

Yearly Status Report - 2017-2018

| Part A | | | | | | |
|---|-------------------------------------|--|--|--|--|--|
| Data of the Institution | | | | | | |
| 1. Name of the Institution | BUDGE BUDGE INSTITUTE OF TECHNOLOGY | | | | | |
| Name of the head of the Institution | DR C V REDDY | | | | | |
| Designation | Director | | | | | |
| Does the Institution function from own campus | Yes | | | | | |
| Phone no/Alternate Phone no. | 033-24820676 | | | | | |
| Mobile no. | 9748493158 | | | | | |
| Registered Email | executivedirector@bbit.edu.in | | | | | |
| Alternate Email | director@bbit.edu.in | | | | | |
| Address | Nischintapur, Budge Budge | | | | | |
| City/Town | KOLKATA | | | | | |
| State/UT | West Bengal | | | | | |
| Pincode | 700137 | | | | | |

| 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. | 9831222519 |
| Registered Email | iqac@bbit.edu.in |
| Alternate Email | agm.admin@bbit.edu.in |
| 3. Website Address | |
| Web-link of the AQAR: (Previous Academic Year) | http://www.bbit.edu.in/download-file |

| 4. Whether Academic Calendar prepared during the year | Yes |
|---|---|
| if yes,whether it is uploaded in the institutional website: | https://bbit.edu.in/downloads/academic_ |
| Weblink : | calender-2018.pdf |

5. Accrediation Details

| Cycle | Grade | CGPA | | Validity | | |
|-------|-------|------|--------------|-------------|-------------|--|
| | | | Accrediation | Period From | Period To | |
| 1 | B+ | 2.56 | 2016 | 16-Sep-2016 | 15-Sep-2021 | |

6. Date of Establishment of IQAC

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 | | | |
| Participation in NIRF | 24-Nov-2017 00 | 0 | | | |
| Participation in AISHE | 21-Feb-2018 0 | 0 | | | |

| Meeting on IQAC | | | g-2017 1 | | 16 | |
|---|---------------------|-------------|-------------|-----------------------------|--------------|--|
| | 1 | No Files | Uploaded | 111 | | |
| . Provide the list of fun Bank/CPE of UGC etc. | ds by Central/ S | tate Goverr | iment- UGC | C/CSIR/DST/DBT/ICMR | /TEQIP/World | |
| Institution/Departmen t/Faculty | Scheme | Funding | g Agency | Year of award with duration | Amount | |
| | No Data | Entered/ | Not Appli | .cable!!! | | |
| |] | No Files | Uploaded | !!! | | |
|). Whether composition NAAC guidelines: | of IQAC as per | latest | Yes | | | |
| Upload latest notification o | f formation of IQA | С | <u>View</u> | File | | |
| 10. Number of IQAC me /ear : | etings held duri | ng the | 4 | | | |
| The minutes of IQAC meet lecisions have been upload vebsite | • · | | Yes | | | |
| Upload the minutes of mee | eting and action ta | ken report | <u>View</u> | File | | |
| 1. Whether IQAC receiv he funding agency to su luring the year? | - | - | No | | | |
| 2. Significant contribut | ions made by IQ | AC during | the current | year(maximum five b | ullets) | |
| Immediate preparati along with testimon | | | | | such as AQAR | |
| The urgent need of communicated to the | | | | | ed and | |
| organize Orientatio | n Programme c | on new syl | llabus. | | | |
| organize science awareness programme | | | | | | |
| COFRIENDLY AND GRE | E CAMPUS | | | | | |
| : | No Files Uplo | baded !!! | | | | |

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 | | | | |
|---|--|--|--|--|--|
| To encourage the departments to conduct in house FDPs. | One 4-days long in house faculty development program (FDP) has been conducted. | | | | |
| To encourage the students to participate in the college, university, state and national level sports and games events. | Students have participated in the college, level sports and games events. | | | | |
| No Files U | Jploaded !!! | | | | |
| 4. Whether AQAR was placed before statutory body ? | Yes | | | | |
| Name of Statutory Body | Meeting Date | | | | |
| MANAGEMENT OF BUDGE BUDGE INSTITUTE OF TECHNOLOGY | 16-Jan-2018 | | | | |
| 5. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | No | | | | |
| 6. Whether institutional data submitted to AISHE: | Yes | | | | |
| ear of Submission | 2018 | | | | |
| Date of Submission | 21-Feb-2018 | | | | |
| 7. Does the Institution have Management nformation System ? | Yes | | | | |
| f yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | Yes, the Institute is well equipped with an information system which takes care of various activities like admission, attendance, office management, accounts and student grievance redressal. Here IT resources are currently provided to all bonafide students of the college as well as teaching faculty and supporting staff. The College seeks to ensure the integrity of IT resources made available to the community to prevent disruption to academic and administrative requirements. The college has a LAN through which students, teachers and supporting staff: | | | | |

