



## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		BUDGE BUDGE INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Prof. (Dr.) C.V. Reddy
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		033-24820676
Mobile no.		9830130513
Registered Email		director@bbit.edu.in
Alternate Email		executivedirector@bbit.edu.in
Address		Nischintapur, Budge Budge
City/Town		KOLKATA
State/UT		West Bengal
Pincode		700137
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof. (Dr.) S.K. Brahma
Phone no/Alternate Phone no.	03324820676
Mobile no.	9830147737
Registered Email	iqac@bbit.edu.in
Alternate Email	agm.admin@bbit.edu.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.bbit.edu.in/download-file">http://www.bbit.edu.in/download-file</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.bbit.edu.in/AQAR2016-17.pdf">http://www.bbit.edu.in/AQAR2016-17.pdf</a>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.56	2016	16-Sep-2016	15-Sep-2020

<b>6. Date of Establishment of IQAC</b>	01-Sep-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
Encouraged the faculty members to pursue research in their respective field of study	11-Oct-2016 1	20
Conducted remedial	13-Dec-2016	62

coaching for slow learning students to enhance their learning capability	1	
Encouraged the faculty members to include innovative practices in their teaching sessions	22-Feb-2017 2	55
Conducted several meetings with faculties to prepare research proposals to be submitted to external funding agencies	20-Apr-2017 1	19
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
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)**

Encouraged the faculty members to pursue research in their respective field of study.

Conducted remedial coaching for slow learning students to enhance their learning capability.

Encouraged the faculty members to include innovative practices in their teaching sessions.

Conducted several meetings with faculties to prepare research proposals to be submitted to external funding agencies.

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
Preparation of student satisfaction survey (SSS) report	Student satisfaction survey (SSS) report has been prepared by IQAC
Preparation of students' database	Students' database has been prepared with category wise and gender wise distribution analysis
Introduction of students' achievement section in the college website	Students' achievement web-page has been started under "Students' corner" in the college website. Achievements of students have been uploaded in the webpage
No Files Uploaded !!!	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Board of Governor	14-Dec-2016

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2017

Date of Submission

15-Feb-2017

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Administrative Office and Accounts section has already been computerized. Applications for admission are accepted

as online application, though the admission procedure has been done offline. Through messaging service various stakeholders are informed about important notifications. College website has been upgraded giving emphasis on campus wide information system.

## 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

1) At the beginning of each academic session, college prepares its proposed academic calendar, which is uploaded in the college website. The proposed academic calendar is prepared according to the notices and circulars received from the affiliating university. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular, extension related and co-curricular activities 2) Orientation programme is organized every year for newly admitted students to make them aware of the mechanism for curriculum delivery and implementation 3) Based on the departmental routine, departments conduct meetings for allotment of classes and syllabus distribution among the teachers. Students are given details of teaching assignment of each teacher at the beginning of a session by the department 4) Routine committee of the college prepares the master routine and circulates it to different departments. Routine is prepared strictly in accordance to the number of credit points mentioned in the prescribed syllabus of each course offered by the departments. Routine is prepared by the routine committee. 5) Based on the teaching assignments allotted in the syllabus distribution, teachers prepare their "teaching plans" according to the number of lectures allotted in the university syllabus for each topic

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
<b>No Data Entered/Not Applicable !!!</b>					

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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
<b>No Data Entered/Not Applicable !!!</b>		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

### 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
National Service Scheme	04/10/2017	92
Soft Skill Development	08/12/2016	195
Technical Training	15/02/2017	225
General Aptitude	14/06/2017	149
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
BTech	Summer Internship	269
BTech	Summer Internship	106
No file uploaded.		

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Feedback on the teaching-learning process is received from students as Students satisfaction survey based on a structured questionnaire framed and approved by the IQAC of this college. The received feedback is then analyzed by the IQAC and is also forwarded to the Head of the institution with necessary suggestions based on this feedback. Teachers provide informal as well as formal feedback to the head of the institution on different academic, administrative and other affairs related to the college. Members of anti ragging committee and Internal complaints committee also receive feedback from students through class campaigns. Grievances (if any) and necessary suggestions can be registered to the Grievance Redressal cell of the college. The cell composition is altered every year at the beginning of academic session. Departments receive feedback from parents through parent teacher meetings and discuss different issues related to the overall development of their ward. The college is planning to introduce online feedback system from the academic session 2019-2020.</p>

### 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
MBA	Finance, Marketing, HR	60	45	32
BTech	CE, ME, EE, ECE, CSE	420	576	276
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
2016	276	36	190	10	5

