



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		BENGAL SCHOOL OF TECHNOLOGY
• Name of the Head of the institution		DR.P SURESH
• Designation		PRINCIPAL
• Does the institution function from its own campus?		Yes
• Phone no./Alternate phone no.		03326866064
• Mobile no		9290707462
• Registered e-mail		bstpharmacy@hotmail.com
• Alternate e-mail		principalbst@gmail.com
• Address		DELHI ROAD , SUGANDHA , HOGLY
• City/Town		CHINSURAH
• State/UT		WEST BENGAL
• Pin Code		712102
2.Institutional status		
• Affiliated /Constituent		Affiliated
• Type of Institution		Co-education
• Location		Rural
• Financial Status		Self-financing

• Name of the Affiliating University	MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY				
• Name of the IQAC Coordinator	DR. PARAMITA DEY				
• Phone No.	9330778850				
• Alternate phone No.	9330778850				
• Mobile	9330778850				
• IQAC e-mail address	iqacbst@gmail.com				
• Alternate Email address	bstpharmacy@hotmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://bstpharmacy.in/naac				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://bstpharmacy.in/admin/php/nacc/1.1.1.%20Academic%20Calender%202020-21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.29	2017	30/10/2017	29/10/2022
6.Date of Establishment of IQAC			22/04/2016		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
INSTITUTIONAL	UNNAT BHARAT ABHIYAN	MINISTRY OF HUMAN RESOURCE AND DEVELOPMENT	2020-21	RS 50000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC					

9.No. of IQAC meetings held during the year	3
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
1. WE HAVE STARTED ONLINE GPAT CLASSES FOR 3RD & 4TH YEAR STUDENTS	
2. BST PHARMA ALUMNI LECTURE SERIES WAS CONDUCTED AS AN INITIATIVE TO ENHANCE THE BETTER COOPERATION OF THE COLLEGE WITH ALUMNI. IT ALSO GAVE AN EXPOSURE FOR THE STUDENTS TO KNOW ABOUT THE FUTURE POSSIBILITIES IN THE PROFESSION.	
3. GREATER INITIATIVES WERE TAKEN FOR PROVIDING A BETTER TEACHING-LEARNING ENVIRONMENT UNDER PANDEMIC CONDITIONS. SPECIAL CARE WAS TAKEN FOR CONDUCTING CLASSES VIA ONLINE MODE. FOR THIS MOU WAS MADE WITH GREAT LEARNING PROVIDING A DIGITAL LMS PLATFORM WITH REQUIRED FACILITIES FOR CONDUCTING THE LEARNING PROCESS VIA ONLINE MODE.	
4. INTERNAL FACULTY DEVELOPMENT PROGRAMS WERE CONDUCTED AS A INITIATIVE TO ENHANCE AWARENESS REGARDING ACCREDITATION PROCESS.	
5. ENHANCING THE INFRASTRUCTURAL REQUIREMENT WAS MADE AS PER THE REQUIRED CONCERN. IT WAS PLANED FOR THE ENHANCEMENT OF LIBRARY FACILITIES AS A NEW CONSTRUCTION SEPARATELY. MANAGEMENT HAS TAKEN INTEREST FOR SOLAR POWER, LAYING DOWN SOLAR PANNEL OF AROUND 50 KILOWATTS.	
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year	

Plan of Action	Achievements/Outcomes
1. PLANNED FOR IMPROVEMENT IN BETTER DIGITALISATION AND UPGRADATION IN TEACHING LEARNING ENROLLMENT UNDER PANDEMIC CONDITION.	1. AS A RESULT THE INSTITUTE MADE MOU WITH GREAT LEARNING WHO IS THE LEARNING PARTNER PROVIDING VARIOUS FACILITIES RETATED TO DIGITALISATION AND LEARNING MODE AT DIGITAL INTERFACE. THUS WRITE FROM ONLINE LECTUTRE TO EXAMINATION WHERE ABLED BY THE DIGITAL PLATFORM
2. DEVELOPING AWARENESS AMONG ALL FACULTY MEMBERS REGARDING THE ACCREDITATION PROCESSES TAKEN UP BY THE INSTITUTE.	2. MULTIPLE INTERNAL FACULTY DEVELOPMENT PROGRAM WERE CONDUCTED TO ENHANCE THE AWARENESS IN VARIOUS ACCREDITATION PROCESSES.
3. ENHANCEMENT OF INFRASTRUCTURAL REQUIREMENT AS PER THE REQUIRED CONCERN.	3. ENHANCEMENT OF THE INFRASTRUCTURE WERE MADE TO FACILITATED THE NEEDS AS PER REQUIRED CONCERN. SEPARATE LIBRARY BUILDING IS UNDER CONSTRUCTION. FACILITIES FOR GUEST HOUSE IS UNDER PROCESS. INITIATIVES OF RENEWABLE ENERGY SOURCES LIKE SOLAR POWER IS LAIED DOWN WITH AN CAPACITY OF 50 KILLOWATTS. RAIN WATER HARVESTING INITIATIVES IS ALSO BE TAKEN UNDER THIS PROCESS.

