6.5.2

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the

National Assessment and Accreditation Council

on the recommendation of the duly appointed

Peer Team is pleased to declare the

Bengal School of Technology

Sugandha, Chinsurah, Dist. Hooghly,

affiliated to Maulana Abul Kalam Azad University of Technology,

West Bengal as

Accredited

with CGPA of 2.29 on seven point scale

at B grade

valid up to October 29, 2022

Director

Date : October 30, 2017

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

EC(SC)/28/A&A/180.1

Date: 04-07-2019

File No. 36-65-2016-NBA

To,

The Principal
Bengal School of Technology,
Sugandha, Delhi Road,
Chinsurah, Hooghly-712102.,
West Bengal

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

Sir,

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

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

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

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

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

Contd../-

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

5.   The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to Bengal School of Technology, Sugandha, Delhi Road, Chinsurah, Hooghly-712102., West Bengal as a whole. As such the Institute should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6.   The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the Table in paragraph 2, appears on the website and information bulletin of your Institution.

7.   The accreditation status awarded to the program as indicated in Table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8.   A copy each of Report of Chairman of the Visiting Team and Evaluators' report in respect of the above program is enclosed.

9.   If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,
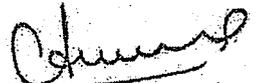
(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.

2. Copy of Expert Report of the Visiting Team.

Copy to:
1. The Registrar
    Maulana Abul Kalam Azad University of Technology, West Bengal,
    (Formerly Known as West Bengal University of Technology)
    BF 142, Sector 1, Salt Lake City,
    Kolkata-700064, West Bengal

2. Director Technical Education
    Dept. of Technical Education & Training
    Govt. of West Bengal
    Bikash Bhawan, 10th floor, East Block
    Salt Lake City, Kolkata-700 091, West Bengal

3. Master Accreditation Folder of the State

4. Accreditation File

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102. .V.B.

BENGAL SCHOOL OF TECHNOLOGY

(Courses offered: B. Pharm, M. Pharm (Pharmaceutics), M. Pharm (Pharmacology)
Approved by PCI & AICTE, Affiliated to MAKAUT
Accredited by NAAC, Accredited by NBA for B. Pharm
Sugandha, Delhi Road, Near Chinsurah RS, Hooghly-712 102, West Bengal
Phone: 033 26866064/4913, Telefax: 03326864281,
E Mail: bstpharmacy@hotmail.com Website: www.bengalschooloftechnology.org

Date: 03 .06.2022

MINUTES OF IQAC MEETING

Meeting No. -19

Minutes:

The IQAC co-ordinator, Dr.Dey, started the discussion according to the prescribed agenda.

Agenda: Committee formation and preparation of CO, PO attainment

The last meeting minutes stand approved.

- Review and discussion on CO,PO attainment
- Brief discussion over the mission and vision of the institute
- Discussion on evaluation of CO,PO according to which for a particular session CO of a particular subject will be calculated based on following criteria
  - 40% and above students securing 40% marks will get 1 mark
  - 70-79% of students securing above 40% marks will get 2 mark
  - 80% or above of the students securing 40% marks will get 3 mark
- Now finally CO of both external and internal examination of particular session subject wise were calculated as
  - 30% of internal examination
  - 70% of external examination
- Based on CO's PO attainment was calculation was carried out on the basis of CO-PO mapping ,this gives us the direct attainment
- Indirect attainment was calculated from subject wise feedback
- Finally PO attainment was calculated based on
  - 80% of direct attainment
  - 20% of indirect attainment
- A committee was formed consisting of following members

  For 1st year: 1. Mr Ayon Dutta
                 2. Mr Kausik Bhar
                 3. Mrs. Trisha Chatterjee

  For 2nd year: 1. Mrs.Dishari Dutta
                 2. Dr.Raja Mazumdar
                 3. Dr.Biswajit Basu

  For 3rd year: 1. Dr Paramita Dey
                 2. Mrs.Sudipta Roy
                 3. Mrs.Sasmita Das

  For 4th year: 1. Mr K.H.Reza
                 2. Dr.Sudip Kumar Kar
                 3. Miss.Joyeeta Maity

And so the meeting was concluded by vote of thanks.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

1

Date: 12 .02.2022

MINUTES OF IQAC MEETING

Meeting No. -18 [1st Quarterly Meeting of 2022]

Minutes:

The IQAC co-ordinator, Dr.Dey, started the discussion according to the prescribed agenda.

Agenda 1: Confirmation of the minutes of the last IQAC meeting.

The last meeting minutes stand approved.

Agenda 2: Action taken report.

1. Online Submission of NAAC AQAR for the session 2021-2022 was done on 28th December 2021.
2. New Tablet compression machine for Research and Post graduate students has been procured.
3. Concrete pathway leading to the medicinal plant garden was complete by the month of February 2022.
4. BST Pharma ALUMNI Associassion Registration process has been completed along with the committee formation and other requirements.
5. Insect killer installation in the Animal House of BST will be done as soon as possible.

Agenda 3: Activity planner for the forthcoming events

1. In-house Faculty Development Programme on "Quality Audit and Accreditation Processes" should be resumed offine.
2. Dr. Raja Majumder was requested to conduct more training sessions offline for the Laboratory Assistants as it got stopped due to COVID-19. Certificates should be given both to the participants as well as the speaker. Evaluation process should be MCQ type questions.
3. Full fledged offline classes should be resumed both for Theory and Practical maintaining all the COVID protocols.
4. BLOOMS TAXONOMY workshop should be conducted for all faculty members.
5. Organization of International Women's day, Annual Sports Meet, Health Camp, 2 days Cultural programme- INFERNO 2K22 will be planned and conducted involving the students in the college premises.
6. Village surveys will be resumed along with Health Camps under the Unnat Bharat Abhiyan scheme involving students of the college.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

1

BENGAL SCHOOL OF TECHNOLOGY

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E Mail: bstpharmacy@hotmail.com Website: www.bengalschooloftechnology.org

7. NSS unit of Bengal School of Technology will organise BLOOD donation Camps in the college campus where the students, teachets and non teaching staffs will be the volunteers.
8. Installation of projectors in the classrooms to improve the teaching learning facility.

Agenda 4: Review of Preparedness for the NAAC expert committee visit & matters thereof and Steps to be taken

Criteria wise presentations as per NAAc and NBA will be given by the allotted faculty members.

Agenda 5: Review of preparedness for uploading the information in NBA portal for the NBA visit

Co-ordinator, Dr.Dey informed that the information in NBA portal will be shortly uploaded.

Agenda 6: Miscellaneous

1. Loading of all information in the Website.

And so the meeting was concluded by vote of thanks.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

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Date: 04.12.2021

MINUTES OF IQAC MEETING

Meeting No. -17

Minutes:

The IQAC co-ordinator, Dr.Dey, started the discussion according to the prescribed agenda.

Agenda 1: Confirmation of the minutes of the last IQAC meeting.

The last meeting minutes stand approved.

Agenda 2: Action taken report.

1. The NAAC AQAR report of session 2021-2022 will be submitted online shortly within the month of December 2021.
2. BST Pharma Alumni Lecture Series was successfully completed in the month of September 2021.
3. Women's Day 2021 was successfully celebrated online through ZOOM meeting on 28th September 2021.
4. World Pharmacist Day was successfully celebrated through online mode.
5. Internal Faculty Development Programme on "Quality Audit and Accreditation Processes" was also successfully done through online mode.
6. GPAT Classes and online MOCK Tests are running successfully with good attendance.

Agenda 3: Activity planner for the forthcoming events

1. Procurement of new Tablet compression machine for Research and Post graduate students.
2. Completion of the concrete pathway leading to the medicinal plant garden.
3. BST Pharma ALUMNI Associassion Registration process should be completed as soon as possible.
4. Insect killer installation in the Animal House of BST after consultation with the IAEC committee members.

Agenda 4: Discussion regarding the preparation of NAAC and NBA "COMPLIANCE REPORT FORMAT".

Co-ordinator, Dr.Dey instructed that responsible faculty members should start the write up of "COMPLIANCE REPORT FORMAT" for NBA. She also specified that 2019-20, 2020-21 and 2021-22 data will be included in that format.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

1

BENGAL SCHOOL OF TECHNOLOGY

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Agenda 5: Plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology.

Chairman of IQAC and Dr. P. Suresh appreciated the plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology and suggested to start as soon as possible.

Agenda 6: Approval of Mission Vision PEO statement

Mission Vision PEO statement was approved by the members of IQAC and will be further processed.

Agenda 7: Approval of Code of Conduct

Code of Conduct was passed and approved by the members of IQAC and also uploaded in the college website.

And so the meeting was concluded by vote of thanks.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

2

BENGAL SCHOOL OF TECHNOLOGY

(A College of Pharmacy)

(Courses offered: D.Pharm, B. Pharm, M. Pharm (Pharmaceutics), M. Pharm (Pharmacology)

Affiliated to MAKAUT and WBSCT&VE&SD

Accredited by NAAC, Accredited by NBA for B. Pharm

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

E Mail: bstpharmacy@hotmail.com, Website: www.bengalschooloftechnology.org

AGENDA FOR THE IQAC MEETING   DECEMBER 2021

Agenda No	Agenda Item
1	Confirmation of the minutes of the last IQAC meeting held on 10th August 2021
2	Action taken report
3	Activity planner for the forthcoming events
4	Discussion regarding the preparation of NAAC and NBA "COMPLIANCE REPORT FORMAT".
5	Plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology.
6	Approval of Mission Vision PEO statement
7	Approval of Code of Conduct

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

BENGAL SCHOOL OF TECHNOLOGY

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Date: 10.08.2021

MINUTES OF IQAC MEETING

Meeting No. -16 [2nd Quarterly Meeting of 2021]

Members Present:

Dr.Pranabesh Chakraborty	Dr. P. Suresh	Dr.ParamitaDey
Prof.Biswanath Ghosh	Dr.DharmajitPattanayak	Dr.Sudip Kumar Kar
Dr.Sankhadip Bose	Dr. Raja Majumder	Mr. Atanu Chatterjee
Mr. Ayan Dutta	Mrs. Dishari Dutta	Mr. Hassan Reza
Mrs. Saumya Das	Mr. SougataMallik	Mrs. Sudipta Roy
Mr. Abhijit De		

Minutes:

1. The meeting has been started with an introduction to the new chairman of IQAC,Dr. P. Suresh, Principal, Bengal School of Technology, A College of Pharmacy, new co-ordinator, Dr.ParamitaDey, Professor and advisor respected Dr.Pranabesh Chakraborty.

2. The new co-ordinator, Dr.Dey, started the discussion according to the prescribed agenda.

Agenda 1: Confirmation of the minutes of the last IQAC meeting.

Here Dr.Dey requested Mr. Hassan Reza to explain the action plan of IQAC according to the last meeting minutes. Mr. Reza, explained the minutes of last IQAC meeting.

Agenda 2: Action taken report.

New co-ordinator and other faculty members have explained in detail about the present status of action taken report. These are as follows...

a. As CO-PO matter is very much important not only in NBA but also in NAAC, the development of CO for B.Pharm syllabus has been completed and also correlated with PO. The CO-PO matter of PG courses are pending till now but will be completed very soon. Chairman of IQAC, Dr. Suresh suggested to look forward on the scope and objectives of the CO-PO matters. With this, he also advised to look on prerequisites and Bloom taxonomy. Dr. Suresh also said that all the students and staffs of the college should be aware of CO and POs.

Attested

Dr. P.Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

1

BENGAL SCHOOL OF TECHNOLOGY
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Mr. Reza also explained about the NPTL courses and study materials related to CO-PO matter and decided to give responsibilities to Departmental Heads to resolve the matter with the help of some faculty members.

b. The Library audit is under process. It will also complete very soon. Mrs. Saumya Das explained in detail about the present status of Library audit as well as requirement of fully automated software in Library. Advisor of IQAC, Dr.Pranabesh Chakraborty also suggested that subject wise faculty members have to take responsibilities to work with present Library team and take care of Library matters.

c. Dr.DharmajitPattanayak explained the resolution of exam cell meeting where the minimum percentage result (below 45%) was decided to identify the poor students. It was resolved that the same will be carried out now in the online session also.

d. In case of D.Pharm data assessment, Dr. Chakraborty suggested that D.Pharm data is not required in NBA and NAAC and also instructed Mr. Reza to confirm it by a phone call to those authority.