## 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
205	127	15	6	6	17
No file uploaded.					
No file uploaded.					

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

To increase the teacher-student contact hours To encourage advanced learners To decrease the student drop-out rates To prepare students for the competitive world To identify and address the problems faced by slow learners and first generation learners Every year, departments individually organize orientation sessions on the class commencement day for students of first semesters and explain the designing and implementation of the mentoring system of the department. Departmental teachers. In the mentoring process, all necessary information related to the student such as the contact number, email of the student, family income, category, gender etc are initially collected by the department through the student database format provided by the IQAC. Departments maintain the records of class tests/surprise tests, attendance records, records of student seminars etc related to the reviewing of the performance of the students. Time factor is a major constraint of the mentoring system, especially after introduction of the CBCS To overcome this constraint, teachers sometimes suggest students to provide the list of difficult questions and problems faced by them while preparing for competitive examinations and then the teachers provide solutions in written form to the students. In some departments, tutorial classes are also organized for students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2191	205	1:11

## 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
-----------------------------	-------------------------	------------------	--	--------------------------

27	30	0	30	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
2017	Dipak Kumar Shaw	Assistant Professor	NPTEL
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
BTech	007	2017	25/06/2017	25/08/2017
BTech	001	2017	25/06/2017	25/08/2017
BTech	013	2017	25/06/2017	25/08/2017
BTech	016	2017	25/06/2017	25/08/2017
BTech	003	2017	25/06/2017	25/08/2017
No file uploaded.				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The standard continuous internal evaluation process that has been in place at Budge Budge Institute of Technology for several years and has been continued in the academic session 2016-2017 as well. The number of departments conducting class tests has increased from 20 to 40 in the academic year 2016-2017. Internal assessments are conducted as per university rules and timely evaluation is being done. Feedback for students is given to improve their writing skills and extra classes with unite tests and improvement tests are conducted. Hard and soft copy of the academic calendar is distributed among the students before the beginning of the academic session. The academic calendar contains national, state level, local and institutional holidays along with various events that is being celebrated by the college throughout the year.

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

The institution is an affiliated college. Examinations are conducted at the end of each semester by the affiliating University. College informs students about the university notices and circulars related to the examinations from time to time through student notice board, departmental notice boards, college website and also verbally by the faculty members of the department. All departments conduct internal assessment of students and students are well informed about these internal examinations well in advance by the department. Internal assessment dates are also provided by the college in the proposed academic calendar prepared at the beginning of each academic session, which is uploaded in the college website.

## 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://bbit.edu.in/pages/mechanical-engineering-me-po-peo-pso>

### 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
013	BTech	Civil	142	108	76.05
007	BTech	Mechanical	150	128	85.33
016	BTech	Electrical	71	51	71.83
003	BTech	Electronics & Communications	71	59	83.10
001	BTech	Computer Science	66	59	89.40
	MBA	Marketing, Finance, HR	18	15	83.33
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)

<https://bbit.edu.in/pages/b-tech-b-tech-students-achievements>

## 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
Industry sponsored Projects	180	Jagannath Gupta Institute of Medical Sciences Hospital	1	1
Industry sponsored Projects	90	JKB Gas Pvt. Ltd.	2.5	2.5
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
Geo-technical Engg	Civil Engineering	06/08/2016
MATLAB/Simulink/Labview for Engg. Applications	Mechanical Engineering	09/07/2016
Laser induced fluid	Basic Science and	13/04/2017

instabilities in ICF	Humanities	
Recent Advancement in Digital Image Processing	Computer Science Engineering	03/01/2017
Trust Based Security in WSN	Computer Science Engineering	22/12/2016
IEEE International Conference on Computing , Analytics and Security Trends	Computer Science Engineering	21/12/2016
IEEE International Conference on Signal Processing, Communication, Power and Embedded System	Computer Science Engineering	05/10/2016
Transformer Diagnostics and AC Drives	Computer Science Engineering	21/04/2017
Trends in Power Generation and Utilization	Electrical Engineering	23/05/2017
Generation and Utilization of Electric Power	Electrical Engineering	24/04/2017
IEEE International Conference on Computational and Intelligence and Computing	Computer Science Engineering	17/12/2017
E-Business Summit (First Edition)	Computer Science Engineering	24/09/2017
ICT Solution for Digital and Smart West Bengal	Computer Science Engineering	25/07/2017
Detection of Failure and Fault Diagnosis in Rotating Electrical Machinery	Electrical Engineering	18/10/2017

### 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
1st Prize in Instridge Event	Md Jamil Ansari, Aheli SOm, Barnali Patra	Megalith 2017, CE Tech Fest, IIT Kharagpur	10/03/2017	Students
No file uploaded.				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Mobile Apps Development	Apps Development Club	Self	Mobile Apps Design and Development	To encourage Entrepreneurship	09/11/2016
No file uploaded.					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
	30000	88000

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

Name of the Department	Number of PhD's Awarded
Basic Science and Humanities	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)
No Data Entered/Not Applicable !!!			
No file uploaded.			