13. Whether the AQAR was placed before statutory body?	No
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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE
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Year	Date of Submission
2020	20/02/2020

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	3
File Description Data Template	Documents View File
2.Student	
2.1 Number of students during the year	516
File Description Institutional Data in Prescribed Format	Documents View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	127
File Description Data Template	Documents View File
2.3 Number of outgoing/ final year students during the year	157
File Description Data Template	Documents View File
3.Academic	
3.1 Number of full time teachers during the year	42
File Description Data Template	Documents View File
3.2 Number of sanctioned posts during the year	42
File Description Data Template	Documents View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	12
4.2 Total expenditure excluding salary during the year (INR in lakhs)	7592460
4.3 Total number of computers on campus for academic purposes	89
Part B	
CURRICULAR ASPECTS	

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Due to the COVID-19 pandemic it was decided to commence the tentative online classes for the academic year 2020-21 (Odd semester) from 20th JULY 2020. The schedule of the events was decided in the examination committee meeting and was informed to all concerned. The online classes for the newly admitted students commenced from 23rd November 2020. All the online classes were conducted through licensed Zoom platform from July to November 2020. To enhance the effectiveness of teaching learning activity it was decided to sign a MOU with "Great Learning" and to deliver the online classes through thereafter. The timetable was drafted and distributed to the faculty members, the concerned faculty is told to present the projected exercise plan for the individual subjects by preparing a proposed lesson plan. The dates for continuous assessment (CAs) are decided by the Examination Cell Committee comprising of Director, Principal, Officer-in-Charge (Examination Cell) and some senior faculty. As per the University directions the even semester commenced from 2nd April 2021 through online mode. Every student has to achieve prescribed points under Mandatory Additional Requirements for earning UG Degree. Interested students can opt for the Massive Open Online Courses (MOOCs).

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://bstpharmacy.in/admin/php/nacc/1.1.1.%20Academic%20Calender%202020-21.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

In the odd semester 2020-21, adhering to the University notice and proposed academic calendar of college, four Continuous Assessments (CAs) and two Practical Continuous Assessments (PCAs) were conducted online through Great Learning. The mode of CAs was two multiple choice questions (MCQ) test, assignment and PPT. Both the PCAs were conducted through multiple choice questions (MCQ) test. In the even semester 2020-21 four Continuous Assessments (CAs) and two Practical Continuous Assessments (PCAs) were conducted online through Great Learning. The mode of CAs was two multiple choice questions (MCQ) test, assignment and Viva-Voce. The PPT presentation was replaced

with Viva-Voce in order to enhance the competitive skills of the students. Both the PCAs were conducted through multiple choice questions (MCQ) test. The institution conducted all the CAS and PCAs adhering to the University's guidelines maintaining the genuinity of the evaluation. The marks for CAS and PCAs were uploaded in the University' portal by the concern faculty members as instructed by the University. Before uploading the mark in the University portal the same was circulated to the respective student through Great Learning platform. In case of any grievance related to the mark, student are instructed to report in the examination cell.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://bstpharmacy.in/admin/php/nacc/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

D. Any 1 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

2

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

As a part of the orientation program for the newly admitted students, Universal Human Values sessions are conducted to inculcate the morals, ethics and values in the students. Online student induction program was conducted to carter the importance of UHV in

life of human at various stages including education and career. A number of sessions were taken by the in-house teachers. Women Cell of the institution actively conducts the guest lectures and programs to propagate the harmonization and gender equality among students and staff.

The subject HU282, Environmental Sciences spreads the awareness about the Environment and Sustainability and PT-516, Pharmaceutical Jurisprudence imparting the knowledge about professional ethics to the would be pharmacist.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

2

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

132

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

E. None of the above

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://bstpharmacy.in/admin/php/nacc/1.4.2.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

127

2.1.1.1 - Number of students admitted during the year

127

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

41

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution assesses learning levels of the students and finds out the advanced and fast learners as well as the slow learners. This assessment is carried out on the basis of Results and interaction in the Mentor-mentee meetings that are conducted monthly. In this meeting, discussion of various issues related to academics help in the assessment of the students and thereby taking suitable measures for their upliftment.

The institute identifies the students as slow learners if their subject-wise marks are below 45%. For the advanced learners free online classes for competitive examination GPAT, are conducted on a regular basis along with exams so that their progress can be monitored. Further, grooming and soft skill classes are organized for the final year students so that they can perform well in interviews and get placed in good companies.

