



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		BENGAL SCHOOL OF TECHNOLOGY
Name of the head of the Institution		Dr.Pranabesh Chakraborty
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		03326866064
Mobile no.		9163321091
Registered Email		bstpharmacy@hotmail.com
Alternate Email		pchakraborty@rediffmail.com
Address		DELHI ROAD SUGANDHA, CHINSURAH, HOOGHLY
City/Town		CHINSURAH
State/UT		West Bengal
Pincode		712102
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr.Pranabesh Chakraborty
Phone no/Alternate Phone no.	03326866064
Mobile no.	9163321091
Registered Email	pchakraborty@rediffmail.com
Alternate Email	bstpharmacy@hotmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://bengalschooloftechnology.org/naac_document">http://bengalschooloftechnology.org/naac_document</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://makautwb.ac.in/page.php?id=229">https://makautwb.ac.in/page.php?id=229</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.29	2017	30-Oct-2017	29-Oct-2022

<b>6. Date of Establishment of IQAC</b>	22-Apr-2016
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
A Workshop on Bloom's Taxonomy- MAR and MOOCS	12-Mar-2021 1	207
Implementation of Courses beyond the syllabus	24-Apr-2019 1	13

though MOOCS.		
Up gradation of file management system for chemical stores with the proposal for the purchase of sophisticated instruments	08-Dec-2018 1	8
Incorporation of Digitalization process for the management of College using ERP System.	14-Aug-2018 1	8
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>No Data Entered/Not Applicable!!!</b>				
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

1.Establishment of samrt class rooms , promoting ICT for interactive learning sessions. 2.Intiating integrated management system by procuring ERP software 3. Intiating , registration of NPTEL courses promoting learning special skills and knowledege beyond the radar of syllabus. 4. Compilation and compliance with the NBA Audit

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Preparing the submission of SAR , UPGRADED by NBA, sucessfully compiling and facing the accreditation process with necessary preperations.	Submission of NBA SAR and succeseive facing of NBA , Procurements of necessary equipments as a requirement of NBA.
Requirement of involving students in courses beyond the syllabus	Incorporating MOOCS , registration for NPTEL with Dr. Biswajit Basu selected as the local chapter
Intergration of management process digitally for academic and non academic duties of the Institute.	Procurement and establishment of ERP based software.
Promotion of Digital Learning environment for better interactive learning sessions using ICT	Establishment of of Smart classrooms using ICT .
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	11-Oct-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	23-Feb-2019
17. Does the Institution have Management Information System ?	No

**Part B**

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

As per the University curriculum, before initiation of the classes' senior faculty from each department have a careful conversation with the Principal in regards to the subject assignment as for the endorsed schedule and number of hours. After the subject distribution, schedule is set up with the assent of Principal and displayed in the faculty room notice boards. The equivalent is

implied to the subject instructors through inward roundabout. After distribution of the time table, the concerned faculty is told to present the projected exercise plan for the individual subjects by preparing a proposed lesson plan. The proposed lesson plans are additionally circulated among understudies. Simultaneously the practical classes are conducted. The dates for slot examinations are decided by the Examination Cell Committee comprising of Director, Principal, Officer-in-Charge (Examination Cell) and some senior faculty. To enhance the effectiveness of teaching-learning, the faculty members are instructed to use interactive teaching skills i.e PPT presentations, live videos, models, etc. Faculties are instructed to intimate the source of material to the students (text books, internet, journals, e-books, etc). Subject course files are made accessible in the examination cell for the reference of educators. From the current academic year, the University introduced the Massive Open Online Courses (MOOCs) creating an excellent opportunity for students to acquire the necessary skill set for employability where the rare expertise of world famous experts from academics and industry are available. Mandatory Additional Requirements for earning UG Degree was also introduced by the University. Customary viva-voce is directed in the practical classes and the marks are recorded. The marks for the internal practical are allotted on the basis of performance, involvement and viva. The marks for consolidated lab attendance are added towards the culmination of the semester. Prior to about two weeks of the slot examination, the faculties are notified to submit the question paper in the examination cell. The internal question paper assessment committee decides a mutual date for the evaluation of questions. Slot examinations are conducted adhering to the prescribed time slot by the University. The evaluation of slot answer sheets is done within one month from the end of slot exam and the marks are displayed in the notice board. If any student fails to appear the slot examination due to some valid health reasons, then he/she is permitted to appear for special slot examination with the permission of the Principal and head mentor. The University notifies the date of the main practical and end semester examinations. Accordingly the examination cell makes all necessary arrangements for smooth conduction of practical and theory examinations. After the publication of end semester results, the semester wise results are analyzed and documented by the examination cell. Based on the University's notification towards Post Publication Scrutiny (PPS) or Post Publication Review (PPR), the interested students can apply for the same. The weaker category of students is identified and special classes are conducted for them. Student and teacher feedback is taken for the effective delivery of the course curriculum.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	Nil	0	NIL	NIL