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

Department	Number of Publication
Electronics and Communications	1
No file uploaded.	

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

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

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
DC grid/bus tied DFIG based wind energy system	Rishabh Dev Shukla Prof. R.K. Tripathi	Renewable Energy, An International Journal (Publisher: Elsevier) [ISSN: 0960-1481]	2017	15	2	England (SCI and Scopus Indexed)
Demand Aware Voltage Control of Hybrid Renewable Energy	Rupam Bhaduri, Soubhik Bagchi, G. Renukaprasad	Transactions on Electrical and Electronic Materials	2017	15	3	Springer (Scopus)

Tied Uneven Multi-level Smart Inverter						
PSO Optimization of the Controller Parameters for an Inherently Unstable Attraction Type Levitation System	Rupam Bhaduri, Soubhik Bagchi and Subrata Banerjee	International Journal of Engineering and Technology (IJET)	2017	18	2	Online (Scopus)
Optimal Stabilization of Social Welfare under Small Variation of Operating Condition with Bifurcation Analysis	S Chanda, A De	Journal of The Institution of Engineers (India)	2017	6	4	Springer (Scopus)
Optimization of Fractional Order PID Controller using Grey Wolf Optimizer	S. K. Verma, S. Yadav and S. K. Nagar	Control Autom Electr Syst	2017	14	4	Springer (Scopus)

No file uploaded.

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	3	2	10

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
Medical Camp	Jagannath Gupta	25	56

	Institute of Medical Sciences and Hospital		
Campus Cleaning	NSS	5	42
Environmental Awareness Programme	NSS	3	23
Rally for World AIDS Day	NSS	8	73
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
Heath Care Awareness Program	Recognition	Jagannath Gupta Institute of Medical Sciences and Hospital	21
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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachha Bharat	NSS	Campus Cleaning	25	86
AIDS Awareness	NSS	Rally on world AIDS Day	8	25
Gender Issue	NSS	Gender Equality Awareness	11	33
Blood Donation Camp	Arti Nursing Home	Heath Camp	15	54
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
IIT Kharagpur, CE, Tech Fest, Megalith	18	7300	3
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
Softskill	Communicatio	Priyanka	18/01/2017	24/01/2017	125

Training	n Skills, Leadership Quality, Public Speaking	Chatterjee			
Technical Training	HTML, JAVASCRIPT, CSS, JQUERY	OGMA Techlab	14/11/2016	10/12/2016	98
Internship	Vocational Training	Garden Reach Shipbuilders Engineers Ltd	10/04/2017	20/04/2017	5
Internship	Vocational Training	IVL Dhunseri Petrochem Industries Pvt. Ltd.	15/05/2017	03/06/2017	2
Internship	Practical Training at the Factory	Soil Enviro Industries Pvt. Ltd.	15/05/2017	25/05/2017	8
Internship	Excavation Workshop	Bharat Coking Coal Limited	03/03/2017	31/03/2017	3
Internship	PHP, CSS, JAVA SCRIPT MY SQL	Perfect Technology Center	15/11/2016	30/11/2016	7
On-Job Training	On-Job Training	Globsyn	23/12/2016	07/01/2017	2
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
Cyient	03/11/2016	Placement Training	67
Nicco Venture	23/08/2016	Placement Training	36
New Edge	02/08/2017	Placement Training	160
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
71500000	70493856

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	Newly Added

Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	Newly Added
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 partially)	Version	Year of automation
LIBSYS	Fully	Z.39.50	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
e-Journals	5	11500	8	14250	13	25750
Text Books	300	127781	360	150000	660	277781
Journals	8	200000	4	94550	12	294550
Library Automation	1	65531	1	65531	2	131062
No file uploaded.						