Agenda 3: Discussion of different issues regarding AQAR (2020-21) covering all the criteria.

In this section, co-ordinator of IQAC asked the present status of college website. In reply, Mrs. Das explained that the college website is ready and within few days it will start the work.

Agenda 4: Discussion regarding the preparation of NBA "COMPLIANCE REPORT FORMAT".

Co-ordinator, Dr.Dey instructed that responsible faculty members should start the write up of "COMPLIANCE REPORT FORMAT" for NBA. She also specified that 2019-20, 2020-21 and 2021-22 data will be included in that format.

It has also been discussed that the non-pharmacy faculty members will be at their same position how it has been shown in the last inspection.

Agenda 5: Plan for conduction of 6 days Alumni Online Interactive Sessions covering different domains of Pharmacy.

Dr.Dey has presented a detail plan of 6 days Alumni Online Interactive Sessions which was really appreciated by Dr. Chakraborty. Here it is also decided that a separate platform is needed to conduct the session.

Agenda 6: Plan for the invitation of minimum 2 Alumni in Online Orientation Programmes of D.Pharm. /B.Pharm. /M.Pharm.

This plan was also unanimously accepted and appreciated by all the members of IQAC.

Attested

Dr. H Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

2

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E Mail: bstpharmacy@hotmail.com Website: www.bengalschooloftechnology.org

Agenda 7: Plan for conduction of Internal Faculty Development Programme on "Quality Audit and Accreditation Processes"

Co-ordinator, Dr.ParamitaDey explained another planning for conduction of Internal Faculty Development Programme on "Quality Audit and Accreditation Processes" and that also unanimously accepted and appreciated by all the members of IQAC. Here Dr. Chakraborty has suggested that the program may be conducted in every fortnight.

Agenda 8: Plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology.

Chairman of IQAC, Dr. P. Suresh and advisor, Dr. P. Chakraborty appreciated the plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology and suggested to start as soon as possible.

Agenda 9: Miscellaneous

There was no specific topic in miscellaneous. So the meeting was concluded by vote of thanks.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

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E Mail: bstpharmacy@hotmail.com Website: www.bengalschooloftechnology.org

Agenda 7: Plan for conduction of Internal Faculty Development Programme on "Quality Audit and Accreditation Processes"

Co-ordinator, Dr. ParamitaDey explained another planning for conduction of Internal Faculty Development Programme on "Quality Audit and Accreditation Processes" and that also unanimously accepted and appreciated by all the members of IQAC. Here Dr. Chakraborty has suggested that the program may be conducted in every fortnight.

Agenda 8: Plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology.

Chairman of IQAC, Dr. P. Suresh and advisor, Dr. P. Chakraborty appreciated the plan for conduction of Webinars especially focussing on Regulatory Affairs (IPR), Entrepreneurship and Research Methodology and suggested to start as soon as possible.

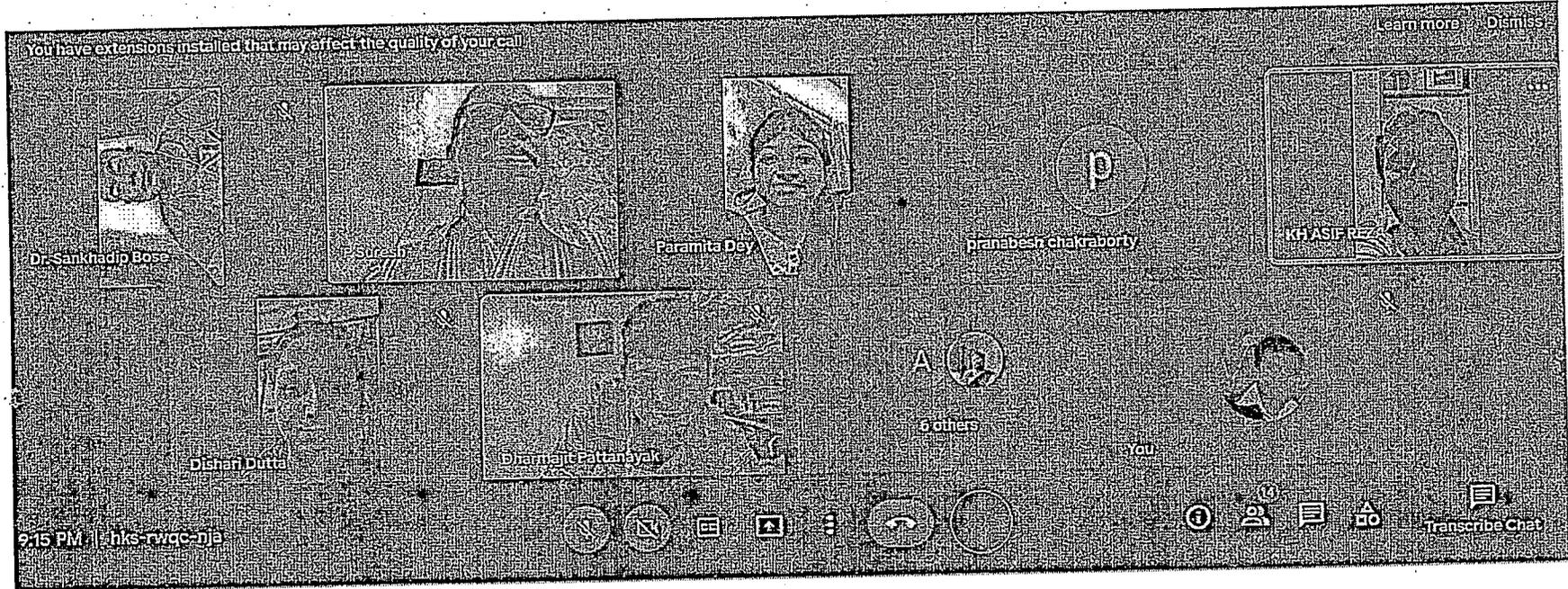**Agenda 9: Approval of Mission Vision PEO statement**

Agenda 10: Approval of Code of Conduct

And so the meeting was concluded by vote of thanks.

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

3

Attested

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.

Chemotherapy induced central nervous system toxicity and syndromes

Lovekesh Singh[1], Sangita Biswas[2], Gouranga Sundar Roy[2], Shamsher Singh[1]*

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Correspondence:
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ABSTRACT

Chemotherapy is used for the treatment of cancer but major drawback is central nervous system (CNS) toxicity (Hippocampus and cortical toxicity). Cancer patient's shows less sensitivity and tolerance on the usage of chemotherapy that causes damages in the body mainly it affects the targets (hippocampus and cortical regions) of the CNS. CNS toxicity occurs through microglia activation, apoptotic cell death, neuronal demyelination, and oxidative stress. In this article, we have discussed the chemotherapy induced cortical toxicity, hippocampus toxicity, and syndromes of the CNS. It causes toxic effect either single drug or combination of more than one drug.

Keywords: Central nervous system syndromes, chemotherapy, cortical toxicity, hippocampus toxicity

INTRODUCTION

Chemotherapy is the group of drugs used for the treatment of cancer. It is used as an optic approach for the treatment of various types of tumor. Cancer patients show less sensitivity and tolerance with the use of complex doses of chemotherapy. The long-term use of combination therapy of antineoplastic agents produces adverse drug reactions (ADRs) on their use such as hippocampus toxicity, cortical toxicity, organ toxicity, and extrapyramidal symptoms. Recent studies reported that developed countries are more prone to get ADRs as compared to developing countries.[1,2] Anti–cancer drugs affects the immune system and that is why the immune system is compromised in patients are more prone to get toxicity. Chemotherapy stimulates the release of pro-inflammatory agents such as interleukin (IL)-6, IL-β, and tumor necrosis factor alpha (TNF-α) with the activation of macrophages, T-cells, monocytes leads to cell death. It occurs in conditions like intracranial metastasis (granulomatous situations and focal demyelination),[3] by drugs inducing seizures (cisplatin and busulfan), and Para-neoplastic syndromes (PNS) (hippocampus and temporal lobe are involved in this).[4] Seizures show direct

and indirect changes with the use of chemotherapy (e.g., cisplatin metabolic changes such as renal toxicity).[5] Methylene blue is used in case of ifosfamide induced central nervous system (CNS) toxicity.[6,7] Stimulants like high-dose of fluorouracil are also found to cause nervous syndromes PNS.[8]

CHEMOTHERAPY ROLE IN HIPPOCAMPUS TOXICITY

Hippocampus is situated below the cerebral cortex in the centered temporal lobe of the human brain. Hippocampus controls the functions such as short term-memory, navigation activity, and emotional responses. New neurons are generated in dentate gyrus of the hippocampus and receive information from the hippocampus.[9] Memory impairment occurs by mechanisms such as telomere shortening, altered hormonal levels, neuron related polymorphism in neurons, oxidative stress, blood–brain barrier (BBB) disruption, and cytokine dysregulation.[10] Hippocampus toxicity occurs through rise in extracellular level of glutamate and leads to glutamate excitotoxicity. It also raises the level of oxidative stress in brain hippocampus region and further failure leads to memory impairment. Mitomycin-c is an antineoplastic antibiotics drug that alkylates the deoxyribonucleic acid (DNA) sequence, beaks

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Attested

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the strands of DNA, and inhibits the process of synthesis of DNA. 5-Fluorouracil induces the apoptosis in brain and suppression or proliferations of neuron in dentate gyrus of the hippocampus. The disturbance of dentate gyrus input the signals from dentate gyrus to Cornu Ammonis (CA)3 which sends signals to CA1 is disturbed and leads to hippocampus neurodegeneration degenerations. It causes functional impairment in the hippocampus.[11] Recent reports, it was found that about 10–80% of patients receiving chemotherapy (in breast cancer) has chances of memory impairment.[12]Tamoxifen has found to deficits the visual and verbal related memory problems.[13] It crosses BBB disruption with induction of oxidative stress (imbalance in reactive oxygen species [ROS] and apolipoprotein A1) that also causes mutations in toll-like receptor, multi drug resistance, and multidrug resistance associated proteins. Oxidative stress induces cytokine dysregulation with disruption in TNF-α and IL-1β expressions. Methotrexate activates the microglia that is responsible for the blocking of proliferations, blocks the complete differentiations, after the microglia activation it activates ROS which interrupts the synaptic plasticity which leads to neuronal toxicity [Figure 1]. It results in mutations in viability of neurons, which reduces the antioxidant defense that leads to fragile ROS balance. It increases the counts of the ROS which is triggers the oxidative stress that is responsible for the shifting of positive modulation of synaptic plasticity and memory which leads to impairment. These changes are responsible for the impairment of the memory.[14]Temozolomide is used for cancer with the DNA linking properties, which are shown to cause impairment in hippocampus neurogenesis process and disturbs the hippocampus

theta band oscillations in rodents' models. A theta band frequency represents the short-term memory, long-term memory, and spatial memory. This drug does not impair the long-term memory but it only impairs the short-term memory problems on the usage of chemotherapy. Three targets are responsible to induce hippocampus toxicity: (1) Activation of oxidative stress causes myelin toxicity, (2) direct cellular toxicity or inflammation and oxidative stress impaired hippocampal neurogenesis that lead to toxicity of hippocampus, and (3) inflammation induces neurovascular damage and it also impairs the hippocampus neurogenesis. All three above points cause neurocognitive dysfunction. Methotrexate induces inflammatory responses which was seen in methotrexate treated mice and shown in an increase of microglia and activation of cyclooxygenase-2 which leads to induction of nitric oxide synthase levels to cause inflammatory responses to impairs hippocampus that alters the learning and memory problems.[15] Studies found that administration of alkylating agents such as Oxaliplatins attach with the DNA strands and produces mutations that leads to apoptotic cell death through passing through BBB to cerebrospinal fluid (CSF) and extracellular fluids in regions of the brain to causes hippocampus damage that leads to cognitive impairment.[16]

