tannins, Flavonoids	Digestive and traditional
107	<i>Holarrhena antidysenterica</i>	Apocynaceae	2	Conessine	Antiamobic



Chinsurah, West Bengal, India
W86Q+4M7, Delhi Rd, Chinsurah, West Bengal 712123, India
Lat 22.90997°
Long 88.338709°
10/02/23 03:57 PM GMT +05:30

Grishna Koll

OTHER FACILITIES

Sl. No.	Name of infrastructure	Equipped with
1	Boys' Hostel-I	Total 48 rooms are there in Hostel-I. From that Three rooms provided separately to hostel Superintendent. Two members sharing in each room with suitable furniture and electrical connection along with purified drinking water (Aquagaurd) supply and common toilet.
2	Sick room for boys	Well ventilated room, Bed provided for rest with first aid facilities
3	Boys' Hostel-II	In Hostel II Total 17 rooms from that 1 room allotted to hostel superintendent, Three members sharing in each rooms with suitable furniture's and electrical connection along purified drinking water (Aquagaurd) supply and common toilet.
4	Sick room for boys	Well ventilated room, Bed provided for rest with first aid facilities
5	Girls' Hostel	Total 38 rooms from that Two rooms provided to Hostel Superintendent Two members sharing in each rooms with suitable furnitures and electrical connection along with purified drinking water (Aquagaurd) supply and common toilet.
6	Sick room for Girls'	Well ventilated room, Bed provided for rest with first aid facilities
7	Canteen	In canteen maximum 60 sitting capacity with necessary hygienic environment with filtered drinking water supply and all necessary equipment's and gadgets for in-house cooking with Fire safety.
8	Cafeteria	In cafeteria maximum 72 sitting capacity with necessary hygienic environment with filtered drinking water supply and all necessary equipment's and gadgets for in-house cooking with Fire safety.
9	Gymnasium for Girls'	Well ventilated room with necessary accessories like:-3 station Gym, 1 no. Crunch sit- up, 1no Static cycle, 1no. Sitting Standing Twister & 1no. Leg Curling Bench for Exercise for Girls
10	Gymnasium for Boys'	Well ventilated room with necessary accessories like 4 station Gym, Ladder sit-up, Chinning Dipping, Twister, Roller Jogger for Exercise for Boys

GROUND FLOOR (DETAILS)

Sl. No.	Name of the Room	Room No.
1	Reprography	001
2	Machine Room	002
3	Ladies Toilet (Staff)	003
4	Gents Toilet (Staff)	004
5	Faculty Room	005
6	Library (OLD)	006
7	Toilet Boys (<i>Available for Physically Challenged Person</i>)	007
8	Toilet Girls (<i>Available for Physically Challenged Person</i>)	008
9	Lecture Hall-I (<i>ICT Enabled</i>)	009
10	Central Store (Laboratory Items)	010
11	Pharmacy Practice Lab.	011
12	Pharmaceutical Chemistry-II Lab.	012
13	Pharmacology R&D Lab.	013
14	Pharmacology Student Lab.	014
15	Head of the Department (H.O.D) Room-I	015
16	Head of the Department (H.O.D) Room-II	016
17	Bonded Room	017
18	Lecture Hall-II	018
19	Lecture Hall-III (<i>ICT Enabled</i>)	019
20	Animal House	020
21	Girls Toilet	021
22	Boys Toilet	022
23	Pharmaceutical Chemistry Lab-III	023
24	Pharmaceutical Chemistry Lab-I	024
25	Lecture Hall-IV (<i>ICT Enabled</i>)	025
26	Lecture Hall-V (<i>ICT Enabled</i>)	026
27	Administrative Office-I	027
28	Administrative Office Toilet	028
29	Administrative Office-II	029
30	Medical Room	030

FIRST FLOOR (DETAILS)