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
Dr. Tilottama Roy	MOOCS	Online	28/11/2016
Mr. Debajit Banerjee	NPTEL	Online	19/04/2017
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	591	13	62	1	1	4	3	64	0
Added	50	1	2	0	0	1	2	0	0
Total	641	14	64	1	1	5	5	64	0

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

64 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
BBIT Digital Library	<a href="http://172.16.0.9/">http://172.16.0.9/</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
400000	361003	1280000	1166190

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)

The college ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities like - laboratory, library, sports complex, computers, classrooms etc. The college boasts of well-equipped Electronics and Electrical Engineering Labs, Mechanical Engineering Labs, Civil Engineering Labs and Computer Science Engineering Labs to strengthen the technical knowledge of the students. The Technical Assistants maintain records of the Laboratory which is supervised by HoDs of the concerned departments. The calibration, repairing and maintenance of sophisticated Laboratory Equipments are done by the Technical Assistants. Regular maintenance of library is been preserved effectively for the students. The Library department efficiently follows Library management system which helps in maintaining data of books issued to learners and books are available in the library as per the requirement of syllabus for the betterment of the students. The sports complex of the college is meritorious with adequate infrastructure. During the session, the college participated in various sports activities like - cricket, football, kabaddi, basketball, etc. The institution has an indoor swimming pool along with a football field and a basket ball court. A centralised computer laboratory has been established in the institute to enrich the students knowledge. ERP software has recently been initiated to maintain the details of all the Faculty Members along with the students. The class attendance is carried out and is also monitored through this ERP System. Each of the departments has an appropriate computer as per their requirements. BBIT is an internet and Wi-Fi enabled campus. Open access to all the journal facilities are available. Regular maintenance of the Computer Laboratory equipment's is done by Lab Assistant along with the Lab Attendant and is headed by the department In-charge. Updating of software is done by the lab assistant.

The college has various committees for maintenance and upkeep of infrastructure. All the departmental level, HoDs submit their requirements to the Principal regarding Classroom furniture and others. Administrative Officers will take in charge for student's academic requirements

<https://bbit.edu.in/download-file>

#### 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	TFW	21	6300000



<b>Financial Support from Other Sources</b>			
a) National	Financial support from government	313	5800000
b) International	0	0	0
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 implementation	Number of students enrolled	Agencies involved
Soft skill Development	14/11/2016	172	Internal External
Personal counselling	17/08/2016	109	Internal
Remedial coaching	06/09/2016	42	Internal
Mentoring	21/07/2016	19	Internal
No file uploaded.			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2016	Career Counselling Guidance	42	137	26	86
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
3	3	15

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
30	328	145	12	100	65
No file uploaded.					

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

Year	Number of students	Programme graduated from	Department graduated from	Name of institution joined	Name of programme
------	--------------------	--------------------------	---------------------------	----------------------------	-------------------

	enrolling into higher education				admitted to
2017	12	Polytechnic	Mechanical	Budge Budge Institute of Technology	B.Tech.
2017	6	Polytechnic	Electrical	Budge Budge Institute of Technology	B.Tech.
2017	1	Polytechnic	Electronics & Tele-Comm	Budge Budge Institute of Technology	B.Tech.
2017	1	Polytechnic	Computer Science Tech.	Budge Budge Institute of Technology	B.Tech.
2017	22	Polytechnic	Civil	Budge Budge Institute of Technology	B.Tech.
2017	3	MBA	HR	IISWBM	Ph.D.
No file uploaded.					

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	3
CAT	8
GRE	2
No file uploaded.	

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

Activity	Level	Number of Participants
Annual Fest - Verve	Inter College	550
Tech Fest	Intra-College	216
Agomoni	College	75
Rabindra Jayanti	College	63
Holi	College	125
Football Competition	Inter College	213
No file uploaded.		

### 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	Megalith 2017, IIT Kharagpur (Tech Fest)	National	0	1	321, 246, 012, 064, 024, 011	ARKA PRAVA PANJA, SAMBIT CHANDRA CHANDRA,

						AMULYA RATAN KUMAR, SAYAN DEY
--	--	--	--	--	--	--

No file uploaded.

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

The process of election for framing student's council at collegial level started in year 2014-15. The institution has a well functional student council which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. The council organized a successful oath taking ceremony for various elected student representative of different committees. It endeavours to take advantage of every opportunity to create and sustain an environment that nurtures life in its fullness, for every member of its community and set it on the path of excellence. Various activity societies like library society, cultural activity society etc were form by student's council along with college management for smooth running of the tasks. Youth festival was organized in the institution by the student council and the college management in which various cultural activities were organized and the students were selected to represent the college at university level. The student's council took initiative and have been successfully running the science council of the institution. The council actively participated in organizing and conducting programmes SVEEP and other collegial programs like tree plantation, cleaning of college premises, Swachh Bharat Abhiyan, blood donation camp etc. In the blood donation camp organize by student's council, the staff and students donated blood for which they were given certificate. The student's council have also successfully conducted seminars and workshops for girls' safety, women helpline and eve teasing for safety of the college girls. This association includes the representative body of students along with members from management, administration, faculty members and staff members. The student body is formed with the class representatives from every class. There are two representatives, one male and one female, who are elected or selected by the students of every class. The student body is headed by three key leaders. Viz: 1. Student Coordinator 2. Assistant Student Coordinator - Male 3. Assistant Student Coordinator - Female These three leaders are elected by all the Class Representatives (CRs) for one academic session. The student coordinator and assistant student coordinator are members of the disciplinary committee and the core committee of the association. Thus, they, on behalf of the whole student community take part in the decision making. BBIT Kolkata provides necessary support to the council members in organizing coordinating the events. It encourages the students to develop their leadership skills through these activities. Student members in this council can become real heroes and competent managers in future by learning all these skills