CHEMOTHERAPY CAUSES CORTICAL TOXICITY

Human brain is the consisted of billions of neurons which communicate through various connections and synapses. Frontal
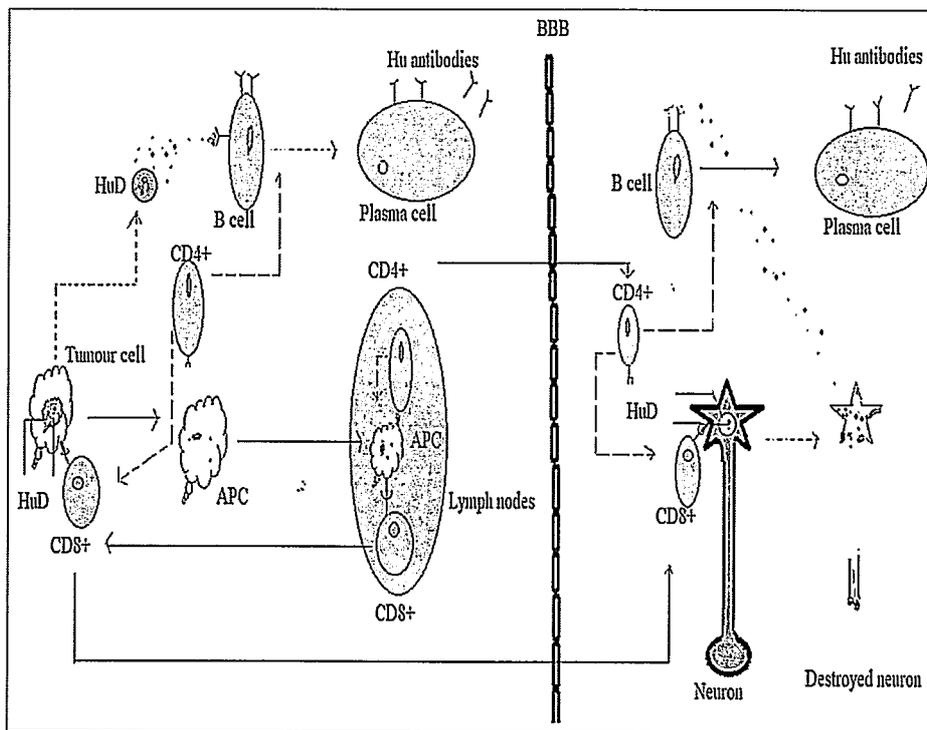
Figure 1: Pathogenesis of para neoplastic syndromes associated with antibodies

Line demonstrations	Abbreviations
Differentiation process	APC-Antigen Presenting Cell
Transport process	CD-Cluster of Differentiations
Stimulation process	BBB-Blood Brain barrier

IM   **3081**

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Devoted to promotion of quality and standards in technical education

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By this Certificate warrants that

BENGAL SCHOOL OF TECHNOLOGY

DIST. HOOGHLY

was duly admitted by the Executive Council as

INSTITUTIONAL MEMBER

of the Society and is fully entitled to all the privileges granted by the constitution and bye-laws

2022

Attested

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Principal
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Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.
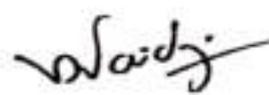
EXECUTIVE SECRETARY

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 , HOOGLY
• 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

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9.No. of IQAC meetings held during the year	3
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes
• 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
• 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 ACCREDIATION 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

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Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	3
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	516
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	127
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	157
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	42
File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	42
File Description	Documents
Data Template	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	

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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

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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

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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.

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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%20E-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. Form 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 registerd 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)

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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.

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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

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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.

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- The marks file can be downloaded from the export csv. option

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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

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- 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

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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.

o 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

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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

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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

o 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

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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

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 benefited 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