**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
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BPharm	PHARMACY	01/08/2018
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1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	Nil	Nil
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BPharm	PHARMACY	125
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### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

Feedback Obtained
<p>STUDENTS Standard feedback format questionnaire is collected from the students every semester in a course wise manner. The forms are analysed. All the comments written by the students in the feedback forms are communicated to the respective faculty members along with their feedback levels to know their strengths and weaknesses and to enhance their teaching skills. Percentage of students participating: 80 - 100 • The feedback analysis is done manually. • All the parameters mentioned in the feedback form have been analysed based on scoring. • Ability of teaching with respect to each item and comprehensive ability of the teachers are analyzed. • A grading system of A (Excellent), B (Very Good) and C (Good) having corresponding weightage of 3, 2, and 1 respectively is followed for the feedback analysis of students. • Basis of reward / corrective measures, if any: Faculty members who get average feedback below 75 are identified. Also the faculty members who get average feedback of 75 or above 75 are appreciated at the faculty council meetings. For the session 2018-2019, 96 of the faculties scored above 75 and was appreciated for their performance. Remaining faculty member were identified with an average percentage below 75 and were intimated regarding their performance in the Faculty Council meeting and were further advised to improve their teaching skills through innovative teaching- learning process. A questionnaire has been designed for stake holders (students, faculty and parents) for their feedback on facilities which is taken annually. STAKE HOLDERS REMARKS (2018-2019) IMPROVEMENT OF SEMINAR HALL AND CLASSROOMS BUILDING IMPROVEMENTS IN THE CAMPUS</p>

LIBRARY COMPUTER CANTEEN SPORTS Students Excellent Very Good Good Very Good  
 Good Excellent Faculty Excellent Excellent Excellent Excellent Very Good  
 Excellent Parents Excellent Very Good Very Good Very Good Good Excellent  
 REMARKS EXCELLENT 90-100 VERY GOOD 80-90 GOOD 60-80 AVERAGE 40-60 BELOW AVERAGE  
 20-40 • ALUMNI FEEDBACK: Likewise, a feedback form has also been prepared for  
 the Alumni questioning about their job experiences, suggestion regarding  
 improvements in the college and the values acquired by them from the college.  
 Based on their suggestions, we have opted various measures. Seminars on  
 Intellectual Property Rights and Pharma Professionals from industries often  
 visit our college to give lectures and to make students more familiar to the  
 industry environment. Special measures have also been taken to improve  
 communication skills of the students. • EMPLOYER FEEDBACK: Feedbacks are taken  
 from the industry representative regarding performance of our students about  
 his/her knowledge, skills, sincerity and punctuality about the work. These are  
 taken in terms of scale of good, best, poor, average. The feedbacks received  
 regarding communication skill, personality development are overcome by  
 arranging guest lecturers, training programs etc.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MPharm	PHARMACOLOGY	18	Nil	11
MPharm	PHARMACEUTICS	18	Nil	18
BPharm	UNDER GRADUATE	105	Nil	105
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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	455	46	18	1	22

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
41	40	13	1	2	3
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#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