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

We have presently 500 Alumni enrolled in BBIT Alumni Association from B.Tech, Diploma and MBA courses. We conduct yearly Alumni get together, which witnesses a huge participation of Alumni's. Generally, Alumni Meet is organised once a year. Our current batch of students and faculty come together to organizes a huge welcome and interaction session for BBIT Alumni's. As a part of welcome ceremony various societies of BBIT present their programmes in the form of dance, drama, discussion and portray how new students have taken up the

responsibility to become the face of the college. After the welcome ceremony, the college management and director interact with Alumni. Then some of the Alumni shares their success stories and discuss about the measures required to take BBIT to greater heights. All faculty members participate in the gathering to appreciate the progress and success of their students in the 21st century world and feel proud of the various positions achieved by their students in reputed organisations.

5.4.2 – No. of enrolled Alumni:

29

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Interactive session with students, Guest Lecture, Placement workshop, Alumni meet. Alumni have been engaged for availing their expertise, for mentoring, fundraising, for career support to current students. A number of sessions have been organized in this regard. The alumni association will be conducting events along with other Committees and Departments in which the alumni would be engaged as experts to utilize their expertise and rich experiences for the benefit and progress of the present students.

## 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)

Director Level Director is the member secretary of the governing body and chairperson of the IQAC. The Director in consultation with the Teachers' Council nominates different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers council. Faculty level Faculty members are given representation in various committees/cells nominated by the Teachers council, in the Governing body, in the IQAC and other committees. Every year, the composition of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. Following are the different sub-committees which have been nominated by Teachers' Council.

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

Yes

### 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
Examination and Evaluation	Each course outline lays down the assessment components for the respective course and marks allocated to each component. Usually assessment components are in line with the number of credits allocated to the paper a 3 credit paper has 3 different forms of assessment, and a 2 credit paper has 2.

The different forms of assessments includes, assignments, project work, problem sets, quizzes, class tests, group activities and presentations, role plays and end term examinations. The grading pattern for each course, an assessment rubric is also incorporated in the course outline to allow a student understand how she/he needs to prepare for each test.

Teaching and Learning

As part of the efforts to streamline the teaching learning process at BBIT we have initiated Thursday Academic Meetings. Every Thursday, all the faculty members assemble and discuss different aspects of the teaching learning process, starting from curriculum to pedagogy, best practices, latest trends in knowledge and industry. Each course module plan is presented discussed thread bare in the meetings on a pre-decided template, covering seven different aspects of course content, delivery assessment. All course module reviews are presented to the faculty body and the results analysed discussed to check the assurance of learning.

Curriculum Development

The Institute benchmarks its courses with the best business schools in the country and abroad. Core curriculum is revised once every year based on the changing requirements of industry and feedback generated from industry practitioners, recruiters and alumni. Each faculty member offering a core/elective course compulsorily engages with an industry practitioner (ideally a recruiter) who is an integral part of classroom delivery and advises on course content, sequencing of topics and assessments. This ensures that each course is up to date and fulfills the future employment requirement of students.

Research and Development

Encouraging joint research by faculty members, which has resulted in their national and international joint publications.

Library, ICT and Physical Infrastructure / Instrumentation

As a post-NAAC initiative, the college has encouraged the use of ICT based techniques of study by arts departments. Computers have been allotted to different departments. The physical infrastructure has also received sincere attention from the

	college authority. Renovation and up-gradation of laboratories, subscribing journals for the central library have been proposed and is under process in the current academic year.
Industry Interaction / Collaboration	Faculty members have collaborated with national and international eminent academicians and researchers and published research papers in the current year
Human Resource Management	Faculty members are encouraged to participate in training, workshops and staff development programmes

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

E-governance area	Details
Administration	Each and every IQAC notice is circulated by the coordinator himself through e-mail Notices and circulars are communicated to different departments through hard copy from the office of the Principal
Finance and Accounts	Receipt of admission fees is completely online Salary of faculty members and staff is transferred directly to the bank account.
Student Admission and Support	Offline counselling is scheduled based on the merit list of candidates