File Description	Documents
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/2.2.1%20&%205.1.4%20Guidance%20Graduate%20Pharmacy%20Aptitude%20Test%20[GPAT]%20WEB%20LINK.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
495	36.68

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Bengal School of Technology (A College of Pharmacy) has adopted various experimental learning and problem solving methodologies through OLYMPUS GREAT LEARNING platform since 2020, where various quiz-based and objective-based assignments are assigned to students from UG to PG level at regular intervals in a semester. Moreover, experimental learning includes self-prepared videos of various laboratory experiments by faculties which are uploaded in YOUTUBE and the same are provided to the students for understanding the practical clearly. Apart from this, students are often exposed to various oral quizzes like identification of human bones in anatomy and physiology practical, identification of various configurations of compounds by structural models in chemistry practical. Students are also visited to college museum for learning about general aids related to Pharmacy. Through industrial training program for at least 14 days, students used to learn a lot about industry equipments and environment that enhance their learning experience and co-relate with the materialistic learning from text books. Our college has also organized various conferences and webinars throughout the academic year where most of the students have participated in poster presentation, thus creating a wide exposure of participative learning. Overall, students are getting continuous nurture from faculty members for enhancing their qualitative capability and reforming them to cope up with the

competitive pharmaceutical market with best possible learning resources.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://bstpharmacy.in/admin/php/elearning/2.3.1%E-learning%20content.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Bengal School of Technology (A College of Pharmacy) has adopted ICT enabled tools since 2019. At present, there are one ICT enabled classroom and two smart rooms in the college campus. All the faculties are enrolled themselves in ICT enabled tools for delivering lectures through audio-visual aids using youtube linked videos through Google Classroom platform. These video links are also being uploaded in the college website from where students can access directly whenever required. From December 2020 onwards, the college has adopted the OLYMPUS GREAT LEARNING platform where faculties are conducting classes effectively by various types of presentations, issuing online assignments, conducting examinations with graded evaluation. Students admitting in D.Pharm, B.Pharm and M.Pharm courses are registered themselves in this platform and involved in various types of task as assigned by faculties apart from attending lectures. Apart from that, there are various ICT tools and resources available such as Chem Sketch, SPSS, TEST, RASMOL, AUTODOCK, ORIGIN 2017, TURBO C3 4.0, ORACLE XE and GRAPH PAD PRISM 5.0, Ex-Pharm 2.0 which comes under the category of Application Software. The e-resources are widely available for preparing the content of lectures in a virtual mode such as E Books, E Journals, LIBSYS and OPAC system from online library of college.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

23

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year**

43

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

14

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

157

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

During the COVID-19 Pandemic situation, all the internal assessments were planned through online mode only. To evaluate the performance of students, the University prescribes 4 Theory Continuous Assessments (CAs) 25 marks each and 2 Practical Continuous Assessments (PCAs) 40 marks each. Out of 4 CAs, 2 are time bound and conducted as MCQ test through online mode. The remaining 2CAs were time independent assessment in form of assignment and Power Point Presentation. The PCAs were also conducted as MCQ test through online mode. The same assessment process were also followed for Non University/ Sessional subjects. All the internal assessments were designed through the Great Learning subscribed platform. The results for the MCQs were auto evaluated and marks were published for the students individually in their Great Learning student login portal. After successful uploading of the CA and PCA marks in the University portal by the concerned faculty, students were also able to see their marks in the student login portal provided by the University. Transparency and robustness was maintained in terms of frequency and mode of internal assessment.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Due to COVID-19 pandemic, all the internal examinations are conducted online as per the schedule through "Great Learning" portal

for the academic year 2020-21. After completion of the examination, the marks are published in the respective student login portal of "Great Learning". In case of any discrepancy, students were instructed to communicate the respective subject teachers and the Officer-in-Charge, Examination Cell with supportive data through phone and email. The matter is pursued and the subject teachers are instructed to verify the same. The findings of the verification is communicated to the student personally through email or phone with prior information to The Principal.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Course Objectives (CO) : Specific statements setting measurable expectations for learners, described either in terms of learning outcomes (what the learners are expected to learn), products or performance (what learners will produce as a result of a learning activity) or processes (describing the focus of learning activities).

• **Program Objectives (PO):** They are the fixed achievable goals set up by the institute in accordance to the standard Accrediting body of the country after the completion of 4 years of B.Pharmacy course. There are a set of eleven POs further classified to Program Specific Objectives and Program nonspecific objectives.

• Both the CO s and PO s are enlisted / displayed in website and the link address is displayed in Notice Board. Students and teachers are asked to go through the link to get an idea about COs and PO s. Teachers are requested to give an overview about the COs in regard to the lecture during the learning sessions.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://bstpharmacy.in/admin/php/nacc/2.6.1%20final%20CO.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Describe the method of measuring the level of attainment of POs , PSOs and COs in not more than 200

Precise illustrations of program articulation matrix and course articulation matrix, modes of delivery of the courses, how assessment tools are used to assess the impact of course delivery / course content, and how laboratory and project work are contributing towards the attainment of the Programme outcomes and course outcomes, shall be clearly outlined in the program.

The attainment of POs may be assessed by direct and indirect methods. Direct methods of assessment are essentially accomplished by the direct examination or observation of students' knowledge or skills against measurable performance indicators. On the other hand, indirect methods of assessment are based on ascertaining opinion or self-report. Rubric is a useful tool for indirect assessment.