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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 •
```

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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)

0

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 togenerate 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 withcontinued 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,

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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=KO-OCIwEWjO
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

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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

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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.

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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.

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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 questionaries.

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%207[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%207[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

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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

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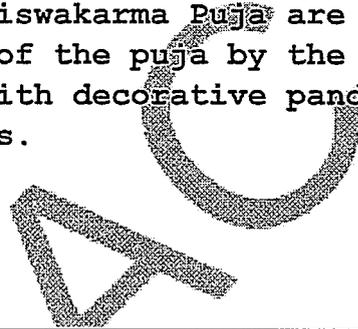
File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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. Attested

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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.

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• 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 theirdoubts and improve their technical aspects of the courses. An information database of the students is maintained by each faculty mentor for specificdetails like

1. Information about the student.

2. Previous Record of thestudent (including exams cleared)

3. Academic Performance in the college

4.Competitive Examination details

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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 Pharmaceutics Limited, Dey's Medical Ltd, Martina Biogenics, Caplet India, Albert David Ltd., Pasteur laboratories Private Ltd, Gluconate Health IndiaLtd,

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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 uplifment 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.

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• 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/naac/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	

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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 FACILIATED THE NEEDS AS PER REQUIRED CONCERN. SEPARATE LIBARY 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

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	20/02/2020

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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 Leaning" 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 twomultiple 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

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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

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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

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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

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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)

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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

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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%2 0SURVEY%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

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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

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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.

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With respect to Sensitizing students to social issues

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

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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,%20Infrastucture%20(Geo%20Tagged).pdf

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

o 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

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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 excess books from internet & has the perfect ambiance for learning. Easy excess 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%20RECIEPT%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)

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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.

- o 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,

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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 benefited 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

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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

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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

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5.4 - Alumni Engagement

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,

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(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

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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

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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.

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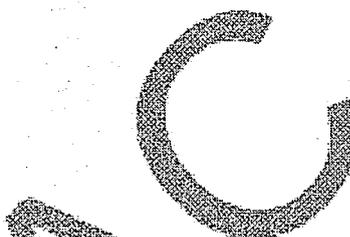
File Description	Documents
Paste web link of Annual reports of Institution	https://bstpharmacy.in/naac
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View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

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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

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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

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- 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

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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 students to the higher authorities

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5. Cocurricular activities The mentors meet thestudents 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.

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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 dive 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%2 0practices.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 (B College of Pharmacy) the students are encouraged to be

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Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	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	pchakroborty@rediffmail.com
Address	DELHI ROAD SUGANDHA, CHINSURAH, HOOGHLY
City/Town	CHINSURAH
State/UT	West Bengal
Pincode	712102

2. Institutional Status

ICT: A demo using free LMS (CLASSROOM)		
One day Workshop on How To Prepare Course Objectives as a unit of Outcome Based Education.	06-Dec-2019 1	20
Mitigation Of Environmental Difference When Moving From College To Industry by MS. PIYALI KUNDU	21-Sep-2019 1	314
Basics of intellectual property rights by DR. Amiya Kumar Kaliadaha, Senior Scientific Officer,Department of Science and Technology and Biotechnology, Govt. of West Bengal	14-Sep-2019 1	287
No Files Uploaded !!!		

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
NIL	NIL	NIL	2020 0	0
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	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	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	

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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. Subject course files are made accessible in the examination cell for the reference of educators. As per the University curriculum 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) creating an excellent opportunity to acquire the necessary skill set for employability where the rare expertise of world famous experts from academics and industry are available. 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 examination cell makes all necessary arrangements for smooth conduction of practical and theory examinations as directed by the University. 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. Due to the COVID-19 pandemic, the University has opted for alternative evaluation process for the Even   Attested

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

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 2019-2020, 98 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 (2019-2020) IMPROVEMENT OF SEMINAR HALL AND CLASSROOMS BUILDING IMPROVEMENTS IN THE CAMPUS LIBRARY COMPUTER CANTEEN SPORTS Students Excellent Very Good Very Good Very Good Good Excellent Faculty Excellent Excellent Excellent Excellent Very Good Excellent Parents Excellent Excellent Very Good Excellent Very 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. In the lockdown period due to COVID-19, a huge number of Webinars have been arranged from the college having speakers from both academic and industry background. EMPLOYER FEEDBACK: Feedbacks are taken from the Pharma and IT- 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
BPharm	PHARMACY GRADUATION	94	Nill	93
MPharm	PHARMACEUTICS	15	Nill	15
MPharm	PHARMACOLOGY	12	Nill	10
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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	Number of fulltime teachers available in the institution teaching only PG	Number of teachers teaching both UG and PG courses

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
BPharm	19	1	01/08/2019	17/03/2020
BPharm	19	2	13/01/2020	20/10/2020
BPharm	19	3	15/07/2019	17/03/2020
BPharm	19	4	13/01/2020	20/10/2020
BPharm	19	5	15/07/2019	17/03/2020
BPharm	19	6	13/01/2020	20/10/2020
BPharm	19	7	15/07/2019	17/03/2020
BPharm	19	8	13/01/2020	20/10/2020
MPharm	202,203	1	01/08/2019	17/03/2020
MPharm	202,203	2	13/01/2020	20/10/2020
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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 prescribed by the University is classified under four heads: time dependent evaluation and time independent evaluation. Two written examinations have been conducted each of 25 Marks. Time independent evaluation includes viva/ quiz/ presentation/ seminar/ GD. Based on the University notification, the college examination committee decided to conduct one CA as MCQ test which will help the students to prepare themselves for various competitive examinations. Others CAs planned were viva and two written examinations. All the CAs were conducted out of 25 marks.

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 CA 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 2019-20 is divided in to two semesters (Odd Even Semester). CA1 examinations for the odd semester was held from 27th to 31st August 2019, CA2 examination was conducted on 27th September 2019, CA3 examination was conducted from 23rd September to 25th September 2019 and CA4 was conducted on 14th to 19th November 2019. The main practical examinations were held from 22nd November to 29th November 2019. The main semester Examinations were held during 9th December 2019 to 16th January 2020. In the same pattern the course curriculum for the even semester for the academic year 2019-20 was prepared. CA1 examination for the even semester was held on 13th February 2020. CA2 examination was conducted from 27th to 29th February 2020. Due to the COVID-19 pandemic, CA3 examination was conducted online from 26th to 29th February 2020. CA4 examination was also conducted through online from 15th to 17th June 2020 for 4th Year students 1st to 3rd Jul 2020 for remaining students. According to the University's directions the practical internal examinations were also

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill

No file uploaded.

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	Nill

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	14	1.37
International	PHARMACY	5	2.4

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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
NIL	Nill

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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
Smart and intelligent stimuli responsive materials: An innovative step in drug delivery system	Kazi Asraf Ali	Current Biochemical Engineering	2019	0	BENGAL SCHOOL OF TECHNOLOGY	Nill
Formulation and characterization of papya leaf gel	DrAnandamoyRudra	GSC Biological and Pharmaceutical Sciences	2020	0	BENGAL SCHOOL OF TECHNOLOGY	Nill

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TAU PROTEIN SIGNALING IN DIABETES		PHARMACY AND PHARMACEUTICAL SCIENCES			TECHNOLOGY	
In-Vitro Antimicrobial Activity of Partheniumhysteroporus Comparison with Ofloxacin	Mr.Ayon Dutta	International Journal of Pharmaceutical Sciences Review and Research (May to June 2020)	2020	2	BENGAL SCHOOL OF TECHNOLOGY	Nill
Toxicological Evaluation and Brine Shrimp Lethality Assay of the Extracts of OlaxPsittacorum.	MR. RAJA MAJUMDER	A. Advances in Traditional Medicines	2019	6	BENGAL SCHOOL OF TECHNOLOGY	Nill
Evaluation of anti-inflammatory , analgesic and TNF-? inhibition (upon RAW 264.7 cell line) followed by selection of extract (leaf and stem) with respect to potency to introduce anti-oral-ulcer model obtained from Olaxp sittacorum (Lam.) Vahl in additi	MR. RAJA MAJUMDER	Journal of Ethnopharmacology	2019	6	BENGAL SCHOOL OF TECHNOLOGY	Nill
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TABLETS OF DICLOFENAC SODIUM							
Formulat ion and ch aracteriza tion of papya leaf gel	DrAnanda moyRudra	GSC Biological and Pharma ceutical Sciences	2020	Nill	Nill	BENGAL SCHOOL OF TECHNOLOGY
Smart and intell igent stimuli responsive materials: An innovative step in drug delivery system	Kazi Asraf Ali	Current Biochemica l Engineer ing	2019	Nill	Nill	BENGAL SCHOOL OF TECHNOLOGY

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Nill	Nill	Nill	Nill	Nill

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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	NIL	NIL	Nill

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Post Graduate Research Work	Effect of Honey-Ghee Combinatorial Intervention in tissue repair	Indian Institute of Technology, Kharagpur	01/08/2019	31/05/2020	NIKHIL KUMAR
Post Graduate Research Work	Evaluation of Adverse Drug Reactions of Anti-tubercular drugs in tertiary care hospital, Kolkata, West Bengal: An observational Study	R.G.Kar Medical College and Hospital, Kolkata	01/08/2019	31/05/2020	JOLLY MONDAL
Post Graduate Research Work	The Adverse Effect of Anti-tubercular drugs in different groups of population: A Randomized Study	Belur- ESI Hospital	01/08/2019	31/05/2020	PUJA CHALAK
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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 Para Road, Baranagar, Kolkata-90, West Bengal	25/03/2019	Student's training and Placement, Research and Development, Guest lectures, Joint scientific paper publication	Nill
Mendine Pharmaceutical PVT LTD, 36A B Alipore Road, Kolkata-27, West Bengal	03/04/2019	Student's training and Placement, Research and Development, Guest lectures, Joint scientific paper publication	5
Bethel Pharmaceuticals, 3/1, Basudevpur	24/04/2019	Student's training and Placement, Research	

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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	Nill

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	120	55	51	55	55	7	28	32	31
Added	2	0	0	0	0	0	1	0	0
Total	122	55	51	55	55	7	29	32	31

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 facilites
200000	114460	425000	357854

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Student Induction on Universal Human Values and Professional Ethics	31/07/2019	92	Bengal School of Technology (Trained faculty members from, AICTE Sponsored FDP-SI)
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 passedin the comp. exam	Number of studentsp placed
2020	GPAT TUTORIAL CLASSES	8	127	4	126
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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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Macleods. ASG Biochem Pvt.Ltd. STP Pharmaceutic al Pvt. Ltd (STP Franco.) Wipro. Cognizant. Wockhardt Limited. Abbott. Nouveau Medicament (P) ltd. Zydus Healthcare Ltd. Narayana Health	74	57	Tata Consultancy Service Troikaa Phar maceutical Limited Alembic Apollo Hospital Covance CliniMed Lifesciences Pvt. Ltd.	7	7

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	TECHNOLOGY	
SIT DRAW COMPETITION	BENGAL SCHOOL OF TECHNOLOGY	120
VIGILANCE AWARENESS WEEK- INTEGRITY, A WAY OF LIFE (EXTEMPORE COMPETITION)	BENGAL SCHOOL OF TECHNOLOGY	250
TEACHER'S DAY CELEBRATION	BENGAL SCHOOL OF TECHNOLOGY	335
CELEBRATION OF INDIAN CONSTITUTION DAY	BENGAL SCHOOL OF TECHNOLOGY	50
REPUBLIC DAY CELEBRATION	BENGAL SCHOOL OF TECHNOLOGY	95
SPORTS	BENGAL SCHOOL OF TECHNOLOGY	340
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Inter-College Recitation Competitio n, SKFGI, Mankundu, Hooghly (3r d Position)	National	Nill	1	19301918 108	Amisha Das
2019	Inter-College Debate Com petition, Dr. B.C.Roy College of Pharmacy and Allied Health Sciences, Durgapur.P articipati on	National	Nill	1	19301917 022	Souvik Kundu,
2019	Inter-College Debate Com petition, Dr. B.C.Roy College of	National	Nill	1	19301917 011	Swadhin Laha

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Pharmacy and Allied Health Sciences, Durgapur. PARTICIPAT ION							

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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:

<div align="center">0</div>

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

<div align="center">0</div>

5.4.4 – Meetings/activities organized by Alumni Association :

<div align="center">3</div>

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)

Decentralization process is practiced in the college by involving teaching and non-teaching staff in execution of events such as seminars, examination, sports and fest which are organized by the members of related committees. Each committee meets on regular basis to discuss about the working of the institute. Principal is the academic head and he calls for faculty council meeting to discuss about academic and related activities. Classes are monitored regularly by the Principal and Programme committee for smooth completion of syllabus. Feedback system is prevalent at college. The examinations are carried out periodically throughout the year for which there is separate examination department/cell. The management authorities regularly undertake the review of working of the college. The participation of students in Sports and NSS are encouraged in order to attain overall development of students. The cultural committee promote to the students to actively participate in drama competitions and debating oratory competitions outside the college. Thus the college works with aim of attaining the academic excellence through quality education and