can access the current data base of students, their academic performance as also other academic query. The current ERP Module takes care of all the activities which have been mentioned below. 1. Admission - Institute MIS admission modules helps in admission process of all UG and PG students of the institute are required to complete the admission formality by filling up online admission forms writing all the academic and other information on this forms. The module helps in collecting the information of this academic admissions program wise and also helps in making merit list as per the institute norms. 2. Examinations - This module takes care of the exam activities in the form of appointment of examiners, collection of the question papers, collection and compilation of continuous evaluation marks, end semester marks and declaration of results using CGPA system. 3. Administration - The day to day data related to attendance of regular and temporary faculty is part of this module which also helps in monthly salary payment of all employee of the institute. 4. Time Table -Preparation and displaying of academic calendar as well as the timetable. 5. Attendance - Institute have a student attendance module which helps in recording online attendance of all lectures and practical's conducted for UG and all PG programmes. This module determines the list of list who does not qualify minimum attendance requirement of the institute. 6. Fees Payment - Students through this module can pay their annual tuition fee, exam fee and other fees using online mode. 7. Accounts and Finance - Institutes accounts and finance is run with all its functions using accounts and finance modules.

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

Budge Budge Institute of Technology (BBIT) has a transparent mechanism that ensures effective curriculum delivery through a well-planned and documented

process. The departments endeavour effective curriculum delivery through a combination of time-tested and innovative methods in the Institute. The teaching plans consist of comprehensive allotment of the syllabus among all the faculties of a particular department. Our Faculty members take utmost care to complete the syllabus in time and students are encouraged to meet faculty beyond classroom hours for doubt-clearing and curricular discussions. Delivery of curriculum is regularly monitored and necessary course corrections are also initiated by the respective authorities. The key to the effective implementation of the Institute - prescribed curriculum is efficient planning. Each department strives to ensure that there is efficient curriculum delivery and teachers are encouraged to use innovative teaching learning methods to achieve this goal. The college administration supports the departments in this process in every possible way. The time table and faculty load is maintained strictly and actively. Value addition activities are also included in the time table to benefit the students in their career opportunities.Time table is also communicated to all students by posting it on the Notice Boards / ERP etc. The department also plan for the industry visit, guest lectures, workshop, seminars and conferences. The range and scope of the courses in each programme assure that the students achieve academic excellence in the respective discipline. The teaching plans consist of detailed allotment of the syllabus among all the faculty members of a particular department. The assigning is done democratically through discussion and deliberations among faculty members in departmental meetings. Faculty members take utmost care to complete the syllabus in time. Tutorials/projects, class tests and internal assessments comprise the formal evaluative processes, but students are encouraged to meet faculty beyond classroom hours for doubt-clearing and curricular discussions.Extra hours are devoted to taking remedial classes after completion of internal examinations to strengthen student's preparedness before examinations. Special lectures delivered by eminent scholars on topics related to the curriculum further intensify students' learning experience. The Institution deliberates support for teaching, learning and assessment at Budge Budge Institute of Technology (BBIT), we provide seminars and workshops on teaching, learning and assessment, workshops on teaching. Students are also given the opportunity to attend seminars organised by other institutes in order to give new boundaries to their knowledge.

| 1.1.2 - Certificate | e/ Diploma Courses int | troduced during the ad | cademic year | | | | | |
|---------------------|---|--------------------------|----------------|---|----------------------|--|--|--|
| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entreprene urship | Skill Development | | | |
| | No D | ata Entered/Not | Applicable | 111 | | | | |
| 1.2 – Academic | Flexibility | | | | | | | |
| 1.2.1 – New prog | grammes/courses intro | duced during the acad | demic year | | | | | |
| Program | Programme/Course Programme Specialization Dates of Introduction | | | | | | | |
| No | Data Entered/No | ot Applicable !! | !! | | | | | |
| | | No file ur | ploaded. | | | | | |
| - | mes in which Choice B s (if applicable) during t | • • | CBCS)/Elective | course system imple | emented at the | | | |
| | grammes adopting CBCS | Programme Specialization | | Date of implementation of CBCS/Elective Course Syste | | | | |
| P | BTech | CSE | | 15/05/2017 | | | | |
| P | BTech | CE | | 15/05/2017 | | | | |
| | | | | | | | | |