A rubric basically articulates the expectations for students' performance. It is a set of criteria for assessing students' work or performance. Rubric is particularly suited to Program Outcomes that are complex or not easily quantifiable.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://bstpharmacy.in/admin/php/nacc/2.6.1%20final%20CO.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

157

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[https://bstpharmacy.in/admin/php/ss/2.7.1%20STUDENT%20SATISFACTION%20SURVEY%20\(2020-21\).pdf](https://bstpharmacy.in/admin/php/ss/2.7.1%20STUDENT%20SATISFACTION%20SURVEY%20(2020-21).pdf)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

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

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

4

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

- The COVID-19 pandemic has resulted in the closure of the colleges across the country. Education system has changed significantly during this lockdown period. In this pandemic, our institution had hosted virtual online classes through different platforms like google classroom, google meet and zoom meetings. You tube videos were also prepared both for the theory and practical classes.
- We also used Learning Management System (LMS) tool for delivering and managing online classes. We have used 'Great Learning' and 'Google Classroom' LMS for virtual classes.
- In this system we can take attendance, track the online assignment and overall students progress. This online classroom has become a boon for the teachers as MCQ, True-false, fill-in-the-blanks type questions can be checked automatically without any hassle.
- The marks file can be downloaded from the export csv. option

in the form of excel sheet and can be easily documented. Students also can take part in discussion. Here, students can post quires to teachers, access online study materials easily.

- Students can easily view the recorded classes and resolve the doubts. Along with this, official email system and Whatsapp official groups are also made for doubt clearing of the students.
- Ebooks were provided by the respective subject teachers to both UG and PG students. Various review and research articles were also provided to postgraduate students so that they can refer them.
- Seminars and Journal clubs were arranged for Postgraduate students on a weekly basis. Webinars are also arranged from time to time for knowledge enrichment.
- Further, free online classes for competitive examination GPAT, are conducted on a regular basis along with exams so that their progress can be monitored. Finally, grooming and soft skill classes are organized through Google meet platform for the B.Pharm and M.Pharm final year students so that they can perform well in interviews and get placed in good companies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/3.2.2%20ecosystem%20for%20innovations%20and%20has%20initiatives%20for%20creation%20and%20transfer%20of%20knowledge.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

10

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

6

File Description	Documents
URL to the research page on HEI website	https://bstpharmacy.in/admin/php/nacc/3.1.2%20List%20of%20available%20Supervisors 2021.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

18

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in

national/ international conference proceedings year wise during year

2

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Describe the impact of extension activities in sensitizing students to social issues and holistic development within a maximum of 200 words.

In the session 2020-2021, pandemic situation was prevailing due to COVID-19. In this life threatening situation, we had organized several Rural Health Camps from the college in the neighborhood villages of Hooghly, West Bengal namely

1. Sugandha,
2. Amarpur,
3. Patul,
4. Jagannathbati and
5. Kamdebpur in the month of April, August and September 2020.

The Health Camps were to sensitize the villagers regarding the proper use of masks and sanitizers, maintaining social distance and awareness amongst the

- villagers.
- This was followed by the distribution of masks and sanitizers as gifts to them. This information was further conveyed to the students during their online classes by the teachers in order to sensitize them regarding the issue and make them aware regarding the same.

With respect to Sensitizing students to social issues

- Further, B.Pharm final year students carried out various review projects as a part of their course curriculum on the awareness of COVID- 19, importance of vaccination in community, etc. under the guidance of teachers.
- Online poster and video making competitions were also organized by the college on the themes of Covid-19 Awareness, Importance of Vaccination, Importance of healthy lifestyle, Yoga, Meditation and Ayurvedic practices, Usage and disposable of protection items against Covid-19 and Importance of Physical distancing, Home Isolation and Medication.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

01

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

08

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

745

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	No File Uploaded

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

3

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

- Bengal School of Technology has proper and fruitful area to conduct the learning and teaching environment for students within the infrastructure that has adequate facilities of laboratories for D. Pharm, B. Pharm & M. Pharm courses followed by central instrumentation facilities with hyphenated instruments (e.g. HPLC, UV-Vis. Spectrophotometer, Biochemical Analyser, FTIR-ATR, Electrophoresis Apparatus with power conditioner, Ultra high speed Cooling Micro-centrifuge etc.) to improvise the knowledge of the students in practical way and to develop the research wing. Within the infrastructure the institute has smart class facilities, ICT enabled class rooms and language laboratory followed by central library with sufficient reading space and ample of numbers of books of Indian and Foreign authors in addition to national and international journals. The library is computerized and has ergonomically designed seating 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 setting up of a digital library is also in process which will enable the students to have access to the ocean of knowledge and developments. Accordingly, well lighted and ventilated spacious laboratories have been set up with all necessary equipment and instruments equipped with ample of glass-wares and chemicals. Institute has machine room

separately with Rotary & Single Punch Tablet press, Various Mass Mixers & Blenders, Coating & Polishing Pans, Bottle Washing machine, Ball Mill, Ointment Filling machine, etc. The faculty and students of the department are actively engaged in research on frontline thrust areas of drug delivery research including industry collaborated projects, as well as projects in partnership with Govt. research institutes. Students are kept updated with regular assignment and seminars including guest lecturers delivered by resource-persons drawn from Industry & Research Institutions. The institute has also adequate computer facilities as computer laboratory and e-library within the library section for students' access with Wi-Fi enabled campus. The campus has also reprography facilities for students. Pharmacy course requires the students to learn and practice exploration and exploitation of drugs from various origins including the plant kingdom. Medicinal Plant garden is situated near the entrance of the Main Pharmacy Building, providing a serene view and greenery. The garden functions as a display area for plants, herbs and spices as well as a source for conservation of several standard botanical specimens. The plants are cultivated and preserved in rectangular beds and are well labelled for easy identification and to facilitate teaching.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/4.1.1,%204.1.2,%20Infrastructure%20(Geo%20Tagged).pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