	the college. The date for the CAs is notified to all faculty students. Four CAs including minimum 2 written tests, viva/ quiz/ presentation/ seminar/ GD is to be conducted in a semester. Question Papers are framed based on Blooms Taxonomy. After the evaluation, 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
Research and Development	Peer reviewed Journals are subscribed each year to help students and faculties to excel in research activity. The well- developed inventory of chemicals help in smooth conduct of experiments. Faculties and students are encouraged to use instruments especially Sophisticated instruments. Faculties performing PhD work often use all these available facilities. Collaborative research is encouraged.
Library, ICT and Physical Infrastructure / Instrumentation	CDs of text books are available and e-books, e- journal are subscribed. Campus is WI-FI enabled. Improvement of storage area for toxic chemical is improvised at the central store of the institute. The playground has been extended to enhance sports activity at college. Different library soft-wares are also used for maintenance of books.
Human Resource Management	Quality faculties are recruited through interview process. The recruitment board is constituted as per recommendation of the authorities. Advertisement for recruitment is published. Appraisal System is in place. Maternity leave is provided to female faculties. Application of leave is accepted with proper replacement of duty and the form is duly signed by the leaver
Industry Interaction / Collaboration	Experts from Industry visit the instiutute from time to time and conduct seminar. Industrial experts enlighten the students. Memorandum Of Understanding with companies are used to establish relationship. Successful Entrepreneurs visit the institute to create awareness. Students visit industry according to the company and student's available time.

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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. Students can also reach the college using Google map.
Examination Attested (signature) Dr. P. Suresh Principal Bengal School of Technology Sugandha, Delhi Road Hooghly, Pin-712102, W.B.	Continuous Assessments (CAs) and Practical examination are conducted in the institute as per the MAKAUT, WB norms. CA marks are entered periodically in the university online portal within the cut off date as notified by the University. End semester question papers for B. Pharm is received from the University through proper channel on the day of examination. The end semester question papers for M. Pharm program is downloaded from the University's college login portal 30minutes prior to the examination. All the question papers are stored in the strong room of the examination cell under CCTV surveillance. All the examination halls are provided with CCTV and the link for the same is sent to the University for live monitoring. 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

	teaching staff	non-teaching staff				
2019	PROFESSIONAL UGRADATION PROGRAM	PROFESSIONAL UGRADATION PROGRAM	17/06/2019	17/06/2019	8	3
2019	PROFESSIONAL UGRADATION PROGRAM	PROFESSIONAL UGRADATION PROGRAM	07/09/2019	07/09/2019	11	3
No file uploaded.						

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
FDP Universal Human Values AICTE At Bangalore	4	23/07/2019	23/07/2019	7
FDP Universal Human Values AICTE At Sister Nivedita University	4	18/07/2019	20/07/2019	3
INTRODUCTION TO RESEARCH NPTEL FDP COURSE	3	01/07/2019	31/12/2019	180
FDP Universal Human Values AICTE At Central University Jharkhand Ranchi,	4	20/01/2020	22/01/2020	3
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
9	Nill	8	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Contributory Provident fund provision 2. Salary is credited directly to the bank account of the faculties on completion of month.	1. Earn Leave facility 2. Maternity leave provision is there	1. Tutition fee waiver 2. Tutorial classes are provided for weaker students. 3. GPAT Coaching classes are conducted for students

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Impregnating the idea of using innovative teaching learning tools , LMS system for better interactive sessions for the students. 4. Replaced manual feedback mechanism by the using of Google Forms.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Nill
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
2019	Basics of intellectual property rights by DR. Amiya Kumar Kaliadaha, Senior Scientific O fficer,Depar tment of Science and Technology and Biotechn ology, Govt. of West Bengal	14/09/2019	14/09/2019	14/09/2019	287
2019	Mitigation Of Environme ntal Difference When Moving From College To Industry by MS. PIYALI KUNDU	21/09/2019	21/09/2019	21/09/2019	314
2019	One day Workshop on How To Prepare Course Objectives as a unit of Outcome Based Education.	16/12/2019	16/12/2019	16/12/2019	20
2020	Improvisat ion of innovative teaching learning	05/03/2020	05/03/2020	05/03/2020	12

						greenery of the area surr ounding	
2019	Nill	1	20/09/2 019	1	Plantat ion of tree	Increase the greenery of the area surr ounding	43
2020	Nill	1	20/03/2 020	1	Preparing Sanitizer s	To support the need of Saniti zers for the society	30
2020	Nill	1	23/03/2 020	1	Distrib ution of Sanitizer s and mask with general awareness against Covid -19	To develop an awareness against Covid -19 Pandemic, and provide necessary NON pharm aceutical intervent ions (NPI)	30
2020	Nill	1	14/02/2 020	1	Distrib ution of sanitary napkins and food packets among local H.S. students in school , Saradam ani Vidya mandir Valika Vidalay	To generate awareness on Personal Hygiene, Nutrition And An Overview On Menstrual Cycle	130
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)
No change in the handbook	Nill	The previous version of the handbook was

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perMentor: 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 theirdoubts and improve their technical aspects of the courses. An informationdatabase of the students is maintained by each faculty mentor for specificdetails like 1. Information about the student. 2. Previous Record of thestudent (including exams cleared) 3. Academic Performance in the college 4.Competitive Examination details 5. Cocurricular activities The mentors meet thestudents periodically and review their performance in Sessional examinations,class tests and other academical activities. Guidance is given to theindividual student with respect to their academic problems. Evidence : •Improved teacherstudent relationship. • Improvement in students' attendance. •Improvement of academic performance of the students. • Improvement inparticipation in extracurricular activities. • General awareness about Raggingincreased. • Improvement in Students' discipline. • Improvement of selfconfidence of the students. Best Practice: B Title: Training and placement withIIPC (Industry Institute partnership cell) Objective: The main motive or aim ofa professional college is to train the students by exposing them to the workculture 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 alsoassure the sustainability and adaptation to profession. Context : • Providingindustrial 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 'IndustryInstituteInteraction'. In order to accomplish the same, it organizes seminars and talksto provide a platform for the budding and upcoming pharmaceutical technologiststo interact with professionals from various industries. It encourages visits tothe industries by the institute students and arranges industrial problems to beworked out by students as part of their projects. It also takes suggestionsfrom members of the industry regarding designing/changing of curriculum. Thestudents regularly visit the Pharmaceutical industries like Bengal Chemicalsand Pharmaceutics 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 PharmaceuticalsLtd, Palsons Derma, Diamond drugs, Stadmed Ltd. and Standard Pharmaceuticals.Outside the state the training has taken place at some major pharmaceuticalcompanies such as Microlabs Ltd, Medophrma Pvt Ltd, Wockhardt Ltd, HeteroDrugs, Zydus Cadila, Alkem Ltd and Drakt International etc. for a firsthandexperience about the working of pharmaceutical industries. The committee alsoactively seeks consultancy work from industrial houses to enhance theindustryinstitution bonding. Beside these, it also connects with the varioushospitals 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

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

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Jayanta Chattopadhyay
Phone no/Alternate Phone no.	03326866064
Mobile no.	9163321091
Registered Email	bstpharmacy@hotmail.com
Alternate Email	jc.chattopadhyay@yahoo.co.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://bengalschooloftechnology.org/naac_document
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://bengalschooloftechnology.org/academic_calendar

5. Accrediation Details

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

6. Date of Establishment of IQAC

22-Apr-2016

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
Improvisation of innovative teaching learning process using	05-Mar-2020 1	12

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1. Initiatives to take up NPTEL courses by students (MAR Activities) and faculties(FDP) 2. Started Sessions on Universal Human Values and Professional Ethics by the faculties trained at AICTE sponsored FDPSI programs. 3. Impregnating the idea of using innovative teaching learning tools , LMS system for better interactive sessions for the students. 4. Replaced manual feedback mechanism by the using of Google Forms.

No Files Uploaded !!!

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
Initiate online feedback mechanism.	Google forms replacing the manual feedback process
Inccorporation of better teaching learning tools for better teaching and learning environment.	Mr. Kh. Hussan Reza presented the basics of LMS, with its usage as an interactive tool for teaching learning process. A indtroctory overview was presented on the use of "CLASSROOM" and " Google Classroom"
Intiates interactive sessions on Universal Human Values and Professional Etheics for UG fresher students as a part of orientation program	3 faculties took part in AICTE sponsored FDP-SI , a total 10 days program (3+7)days . Further few more were asked to take part , so that they may imapart better interaction regardance to the intiative.
Ehancing student involvement as well as faculties to take up NPTEL courses	Students were found tobe actively participating due enforcement . Some of the faculties have taken NPTEL as course work.
No Files Uploaded !!!	

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	2020
Date of Submission	20-Feb-2020

Certificate Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
nil nil	Nil	0	0	0

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	nil	Nill
No file uploaded.		

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
BPharm	Pharmacy	01/08/2019

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	Nill	Nill
No file uploaded.		

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	Internship (Industrial / Hospital Training)	111
View File		

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
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

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			courses	courses	
2019	412	53	17	1	21

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
39	39	15	1	2	4

View File of ICT Tools and resources

View File of E-resources and techniques used

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: 24 (B.Pharm) Approximate number of students per Mentor: 25 students Frequency of meeting: Twice in a month. (30 days) A faculty member (Mentor) is assigned for a group of 20 to 25 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. Co-curricular activities The mentors meet the students periodically and review their performance in sessional examinations and other academicals activities. Guidance is given to the individual student with respect to their academic problems. Student Guidance and Career Counseling 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 topics. Mentor Report Form (MRF) Year: Roll No.: Issue: Academic (Teaching/Research) Non academic (Hostel/Food/Transport/Medical facility etc.) Action taken by faculty: How to solve? Sign. Date:

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
465	39	1:12

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
31	39	Nill	9	12

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
Nill	NIL	Nill	Nill

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conducted in two phases: PCA1 and PCA2. The PCA1 was conducted online on 2nd 3rd May 2020 and PCA2 was conducted online on 6th 7th Jul 2020. Due to COVID-19 pandemic the University opted for alternative evaluation process from 12th to 17th October 2020.

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	11	11	100
203	MPharm	PHARMACEUTICS	17	17	100
019	BPharm	PHARMACY GRADUATION	126	118	93.65

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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)

https://docs.google.com/forms/d/e/1FAIpQLSet1zIK_EfLt-r9dcMBNV8k8Pywb6Ly7_cOm-faUQB19eLNOA/viewform?usp=sf_link

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
Nill	00	NIL	0	0

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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	Nill	Nill

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

FORMULAT ION AND EVALUATION OF ENTERIC COATED ELEMENTARY OSMOTIC PUMP (ECEOP) TABLETS OF DICLOFENAC SODIUM	KHANDEKAR HUSSAN REZA	Internat ional Journal of Pharmaceut ical Sciences and Research	2020	84	BENGAL SCHOOL OF TECHNOLOGY	Nill
Effect of crude glandular extract of Telescopiu m telescop ium on fertility in rats following post coital intra muscular a dministrat ion	MRS. SUDIPTA ROY	Global Journal of Society, Science and Technology	2019	11	BENGAL SCHOOL OF TECHNOLOGY	Nill
COMPARAT IVE ANTI- MICROBIAL STUDY OF ALCOHOLIC EXTRACT OF HIBISCUS R OSA- SINESIS WITH MARKETED F ORMULATION	DISHARI DUTTA	World Journal of Pharmaceut ical Research	2020	2	BENGAL SCHOOL OF TECHNOLOGY	Nill
FORMULAT ION, DEVEL OPMENT AND OPTIMIZATI ON OF ALPRAZOLAM 0.5 MG SUSTAINED RELEASE TABLET WITH 12 HOURS RELEASE PROFILE	Mr.Ayon Dutta	INTERNAT IONAL JOURNAL OF PHARMACEUT ICAL, CHEMICAL AND BIOLOGICAL SCIENCES	2020	2	BENGAL SCHOOL OF TECHNOLOGY	Nill
A SHORT REVIEW IN	Gouranga Sundar Roy	WORLD JOURNAL OF	2020	0	BENGAL SCHOOL OF	Nill

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
FORMULATION, DEVELOPMENT AND OPTIMIZATION OF ALPRAZOLAM 0.5 MG SUSTAINED RELEASE TABLET WITH 12 HOURS RELEASE PROFILE	Mr.Ayon Dutta	INTERNATIONAL JOURNAL OF PHARMACEUTICAL, CHEMICAL AND BIOLOGICAL SCIENCES	2020	3	Nill	BENGAL SCHOOL OF TECHNOLOGY
COMPARATIVE ANTI-MICROBIAL STUDY OF ALCOHOLIC EXTRACT OF HIBISCUS ROSA-SINESIS WITH MARKETED FORMULATION	DISHARI DUTTA	World Journal of Pharmaceutical Research	2020	Nill	Nill	BENGAL SCHOOL OF TECHNOLOGY
Effect of crude glandular extract of Telescopium telescopium on fertility in rats following post coital intra muscular administration	MRS. SUDIPTA ROY	Global Journal of Society, Science and Technology	2019	Nill	Nill	BENGAL SCHOOL OF TECHNOLOGY
FORMULATION AND EVALUATION OF ENTERIC COATED ELEMENTARY OSMOTIC PUMP (ECEOP)	KHANDEKAR HUSSAN REZA	International Journal of Pharmaceutical Sciences and Research	2020	4	Nill	BENGAL SCHOOL OF TECHNOLOGY

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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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	Bengal School of Technology	Cleaning of roads and garden of the college premises	5	250
Celebration of International Women's Day	Women's Cell- Bengal School of Technology	Personal Hygeine and Family Planning- Health Awareness Camp	10	350
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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	NIL	0
No file uploaded.			

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	Formulation And Characterization of Honey-Ghee paste embedded Alginate hydrogels for wound healing	Indian Institute of Technology, Kharagpur	01/08/2019	31/05/2020	ANISHA CHAKRABORTY
Post Graduate Research Work	Formulation And In Vitro Evaluation Of Betahistine Dihydrochloride For Meniere's Disease	Alkem Health Science, Sikkim	01/08/2019	31/05/2020	ANASUYA MANDAL

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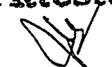
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Road, Kolkata-61, West Bengal		and Development, Guest lectures, Joint scientific paper publication	
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

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
2800000	2427512

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	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 patially)	Version	Year of automation
LIBSYS	Partially	WINDOWS /LSEASE	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6862	3218361	1196	484584	8058	3702945
Reference Books	1132	Nill	409	Nill	1541	Nill
e-Books	33040	13570	Nill	Nill	33040	13570
Journals	25	66010	20	52400	45	118410
Digital Database	Attested	13570	Nill	Nill	1	13570
Library Automation	Dr. P. Suresh	118000	Nill	Nill	1	118000

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, all the

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	0	0
Financial Support from Other Sources			
a) National	1. Freeship Scheme-WB 2.Swami Vivekananda Scholarship 3. GPAT Scholarship 4. Aikashree Scholarship (MCM)	82	4081200
b) International	NIL	Nill	

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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.,

| Hospital. AR Industrial Management Services PVT.LTD (1 MG) Optival | | | | | |

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	36	Pharmaceutical Technology	B.PHARM	Bengal School of Technology, Central University of Punjab,Guru Nanak Institute of Pharmaceutical Science Technology,Himalayan Institute Of Pharmacy, Narsee Monjee Institute of Management, ISF Moga,SBS University,C IPT, IIT KHARAGPUR	M.PHARM, PH.D

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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	4

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

Activity	Level	Number of Participants
ORIENTATION PROGRAMME	BENGAL SCHOOL OF TECHNOLOGY	105
FRESHERS (GENESIS)	BENGAL SCHOOL OF TECHNOLOGY	530
INDEPENDENCE DAY CELEBRATION	BENGAL SCHOOL OF TECHNOLOGY	95
COLLEGE FOUNDATION DAY	BENGAL SCHOOL OF TECHNOLOGY	450

	Pharmacy and Allied Health Sciences, Durgapur.Participation					
2019	Inter-College Debate Competition, Dr. B.C.Roy College of Pharmacy and Allied Health Sciences, Durgapur.Participation	National	Nill	1	19301919 022	Monoroma Lo
2019	Inter-College Debate Competition, Dr. B.C.Roy College of Pharmacy and Allied Health Sciences, Durgapur. PARTICIPATION	National	Nill	1	19320219 002	Rajarshee Saha
2019	Inter-College Debate Competition, Dr. B.C.Roy College of Pharmacy and Allied Health Sciences, Durgapur. PARTICIPATION	National	Nill	1	19320219 008	Shuvam Sar
2019	Inter-College Debate Competition, Dr. B.C.Roy College of	National	Nill	1	19301919 006	Soumen Maity

inculcating all possible soft skills in the personality of the students. IQAC cell functions as a way to improve the overall quality of students by quality up gradation of working of the institute.

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
Curriculum Development	Syllabuses of the courses taught as provided by the university and Pharmacy Council of India. Faculties are requested to plan their classes in advance with relation to the academic calendar. Faculties ensure high-quality educational services which develop students' core academic skills, critical-thinking, problem-solving, collaboration, communication, and technology skills. Develop instructional delivery models that are broad and flexible to accommodate diverse learners. Continuous assessment is practiced. Practical classes are related to the theoretical syllabus and thus, help students to have deep knowledge about the subject.