| BTech | EI | Z | 15/05/2017 | | |
|--|---|---|---|--|--|
| BTech | EC | E | 15/05/2017 | | |
| BTech | ME | E | 15/05/2017 | | |
| MBA | MB | A | 15/05/2017 | | |
| .2.3 – Students enrolled in Certificate/ | Diploma Courses i | ntroduced during th | ne year | | |
| | Certifi | cate | Diploma Course | | |
| No D | ata Entered/No | ot Applicable | 111 | | |
| .3 – Curriculum Enrichment | | | | | |
| I.3.1 – Value-added courses imparting | transferable and lif | e skills offered duri | ing the year | | |
| Value Added Courses | Date of Int | roduction | Number of Students Enrolled | | |
| SOFT SKILL DEVELOMENT | 04/09/ | /2017 | 252 | | |
| GENERAL APTITUDE | 07/08/ | /2017 | 358 | | |
| TECHNICAL TRAINING | 09/01/ | /2018 | 412 | | |
| | No file | uploaded. | | | |
| 1.3.2 – Field Projects / Internships under | er taken during the | year | | | |
| Project/Programme Title | Programme S | pecialization | No. of students enrolled for Field Projects / Internships | | |
| BTech | EI | Ξ | 56 | | |
| BTech | EC | Е | 54 | | |
| BTech | CS | E | 62 | | |
| BTech | MI | Z | 118 | | |
| BTech | CI | Z | 112 | | |
| MBA | MB | A | 25 | | |
| | No file | uploaded. | | | |
| .4 – Feedback System | | | | | |
| I.4.1 – Whether structured feedback re | ceived from all the | stakeholders. | | | |
| Students | | | Yes | | |
| Teachers | | Yes | | | |
| Employers | | | Yes | | |
| Alumni | | | Yes | | |
| Parents | | | Yes | | |
| 1.4.2 – How the feedback obtained is b naximum 500 words) | eing analyzed and | utilized for overall o | development of the institution? | | |
| Feedback Obtained | | | | | |
| Budge Budge Institute of Te aspects and courses from St Institution established Aca academic excellence at stud by Academic Cell from the f in every semester, utilizat | udents, Alumn ademic Cell in lent and facul following: stu | i, Faculty me order to ens ty levels. Pe dent performa | mbers and Staffs etc. ure and analyse the riodical analysis is made | | |

enrichment. Budge Budge Institute of Technology (BBIT) thoroughly reviews the curriculum for every academic year. Institute collects the feedback physically

from Students, Parents and Teachers on Curriculum. Receiving feedback from students about teaching helps us to identify and meet the needs of our students. It also assists in improving and further developing the teaching aspect. Students can provide feedback on everyday teaching experiences. It allows to make adjustments needed by students in the class before the end of the semester and will foster a feeling among the students that you care about the teaching. A set of open-ended questions allows students to elaborate on their numeric ratings and provides instructors with more in-depth feedback. Students play a critical part in the evaluation, development and enhancement of the quality of this learning experience. Besides providing students with an opportunity to comment on the quality of the teaching and learning environment at Budge Budge Institute of Technology (BBIT), Feedback ensures that lecturers and Boards of Studies are made aware of problems perceived or encountered by students, and provides an opportunity for the conduct of self-evaluation and revision, where necessary. The main objective is to provide students with the opportunity to comment on the quality of their learning experiences, as required in preparation for and as part of review processes, to assess the success of academic provision in relation to the expectations of students and to provide feedback to lecturers and Boards of Studies in order to improve delivery and/or content of the study-unit and/or programme. The results of the student feedback processes, as well as the recommendations and the action taken on the basis of such recommendations are important considerations for the Programme Review which each Department is required to undertake.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

| | Name of the Programme | Programm Specializat | | | umber of ation received | Students Enrolled | | | | |
|-----|--------------------------|---|---|--|---|----------------------------------|--|-----------------------------------|--|--|
| | BTech | Engineering Mechanic Engineeri iii. Compu Science a Engineering Electric Engineerin Electronica | i. Civil ngineering ii. Mechanical Engineering iii. Computer Science and ngineering iv. Electrical Engineering v. lectronics and Communication Engineering | | 540 | | 358 | 330 | | |
| | MBA | Finances : | i. HR ii. ii. Finances iii. Marketing | | 60 | | 32 | 26 | | |
| | | | | No file | uploaded | l. | | | | |
| 2.2 | 2 – Catering to St | udent Diversity | | | | | | | | |
| 2. | .2.1 – Student - Ful | I time teacher ratio | (curren | it year data |) | | | | | |
| | Year | Number of students enrolled in the institution (UG) | student in the i | nber of is enrolled institution PG) | Number fulltime tea available instituti teaching or course | achers in the on nly UG | Number of fulltime teache available in th institution teaching only F courses | e teaching both UG and PG courses | | |