- There are separate hostels for boys and girls, as well as a nice playing area, and even a canteen and cafeteria. Both hostels contain sufficient gymnasium equipment for boys and girls in order to maintain a healthy lifestyle. Every year between January and February, the Institute hosts the Annual Sports Meet to improve mental toughness, health, and leadership skills. Outdoor and indoor games are introduced, each with its own fixture and team identity, in order to run the tournament with a formal prize presentation ceremony. Every year, the institute's students, with the help of

teachers, arrange a Fresher's Welcome event (Genesis), an Annual Culture 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/4.1.1,%204.1.2,%20Infrastucture%20(Geo%20Tagged).pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

05

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/4.1.1,%204.1.2,%20Infrastucture%20(Geo%20Tagged).pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

Rs. 7592460.00

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library is computerized & automated for each & every student. They can access books from internet & has the perfect ambiance for learning. Easy access to the internet in the library helps students do in-depth study. The library is digitalized & upgraded by LIBSYS which makes the library function easily.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://bstpharmacy.in/admin/php/nacc/LIBSYS%20and%20DELNET%20RECIPT%20,%20AMC.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

Rs. 2,45,663.00

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

- The institute has a sophisticated computer laboratory with a fully networked environment, high performance servers, latest Intel processor based systems, broadband internet access, improved educational software to establish software based practical applications, best and proper working printers, scanners, CD/DVD writers, special statistical packages, CAD/CAM workstations, decision support system, and electronic databases, among other things. The campus is Wi-Fi equipped, and adequate speed has been maintained.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/Computers,%20Laptops,%20Printers,Softwares.pdf

4.3.2 - Number of Computers

85

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

Rs. 5808720.00

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

- The institute has an office with a designated officer along with Supervisors, and other skilled workers in adequate numbers. This division is responsible for the maintenance of existing buildings, classrooms and laboratories, and also for the construction of new physical infrastructure buildings,

roads, water supply system, power supply system and CCTV surveillance. Annual Maintenance Contract (AMC), which is employed to keep the infrastructural facility of drinking water supply and equipment up to date on a regular basis. Break-down call arrangements are created for some important equipment to make the best use of resources as well as the regular basis updating of the Fire extinguishers as a fire safety division. Institute for the maintenance of computers and other devices after the warranty/extended warranty term has suitable vendor to maintain the process. Institute has regular contact with Manufacturers, distributors, and other vendors for the procurement of computer or computer accessories. The sports committee is responsible for ensuring that the minimal support of sports kits is provided, as well as enough fields staffing to regulate the game's atmosphere and to supply appropriate referees or umpires to guarantee that the rules are followed. The committee has also ensured that the process for announcing the Sports Meet for the current year is followed, with an internal meeting conducted thereafter so that students may take time out of their packed schedules to prepare their team mates and games to enlist their names. The committee, along with the appropriate academic members, monitors the whole supervisory process. The library committee is responsible for ensuring that suitable quantities of books (title and volume) and journals are available (National & International). The Committee has also followed up on the yearly subscription renewal to include e-resources such as e-books and e-journals via DELNET. They are also in charge of maintaining a check-in-out register for teacher and student use of library resources on a regular basis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the

Government during the year

124

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills
Language and communication skills Life skills
(Yoga, physical fitness, health and hygiene)
ICT/computing skills**

A. All of the above

File Description	Documents
Link to Institutional website	https://bstpharmacy.in/admin/php/nacc/5.1.3.pdf
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression	
5.2.1 - Number of placement of outgoing students during the year	
5.2.1.1 - Number of outgoing students placed during the year	
69	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File
5.2.2 - Number of students progressing to higher education during the year	
5.2.2.1 - Number of outgoing student progression to higher education	
27	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File
5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)	
5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year	
4	

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

17

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

– Students of Bengal School of Technology has involvement in various committees

like- • Cultural and Sports Committee, • Women's Cell, • Women's Grievance

Cell, • Anti-ragging committee and Squad • Magazine and Publication Committee •

Entrepreneurship Development Cell • Magazine and Publication Committee • SC/ST

Committee • Boy's Hostel Committee • Girl's Hostel Committee • Food Committee

Students are present in the meetings of the respective committees and are

involved in the day to day activities of the committees. They also give

suggestions on the working of the committee and thus a good relationship has

established between the teaching, non-teaching and the students

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

14

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The Alumni association is constituted but not registered yet. The registration is under process .

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

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."

OUR 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 service.