A robust mentoring system is developed at Bengal School of Technology and involves a bi-monthly meeting

between the faculty (Mentor) with the students (Mentee). All aspects of the academic and non-academic development of the students are noted and the improvement areas for each of the students are discussed. Number of faculty Mentors: 20 (B.Pharm) Approximate number of students per Mentor: 20 students Frequency of meeting: Twice in a month. (30 days) A faculty member (Mentor) is assigned for a group of 20 students to help them to clarify their doubts and improve their technical and non-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. Co-curricular activities The mentors meet the students periodically and review their performance in sessional examinations and other academics activities. Guidance is given to the individual student with respect to their academic problems. Student Guidance and Career Counselling Faculty members of the institute handling different courses interact, with students - 1. Clearing their entire concept related and typical examination question related doubts. 2. Offer all round guidance for the holistic development of the students. 3. Counseling for choice of career (academic, industry, government jobs, research). Impact of the System: 1. The mentoring system has facilitated all round development and helped students to choose career. 2. The mentoring system has also reduced the distance between the students and faculty members and helped faculty to understand the difficulties faced by the students. 3. The mentoring system has also helped to resolve doubts and deficiency of individual students on curriculum related topic MENTOR LIST (2018-2019) EVEN SL.NO. NAME OF MENTOR ROLL NO. 1ST YEAR 01 Dr. Sudip Kumar Kar 12-32 02 Mr. Om Prakash Panda 33-53 03 Ms. Saibal Chandra 54-74 04 Mrs. Sashmita Das 75-95 05 Mr. Abhijit De 96-116 2nd YEAR 01 Dr. Kazi Asraf Ali 08-32 02 Ms. Dishari Dutta 33-57 03 Ms. Sudipta Roy 58-82 04 Mr. Durgesh Ranjan Kar 83-107 05 Dr. Anandamoy Rudra 108-Rest 3RD YEAR 01 Dr. Paramita Dey 13-38 02 Mr. Atanu Chatterjee 39-63 03 Mr. Sougata Mallick 64-88 04 Mr. K.H.Reza 89-114 05 Mr. Raja Majumder 115-Rest 4TH YEAR 01 Mr. Biswanath Ghosh 01-25 02 Mr. Dharmajit Pattanayak 26-50 03 Dr. Hriday Bera 51-75 04 Mr. Ayon Dutta 76-100 05 Mr. Amit Samanta 100- Rest

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
553	30	1:18

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
33	41	Nil	12	13

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	NILNIL	Nil	Nil
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## 2.5 – Evaluation Process and Reforms

### 2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

To evaluate the performance of students, the CIE is classified under two heads:



time dependent evaluation and time independent evaluation. Two Slot examinations have been conducted each of 25 Marks. Time independent evaluation includes assignment from each prescribed subject. Internal question paper assessment committee (IQPAC) suggested implementing the Bloom's Taxonomy in the time dependent evaluation question paper. Accordingly, the Officer-in-charge, Examination cell and two senior faculty members were nominate to attend a workshop on Bloom's Taxonomy conducted by AICTE. Bloom's Taxonomy manual for drafting the question paper was designed and all the faculty members were trained by conducting internal workshop on Bloom's Taxonomy. With the approval of IQAC and examination committee, the Bloom's Taxonomy was implemented from the even semester of the academic year 2018-19.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

As per the University academic calendar, the college examination committee prepares a planned college calendar. The tentative dates which are decided by the committee is notified to the PG UG students through the notice circulated and displayed in notice boards. As prescribed by the University the internal test slot I and II examinations were conducted during the time slot mentioned by the University. The Main practical examinations were conducted as per the proposed academic calendar and instructions from MAKAUT, WB. Total course curriculum for the academic year 2018-19 is divided in to two semesters (Odd Even Semester). Slot I II examination for the odd semester were held from 11th to 13th September 2018 1st to 3rd November 2018 respectively. The main practical examinations were held from 28th November to 5th December 2018. The main semester Examinations were held from 7th to 20th December 2018. In the same pattern the course curriculum for the even semester for the academic year 2018-19 was prepared and followed accordingly. Slot I II examination for the even semester were held from 14th to 16th March 2019 07th to 10th May 2019 respectively. The main practical examinations were held from 14th to 24th May 2019. The main semester Examinations for UG and PG commenced from 28th May and ended on 17th June 2018.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://bengalschooloftechnology.org/admin/uploads/curriculum/5.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
202	MPharm	PHARMACOLOGY	7	7	100
203	MPharm	PHARMACEUTICS	18	18	100
019	BPharm	PHARMACY UNDERGRADUATE	136	125	92