| | | | 1 | | | | 1 |
|--|---|---|---|--|---|--|--|
| 2017 | 330 | 28 | 137 | | 11 | | 14 |
| 2.3 – Teaching - L | earning Process | | | | | | |
| 2.3.1 – Percentage earning resources e | - | | ching with L | earning | Manageme | ent Syst | ems (LMS), E- |
| Number of Teachers on Roll | Number of teachers using ICT (LMS, e- Resources) | ICT Tools and resources available | ces enabled classrooms | | | | E-resources and techniques used |
| 148 | 92 | 15 | 6 | | 6 | | 17 |
| | | No file | uploaded | ι. | | | 1 |
| | | No file | uploaded | ι. | | | |
| 2.3.2 – Students me | entoring system ava | ailable in the institu | tion? Give d | etails. (| maximum 5 | 00 word | ds) |
| support for improv academic problem will also counsel to the course of stu last semester of Reasonable nur juniors for the | entors can motivate ement in academic is of the students, of the respective stude dy. This is a contine of study, students has in prospective admin of the students towa | performances is p one mentor are app ents once in a wee uous process till th ave been advised is secured admissi ssions. The schem ards the learning p | rovided on a pointed for a k at least to e end of the for higher st ons for their le aims at ac | a regular batch o solve th acaden udies al higher ddressin | r basis. In o f not more t eir problem nic career of ong with pro studies and g conflicts i | rder to i han 20 s which f the stu oper ca they in n attitud | resolve day to da students and the are faced during udent. During the reer guidance. turn guide their de, habits and |
| Number of studer institu | | Number of fu | ltime teache | ers | Mer | ntor : Me | entee Ratio |
| 13 | 80 | 1 | 48 | | | 1: | : 9 |
| .4 – Teacher Prof | ile and Quality | | | | | | |
| 2.4.1 – Number of f | ull time teachers ap | pointed during the | year | | | | |
| No. of sanctione positions | d No. of filled po | sitions Vacant | positions | | ns filled duri current year | - | lo. of faculty with Ph.D |
| 120 | 148 | | 0 | | 12 | | 31 |
| | d recognition receiv om Government, re | | | | gnition, fello | owships | at State, Nation |
| Year of Awa | receivi state lev | full time teachers ng awards from rel, national level, national level | Des | signatio | f | fellowsh | e of the award, hip, received from hent or recognize bodies |
| | No D | ata Entered/N | Not Appli | cable | 111 | | |
| | | No file | uploaded | ι. | | | |
| .5 – Evaluation P | rocess and Refor | ms | | | | | |
| 2.5.1 – Number of c ne year | lays from the date o | of semester-end/ y | ear- end exa | minatio | n till the dec | claratior | n of results during |
| Programme Nam | e Programme (| Code Semes | ter/ year | semes | ate of the la ter-end/ yea examination | ar- re | te of declaration sults of semester end/ year- end |

| | | | | examination |
|-------|-----|------------------|------------|-------------|
| BTech | 003 | EVEN | 22/05/2018 | 01/08/2018 |
| BTech | 016 | EVEN | 22/05/2018 | 01/08/2018 |
| BTech | 013 | EVEN | 22/05/2018 | 01/08/2018 |
| BTech | 001 | EVEN | 22/05/2018 | 01/08/2018 |
| BTech | 007 | EVEN | 22/05/2018 | 01/08/2018 |
| | | No file uploaded | • | |

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

Budge Budge Institute of Technology follows the guidelines of Maulana Abul Kalam Azad University of Technology (MAKAUT) for internal evaluation and assessment procedure. For Undergraduate Programs, the institute conducts internal examination comprising of 25 marks. On the allocated marks, five marks is designated to MCQ, five marks for a short answer and one 15 marks long answer. End semester examination is of 70 marks which are conducted by the University. Also, five marks are allocated for the attendance of each student. For Post-Graduate Programs, the institute conducts internal examination of 25 marks as per the university norms. After completion of the internal examination, the faculty evaluates the answer scripts and distribute to the students for doubt clarifications or re-correction. The faculty submits the recorrected scripts to the examination branch and marks are displayed on the notice board. Then the principal conducts a meeting with HODs to discuss the students performance and necessary action plan for further improvement. Reforms in the Evaluation Process: • Awareness of evaluation and assessment system in orientation program • Conducting tutorial classes to clarify doubts and reexplaining the critical topics. • Regular unit tests, Surprise test Quiz are conducted prior to mid examinations . Industrial visits are arranged for the students and students submit the visit report which is also evaluated Students' performance is also evaluated based on the following parameters: communication skills, use of modern tools (NPTEL, M-Tutor, V-labs), critical thinking skills, problem-solving skills, ability to work in teams, and leadership qualities.

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

The institution is affiliated to AICTE and is under MAKAUT. The institution has been accredited by NAAC as well as NBA. 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. Every year we prepare the academic calendar for the institute and also a department wise activity schedule for smooth functioning. This ensures that the curriculum is enriched through related activities like gust lecture, extension series and industry interaction. For the academic session academic calendar was prepared and followed for conduct of examination and other activities. The Academic Calendar is prepared by the Dean of the Institution in consultation withy the HoDs of the respective departments. • In the beginning of the academic session the students are apprised of academic calendar and same is uploaded on college website and displayed on notice boards and at strategic locations. • Only head of the institution can incorporate minor changes in academic calendar which he may

deem fit considering the unforeseen circumstances. • The Schedule of All Examinations is given in academic calendar. • Assignments are submitted by students as per the dates given in academic Calendar

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/b-tech-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 |
|-------------------|-------------------|-----------------------------|---|--|-----------------|
| | MBA | MBA | 16 | 15 | 93.75 |
| 001 | BTech | CSE | 71 | 70 | 98.59 |
| 003 | BTech | ECE | 79 | 72 | 91.13 |
| 007 | BTech | ME | 133 | 123 | 92.48 |
| 013 | BTech | CE | 159 | 148 | 93.08 |
| 016 | BTech | EE | 71 | 61 | 85.91 |
| | - | 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://assessmentonline.naac.gov.in/public/index.php/hei/dept1