File Description	Documents
Paste link for additional information	https://bstpharmacy.in/
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

- Different committees are constituted and function as organs in successful running of the institute.
- IQAC cell functions as a way to improve the overall quality of students and working of the institute.
- Program committees are regularly looking after the class conduction along with student representatives.
- IAEC monitors scientific and rational use of animals in experiment.
- Online faculty meeting is conducted during this pandemic.
- Examination cell also conducts meeting to discuss about exam coordination and marks uploading in university portal within specified time .
- Conduction of webinar and faculty development program by involving all faculty members and constituting different committees to function as a part of participative management.
- Case study of IHPA (ANNUAL CONFERENCE OF INDIAN HOSPITAL PHARMACISTS ASSOCIATION) online conference. This online conference was organized by Bengal School of Technology on 25th September, 2020; in association with Indian Hospital Pharmacist s' Association and an academic partner CIPLA. Theme was -: "Pharmacy: Always trusted for your health". The events were Quiz competition, Cultural events and prize for solo dance, song and recitation, Photography competition,

E-Poster, oral presentation. Each event was organized by individual committee members. Certificates were disbursed within time. The total event was a huge success; an indicative of decentralization and participative management system prevalent in the institute.

File Description	Documents
Paste link for additional information	https://www.youtube.com/watch?v=KQ-OCIwEWj0
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

ACADEMIC PLANNING

- Calendar is prepared for both academic and examination
- Cultural Program was planned and performed in various important events like Annual Festival, Fresher's Program and Foundation Day Program .
- Tentative activity is planned and executed as far as possible.
- University number uploading is being done by faculty member as per the instruction of examination cell.
- Mode of Examination is also planned before hand and executed accordingly.
- Mandatory activity requirement is specified by University which is planned and in-charges are allotted.
- Lesson plan is also prepared by the faculties involved.
- Lab Manual is also prepared by the faculties

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://bstpharmacy.in/admin/php/nacc/1.1.1.%20Academic%20Calender%202020-21.pdf
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Bengal School of Technology runs under the umbrella of the trust named , Supreme Education and Development Charitable Organization

(SEDCO). The decision making body composing of trustees and other Saturator members, makeup the "Governing Body". Major decision regarding the functioning of the Institute is taken at Governing Body meeting at an regular interval. Later the process is percolated to the institute working system via Principal (also a Governing Body member).

Issues regarding quality development and maintenance are taken as collaborative efforts of IQAC Cell and Principal (Chairman IQAC Cell). Further various works and functioning of the Institute is looked after by various Institutional Committees. The institutional governance is looked after By Institutional Committees sub classified as Statutory and non statutory. Issues regarding Office, Hostel, Canteen, and non teaching staffs are supervised by Administrative Officer. The institutional Committees and Administrative officer is liable to report to the principal of the Institute.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://bstpharmacy.in/admin/php/nacc/6.2.2%20organogram%20final.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching

- Contributory Provident fund provision
- On-Duty leave provision for faculties.
- Flexi timing for medical reason.
- Maternity leave provision for female faculties.
- Provision for PhD research .
- Encourage to attend FDP, webinar by providing financial support .
- Encourage to publish paper in scientific journal.

Non- Teaching Staff

- Earn Leave facility
- Maternity leave provision is there
- ESI facility available
- Group Insurance

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

23

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Appraisal system is in place . Faculties are encouraged to upgrade themselves by attending different seminars, Faculty development programme, webinar and short term training programme. There is adequate research facility available for the teachers to perform experiments as a part of their PhD research and to expertise in their area of research interest. Collaborative research is encouraged. Eminent person from industry and academia are invited to enlighten the students and faculties. Student feedback is also given importance. Regular feedback is collected and analysed.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The accounts of the institute is subject to internal as well as annual mandatory statutory audit for which purpose the Institute has appointed qualified Chartered Accountants to conduct the Annual Audit.

File Description	Documents
Paste link for additional information	https://bstpharmacy.in/audit-reports
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

12,575,055.00

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

At the meeting of the Governing Body of the Institute the detailed Annual Budget is placed by the Principal and each items mentioned therein is discussed in details .Thus the Planning and Development activities of the Institute initiates from the GB meeting wherein the Annual budget is placed for discussion and approval .

While approving the budget the Director/ Principal is directed to keep a close vigil on deployment of funds on each head and submit periodical reports at the to the subsequent GB Meetings for information of the members.

In the month of October / November of every year , the Gb members at their meeting revisit the progress and give their consent to the deviation if any, by way of approving a revised budget.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

1. Better facility for online learning by procuring standard Learning Management System Software (Great Learning) enabling better delivery of academic content to the students followed by digitalized evaluation process.
2. Initiation of coordination and cooperation with the Institute Alumni family. With a goal of registration of Alumni Association, conducting carrier oriented grooming classes for present UG and PG students , followed by training , internship and Placement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

They are:

1. Enhancing the ease of the online learning process. Providing live classes using online platforms. Impregnating the idea of using innovative teaching learning tools , LMS system for better interactive sessions for the students. As a result of it the Institute have made MOU with "Great Learning" as learning partner providing necessary facilities for digital learning. It provides the facilities of online class, attendance of live classes, facility for collecting online exams and assignments.
2. Started Sessions on Universal Human Values and Professional Ethics by the faculties trained at AICTE sponsored FDP-SI programs.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://bstpharmacy.in/naac
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Bengal School of Technology maintains an active, organized Women's Cell in the campus which comprises of faculties, non-teaching staffs and students. The cell organizes Health Camps in nearby villages and schools. Student sensitization programmes are carried out by the conduction of various Seminars and cultural programmes.