Teaching and Learning	Students are encouraged to do higher studies and take exams like GPAT, GRE and ILETS. During lockdown period, YouTube video links along with few self made videos, were provided by the faculties for better understanding of the subject. Virtual classes and continuous evaluation were held during March- July months. Student elective subject mapping will be in place once the system for e-governance will take place. Students come from various backgrounds and confront English speaking and writing difficulty in their starting years itself. Communication classes are arranged for such difficulties. Well-developed language laboratory and qualified faculty groom such students. Faculties ensure smooth completion of classes by preparing lesson plan in advance according to the academic calendar.
Examination and Evaluation	The institution is affiliated to MAKAUT, WB. The college follows the examination guidelines framed by the University. The college plans for continuous assessments (CAs) after discussion in examination committee of

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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.

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

E-governace 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. 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 student's attendance, student registration, compliance of university regulations pertaining to the students, selection of elective subjects, internal exams sending marks thereof to the university etc.

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
Nill	Mr. Abhijit De	Faculty Development Program for Student Induction	AICTE	2424
Nill	Mrs. Saumya Das	Faculty Development Program for Student Induction	AICTE	2424
Nill	Dr. Sudip Kar	Faculty Development Program for Student Induction	AICTE	2424
Nill	Dr. Paramita Dey	Faculty Development Program for Student Induction	AICTE	2424
Nill	Ms Dishari Dutta	Faculty Development Program for Student Induction	AICTE	3000
Nill	Mrs. Sudipta Roy	Faculty Development Program for Student Induction	AICTE	3000
Nill	Mr Kh. Hussan Reza	Faculty Development Program for Student Induction	AICTE	3000
2019	Dr. Biswajit Basu	Faculty Development Program for Student Induction	AICTE	3000
		View File		

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	Title of the administrative training programme organised for	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

| 3. Flexi timing for medical reason 4. Maternity leave provision for female faculties. 5. On-Duty leave provision for faculties. 6. Provision for PhD research | | 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
Supreme Educational Development Charitable Organisation for A.Y 2019-20	9416558.12	Building (Under Construction), Electrical Installation ,Office Furniture ,Others Expenses
View File		

6.4.3 – Total corpus fund generated

9416558.12

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	BY EMINENT ACADEMICIAN OF OTHER INSTITUTE	Yes	IQAC
Administrative	Yes	AICTE,PCI, M.AK.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 evaluated and implemented.

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

Skill upgradation programme are conducted each year to professionally develop support staff. Staff are requested to attend the upgradation programme and it is held in their free time so that their routine job is not hampered.

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

1.Intiatives to take up NPTEL courses by students (MAR Activities) and faculties(FDP) 2. Started Sessions on Universal Human Values and Professional Ethics by the faculties trained at AICTE sponsored FDP-SI programs
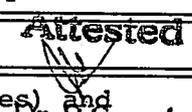
process using ICT: A demo using free LMS (CLASSROOM)				

No file uploaded.

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	
			Female	Male
A rural health camp on "Personal Hygiene, Nutrition And An Overview On Menstrual Cycle"	14/02/2020	14/02/2020	120	10

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
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	Nill	1	24/08/2019	1	Plantation of tree	Increase the	43

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| | | | maintained and no changes were made. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Student Induction Program on Human Values and professional ethics	31/07/2019	10/08/2019	92

No file uploaded.

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

• The greenery on the campus is well maintained. • Herbal garden having important medicinal plants is being maintained. • Big herbal garden with different varieties of medicinal plant is maintained under the supervision of experienced faculties from the department of Pharmacognosy. • Old big trees within the campus are being spruced regularly. A Gardener is appointed for the care and upkeep of greenery of the campus. • The campus area is being maintained as plastic free zone.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice A: 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 thes tudents so that he or she may survive latter 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 isbrought about by a. Good Teaching learning facility b. Mentoring system Thegood teaching learning facility involves • Good support of teaching staff witha balanced knowledge of industry and academics. • Standard learning aids tomake the learning process more interactive. • Efforts given beyond thecurriculum • Building an interface between professional experts and students. On the other hand mentoring system developed: • Improve the teacher studentrelationship • Proper vigilance of the students • Taking up the important problems of the student to the higher authoreties • Providing a moral boost for the student Practice : The college has tried to create an academic environmentwhich 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 onguide suggestion. The component of self learning is evaluated in these courses.• Every student has to submit a home assignment in every course which has beenevaluated for 5 marks. Some of these tasks are beyond syllabus to encourageoutstanding students to develop their self learning capabilities. • The programplanned weekly time table and facilities in such a way that the students havespace and time to explore and implement their ideas. • Computer Lab with wellequipped and internet facility opened throughout college hours for students. •College library with sufficient number of volumes on core and applicationareas, pharmaceutical and allied biomedical sciences awareness journals areopened during college working hours and students can access all kinds ofjournals and reference books. A robust mentoring system is developed at BengalSchool of Technology and involves a monthly meeting between the faculty(Mentor) with the students. All aspects of the academic development of thestudents are noted and the improvement areas for each of the students arediscussed. Number of faculty Mentors: 15 Approximate number of students

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 t o 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

8.Future Plans of Actions for Next Academic Year

As per current scenario of Covid 19, the maintenance of a quality education system and management is real. The students and faculty can not interact directly. The evaluation process has undergone a setback due to prolonged lockdown. Moreover, various psycho-social-economic factors have deeply impacted the quality education system in Globally. Under this grave situation, Bengal School of Technology has taken initiatives for more maintaining quality learning process ahead. Various initiatives aligned to the requirement of NAAC under considerations of New Pandemic condition is chalked out . They are: Enhancing the ease of the online learning process. Providing live classes using online platforms like Google Meet or Zoom, Providing materials and notes through online mode like Google Classroom. Solutions for the remote learning process. Procurement of a full-fledge Learning Management Software which can help in controlling various issues like, online class, attendance of live classes, facility for collecting online exams and assingments Conducting Webinars and web - conferences on the topics that are essential for knowledge upgradation of students and Faculty members. Enhancement of student and faculty involvement to the MOOCS: NPTEL Online Courses, Coursera, Edx Encouraging faculty members and PG students for the publication of articles and books.

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Part A

Data of the Institution

1. Name of the Institution	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	pchakroborty@rediffmail.com
Address	DELHI ROAD SUGANDHA, CHINSURAH, HOOGHLY
City/Town	CHINSURAH
State/UT	West Bengal
Pincode	712102

2. Institutional Status

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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
	View File	

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	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	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	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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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/entreprene urship	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
Nill	NIL	Nill

No file uploaded.

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

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	Nill	11
MPharm	PHARMACEUTICS	18	Nill	18
BPharm	UNDER GRADUATE	105	Nill	105
No file uploaded.				

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
No file uploaded.					
No file uploaded.					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

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

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 from14th 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	PHARMACEUT ICS	18	18	100
019	BPharm	PHARMACY U NDERGRADUATE	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)

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 !!!						
View File						

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
Nill	Nill	Nill	Nill	Nill
No file uploaded.				

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
No file uploaded.			

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	Nill
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

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	Nill

No file uploaded.

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

View File

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
No Data Entered/Not Applicable !!!			

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	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b) International	Nill	Nill	Nill
View File			

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	Nill	Nill	Nill
No file uploaded.			

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			Sports	Cultural		
2018	1ST Position	National	Nill	1	19320318018	Anal Mondal
2018	1st Position	National	Nill	1	19301916056	Ritu Majumder
2019	PARTICIP ATION	National	Nill	1	19301916056	Ritu Majumder

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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

	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.
Research and Development	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.
Examination and Evaluation	.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.
Teaching and Learning	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

		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

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		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	Nill	3
2018	Nil	Staff Up gradation program	15/11/2018	15/11/2018	Nill	4
2019	Nil	Staff Up gradation program	17/06/2019	17/07/2019	Nill	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	Nill	Nill	Nill	0

No file uploaded.

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

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

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. Tutition 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

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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 Digitalization 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 sophisticated instruments	08/12/2018	08/12/2018	08/12/2018	8
2019	Implementation 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, Hooghly-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

2019	Nill	1	28/01/2019	1	Plantation of tree	Increase the greenery of the area sarrounding	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 etheics 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

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

• The greenery on the campus is well maintained. • Herbal garden having important medicinal plants is being maintained. • Big herbal garden with different varieties of medicinal plant is maintained under the supervision of experienced faculties from the department of Pharmacognosy. • Old big trees within the campus are being spruced regularly. A Gardener is appointed for the care and upkeep of greenery of the campus. • The campus area is being maintained as plastic free zone.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice A: 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 thes tudents so that he or she may survive latter 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 isbrought about by a. Good Teaching learning facility b. Mentoring system Thegood teaching learning facility involves • Good support of teaching

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 PharmaceuticalsLtd, Palsons Derma, Diamond drugs, Stadmed Ltd. and Standard Pharmaceuticals.Outside the state the training has taken place at some major pharmaceuticalcompanies such as Microlabs Ltd, Medophrma Pvt Ltd, Wockhardt Ltd, HeteroDrugs, Zydus Cadila, Alkem Ltd and Drakt International etc. for a firsthandexperience about the working of pharmaceutical industries. The committee alsoactively seeks consultancy work from industrial houses to enhance theindustryinstitution bonding. Beside these, it also connects with the varioushospitals 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

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 t o 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

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 Ethnics for UG fresher students as a part of orientation program. 5. Initiate online digitalized feedback mechanism. And other processes by using "Google Form"

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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	pchakroborty@rediffmail.com
Alternate Email	bstpharmacy@hotmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://bengalschooloftechnology.org/naac_document

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://makautwb.ac.in/page.php?id=229

5. Accrediation Details

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

6. Date of Establishment of IQAC	22-Apr-2016

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	Attested 207
Implementation of Courses beyond the syllabus	24-Apr-2019 1	13

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 acrreditation process with necessary preperations.	Submission of NBA SAR and succesive 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 .
No Files Uploaded !!!	

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 subjects. After the subject distribution, schedule is set up with the assent of Principal and displayed in the faculty room notice boards. The equivalent is

BPharm	PHARMACY	01/08/2018

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	Nill	Nill

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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
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

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 academicals 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	Nill	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
Nill	NILNIL	Nill	Nill

No file uploaded.

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:

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
Nill	0	NIL	Nill	Nill

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	Nill	NIL

No file uploaded.

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill

No file uploaded.

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	Nill

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

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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

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	cy/collaborating agency			participated in such activites	participated in such activites
Celebration of Internationa lWomens Day	West Bengal Commission for Women and Bengal School of Technology	Gender awareness-Press for Progress,Culturalactivity,seminars		15	365
Personal Hygeine 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
No file uploaded.					

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	Nill
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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

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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	Nill

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	Nill

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 facilites
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

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 studentsp 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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

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
View File	

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 !!!		
View File		

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/ Internaional	Number of awards for	Number of awards for	Student ID number	Name of the student

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/

	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 affliated.(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-governace 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

		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

		facility isavailable 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
No Data Entered/Not Applicable !!!		
View File		

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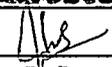
6.5.3 – Development programmes for support staff (at least three)

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 knowledege 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	Attested	Yes
c)ISO certification		No
d)NBA or any other quality audit	Dr. P Suresh	Yes

			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 boardto 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	Nill	1	04/01/2019	1	Plantation of tree	Increase the greenery of the area sarrounding	43
2019	Nill	1	10/01/2019	1	Cleaning of the surrounding (Under swach Bharat In	Increasing the awareness of Cleanliness and hygiene .	25

Attested

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Principal