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 | 360 | JIMSH | 5 | 5 |
| Industry sponsored Projects | 270 | IEI | 2 | 2 |
| | | 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 |
|--|-------------------|------------|
| Seminar on Thermo- Fluidics | ME | 17/08/2017 |
| Recent Development of CNC Machining | ME | 20/09/2017 |

| Training on Hydraulic SystemsME17/01/2018Future RoboticsME05/03/2018Future RoboticsME05/03/2018Seminar on Metamorphosis on Civil EngineersCE12/09/2017Seminar on Recent Development on Stad.pro structure analysis and design softwareCE27/02/2017Recent Advancement in Digital Image ProcessingCSE03/01/2017Transformer Diagnostics and AC DrivesEE21/04/20173.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the yearTitle of the innovation Name of AwardeeMEGALITH 2018, 09/03/2018STUDER | |
|--|-----------------|
| Seminar on Metamorphosis on Civil Engineers CE 12/09/2017 Seminar on Recent Development on Stad.pro structure analysis and design software CE 27/02/2017 Recent Advancement in Digital Image Processing CSE 03/01/2017 Transformer Diagnostics and AC Drives EE 21/04/2017 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 Categor CRIAR | |
| on Civil Engineers CE 27/02/2017 Seminar on Recent CE 27/02/2017 Development on Stad.pro structure analysis and 2 design software 03/01/2017 03/01/2017 Recent Advancement in CSE 03/01/2017 Digital Image Processing Transformer Diagnostics and AC Drives EE 21/04/2017 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 CRIAR AMULYA RATAN MEGALITH 2018, 09/03/2018 STUDER | |
| Development on Stad.pro structure analysis and design software Recent Advancement in Digital Image Processing Transformer Diagnostics and AC Drives 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 CRIAR AMULYA RATAN MEGALITH 2018, 09/03/2018 STUDER | |
| Digital Image Processing Image Processing Transformer Diagnostics and AC Drives EE 21/04/2017 3.2.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year Image Processing Title of the innovation Name of Awardee Awarding Agency Date of award Category CRIAR AMULYA RATAN MEGALITH 2018, 09/03/2018 STUDER | |
| and AC Drives 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 Categor CRIAR AMULYA RATAN MEGALITH 2018, 09/03/2018 STUDER | |
| Title of the innovation Name of Awardee Awarding Agency Date of award Category CRIAR AMULYA RATAN MEGALITH 2018, 09/03/2018 STUDER |)rv |
| CRIAR AMULYA RATAN MEGALITH 2018, 09/03/2018 STUDER | orv |
| | ., |
| KUMAR, TECH FEST, IIT RITUPARNA DAS, KHARAGPUR SARNALI SARKAR, KOYEL SAHA | 1TS |
| MODELSHAYAN DHAR, SOURAV DAS,MEGALITH 2018, TECH FEST, IIT KHARAGPUR09/03/2018STUDERDESIGN A WASTESUPRIYOKHARAGPURHAZRAHAZ | ITS |
| No file uploaded. | |
| 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year | |
| | e of ncement |
| DRAFTING AND DESIGNERS BBIT CADD CENTRE TO ENCOURAGE 23/03 DESIGNING CLUB ENTREPRENEUR SHIP SHIP | /2018 |
| No file uploaded. | |
| 3.3 – Research Publications and Awards | |
| 3.3.1 – Incentive to the teachers who receive recognition/awards | |
| State National International | |
| 0 40000 60000 | |
| 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center) | |
| Name of the Department Number of PhD's Awarded | |
| No Data Entered/Not Applicable !!! | |
| 3.3.3 – Research Publications in the Journals notified on UGC website during the year | |
| Type Department Number of Publication Average Impact F any) | actor (if |
| International EE 1 0 | |
| International CSE 1 0 | |

No file uploaded.

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

| | Departme | - | | | Numbe | r of Publication | |
|--|---|---|---------------|----------|------------------|--|--|
| | EE | | | | | 2 | |
| | | No | file | upload | ded. | | |
| 3.3.5 – Bibliomet Veb of Science c | | ations during the n Citation Index | e last Aca | ademic y | /ear based on av | verage citation in | dex in Scopus/ |
| Title of the Paper | Name of Author | Title of journal | Yea public | - | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
| Probabilis tic charac terization for dynamics and stability of laminated soft core sandwich plates | Sudip Dey, Tanmoy Muk hopadhyay, S Naskar, Tushar Kanti Dey, H. D. Chalak, Sondipon Adhikari | Journal of Sandwich Structures and Materials | 20 | 17 | 0.21 | National Institute of Technical Teachers' Training and Research | 6 |
| A multi- attribute decision making approach of mix design based on e xperimenta l soil cha racterizat ion | A. K. Bera, T Mu khopadhyay , P. J Mohan and Tushar Kanti Dey | Frontiers of Structural and Civil Engineerin g | 20 | 17 | 0.4 | National Institute of Technical Teachers' Training and Research | 2 |
| Effectiven ess of different dynamic models of MR damper used in Smart base isolated benchmark building | Dey Rini, Saha Purna Chandra | Recent Advances in Structural Engineerin g | 20 | 17 | 0.3 | Kalinga Institute of Industrial Training | 1 |
| CATAIONIC CYTOSINE MORPHOLINO BASED | DR. BAPPADITYA NANDI | BIOLOGICAL CHEM AND CHEMICAL BIOLOGY | 20 | 17 | 0.82 | Budge Budge Institute of Technology | 1 |