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

### CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nil	0	NIL	Nil	Nil
No file uploaded.				

#### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL
No file uploaded.				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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#### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	PHARMACY	8	1.34
International	PHARMACY	5	0
No file uploaded.			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
PHARMACY	1

No file uploaded.

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
<a href="#">View File</a>						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Nil	Nil	Nil	Nil	Nil
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### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Maintenance of Medicinal Plant Garden	Bengal School of Technology	5	120
Tree Plantation	Bengal School of Technology	5	40
Health Check up	Apollo Telemedicine Networking Foundation	25	400
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	0	NIL	Nil
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Celebration of International Womens Day	West Bengal Commission for Women and Bengal School of Technology	Gender awareness- Press for Progress, Cultural activity, seminars	15	365
Personal Hygiene and Family Planning Awareness Camp	Women's Cell- Bengal School of Technology	Outdoor Awareness camp	10	150
Swachh Bharat	NSS- Bengal School of Technology	Cleaning of roads and garden of the college premises	5	250
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### 3.5 – Collaborations

#### 3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NIL	0	00	Nil
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#### 3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Post Graduate Research Work	KERATIN BIOMATERIAL FROM BIO-WASTE FOR HAEMOSTATIC APPLICATION	CSIR- Indian Institute of Chemical Biology, Kolkata	01/08/2018	31/05/2019	ASHMITA MUKHERJEE
Post Graduate Research Work	3D SODIUM ALGINATE HYDROGELS INCORPORATED WITH HONEY-GHEE MIXTURE FOR WOUND HEALING APPLICATION	School of Medical Science and Technology, Indian Institute of Technology, Kharagpur	01/08/2018	31/05/2019	AYAN GOPE
Post Graduate Research Work	PROCESS DEVELOPMENT AND VALIDATION OF OLMESARTAN	CAPLET (INDIA) PVT. LTD, Kolkata	01/08/2018	31/05/2019	BIPLAB KOLEY

MEDOXOMIL

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
United Laboratories India PVT Limited, 29 Manna	25/03/2019	Student's training and Placement, Research and	Nil
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**CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES****4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
4000000	3482839

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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**4.2 – Library as a Learning Resource**

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
LIBSYS	Partially	WINDOWS /LSEASE	2017

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
<b>No Data Entered/Not Applicable !!!</b>			

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil
No file uploaded.			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	118	55	32	55	55	7	27	32	30
Added	2	0	19	0	0	0	1	0	0
Total	120	55	51	55	55	7	28	32	30

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

30 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nil

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
500000	417978	75000	25593

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Laboratories • The laboratory is the heart and soul of any pharmaceutical institute. Much emphasize 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 and equipment with individual unique ID. • All the machines are provided with a well defined SOPs upgraded depending upon the requirements. • Dedicated laboratories for defined practical classes conducted as per Syllabus of the affiliated university (Mualana Abul Kalam Azad University of Technology). • Good documentation practice is maintained in individual labs including, Job Cards, Chemical Registers, Instrument Registers, Movement Registers. • The Laboratory manuals are maintained for the practical conducted in specific laboratory. Central Instrumentation Facility (CIF) Central Instrumentation Facility The Central Instrumentation Facility of the