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staff witha balanced knowledge of industry and academics. • Standard learning aids tomake the learning process more interactive. • Efforts given beyond thecurriculum • Building an interface between professional experts and students. On the other hand mentoring system developed: • Improve the teacher studentrelationship • Proper vigilance of the students • Taking up the important problems of the student to the higher authoreties • Providing a moral boost for the student Practice : The college has tried to create an academic environmentwhich 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 onguide suggestion. The component of self learning is evaluated in these courses.• Every student has to submit a home assignment in every course which has beenevaluated for 5 marks. Some of these tasks are beyond syllabus to encourageoutstanding students to develop their self learning capabilities. • The programplanned weekly time table and facilities in such a way that the students havespace and time to explore and implement their ideas. • Computer Lab with wellequipped and internet facility opened throughout college hours for students. •College library with sufficient number of volumes on core and applicationareas, pharmaceutical and allied biomedical sciences awareness journals areopened during college working hours and students can access all kinds ofjournals and reference books. A robust mentoring system is developed at BengalSchool of Technology and involves a monthly meeting between the faculty(Mentor) with the students. All aspects of the academic development of thestudents are noted and the improvement areas for each of the students arediscussed. Number of faculty Mentors: 15 Approximate number of students perMentor: 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 theirdoubts and improve their technical aspects of the courses. An informationdatabase of the students is maintained by each faculty mentor for specificdetails like 1. Information about the student. 2. Previous Record of thestudent (including exams cleared) 3. Academic Performance in the college 4.Competitive Examination details 5. Cocurricular activities The mentors meet thestudents periodically and review their performance in Sessional examinations,class tests and other academical activities. Guidance is given to theindividual student with respect to their academic problems. Evidence : •Improved teacherstudent relationship. • Improvement in students' attendance. •Improvement of academic performance of the students. • Improvement inparticipation in extracurricular activities. • General awareness about Raggingincreased. • Improvement in Students' discipline. • Improvement of selfconfidence of the students. Best Practice: B Title: Training and placement withIIPC (Industry Institute partnership cell) Objective: The main motive or aim ofa professional college is to train the students by exposing them to the workculture 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 alsoassure the sustainability and adaptation to profession. Context : • Providingindustrial 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 'IndustryInstituteInteraction'. In order to accomplish the same, it organizes seminars and talksto provide a platform for the budding and upcoming pharmaceutical technologiststo interact with professionals from various industries. It encourages visits tothe industries by the institute students and arranges industrial problems to beworked out by students as part of their projects. It also takes suggestionsfrom members of the industry regarding designing/changing of curriculum. Thestudents regularly visit the pharmaceutical industries like Bengal Chemicalsand Pharmaceutics Limited, Dey's

Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	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	pchakroborty@rediffmail.com
Address	DELHI ROAD SUGANDHA, CHINSURAH, HOOGHLY
City/Town	CHINSURAH
State/UT	West Bengal
Pincode	712102

2. Institutional Status

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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	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	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. Preparation and facing of NAAC audit 2. Esatablishing a oraganized total feed back system. 3. Initiation and upgradation of Mentoring system 4. Infrastructural developement including SEMINAR HALL,gym and LANGUAGE LAB

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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
Addition of infrstructural requirements mainly: Language Lab, Seminar hall, gym and ramps,	All required infrstructure were completed before NAAC Audit
Initiation and upgradation of Mentoring system	Well established mentoring system is running sucessfully helping for better coordination between teacher and students
Upgradation of FEEDBACK SYSTEM	Feedback obtained and documented sucessfully

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 Principal and head mentor. The University notifies the dates 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 by the examination cell and documented. 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 course curriculum.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill

No file uploaded.

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
BPharm	Pharmacy	01/08/2017

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	Nill	Nill

No file uploaded.

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	102

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes

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
2017	542	28	26	6	17

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
31	23	12	1	2	4

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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 bimonthly meeting between the faculty (Mentor) with the students (Mentee). All aspects of the academic and nonacademic development of the students are noted and the improvement areas for each of the students are discussed. Number of faculty Mentors: 24 (B.Pharm) Approximate number of students per Mentor: 25 students Frequency of meeting: Twice in a month. (30 days) A faculty member (Mentor) is assigned for a group of 20 to 25students 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. Cocurricular activities The mentors meet the students periodically and review their performance in sessional examinations and other academicals activities. Guidance is given to the individual student with respect to their academic problems. Student Guidance and Career Counseling 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. Thementoringsystem 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 topics.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
570	31	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
38	32	6	Nill	8

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	Designation	Name of the award, fellowship, received from

As per the University Academic calendar college prepares a planned college calendar. The dates which are decided by the college is notified to the PG UG students through the notice circulated and displayed in notice board. As prescribed by the University the slot I and slot 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 University. Total course curriculum for the academic year 201718 is divided in to two semesters (Odd Even Semester). Slot I II examination for the odd semester were held from 13th to 15th September 2017 16th to18th November 2017 respectively. The main practical examinations were held from 16th to18th November 2017. The main semester Examinations were held from 5th to 19th December 2017. In the same pattern the course curriculum for the even semester for the academic year 201718 was prepared and followed accordingly. Slot I II examination for the even semester were held from 20th to 22th March 2018 03rd to 05th May 2018 respectively. The main practical examinationswere held from10thto17th May 2018. The main semester Examinations for UG and PG commenced from 22nd May and ended on 04th 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)

http://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
203&202	MPharm	Pharmaceutics&Pharmacology	10	10	100
019	BPharm	Pharmacy	139	130	93.5
No file uploaded.					

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)

http://bengalschooloftechnology.org/sssf

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
Nill	0	nil	Nill	Nill
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   Attested

Title of workshop/seminar	Name of the Dept.	Date

Dr P.Suresh

of aging theories and disease related agingan overview	Dey	tor			School of Technology	
11 synergy of antimicrobial Peptides	Prof. (Dr.) Chowdhury Mobaswar Hossain	Antimicr obial Peptides: Discovery, Design and Novel Ther apeutic Strategies	2017	1	University of Florida	1
Antifungal potential of host defense peptide mimetics in a mouse model of d isseminate d candidia sis	Prof. (Dr.) Chowdhury Mobaswar Hossain	Journal of Fungi	2018	1	University of Florida	1
Potent in vitro and in vivo antifungal activity of a small molecule host defense peptide mimic through a membraneac tive mechanism	Prof. (Dr.) Chowdhury Mobaswar Hossain	Scientific reports	2017	6	University of Florida	5
No file uploaded.						

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
. Potent in vitro and in vivo antifungal activity	Prof. (Dr.) Chowdhury Mobaswar Hossain	Scientific reports	2017	1	1	University of Florida

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
0	0	0	0

No file uploaded.

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	Evaluation of adverse drug reaction in a tertiary Care hospital in Kolkata:An observational Study	R.G Kar Medical College and Hospital,Kolkata	01/08/2017	02/05/2018	Mr.AbhikSaha
Post Graduate Research WorkPost Graduate Research Work	Biochemical and molecular Characterization of Leishmaniadonovani exposomal membrane protein analougue	Indian Institute of Chemical Biology,Kolkata	01/08/2017	02/05/2018	Mr.Rohan Pal
Post Graduate Research Work	Formulation and evaluation of matrix type transdermal Patch of Tramadol Hydrochloride	Albert David Pvt.Ltd.Kolkata	01/08/2017	02/05/2018	Mr.Saptarshi Mondal

No file uploaded.

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

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(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	Nill

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	110	51	10	51	51	5	23	10	0
Added	8	4	22	4	4	2	4	22	0
Total	118	55	32	55	55	7	27	32	0

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

32 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	Nill

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 facilites
33.1	24.98	28.93	27.83

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)

Bachelor of Pharmaceutical Technology (B.Pharm) Pharmacy is a noble profession touching the lives of all human kind. Since time immemorial, the Pharmaceutical Technologists have been experts on drugs. From the oldest written document on medicines, Ebers papyrus, whose origin is estimated to be as far as 3400 BC, and then through the scintillating genius of Galen, Pharmacy has evolved into a most modern profession encompassing a multitude of sciences and technologies. In modern times, Pharmacists play vital role in both clinical and industrial fields. In clinical setup, Pharmaceutical Technologists are the last man standing between physicians and patients with regard to the use of drugs and medicines. They form the vital component of the PhysicianPharmaceutical TechnologistNurse triad looking after the wellbeing of the patient. Today role of Pharmaceutical Technologists play pivotal role in Research, Drug Discovery, Industrial Production of medicine, Quality Assurance Quality Control of medicines and their production, Drug Regulatory Affairs, Education, Pharmaceutical Marketing and in a plethora of fields related to drugs and pharmaceuticals. Due to the complexity of processes involved in drug discovery to drug utilization, Pharmaceutical Technologists need to be experts

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	scheme	benefited students for competitive examination	benefited students by career counseling activities	students who have passedin the comp. exam	studentsp placed
2017	Nill	Nill	Nill	Nill	Nill
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
No Data Entered/Not Applicable !!!		

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
No file uploaded.					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2017	Nill	Nill	Nill	Nill	Nill
View File					

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	Nill
No file uploaded.	

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 !!!		
View File		

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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Nill	National	Nill	Nill	Nill	Nill
View File						

authority to develop the work culture of the college and ensure professional development of the employees. Another decentralization process practiced at the institute includes functioning of ECell where dignitaries from Industry are invited and different competitions are arranged for development of future Entrepreneurs

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 visit the instiutute from time to time and conduct seminar. Memorandum Of Understanding with companies are used to establish relationship. Successful Entrepreneurs visit the institute to create awareness. Industrial experts enlighten the students.
Human Resource Management	? Human Resource Management Quality faculties are recruited through interview process. The recruitment board is constituted as per recommendation of the authorities. Advertisement for recruitment is published. Appraisal System is in place. Application of leave is accepted with proper replacement of duty and the form is duly signed by the leaver
Library, ICT and Physical Infrastructure / Instrumentation	Provision of DELNET,BENTHAM,LIBSYS is available at the library. CDs of text books, are available and ebooks, e journal are subscribed. Campus is WIFI enabled. Improvement of storage area for toxic chemical is improvised at the central store of the institute. The playground has been extended to enhance sports activity at college.
Research and Development	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

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| | oriented teaching, which would help the students to excel in their Professional life ahead. |

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

E-governace area	Details
Planning and Development	The planning and Development activities of the Institute initiates from the meeting of Governing Body. In the meeting, the detailed annual Budget is presented by the Director/ Principal of the Institute and each item mentioned therein are discussed. While approving the budget, the Director/ Principal is directed to keep a close vigilance on deployment of funds on each head and a periodical report copy is submitted to the Governing body members. The Governing Body members revisit the progress and give their consent to the deviation, if any. This is a way of approving a revised budget. However, induction of web based ERP system for other areas of operation of Institute, it has been decided to extend the e Governance to the same.
Administration	Implementation of E Governance for administration is under process. The institute has approached the company LogicracikinfosystemPvt Limited for ERP. The setup is under process. The system will provide services for Human Resource Management including leave application, employee information, employee leave report, employee attendance, all employee payslip,employee increment list, salary head updation,employee individual report yearly holiday configuration. The other academic administration include student attendance, student registration, student elective subject selection etc.
Finance and Accounts	Implementation of E Governance for finance and accounts is also under process. The system package from the company LogicracikinfosystemPvt Limited, includes payroll, statutory salary configuration, P.Tax slab configuration, monthly pay slip generation, PF register, ESI register, Semester fees generation, Hostel fees generation, accounts, accounts group, general ledger, cost center, bank account, receipt payment voucher, student caution money,purchase bill payment etc.

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organized by the College for teaching staff				

No file uploaded.

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
AICTE SPONSPORED QUALITY IMPROVEMENT PROGRAMME AT JADAVPUR UNIVERSITY, QIP NODAL CELL (PHARMACY)	2	23/02/2018	09/03/2018	15
AICTE SPONSPORED QUALITY IMPROVEMENT PROGRAMME AT JADAVPUR UNIVERSITY, QIP NODAL CELL (PHARMACY)	2	18/03/2018	26/03/2018	9
AICTE SPONSPORED XXVII QUALITY IMPROVEMENT PROGRAMME AT DIPSAR, DELHI	2	02/04/2018	06/04/2018	5

No file uploaded.

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
9	Nill	12	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Contributory Provident fund provision 2. Flexi timing for medical reason 3. Maternity leave provision for female faculties. 4. OnDuty leave provision	1. Earn Leave facility 2. Maternity leave provision is there	1. Tutition fee waiver 2. Tutorial classes are provided for weaker students. 3. GPAT Coaching classes are conducted for students aspiring for higher

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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
No Data Entered/Not Applicable !!!					
View File					

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	
			Female	Male
PRESS FOR PROGRESS A PART OF WOMEN'S DAY CELEBRATION	17/03/2018	17/03/2018	210	90

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
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 Percentage of power requirement of the College met by the renewable energy sources • Its under process

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

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
2017	Nill	1	31/08/2017	1	Blanket distribution	Distribution of blankets to the local poor people from surrounding village	25

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the care and upkeep of greenery of the campus. • The campus area is being maintained as plastic free zone.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice: A 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 authoreties • 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 teacherstudent 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

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Jayanta Chattopadhyay
Phone no/Alternate Phone no.	03326866064
Mobile no.	9163321091
Registered Email	bstpharmacy@hotmail.com
Alternate Email	jc.chattopadhyay@yahoo.co.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://bengalschooloftechnology.org/naac_document

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://bengalschooloftechnology.org/academic_calendar

5. Accrediation Details

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

6. Date of Establishment of IQAC	22-Apr-2016

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
No Data Entered/Not Applicable!!!		
No Files Uploaded !!!		

Sucessfully face NAAC audit	Got NAAC accreditation of B grade with cgpa .
No Files Uploaded !!!	

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	2018
Date of Submission	27-Feb-2018