| RECOVERED | SOURAV | INTERNATIO | 2017 | 0.06 | Budge | 1 |
|---|--|--|---------------------|-----------------|--|--|
| SILVER FROM EXPOSED X- RAY TREATMENT OF RECYCLED CIGARETTE BUDS | SADHUKHAN | NAL JOURNAL OF RESEARCH AND SCIENTIFIC INNOVATION (IJRSI) JOURNAL OF INDIAN CHEMICAL SOCIETY | | | Budge Institute of Technology | |
| STAGING BECKETT IN BENGAL | PRIYANKA CHATTERJEE | SUSTAINABL E ENERGY FUELS | 2017 | 0.5 | Budge Budge Institute of Technology | 3 |
| | | No | file upload | led. | | |
| 3.3.6 – h-Index c | of the Institutiona | I Publications du | ring the year. (ba | ased 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 |
| Instantane ous Direct Voltage and Frequency Control in DC Grid Tied DFIG based Wind Energy System," | Rishabh Dev Shukla Prof. R.K. Tripathi | Internatio nal Journal of Electrical Power and Energy Systems, 2018. | 2018 | 88 | 6 | BBIT |
| A New Parameter Estimation Method of Solar Phot ovoltaic | U. Jaldi, P. Thakur, Rishabh Dev Shukla | IEEE Journal of Photovolta ics | 2018 | 89 | 6 | BBIT |
| DC grid/bus tied DFIG based wind energy system | Rishabh Dev Shukla Prof. R.K. Tripathi | Renewable Energy, An Internatio nal Journal (P ublisher: Elsevier) [ISSN: 0960-1481] | 2017 | 95 | 6 | BBIT |
| Optimal Co nfiguratio n of Converter for HVDC T | Roshan Ghosh, Sudip Kumar Ghorui | Internatio nal Journal of Science and | 2017 | 100 | 6 | BBIT |

| n System | | | Research (IJSR) | n | | | | |
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| 3.3.7 – Faculty pa | rticipa | ation in | Seminars/Confe | erences and | l Symposia | during the year : | | |
| Number of Facu | ulty | Ir | nternational | Natio | onal | State | | Local |
| Attended/Sem rs/Workshop | | | 0 | 1 | - | 2 | | 12 |
| | | | | No file | uploaded | l . | | |
| .4 – Extension / | Activi | ities | | | | | | |
| 3.4.1 – Number of Ion- Government | | | | - | | | | stry, community and during the year |
| Title of the ac | ctivitie | S | Organising unit collaborating | • • | particip | r of teachers ated in such ctivities | | umber of students articipated in such activities |
| NSS | | | BBIT | | | 22 | | 68 |
| | | | | No file | uploaded | ι. | | |
| 8.4.2 – Awards an uring the year | nd reco | ognitio | n received for ex | tension act | ivities from | Government and | other | recognized bodies |
| Name of the | activity | у | Award/Reco | gnition | Award | ling Bodies | N | umber of students Benefited |
| HEALTH CAI URBAN AI | | N | RECOGNII | TION | | TIMSH | | 42 |
| OKDAN A | REA | | | | | | | |
| UKBAN AI | КĽА | | | No file | uploaded | l. | | |
| 3.4.3 – Students p | particip | | | vities with G | Bovernment | Organisations, N | | |
| 3.4.3 – Students p | particip progr | amme Orgar | | vities with G | Government Nids Awaren | Organisations, N | ie, etc. hers | during the year Number of students |
| 3.4.3 – Students p Organisations and | particip progr eme | amme Orgar | s such as Swach nising unit/Agen collaborating | vities with G nh Bharat, A | Government ids Awaren | Organisations, N ess, Gender Issu Number of teacl participated in s | ie, etc. hers | during the year Number of students participated in such |
| B.4.3 – Students p organisations and Name of the sch | particip progr eme ION | amme Orgar | s such as Swach hising unit/Agen collaborating agency | vities with G hh Bharat, A Name of th | Government aids Awaren ne activity | Organisations, N ess, Gender Issu Number of teach participated in s activites | ie, etc. hers | during the year Number of students participated in such activites |
| BLOOD DONAT: | oarticip progr eme ION | Orgar cy/ | s such as Swach nising unit/Agen collaborating agency BBIT | vities with G hh Bharat, A Name of th BLOOD D | Government aids Awaren ne activity ONATION | Organisations, N ess, Gender Issu Number of teach participated in s activites 18 | ie, etc. hers | during the year Number of students participated in such activites 256 |
| BLOOD DONAT: CAMP BLOOD DONAT: CAMP | oarticip progr eme ION ION | Orgar cy/ | s such as Swach hising unit/Agen collaborating agency BBIT JIMSH CI NURSING | vities with G nh Bharat, A Name of th BLOOD D BLOOD D | Government aids Awaren ne activity ONATION ONATION ONATION | Organisations, N ess, Gender Issu Number of teach participated in s activites 18 38 | ie, etc. hers | . during the year Number of students participated in such activites 256 697 |
| BLOOD DONAT: CAMP BLOOD DONAT: CAMP BLOOD DONAT: CAMP | oarticip progr eme ION ION | Orgar cy/ | s such as Swach hising unit/Agen collaborating agency BBIT JIMSH JIMSH | vities with G nh Bharat, A Name of th BLOOD D BLOOD D BLOOD D CLEANI HYGIE | Government aids Awaren ne activity ONATION ONATION ONATION | Organisations, N less, Gender Issu Number of teach participated in s activites 18 38 44 76 | ie, etc. hers | . during the year Number of students participated in such activites 256 697 475 |
| 3.4.3 – Students p Organisations and Name of the sch BLOOD DONAT: CAMP BLOOD DONAT: CAMP BLOOD DONAT: CAMP SWACHH BHAR | oarticip progr eme ION ION ION | Orgar cy/ | s such as Swach hising unit/Agen collaborating agency BBIT JIMSH JIMSH | vities with G nh Bharat, A Name of th BLOOD D BLOOD D BLOOD D CLEANI HYGIE | Government aids Awaren ne activity ONATION ONATION ONATION LINESS ENESS | Organisations, N less, Gender Issu Number of teach participated in s activites 18 38 44 76 | ie, etc. hers | . during the year Number of students participated in such activites 256 697 475 |
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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