### 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	Krishna Hazra	3D Printing	750	750
2016	Sudeshna Nath	Transformer Diagnostics AC Drives	1000	1000
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	Cloud Computing		01/03/2017	01/03/2017	0	5

	The Future of Technology					
2016	Emotional Intelligence Interpersonal Skills		03/11/2016	03/11/2016	72	31
2017	Data Management using advanced excel		17/01/2017	17/01/2017	0	33
2016	Stress Management Life balance		12/10/2016	12/10/2016	61	25
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
Faculty Development Program	18	17/08/2016	19/08/2016	6
Cloud Computing The Future of Technology	12	01/03/2017	01/03/2017	6
Innovative and Effective Teaching	42	13/07/2016	15/07/2016	6
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
137	137	118	118

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
NIL	NIL	NIL

## 6.4 – Financial Management and Resource Mobilization

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

The Institution is a private, self-financing institution. Financial audit is conducted on a regular interval by the Internal Audit Team

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

6.4.3 – Total corpus fund generated

<b>No Data Entered/Not Applicable !!!</b>
---

### 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	No		Yes	Head of the Institute
Administrative	No		Yes	Administrative Head

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

Budge Budge Institute of Technology believes in the academic, social, moral and cultural development of students by acquiring inputs from all stakeholders. Although the college does not maintain formally registered parent-teacher association, yet interactions of teachers with parents during parent-teacher meetings of different departments come up with new suggestions related to the overall development of the students.
---

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

NIL
-----

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

Vacant teaching and non-teaching posts should be filled on regular basis. Post accreditation initiative: The institution had communicated about the shortage of faculty members in different departments. ICT should be increased in teaching learning process Faculty should be encouraged to undertake F.I.P
--

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	No

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
2016	To conduct External Academic audit for academic year 2016-17	16/11/2016	07/12/2016	08/12/2016	15
2016	Participation in NIRF	14/09/2017	16/11/2017	16/11/2017	6



ranking

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
Class to class awareness campaign	07/12/2016	08/12/2017	75	41
Gender equality: to-days perspective	30/01/2017	01/02/2017	49	63

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

"Save energy" initiative is taken by the students' to make students aware by making them switch off lights and fans before leaving the classroom  
Environmental awareness campaigns by organizing seminars under NSS Unit and by organizing student exhibitions annually

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	75

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
2016	0	1	03/10/2016	1	Swachh Bharat Avhiyan	Social awareness against waste generation	43
2017	0	1	25/01/2017	1	Green Picnic Mission	Social awareness for cleanliness in villages	159

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)
-------	---------------------	--------------------------

<p>Student Handbook Hostel Guidelines</p>	<p>26/09/2016</p>	<p>The purpose of the Student Handbook is to give students an understanding of the general rules and guidelines for attending and receiving an education at this institution. Publicity is given to the document through the prospectus, through fresher's orientation programme and through the college website for ensuring its adherence. Students are made aware that this document is reviewed annually since policy and procedure adoption is an ongoing process. The most recent adopted policy or procedure prevails. The handbook is amended at any time and those changes are communicated by the administration to the staff, students and parents/guardians.</p>
<p>Employee Handbook</p>	<p>26/09/2016</p>	<p>The purpose of the Staff Handbook is to acquaint the staff about the personnel policies and procedures, rules and regulations to be followed by staff, professional ethics, employee benefit plans, and facilities. Due publicity is given to this document at the time of recruitment and regular follow up is carried out to ensure its provisions are followed and in case of deviation counselling is done. It helps the staff to understand responsibilities and the opportunities available to them as a staff employee. The College retains the right to modify the Handbook at any time.</p>
<p>Policy Handbook</p>	<p>26/09/2016</p>	<p>A complete list of</p>

Policies providing guidelines on the functioning of the various committees and associations, are included in the handbook. The policy applies to all staff, students and other stakeholders. The objective is to follow set parameters in all the processes to foster a culture of continuous improvement in all facets of the institution.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Workshop on Stress Management, Time Management and relaxation techniques	20/06/2016	20/06/2016	89
Seminar on Women Protection	07/07/2016	07/07/2016	38
Engineer's Day	15/09/2016	15/09/2016	135
Blood Donation Camp	01/10/2016	01/10/2016	45
No file uploaded.			

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

Budge Budge Institute of Technology plays an active role in taking numerous initiatives to make its campus eco-friendly. The faculty members, administrative staff and students together adopt the policy of reduce, recycle and reuse in general to accomplish this goal. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind. The institute has adopted the following initiatives towards achieving the goal of a cleaner and greener campus.