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 commencement of the classes' senior faculty member from each department discuss with the principal for the subject allotment with respect to the prescribed syllabus and number of hours. After the subject allotment, timetable is prepared with the consent of Principal and published in the notice boards. The same is intimated to the subject teachers through internal circular. After publication of the time table, the concerned faculty members are instructed to submit the projected lesson plan for the respective subjects. The projected lesson plans are also circulated among students. Simultaneously the practical classes are conducted. The dates for slot examinations are decided mutually by the Principal and Officer-In-Charge of the examination cell. To enhance the effectiveness of teaching-learning, the faculty members are instructed to use interactive teaching skills i.e power point presentations, live videos, models, etc. Faculty are instructed to intimate the source of material to the students (text books, internet, journals, e-books, etc).Subject wise course files are made available in the examination section for the reference of teachers. Regular viva-voce is conducted in the practical classes and the marks are documented. The marks for the internal practical are divided as performance, involvement and viva. The marks for consolidated lab attendance are added at the completion of the semester. Before two weeks of the slot examination, the faculty 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

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

A 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 20172018, 97 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. • RESOLUTIONS OPTED AFTER THE FEEDBACK ANALYSIS TO ACHIEVE EXCELLENCE IN ALL CATEGORIES: 1. LIBSYS software has been strengthened and around 600 books along with subscription of journals have been ordered for the students. 2. Speed of Internet has been increased for ease of access to ebooks and journals. 3. Canteen staffs have been advised to maintain good quality of food. • ANALYSIS OF ALUMNI FEEDBACK: Likewise, a feedback form has also been developed 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 for the following: 1. Grooming classes and Softskill classed has been increased in the routine. 2. Frequency of instrument handling (HPLC, FTIR) has also been increased for UG students. 3. Seminars have been organized in the institute having Speakers from Industry background. • ANALYSIS OF 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 et

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
BPharm	Pharmacy	126	126	Attested 125

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2.2 – Catering to Student Diversity

	state level, national level, international level		Government or recognized bodies
2017	Chowdhury Mobaswar Hossain	Principal	Best Teacher Of The Year ,2017 Maulana Abul Kalam Azad University of Technology
2017	Abhijit De	Assistant Professor	SHISHAK SHRI AWARD, 2017 SamrastraManch, New Delhi
No file uploaded.			

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
MPharm	203 202	3	18/12/2017	12/03/2018
MPharm	203 202	2	04/06/2018	04/10/2018
MPharm	203 202	1	19/12/2017	13/03/2018
BPharm	019	8	29/05/2018	29/07/2018
BPharm	019	7	14/12/2017	03/02/2018
BPharm	019	6	04/06/2018	01/08/2018
BPharm	019	5	18/12/2017	03/02/2018
BPharm	019	4	31/05/2018	01/08/2018
BPharm	019	3	16/12/2017	03/02/2018
BPharm	019	2	30/05/2018	01/08/2018
BPharm	019	1	18/12/2017	03/02/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Continuous Internal Evaluation (CIE) system was reformed in the academic year 201718. 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) was reframed in the academic year 201718 which is composed of Internal members of the college and two external members outside the college, related to pharmacy. Internal question paper assessment committee (IQPAC) proposed a standard question paper format to be followed for all the subjects which contained the parameters like innovation creativity, numerical, objectives and subjective questions. Based on the above parameters, all the slot question papers were evaluated by the committee members. The question papers were categorised in the range of 3 to 1 (where 3High quality, 2 Average quality, 1 Below average quality). Attested

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

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National Seminar on Intellectual property Rights	Pharmaceutics	03/11/2017
Development of newer molecules in Pharmaceutical company across the world and obeying ethics in the related field	Pharmaceutics and Pharmacology	09/10/2018

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	Nill	nil

No file uploaded.

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
nil	nil	nil	nil	nil	Nill

No file uploaded.

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
Pharmaceutical Technology	1

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)
International	Pharmaceutical technology	9	2.45

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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
Pharmaceutical technology	13

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
Basics	Abhijit	Pharmatu	2017	3	Bengal	3

of a small molecule host defense peptide mimic through a membraneactive mechanism						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Nill	Nill	Nill	Nill	Nill
No file uploaded.				

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
Health Check up	Apollo Telemedicine Networking Foundation	5	10
No file uploaded.			

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
0	0	0	Nill
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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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Celebration of Internatinal Womens Day	West Bengal Commission for Women	Gender awareness,Cultural activity,seminars	4	300
AIDS Awareness Camp	Bengal School of Technology	Awareness camp	6	150
Swachh Bharat	Bengal School of Technology	Cleaning of roads and garden of the college premises	5	250
No file uploaded.				

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nil	Nill	nil	Nill

No file uploaded.

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
20	19.2

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Existing

No file uploaded.

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 patially)	Version	Year of automation
Libsys	Partially	Lsease/Window	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6814	3615839	1066	821453	7880	4437292
e-Books	10852	13570	Nill	Nill	10852	13570
Journals	17	55910	5	57310	22	113220
e-Journals	23	113021	23	94418	46	207439
Digital Database	3	225988	1	80000	4	305988
Library Automation	1	118000	Nill	Nill	1	118000

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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

who touch several sciences and technologies during their education and career. They need to be proficient in such varied fields as Medicinal chemistry, Pharmaceutics, Pharmaceutical biology Pharmaceutical Microbiology, Pharmacology, Pharmacognosy, Applied Biochemistry Pharmaceutical Biotechnology, Pharmaceutical engineering, computers IT, Biostatistics, Mathematics, etc. in order to efficiently carry out their assigned roles in diversified fields. At present the Pharmaceutical education in India is divided into three tiers ? Diploma, UG and PG degrees in Pharmacy and its various specializations. Bengal School of Technology offers both UG and PG education in Pharmacy as well as opportunities exists for the students to pursue their Doctoral research utilizing the facilities available in the Institution. Master of Pharmacy (Pharmaceutics) The Department of Pharmaceutics at BST is well equipped with stateoftheart facilities and boasts of highly experienced faculty from academia, industry and pharmaceutical profession. The department has one research lab and one departmental lab with sterile manipulation facilities where PG students are imparted training and exposed to modern pharmaceutics research activities. The department also has UG labs for regular training of undergraduate students on contemporary pharmaceutics knowledge. 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 lectures delivered by resourcepersons drawn from Industry research Institutions. Master of Pharmacy (Pharmacology) Pharmacology is a specialization in Pharmacy that deals with the study of drugs. In this specialization, students learn to study and identify the effects of drugs in both animal and human models as well as in patients. They study how the drugs and pharmaceuticals interact with the biological components of the body. It is a complex science requiring background in several ancillary subjects such as biochemistry, anatomy, physiology, etc.

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	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b) International	Nill	Nill	Nill
No file uploaded.			

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
No Data Entered/Not Applicable !!!			
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	Number of	Number of	Number of	Number of

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 Grievance Cell, • Anti-ragging committee and Squad • Magazine and Publication Committee • Entrepreneurship Development Cell • Magazine and Publication Committee • Welfare Committee • Boy's Hostel Committee • Girl's Hostel Committee • Canteen 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 Data Entered/Not Applicable !!!

5.4.2 – No. of enrolled Alumni:

No Data Entered/Not Applicable !!!

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

3 meetings per annum

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)

Management believes in decentralization or delegation of power to the lower authorities. This practice of decentralization in our institute is done by formation of different committees and their execution throughout the academic year. Frequent meetings are conducted for the smooth functioning of the committee. 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. Antiragging 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 Each committee is reformed every year and frequent meetings are conducted in order to ensure proper execution of responsibilities. This process of decentralization ensures that all academic and nonacademic activities of college are organized and maintained by group of faculties, nonteaching staff and student representatives, so that working is decided by a particular group in concern. This method of delegation ofd power helps the

	experiments. Sophisticated instruments are available to analyze samples.
Examination and Evaluation	Internal question paper assessment committee (IQPAC) proposed a standard question paper format to be followed for all the subjects which contained the parameters like innovation creativity, numerical, objectives and subjective questions. Examination cell is formed each year to ensure fair and smooth examination process. Examination calendar is prepared each year to maintain punctuality. Officer in charge of examination looks after various examinations that are held each year. Invigilators are instructed to maintain discipline as per the manual given by examination cell.
Teaching and Learning	Faculties prepare lesson plan in advance. This ensures proper coverage of syllabus and appropriate weightage to each section. Students of this institution are encouraged for higher education thus GPAT and other related examination, coaching is provided so that students can qualify and secure good position in the examination. Students come from various backgrounds and confront English speaking and writing difficulty in their first year itself. Communication classes are arranged for such difficulties. Welldeveloped language laboratory and qualified faculty groom such students. Faculties employ audio visual method to enhance learning process. Chemical Models are used to teach different structures Herbarium are used to study plant morphology. Student elective subject mapping will be in place once the system for egovernance will take place
Curriculum Development	Pharmacy Council of India has revised the B.Pharm syllabus from the year 2017. The college is affiliated to Pharmacy Council of India and has been teaching the revised syllabus from thereafter. The revised syllabus is reviewed at the University (Maulana Abul Kalam Azad University of Technology) as well and Director (Academic)from the institution are involved in different levels of working of the University, including apex bodies and are actively taking part in the decision making. Faculties are also encouraged to develop more application

Student Admission and Support	ECounseling 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	Examination cell practices the process of informing faculties and support staff through emails. Separate email id is maintained by the examination cell to monitor the process of submission of question paper and it's confidentiality. Internal marks of students are prepared in MSoffice. Online uploading of internal marks to the university portal,is practiced at the institute. EChecking of semester examination answer sheet is encouraged.

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
2017	SUDIPTA ROY	Revisiting Pharmacology As A Translational Discipline	Indian Pharmacological Society Bengal Branch	Nill
2017	RAJA CHAKRAVERTY	Revisiting Pharmacology As A Translational Discipline	Indian Pharmacological Society Bengal Branch	Nill
No file uploaded.				

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)
2017	professional devel opment training programmes	Nill	10/11/2018	11/11/2018	3	Nill

for faculties. 5. Provision for PhD research		education. 4. Gym facility isavailable 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)

Institution conducts internal and external financial audits regularly (with in 100 words each) The institute has engaged qualified (Chartered accountant)financial auditors. Financial audit take place annually.

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
NIL	0	0
View File		

6.4.3 – Total corpus fund generated

11654260

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	Expert from Prestigious Institute	Yes	IQAC
Administrative	Yes	AICTE,PCI, M.AK.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 evaluated and implemented.

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 discussed are given below: 1. Preparation and preservation of reagents. 2. Handling of Chemicals and Solvent 3. Use and Maintenance of Weighing balance and pH meter.

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

1. Development of ICT and learning tools for inetractive learning. 2. Encouraging faculties for more FDP and refresher courses. 3. Setting up of NSS unit within the college.

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

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2017	Nill	1	03/12/2017	1	Health Checkup Camps	Free health checkup for the people of local community.	30
2018	Nill	1	06/03/2018	1	Plantation of Medicinal Plant	Increasing the greenery of the area	13
2018	Nill	1	18/04/2018	1	Plantation of Medicinal Plant	Increasing the greenery of the area	15
2018	Nill	1	18/07/2018	1	Plantation of Medicinal Plant	Increasing the greenery of the area	15

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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	18/01/2018	To follow up human values and professional etheics involved activities on – Gender equality, women upliftment, health checkups for catering responsibility towards society. The faculties and students are encouraged to participate in various professional upliftment programme.

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	24/01/2018	24/01/2018	25

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

• The greenery on the campus is well maintained. • Herbal garden having important medicinal plants is being maintained. • Big herbal garden with different varieties of medicinal plant is maintained under the supervision of experienced faculties from the department of Pharmacognosy. • Old big trees in the campus are being spruced regularly. • A Gardener is appointed for

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 be 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 'IndustryInstitute 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, Medophrma Pvt Ltd, Wockhardt Ltd, Hetero Drugs, 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 industryinstitution 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

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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 t o 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. Among the various program the most interactive one is 50 rupees venture. In this students are given 50 rupees each to initiate a business proposal and execute it. 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

8.Future Plans of Actions for Next Academic Year

1. Preparation and up-gradation of documents for NBA Audit. 2. Application for starting the new course: Diploma in Pharmacy (D.Pharm) 3. Infrastructural

Development: Provision of lift, smart classroom, the extension of ground to facilitate in campus sports. 4. Upgradation of Library involving the inclusion of new titles and volumes. Digitalization of library with OPAC installation. 5. Upgradation of laboratory requirements such as procuring new additional equipment and instruments such as Tablet Dissolution apparatus, UV Spectrophotometer, Fuming cupboard, along with maintenance of existing instruments. 6. Initiation and amalgamation of ERP with the college functioning. 7. Encouraging staff to attend the conference. 8. Functioning of NSS units with distinct work initiatives. 9. Digitalization and functioning of Grevience and redressal Cell 10. Implementation of Blooms taxonomy for question papers. 11. Initiating and encouraging faculty to enrich ICT based learning. 12. Increasing publication and FDP programs for the upgrading of faculty members. 13. Encouraging students to take up online courses like SWAYAM, MOOCS, etc.

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BENGAL SCHOOL OF TECHNOLOGY
(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi & All India Council for Technical Education, New Delhi

Affiliated to : Maulana Abul Kalam Azad University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) &
West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT & VE & SD)

Accredited by NAAC, Accredited by NBA for B. Pharm

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

Date_____

Ref. No._____

COMPOSITION OF IQAC

SL. NO.	PARTICULARS	NAME OF THE PERSON	DESIGNATION	IQAC
1.	Head of the Institution	Dr. P. Suresh	Principal	Chairman
2	Teachers to represent all level (Three to Eight)	Mr. Biswanath Ghosh	Associate Professor	Member
		Dr. Sudip Kumar Kar	Associate Professor	Member
		Dr. Dharmajit Pattanayak	Associate Professor	Member
		Mr. Atanu Chatterjee	Associate Professor	Member
		Mrs. Saumya Das	Associate Professor	Member
		Dr. Raja Majumder	Asst. Professor	Member
		Mrs. Dishari Dutta	Asst. Professor	Member
		Mrs. Sudipta Roy	Asst. Professor	Member
3	One Member from the Management	Mr. Dillip Kumar Mondal	CEO cum Secretary, SEDCO Trust.	Member
4	Few Senior Administrative Officers	Mr. Arunava Das	Administrative Officer	Member
5	One Nominee each from Local Society, students, Alumni	Mr. Sudip kumar Roy	General Secretary, Chuchura Sramajibi Swasthya Prakalpa Samity	Member
		Mr. Rajesh Dey (M.Pharm)	Student	Member
		Miss. Adrika Mondal (M.Pharm)	Student	Member
		Miss. Mehzabeen Fariha (B. Pharm)	Student	Member
		Mrs. Somalika Ghosh (D. Pharm)	Student	Member
		Ms. Anisha Chakraborty	Alumni	Member
6	One nominee each from Employer/Industrialist/Stake Holder	Mr. Manas Mukherjee	Sr. Manager, Quality Assurance, Dey's Medical Pvt. Ltd. Kolkata	Member
		Mr. Khudiram Modak	Parent	Member
7	One of the Senior Teachers as the Coordinator/Director of IQAC	Dr. Paramita Dey	Professor	Coordinator

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