| | 1 | | | | í | | ì |
|---|---|---|---|---|--|--|--|
| Nature of linkage | Title of linka | | Name of the partnering institution/ industry /research lab with contact details | Duration From | Durati | on To | Participant |
| Internship | Vocati Train | | South Eastern Railways | 27/06/2017 | 10/07 | /2017 | 10 |
| Internship | Vocati Train | | NTPC Limited | 01/06/2018 | 30/06 | /2018 | 1 |
| Internship | Indust Train | | DHUNSERI PETROCHEM INDUSTRIES PVT.LTD. | 01/06/2018 | 30/06 | /2018 | 1 |
| Internship | Indust Train | | Carriage Repair | 01/06/2018 | 30/06 | /2018 | 1 |
| Internship | Staad | lPro | Siemens | 01/06/2018 | 30/06 | /2018 | 1 |
| Internship | Vocati Train | | WBSETCL | 28/12/2017 | 17/01 | /2018 | 4 |
| Internship | Vocati Train | | Central Public Works Department | 05/01/2018 | 19/01 | /2018 | 16 |
| | | | | | | | |
| | | | <u>View</u> | <u>r File</u> | | | |
| - | | itutions c | View f national, internatio | | her univer | sities, ind | ustries, corporate |
| - | he year | | | | | l stud | Number of ents/teachers |
| ouses etc. during t | he year | Date | f national, internatio | onal importance, ot Purpose/Activ | rities | l stud | Number of ents/teachers |
| ouses etc. during t | he year | Date | of MoU signed | onal importance, ot Purpose/Activ | rities | l stud | Number of ents/teachers |
| ouses etc. during t Organisatio | he year | Date No I | of MoU signed | Purpose/Activ Durpose/Activ Dt Applicable | rities !!! | l stud | Number of |
| Duses etc. during t Organisatio | INFRAS | Date No I | of MoU signed Data Entered/No View | Purpose/Activ Durpose/Activ Dt Applicable | rities !!! | l stud | Number of ents/teachers |
| Duses etc. during t Organisatio RITERION IV – 1 – Physical Fac | he year on INFRAS ⁻ cilities | Date No I | of MoU signed Data Entered/No View | Purpose/Activ Purpose/Activ ot Applicable 7 File NING RESOUR | rities !!! CES | f stud participa | Number of ents/teachers |
| Organisatic Organisatic RITERION IV – 1 – Physical Fac .1.1 – Budget alloc | INFRAS INFRAS cation, excl | Date No I TRUCT | of MoU signed of MoU signed Data Entered/No View URE AND LEAR | Purpose/Activ Purpose/Activ ot Applicable <u>7 File</u> NING RESOUR | rities III CES Iring the y | rear | Number of ents/teachers |
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| Organisatic Organisatic RITERION IV – .1 – Physical Fac I.1.1 – Budget allocat | INFRAS INFRAS Cation, excl ed for infra 70000 | Date No I TRUCT luding sa structure | of MoU signed of MoU signed Data Entered/No View URE AND LEAR | Purpose/Activ Purpose/Activ ot Applicable <u>7 File</u> NING RESOUR re augmentation du Budget utilize | rities III CES Iring the y ad for infra | rear | Number of ents/teachers ated under MoUs |
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| Organisation Organisation CRITERION IV – .1 – Physical Fact I.1.1 – Budget allocate Budget allocate I.1.2 – Details of an | INFRAS INFRAS illities cation, excl ed for infra 70000 ugmentatio Faciliti the equ | Date No I TRUCT luding sa structure 0000 on in infra ties | of MoU signed of MoU signed Data Entered/No View URE AND LEAR alary for infrastructur augmentation astructure facilities d | Purpose/Activ Purpose/Activ ot Applicable <u>Applicable</u> NING RESOUR re augmentation du Budget utilize | rities III CES uring the y ed for infra 6380 | ear ear 1182 | Number of ents/teachers ated under MoUs development |
| Organisation Organisation Crganisation CRITERION IV – .1 – Physical Factor I.1.1 – Budget allocator Budget allocator I.1.2 – Details of an Value of | INFRAS INFRAS illities cation, excl ed for infra 70000 ugmentatio Faciliti the equi | Date No I TRUCT luding sa structure 0000 on in infra ties | of MoU signed of MoU signed Data Entered/No View URE AND LEAR alary for infrastructur a augmentation astructure facilities d astructure facilities d in lakhs) | Purpose/Activ Purpose/Activ ot Applicable <u>Applicable</u> NING RESOUR re augmentation du Budget utilize | rities 111 CES uring the y ed for infra 6380 isting or N | rear astructure 1182 Jewly Add Added | Number of ents/teachers ated under MoUs development |