The Women's Cell of BST also sensitized their both first year Undergraduate and Postgraduate students during the orientation ceremony. Every year the International Women's Day is celebrated by conducting scientific seminars, lectures on gender equity, and cultural programmes that include performing arts like drama and

dance drama on themes related to women safety, gender equality, women empowerment and women progress in the world.

The Cell also organizes Free Rural Health Camps in the nearby villages to make the women of the village aware of Personal Health, Hygiene and Family Planning. Health Camps in the Secondary Girls Schools of villages are aimed to sensitize the girls regarding Health and Hygiene, Nutrition, Proper Use and Disposal of Sanitary napkins. Distribution of Sanitary napkins, Chocolates and food are also conducted in these Health Camps followed by the collection of feedback that consisted of different questionnaires.

The Women's cell also looks after the safety and security of girls by the creation of an active Sexual Harassment Cell to look into the concerned matters. A girls' common room is also present in the college as well as the hostel.

File Description	Documents
Annual gender sensitization action plan	https://bstpharmacy.in/admin/php/nacc/CRITERIA%20[GENDER%20EQUITY].pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://bstpharmacy.in/admin/php/nacc/CRITERIA%20[GENDER%20EQUITY].pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institution takes proper precautions for the management of wastes (both degradable and non-degradable). Various types of wastes produce are solid waste, liquid waste, and e-waste. For the management of solid waste, the institute has come to an agreement with the local panchayat (Sugandha gram panchayat) who collect and disposes of the solid waste and garbage as per the norms on a regular basis. The liquid waste generally non-hazardous is drained to the main drainage system of the panchayat. Use the e-waste which includes electronic devices like computers, are tendered to the scrap vendors as per required conditions.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

D. Any 1 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	E. None of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	B. Any 3 of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institutional efforts/initiatives in providing an inclusive environment

The students and employees of the college are sensitized by celebrating the Indian Constitution Day every year on 26th of November. A LIVE telecast of the reading of the Preamble in the Parliament is forecasted thereby sensitizing everyone present.

International Mother Language Day is also celebrated by the conduction of Essay Writing Competitions in their respective mother tongue in order to increase the awareness of their own culture, language and heritage.

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.

Birthdays of eminent personalities like Ishwar Chandra Vidyasagar, Dr. Sarvapalli Radhakrishnan are also celebrated with cultural programme by the students like group dance, song, recitation and

dance dramas.

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.

Festivals like Saraswati Puja and Viswakarma Puja are celebrated by worshipping idols and organization of the puja by the students and staff. Also, heavy lunch and blog with decorative pandals are arranged within the college premises.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

- Our college premises consists of hoardings which complies with the sensitization of employees as well as students regarding the values, rights, duties and responsibilities of citizens of India.
- The students and employees of the college are sensitized by celebrating the Indian Constitution Day every year on 26th of November. A LIVE telecast of the reading of the Preamble in the Parliament is forecasted thereby sensitizing everyone present.

- Also National Vigilance Week is celebrated with the conduction of sit and draw competitions, extempore and speech competitions thereby creating awareness regarding values, rights, duties and responsibilities amongst students and employees of the college.
- International Mother Language Day is also celebrated by the conduction of Essay Writing Competitions in their respective mother tongue in order to increase the awareness of their own culture, language and heritage.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://bstpharmacy.in/admin/php/nacc/CRITERIA%207%20[CONSTITUTIONAL%20OBLIGATION].pdf
Any other relevant information	https://bstpharmacy.in/admin/php/nacc/CRITERIA%207%20[EVENTS%20&%20FESTIVALS].pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

- 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.
- Birthdays of eminent personalities like Ishwar Chandra Vidyasagar, Dr. Sarvapalli Radhakrishnan are also celebrated with cultural programme by the students like group dance, song, recitation and dance dramas.
- 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 of Bengal School of Technology are organized. Cultural programme is organized for two days along with band performance, heavy lunch packets are distributed.
- 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.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Title: Systematic Upgrading of students.

Objective: With an objective of a holistic development of students both morally as well as academically is essential for the survival in the professional field. Thus it is the duty of the college to provide a systematic upgrading facility for the students so that he or she may survive latter in their profession. Thus along with the prescribed curriculum the students require extra guidance and moral mentoring so as to become a successful person.

Context : Systemic upgrading is brought about by

a. Good Teaching learning facility

b. Mentoring system The good teaching learning facility involves

- Good support of teaching staff with a balanced knowledge of industry and academics.
 - Standard learning aids to make the learning process more interactive.
 - Efforts given beyond the curriculum
 - Building an interface between professional experts and students.
- On the other hand mentoring system developed:
- Improve the teacher student relationship
 - Proper vigilance of the students
 - Taking up the important problems of the student to the higher authorities

- Providing a moral boost for the student

Practice : The college has tried to create an academic environment which presents a curriculum without prejudice to the fundamentals of any subject which are required.