Sl. No.	Name of the Room	Room No.
1	Board Room	101
2	Board Room Toilet	102
3	Board Room Balcony	103
4	Examination Cell (Including Cubicle)	104
5	Examination Cell Toilet	105
6	Faculty Room	106
7	Library (OLD)	107
8	Girls Toilet	108
9	Boys Toilet	109
10	Lecture Hall-VI (<i>ICT Enabled</i>)	110
11	Tutorial-I	111
12	Human Anatomy & Physiology Lab.	112
13	Pharmacology Lab.	113
14	Pharmaceutics	114
15	Pharmaceutical Chemistry	115
16	Language Laboratory	116
17	Pharmacognosy	117
18	Museum	118
19	Pharmacognosy	119
20	Boys Toilet	120
21	Girls Toilet	121
22	Pharmaceutics Lab-III	122
23	Pharmaceutical Microbiology Lab.	123
24	Pharmaceutics Lab-II	124
25	Pharmaceutics Lab-I	125
26	Principal Room	126
27	Principal's Toilet	127
28	Central Instrumentation Lab.	128
29	CIL (Central Instrumentation Lab.) Balcony	129
30	Server Room	130

SECOND FLOOR (DETAILS)

Sl. No.	Name of the Room	Room No.
01	Staff Toilet	211
02	Pharmaceutics R&D Lab.	212
03	Pharmaceutics Student Lab.	213
04	Head of the Department (H.O.D) Room-V	214
05	House Keeping	215
06	Lecture Hall-VIII	216
07	Faculty Room	217
08	Head of the Department (H.O.D) Room-VII	218
09	Lecture Hall-IX	219
10	Lecture Hall-X	220
11	Girls Toilet	221
12	Boys Toilet	222

THIRD FLOOR (DETAILS)

Sl. No.	Name of the Room	Room No.
1	Lecture Hall-XIII	301
2	Computer Laboratory	302
3	Head of the Department (H.O.D) Room-VIII	303
4	Entrepreneurship Cell (E. Cell)	304
5	Lecture Hall-XIV	305
6	Auditorium	306
7	Ladies Toilet	307
8	Gents Toilet	308

FOURTH FLOOR (DETAILS)

Sl. No.	Name of the Room	Room No.
1	Store (Miscellaneous Items)	401

ACCORDING TO AISHE (ALL INDIA SURVEY OF HIGHER EDUCATION)
TABLE

SL. NO. ON AISHE WEB PAGE	NAME OF THE CATEGORY	NO. OF TOILETS
SL. NO. 32.	TOTAL TOILETS	26
	TOILETS FOR GIRLS	11
	TOILETS FOR DISABLED MALES	2
	TOILETS FOR DISABLED FEMALES	2

LISTS OF LAVATORY (INFRASTRUCTURE FACILITIES)

Sl. No.	Room No.	Gender	Category	Accessed By
01	003	Female	Normal	Faculties & Non-Teaching Staffs
02	004	Male	Normal	Faculties & Non-Teaching Staffs
03	007	Male	Normal	Students
04	007	Male	Physically Challenged	Students
05	008	Female	Normal	Students
06	008	Female	Physically Challenged	Students
07	021	Female	Normal	Students
08	022	Male	Normal	Students
09	028	Male	Normal	Trustee Persons
10	102	Male	Normal	CEO
11	105	Male	Normal	Exam Cell
12	108	Female	Normal	Students
13	109	Male	Normal	Students
14	120	Male	Normal	Students
15	121	Female	Normal	Students
16	127	Male	Normal	Principal
17	201	Male	Normal	Students
18	201	Male	Physically Challenged	Students
19	202	Female	Normal	Students
20	202	Female	Physically Challenged	Students
21	211	Male	Normal	HOD
22	221	Female	Normal	Students
23	222	Male	Normal	Students
24	225	Female	Normal	Students
25	307	Female	Normal	Students
26	308	Male	Normal	Students



BENGAL SCHOOL OF TECHNOLOGY

(A College of Pharmacy)

Courses offered: D.Pharm, B. Pharm, M. Pharm (Pharmaceutics), M. Pharm (Pharmacology)
Affiliated to MAKAUT and WBSCT&VE&SD; Accredited by NAAC, Accredited by NBA for B. Pharm
Sugandha, Delhi Road, Near Chinsurah Railway Station, Hooghly-712 102, West Bengal
E Mail: bstpharmacy@hotmail.com Website: www.bstpharmacy.in