Institution houses the sophisticated and high-valued equipment under air-conditioned setup. The different instruments available at the CIF are • High Performance Liquid Chromatography (HPLC) with Computerised analysis facility from world renowned Agilent Technologies Ltd Double beam UV-Vis Spectrophotometer (UV 1800) from the Shimadzu Corporation and LAB INDIA. • Ultra high speed Cooling Microcentrifuge • Electrophoresis Apparatus with power conditioner • Digital Analytical Balances • Fourier Transformed Infra-Red Spectroscope with ATR (FTIR-ATR) • Bio analyzer and binocular microscope Class Room • The class rooms are well-lit, airy and spacious with comfortable sitting arrangements. • The special smart rooms are equipped with audio-visual teaching aids to make the teaching-learning process more interesting and to create a visual impact in the minds of the students. • The students are encouraged to interact with the teachers inside of the classrooms and outside of the classrooms to enjoy the benefits to a two-way communication. • Separate language lab facility for upgrading students in their communication skills. Library • The library provides 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 members. • The institute has a voluminous Library with latest books, periodicals, journals covering all aspects of Pharmacy and resourced with a wide collection of volumes on each subjects upgraded at a regular basis. • The Research Section is rich and provides access to wide range of database used in project works and assignments. • Students can also avail reprographic services from the library. Library is automated Integrated with partial automation. • Library Management System (ILMS), namely Libsys, is under operation. The Library is also provided with digital OPAC system for easy accesibililty of books by the student. IT Facilities BST has 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 Pentium based machines, broadband internet access facilities.

<http://bengalschooloftechnology.org/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
<a href="#">View File</a>			

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
nil	Nil	Nil	Nil
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GPAT	15	136	11	126
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	11
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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## 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for	Number of awards for	Student ID number	Name of the student
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			Sports	Cultural		
2018	1ST Position	National	Nill	1	19320318 018	Anal Mondal
2018	1st Position	National	Nill	1	19301916 056	Ritu Majumder
2019	PARTICIP ATION	National	Nill	1	19301916 056	Ritu Majumder
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

3

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The decentralization process has been started in the institution since a long time and proper administration has been monitored through the execution of various existing committee. Meeting are conducted regularly and minutes have been taken into serious consideration. This process of decentralization ensures that all academic and non-academic activities of college are organized and maintained by group of faculties, non-teaching staff and student representatives, so that working is decided by a particular group in concern. This method of delegation of power helps the authority to develop the work culture of the college and ensure professional development of the employees. Another decentralization process includes formation of IQAC cell and members actively participate in discussion and execution of resolutions taken. IQAC has the freedom to initiate and alter working of committees, academic and non-academic activities. IQAC members meet at regular interval to bring in qualitative change in the working of the Institute. The different committees

are as follows: 1. Faculty Council Committee 2. Admission Committee 3. Examination Cell 4. Training and Placement Cell 5. Research and Development Committee 6. Industry Institute Partnership Cell 7. Library Committee 8. Institutional Animal Ethical Committee 9. Cultural and Sports Committee 10. Entrepreneurship Development Cell 11. Social Service Cell 12. Anti-ragging committee and Squad 13. Women's Grievance Cell 14. Women's Sexual Harassment Prevention Cell (Internal Complain Committee) 15. Magazine and Publication Committee 16. Purchase Committee 17. Welfare Committee 18. SC/ST Committee 19. Class Coordinator/ Mentoring Committee 20. Museum and Medicinal Plant Garden Committee 21. Website Committee/ Publicity Committee 22. Grievance and Redressal Committee 23. Hostel Committee Boy's Hostel Committee Girl's Hostel Committee 24. Cleaning Committee 25. Routine Committee 26. Canteen Committee

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	E- Counseling Cell is made available to students qualifying JEE examination. Admission cell visits different educational fair and motivate students to study Pharmacy and develop the profession. Tuition fee Weaver scheme is in place.
Industry Interaction / Collaboration	Experts from Industry regularly visit college and share their wisdom through seminars. Memorandum Of Understanding with companies are used to establish relationship. Successful Entrepreneurs visit the institute to create awareness during E- week. Industrial experts enlighten the students about the job prospect in various departments of Pharmaceutical industry. Industrial training is provided to the students.
Human Resource Management	Recruitment process is followed by advertisement in college website, local and national newspaper. Proper committee is constituted and based upon committee's decision faculties are recruited. The recruitment committee constitutes faculties having good experience and research knowledge in their specialized subjects. Leave facility is provided and maternity leave is also provided to the female faculties in need. Adjustment of duty is facilitated. Medical leave can also be taken up by the faculties when ill.
Library, ICT and Physical Infrastructure / Instrumentation	The college continuously strives for improvement and thus, a huge collection of books are present in the library. The library also has wifi facility/