- Reduce printing by reading on-screen (Digital Library/E-Learning Centres)
- Refuse, reduce, reuse or recycle
- Recycling bin for e-waste
- Ban on polythenes inside the campus
- Use of renewable energy
- Water Conservation
- Rain Water Harvesting
- Creation of General Awareness
- Promoting ground breaking initiatives and engagement programmes

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

A. Best Practice 1: Title: Financial Aid to the deserving students by the college  
 Objective: It has been obtained from the profile students joining various courses of the college So, the upright objectives of the practice are:

- To extend financial aid to the poor students, especially from the rural, to save them from discontinuation of their studies owing to poverty
- To promote the 'equality' among the students
- To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students
- To support financially all the deserving poor students without any discrimination of caste, creed or gender
- To develop a student as a multifaceted personality with academic

excellence and a commitment to an egalitarian society. The expected outcome is that the students should be able to complete their degrees with good marks. The beneficiaries should treat the needy with the principle of 'lend a helping hand without discrimination.' Context: Scrutiny of applications is made and the final list of selected students is being displayed. Final list is sent to all the concerned departments/sections. The noble objective had its teething as well as challenging troubles in its designing and implementation. Applications are invited from needy students. • Pooling up of the required resources was a tough task • After comprehensive deliberations with students and teachers, it was decided to extend the benefit to all the poor students, who do not have the advantage of government or endowment scholarships, without any discrimination of caste, creed or gender • Verification of the financial backwardness of the aspirants was yet another challenge • The management has insisted on strict adherence to the rules framed. About this fund in spite of the influential sections' and caste associations' undue interference in the implementation of the practice Practice: The surrounding areas of the college have ravaged the rural life throwing the people into miserable conditions of abject poverty, illiteracy and ill-health. In a situation of such dire poverty, whatever meagre resources accessible they are used primarily to make both ends meet. So, sending their children to the town for higher education becomes almost impossibility for the poor parents in the rural areas, in the context of higher education demanding higher amounts of money. So, it is evident that without financial support from an external source, the rural youth cannot hope to successfully complete their higher studies. Success: Success stories of the noble practices that has been implemented in our institute. • Total of 175 students were enrolled under the scheme in the academic year 2019-20 • Expenses of their mess bill and hostel fees are being born by the institute • By availing this facility, some alumni of institute are successful in building their bright career working at top positions in reputed organizations The above are only a few illustration cases mentioned to drive home the point. Problems Encountered: Nothing well can be achieved if it does not face any challenges or problems. Likewise this very practice which has been stated has also encountered few difficulties of its own. • The idea which had been initiated and then implemented was blamed for not considering Social Justice • The college had to overcome many of these impediments to persuade the alumni and other philanthropists in favour of instituting the endowment scholarships to encourage more students to develop a keen spirit of competition to secure the endowment scholarships B. Best Practice 2: Title: Go Green Practice along with Waste Management Objective: Going green is a mind-set that involves the continual pursuit of knowledge regarding how to live life in an environmentally friendly and responsible way. Budge Budge Institute of Technology is a place where environmentally-friendly practices and education combine to promote sustainable and eco-friendly practices. Also, a committee is formed comprising of Students and Staff of the college who will look after these activities. This practice aims at: • Providing the institution an opportunity to take the lead in redefining its environmental culture, improve human well-being, and balance ecosystems • Reducing the negative impacts of campus activities on the environment and health • Maintenance of clean and hygienic conditions and reduction in the quantity of solid waste • Creating awareness through proper Segregation, transportation, processing and disposal of solid waste e-waste Context: College has few areas, which are to be addressed to make the campus environmentally sustainable, like Judicious water consumption, water sources, appliances, wastage, etc. Leakages and overflow of water has also been identified. • To reduce energy consumption and augmenting the alternate energy sources across the campus buildings requires large expenditures, which is difficult to raise • To ensure the sincerity of the students regarding the values of trees plants • For the maintenance the cycle of the nature for up-gradation of the environment • Green initiatives taken up by the college will