- The curriculum offers courses like term paper, mini project, major project where the topics are self selected or based on guide suggestion. The component of self learning is evaluated in these courses.

- Every student has to submit a home assignment in every course which has been evaluated for 5 marks. Some of these tasks are beyond syllabus to encourage outstanding students to develop their self learning capabilities.

- The program planned weekly time table and facilities in such a way that the students have space and time to explore and implement their ideas.

- Computer Lab with well equipped and internet facility opened throughout college hours for students.

- College library with sufficient number of volumes on core and application areas, pharmaceutical and allied biomedical sciences awareness journals are opened during college working hours and students can access all kinds of journals and reference books. A robust mentoring system is developed at Bengal School of Technology and involves a monthly meeting between the faculty (Mentor) with the students. All aspects of the academic development of the students are noted and the improvement areas for each of the students are discussed. Number of faculty Mentors: 15 Approximate number of students per Mentor: 20±5 Frequency of meeting: Once in a month. (30 days) A faculty member (Mentor) is assigned for a group of 20±5 students to help them to clarify their doubts and improve their technical aspects of the courses. An information database of the students is maintained by each faculty mentor for specific details like

1. Information about the student.
2. Previous Record of the student (including exams cleared)
3. Academic Performance in the college
4. Competitive Examination details

5. Cocurricular activities The mentors meet the students periodically and review their performance in Sessional examinations, class tests and other academical activities. Guidance is given to the individual student with respect to their academic problems.

Evidence :

- Improved teacher student relationship.
- Improvement in students' attendance.
- Improvement of academic performance of the students.
 - Improvement in participation in extracurricular activities.
- General awareness about Ragging increased.
 - Improvement in Students' discipline.
- Improvement of self confidence of the students.

Problems encountered and resource required:

The collection and analysis of feedback especially from students is a mammoth task. Moreover the analysis involves concern of accuracy of results obtained. As a solution IQAC have decided to go for "Google Forms" with links shared to the students.

Best Practice: B

Title: Training and placement with IIPC (Industry Institute partnership cell)

Objective: The main motive or aim of a professional college is to train the students by exposing them to the work culture of the outside professional field followed by placing them in suitable jobs. A good institute not only places the students in a good position but also assure the sustainability and adaptation to profession.

Context :

- Providing industrial training necessary for a initial exposure to the would beprofession.
- Sustainability with the problems in the working environment.
- Hand on experience with the machinery tools and the environment of theindustry.
- Providing good placement as a door to be successful in the life.

Practice:

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 and upcoming pharmaceutical technologists to interact with professionals from various industries. It encourages visits tothe 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 students regularly visit the Pharmaceutical industries like Bengal Chemicals and Pharmaceuticals Limited, Dey's Medical Ltd, Martina Biogenics, Caplet India, Albert David Ltd., Pasteur laboratories Private Ltd, Gluconate Health IndiaLtd,

Strassenberg Pvt Ltd, Indian Drug Private Ltd, East India Pharmaceuticals Ltd, Palsons Derma, Diamond drugs, Stadmed Ltd. and Standard Pharmaceuticals. Outside the state the training has taken place at some major pharmaceutical companies such as Microlabs Ltd, Medophrma Pvt Ltd, Wockhardt Ltd, Hetero Drugs, Zydus Cadila, Alkem Ltd and Drakt International etc. for a first hand 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.

Evidence of Success:

The Institute is able to send students for Industrial training / Hospital training to the industries. All final year students for the given academic year had completed their industrial / Hospital training at least one or else some more than one. The students have gone for placement drive and have joined in Marketing, Production, Pharmacovigilance.

Problems encountered and resource required:

Due to current Pandemic situations Industrial training was difficult to be managed. Most of the plants were not allowing to do training. Thus as a solution College had driven for Hospital training at most.

File Description	Documents
Best practices in the Institutional website	https://bstpharmacy.in/admin/php/nacc/best%20practices.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Area of Distinctiveness

Area of Distinctiveness In accordance to vision of Bengal School of Technology (A College of Pharmacy) the students are encouraged to be

competent skilled Pharmaceutical human resource in order to meet up the dynamic challenges of Pharmaceutical Industry, Hospital Pharmacy, regulatory affairs under statutory organization.

Distinctive in goal and being part of the vision of the institution, college encourages student for novel ideas and leadership skills. With this context Institute focuses much on the technical training and upliftment of students. With collaborative efforts of Pharmaceutical Industry and Hospitals the Institute provides training to the students.

As an effort of better understanding the need for the carrier sectors the Institute organizes Webinars, Seminars and conferences.

For better learning environment and development of new knowledge skills for the faculties, Institute encourages faculties to take part in Faculty Development Programs.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- Conducting in-house training of Lab assistants with respect to instrument handling, GLP, SOP, and writing registers.
- Post covid normalization initiatives such as conducting offline classes and examinations by complying with all Covid 19 protocols as per directives of the Government.
- Conducting webinars and seminars as per current trends in Pharmaceutical technology.
- Registration of Bengal School of Technology Pharma Alumni Association.
- Procurement of new Machinery and equipment with a goal for the up gradation of laboratories.