	<p>internet connection in the computers present inside Library. The students avail the presence of internet and update their knowledge. The purchase committee meets on regular basis to procure the required instruments to accelerate the research process.</p>
<p>Research and Development</p>	<p>Peer reviewed Journals are subscribed each year to help students and faculties to excel in research activity. Collaborative research is practiced. Collaboration between different laboratories is encouraged to enrich the quality of student project work. The well- developed inventory of chemicals help in smooth conduct of experiments. Sophisticated instruments are available to analyze samples. Animal ethical committee approve proposals and only allowed proposals are permitted to do research involving animal.</p>
<p>Examination and Evaluation</p>	<p>.The institution is affiliated to MAKAUT, WB. The college follows the examination guidelines framed by the University. The college plans for the internal test slot after discussion in examination committee of the college. The date for the internal test slots is notified to all faculty students. A minimum of 2 internal test slot examination is conducted in a semester. Internal circular for framing the Question Papers (based on Blooms Taxonomy) is notified. The answer sheets are evaluated and the marks are displayed in the college notice board. The marks for the Internal practical examination are based on practical record writing, day to day performance and viva. All the marks are entered in the university online portal before the prescribed cutoff date.</p>
<p>Teaching and Learning</p>	<p>Lesson plan-Teachers prepare lesson plan according to the routine and academic calendar. GPAT-Students are encouraged to do higher studies. Students register and take up GPAT . College provides extra guidance for scoring good percentile in GPAT. English Delivery- Students face problem in understanding English as they mostly come from schools instructing in local languages. Language lab has been setup to improve their English speaking and writing capacity. Audio And Visual-Classrooms have projector facility and</p>

faculties are encouraged to deliver lecture in smart class where audio and visual aspects can be incorporated in teaching learning process. Assignments and Powerpoint presentation- University has implemented continuous assessment where assignments are also included. This helps students to develop their presentation skills and broaden their knowledge arena. Chemical Models- Teacher from the chemistry department use model to improve their chemical knowledge about the structure of compound and their relationship with biological activity . Herbarium and medicinal plant garden- Herbarium helps the students to identify plants with medicinal property by observing their morphology. The college has good herbarium collection. There are two medicinal plant gardens in the college campus with variety of medicinal plant sourced from reliable institutes. Museum- The college has a well maintained museum. The teachers demonstrate the models present in the museum which helps the students to conceptualize the matter. Attendance Monitoring-Students are monitored at regular interval and assured that they attend college regularly.

Curriculum Development

Pharmacy Council of India has revised the B.Pharm syllabus from the year 2017. The syllabus is reviewed by the University affiliated.(Maulana Abul Kalam Azad University of Technology). College has appointed MOOCS incharge, to make the students interested and aware of online courses from NPTEL,CEC and Coursera. Students have actively undergone different online courses and have successfully completed the course. Faculties have helped the students with their knowledge and time, to assimilate the teachings from online courses. Mandatory Additional Requirement activities has been introduced in the Curriculum by the University, apart from this college encourages participation in NSS activities.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	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. However, following the induction of the web based ERP system for other areas of operations of the Institute, it has been decided to extend the e-governance mechanism to the functions of budgetary control as well

Administration

The Institute has inducted a system of E- Governance for better assimilation and control of the Administrative functions . The system covers the entire gamut of administrative functions of the Institute.Viz. Human Resource Management including employee appointments ,leave applications and maintain leave reports, attendance of the Teaching and Non- Teaching members , employee pay slips, assessment and increments/promotion of employees. The other areas covered by the systems are students attendance, student registration, compliance of university regulations pertaining to the students , selection of elective subjects, internal exams sending marks thereof to the university etc.