benefit the campus through reduced resource consumption and waste diversion  
Practice: The content of the practice is to carry out waste management in a participative manner involving both students and teachers and also the NSS. It is very important to plant more and more trees, herbs and climbers because these are the carriers of rain and cloud. Only the nature has capacity to turn up the balance of nature to produce more and more oxygen, but it is only possible when our surroundings are full of trees and plants. Such type of programme is only possible when our new generation become more sincere and active towards plantation programme. A college level seminar on 'Waste Management, Recycling and Your Role' was organised by all the departments of the entire college including B.Tech. Diploma and MBA and IQAC of the college on 11-Nov-2019. A large participation of about 81 students reflected an active role of group. During the programme an oath was taken by both staff and students of the college to clean the college campus regularly. Also keeping the vicinity of the college was considered a high priority. Success: Our efforts of Go-Green work provoke the heart of the students and inspired them to go quickly on the path of plantation for the balance of the nature up-gradation of environment. It is the result of the programme that more than 70 student participated in the programme of the plantation started by college administration. Problems Encountered: In Spite of regular maintenance, there is unaccounted wastage of water. Funding and Infrastructural bottlenecks are the main problems encountered. Availability of funds and removal of infrastructural bottlenecks together with increased students participation will make this practice a grand success. The task of nurturing and maintaining the saplings can be addressed by making the students to adopt a tree. Paperless administration at the implementation level is not achieved effectively as every record and file has to be maintained physically too.

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

<https://bbit.edu.in/pages/b-tech-b-tech-students-achievements>

### 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

The Vision, Mission and Objectives of the institution clearly points towards a value based education based on the curriculum of the affiliating university combining it with the core values. Budge Budge Institute of Technology runs under the aegis of Jagannath Gupta Family Trust. The college has completed 8 years of existence in and has a strong bonding with the local people. This includes a number of minorities and marginalized section students. The college successfully implemented the semester system. The focus is on skill development, career oriented programs, industry visit, industry - academia interaction and college have brought all these aspects under curriculum implementation and enrichment. Special attention is given to weak students especially belonging to SC/ST., OBC and minority groups. The students of Budge Budge Institute of Technology are not only guided to achieve excellence in the education but are thoroughly equipped with the knowledge of social perseverance and environmental sustainability. It lays special effort on students understanding of current environmental crisis and through its various schemes like energy conservation, waste management, rain water harvesting, plantation drives urges them to become eco friendly citizens. In keeping with our founder and the institution's vision of promoting the core values of justice, freedom, sincerity, truth and joy, BBIT has always given priority to the education of underprivileged women to empower them. The institution stresses on outreach programmes and inculcates in its students an awareness of the value of a holistic education and empathy for the less privileged sections of society. An

active NSS and Social Service Cell organize outreach programmes for the student community. Through proper planning and strategies, the institution focuses at delivering to its best ability the vision of the college. The nation in general and the state in particular, is marred with the problem unemployment among educated youth. Therefore, the need for "Skill-based system of education" is becoming more vocal in present times. The college aims at creating a hatching ground for the students to develop their hobbies and achieve success in life. The two centres are steps towards facilitating the students with the required knowledge, experience and exposure to pursue their dreams with gainful employment. With the skills gained, the student becomes more determined and confident in facing the future.

Provide the weblink of the institution

<https://www.bbit.edu.in/>

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

The Vision, Mission and Objectives of the institution clearly points towards a value based education based on the curriculum of the affiliating university combining it with the core values. Budge Budge Institute of Technology runs under the aegis of Jagannath Gupta Family Trust. The college has completed 10 years of existence in and has a strong bonding with the local people. This includes a number of minorities and marginalized section students. The college successfully implemented the semester system. The focus is on skill development, career oriented programs, industry visit, industry - academia interaction and college have brought all these aspects under curriculum implementation and enrichment. Special attention is given to weak students especially belonging to SC/ST., OBC and minority groups. The students of Budge Budge Institute of Technology are not only guided to achieve excellence in the education but are thoroughly equipped with the knowledge of social perseverance and environmental sustainability. It lays special effort on students understanding of current environmental crisis and through its various schemes like energy conservation, waste management, rain water harvesting, plantation drives urges them to become eco friendly citizens. In keeping with our founder and the institution's vision of promoting the core values of justice, freedom, sincerity, truth and joy, BBIT has always given priority to the education of underprivileged women to empower them. The institution stresses on outreach programmes and inculcates in its students an awareness of the value of a holistic education and empathy for the less privileged sections of society. An active NSS and Social Service Cell organize outreach programmes for the student community. Through proper planning and strategies, the institution focuses at delivering to its best ability the vision of the college. The nation in general and the state in particular, is marred with the problem unemployment among educated youth. Therefore, the need for "Skill-based system of education" is becoming more vocal in present times. The college aims at creating a hatching ground for the students to develop their hobbies and achieve success in life. The two centres are steps towards facilitating the students with the required knowledge, experience and exposure to pursue their dreams with gainful employment. With the skills gained, the student becomes more determined and confident in facing the future.