Finance and Accounts

The system provides a total package for conducts and control of the entire Accounts and Finance related functions like preparation of payroll, Professional / Income Tax computation, PF / ESI deduction and maintenance of proper records and Registers, generation of Semester and other fee of the students, Hostel Fee records, general leger ,cost center ,bank accounts , receipt -payment vouchers payment of bills, records of each cost center , bank reconciliation, group insurance , insurance of the assets of the institute and moreover keeping

	tracks on the entire Accounting and Financial activities of the Institute.
Student Admission and Support	E-Counseling is facilitated at the institution, by providing assistance. Students can electronically transfer admission fee through NEFT. Printer facility is made available to the students while getting admission. Admission helpline numbers are made available through college website. Facilities available at the college, is made available to the aspiring students through the college website.
Examination	Internal Theory and Practical examination are conducted in the institute as per the MAKAUT, WB norms. Marks are entered in the university online portal within the cut of date. End semester question paper is received from the University through proper channel on the day of examination. All the question papers are stored in the strong room of the examination cell under CCTV surveillance. Practical and Viva Voce Examination Marks also entered in the Online Portal on the day of exam. The examination forms are filled online by the students. University also follows Online Script Valuation and mark entry using software

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Ms. Dishari Dutta	Conference on molecular mechanism of Diseases and Novel therapeutic approaches	IAPST	2500
2019	Ms. Sudipta Roy	Conference on molecular mechanism of Diseases and Novel therapeutic approaches	IAPST	2500
2019	Mr. Souagta Mallick	Conference on molecular mechanism of	IAPST	2500

Diseases and Novel therapeutic approaches

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Nil	Staff Up gradation program	19/07/2018	19/07/2018	Nil	3
2018	Nil	Staff Up gradation program	15/11/2018	15/11/2018	Nil	4
2019	Nil	Staff Up gradation program	17/06/2019	17/07/2019	Nil	3

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
NIL	Nil	Nil	Nil	0

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
12	Nil	2	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Contributory Provident fund provision 2. On-Duty leave provision for faculties. 3. Flexi timing for medical reason 4. Maternity leave provision for female faculties. 5. Provision for PhD research	1. Earn Leave facility 2. Maternity leave provision is there	1. Tuition fee waiver as (TFW) facility is given to students who are eligible for the same. 2. Tutorial classes are provided for weaker students. 3. GPAT Coaching classes are conducted for students aspiring for higher education. 4. Gym

facility is available for both boys and girls.

## 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

10024323

## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Experts from prestigious institute	Yes	IQAC
Administrative	Yes	AICTE,PCI,M.A K.A.U.T	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parents- Teacher meetings are held every semester. Parents are informed about the new initiatives taken up by the higher authority for better management and education. Feedbacks from parents are documented.

6.5.3 – Development programmes for support staff (at least three)

Skill upgradation programme are conducted each year to professionally develop support staff. The topics are related to their job responsibilities at college particular handling of chemicals, maintenance of the same.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Establishment of smart class rooms , promoting ICT for interactive learning sessions. 2. Initiating integrated management system by procuring ERP software 3. Intiating , registration of NPTEL courses promoting learning special skills and knowledge beyond the radar of syllabus.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes



## 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Incorporation of Digit alization process for the management of College using ERP System.	14/08/2018	14/08/2018	14/08/2018	8
2018	Up gradation of file management system for chemical stores with the proposal for the purchase of sophisticate d instruments	08/12/2018	08/12/2018	08/12/2018	8
2019	Implementa tion of Courses beyond the syllabus though MOOCS.	24/04/2019	24/04/2019	24/04/2019	13
2019	A Workshop on Blooms Taxonomy- MAR and MOOCS by Mr. Dharmajit Pattnayak, Assistant Professor, Bengal School of Technology, Sugandha, Ho ghly-712102	12/03/2019	12/03/2019	12/03/2019	207
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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants
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			Female	Male
A HEALTH AWARENESS CAMP ON "PERSONAL HYGIENE AND FAMILY PLANNING"	26/03/2019	26/03/2019	100	15
Seminar on "Women and society in 21st century"	20/03/2019	20/03/2019	245	105

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources The process of installing LED and CFL bulbs is being taken up Awareness is created to save energy, by inspection and by placing stickers near switch board to switch off the power source. Campus has 125 KVA generators for power backup Centralized tanks are put up to reduce the water wastage Standard electrical fittings are used to save power.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	1	04/01/2019	1	Plantation of tree	Increase the greenery of the area surrounding	43
2019	Nil	1	10/01/2019	1	Cleaning of the surrounding (Under swachh Bharat In	Increasing the awareness of Cleanliness and hygiene .	25

					tiative)		
2019	Nil	1	28/01/2019	1	Plantation of tree	Increase the greenery of the area surrounding	14
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Human Values and professional ethics at Bengal School of Technology (Revised) 10/01/ 2019 To follow up human values and professional ethics involve dactivities on - Gender equality, women upliftment, health checkups for catering responsibility towar	10/01/2019	To follow up human values and professional etheics involve dactivities on - Gender equality, women upliftment, health checkups for catering responsibility towards society. The faculties and students are encouraged to participate in various professional upliftment programmes.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Upgradation programme on Universal Values and Ethics	10/01/2019	10/01/2019	27
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<ul style="list-style-type: none"> <li>• The greenery on the campus is well maintained.</li> <li>• Herbal garden having important medicinal plants is being maintained.</li> <li>• Big herbal garden with different varieties of medicinal plant is maintained under the supervision of experienced faculties from the department of Pharmacognosy.</li> <li>• Old big trees within the campus are being spruced regularly. A Gardener is appointed for the care and upkeep of greenery of the campus.</li> <li>• The campus area is being maintained as plastic free zone.</li> </ul>
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**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

<p><b>Best Practice A:</b> 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 better in their profession. Thus alongwith the prescribed curriculum the students require extra guidance and moralmentoring 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</p>
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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. Co-curricular 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. 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 world of profession. • Sustainability with the problems in the working environment. • Hand on experience with the machinery tools and the environment of the industry. • 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 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 students regularly visit the Pharmaceutical industries like Bengal Chemicals and Pharmaceutics Limited, Dey's

Medical Ltd, Martina Biogenics, Caplet India, Albert David Ltd., Pasteur laboratories Private Ltd, Gluconate Health India Ltd, 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, Medopharma Pvt Ltd, Wockhardt Ltd, HeteroDrugs, Zydus Cadila, Alkem Ltd and Drakt International 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.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

[http://bengalschooloftechnology.org/admin/uploads/mandatory\\_disclosure/3.pdf](http://bengalschooloftechnology.org/admin/uploads/mandatory_disclosure/3.pdf)

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

**Area of Distinctiveness** In accordance to vision of Bengal School of Technology (A College of Pharmacy) the students are encouraged towards Entrepreneurship. Distinctive in goal and being part of the vision of the institution, college encourages student for novel ideas and leadership skills. With this context College has collaborated with "WADWANI FOUNDATION" for imparting necessary training and knowledge for the start up. Being part of MOU with WADWANI FOUNDATION some of our faculty members are trained who further imparts or provide induction of the knowledge to students in college. Motivational classes are also organized to support students for their novel thoughts and idea. With the view of such initiative every year "E-WEEK" celebrated. This generally involves various program involving, seminars, debates, discussions. This is generally done to propagate marketing and leadership skills with financial sensitivity.

Provide the weblink of the institution

[http://bengalschooloftechnology.org/admin/uploads/mandatory\\_disclosure/2.pdf](http://bengalschooloftechnology.org/admin/uploads/mandatory_disclosure/2.pdf)

### 8. Future Plans of Actions for Next Academic Year

The enhancement and up-gradation of quality is never-ending process. There is always a scope for enhancement of quality in order to keep the developmental process at a pace stepwise. Based on this preview we set up the future plan of the institute for the next academic year. 1. Successfully undergo the accreditation process of NBA and uplift the Institute accordingly 2. Promoting space for Digital Learning environment for better interactive learning sessions using ICT tools. 3. Enhancement of student and faculty involvement to the MOOCs: NPTEL Online Courses. 4. Initiates interactive sessions on Universal Human Values and Professional Ethics for UG fresher students as a part of orientation program. 5. Initiate online digitalized feedback mechanism. And other processes by using "Google Form"