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| .2 – Library a | as a Lea | rning F | Resou | rce | | | | | | | |
| l.2.1 – Library | / is autom | ated {Ir | ntegrate | ed Library | / Managem | ent System | (ILMS)} | | | | |
| | the ILMS ware | ۲ ۱ | | of autom or patiall | ation (fully y) | V | ersion | | Y | ear of au | tomation |
| LIB | BSYS | | | Fully | | Z | 59.50 | | | 200 |)9 |
| .2.2 – Library | / Services | | | | | | | | | | |
| Library Service Type | e | E | xisting | | | Newly Ad | ded | | | Total | |
| Text Books | .s 40 | 703 | 2 | 212000 | 64 | 17 | 200000 | | 4135 | 0 | 412000 |
| Reference Books | e 7 | /52 | 1 | 100000 | 4 | 7 | 33790 | | 799 | | 133790 |
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| 4 – Maintenance of Cam | pus Infrastructure | | |
| .4.1 – Expenditure incurred proponent, during the year | on maintenance of physical f | acilities and academic suppo | rt facilities, excluding sala |
| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurredon maintenance of physica facilites |
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| their department premises. The infrastructure. An inspection of the c | rtments are responsib ts. Librarian looks a e Registrar looks aft n infrastructure main classrooms and recomma reviews the maintena | fter the maintenance er the maintenance contenance contenance contenance committee contenance the maintenance | of the library of the office onducts periodical steps. The cantee |
| | http://www. | bbit.edu.in | |
| | NT SUPPORT AND PRO | GRESSION | |
| 1 – Student Support | | | |
| .1.1 – Scholarships and Fin | ancial Support | | |
| | Name/Title of the scheme | Number of students | Amount in Rupees |
| | | | |
| Financial Support from institution | BBIT SCHOLARSHIP | 75 | 1500000 |
| | BBIT SCHOLARSHIP | 75 | 1500000 |
| from institution Financial Support | BBIT SCHOLARSHIP SVMCM,SC,ST,OBS AND MINORITY | 75 423 | 1500000 |
| from institution Financial Support from Other Sources | SVMCM, SC, ST, OBS AND | | |
| from institution Financial Support from Other Sources a) National | SVMCM,SC,ST,OBS AND MINORITY 0 | 423 | 12690000 |
| from institution Financial Support from Other Sources a) National b)International .1.2 - Number of capability | SVMCM,SC,ST,OBS AND MINORITY 0 | 423 0 uploaded. ent schemes such as Soft sk | 12690000 0 Il development, Remedial |
| from institution Financial Support from Other Sources a) National b)International .1.2 - Number of capability | SVMCM, SC, ST, OBS AND MINORITY 0 No file enhancement and developme | 423 0 uploaded. ent schemes such as Soft sk | 12690000 0 Il development, Remedial |
| from institution Financial Support from Other Sources a) National b)International .1.2 - Number of capability baching, Language lab, Brid Name of the capability | SVMCM, SC, ST, OBS AND MINORITY 0 No file enhancement and developme ge courses, Yoga, Meditation | 423 0 uploaded. ent schemes such as Soft sk , Personal Counselling and Number of students | 12690000 0 Il development, Remedial Aentoring etc., |
| from institution Financial Support from Other Sources a) National b)International .1.2 - Number of capability baching, Language lab, Brid Name of the capability enhancement scheme | SVMCM, SC, ST, OBS AND MINORITY 0 No file enhancement and developme ge courses, Yoga, Meditation Date of implemetation | 423 0 uploaded. ent schemes such as Soft sk , Personal Counselling and N Number of students enrolled | 0 Il development, Remedial Mentoring etc., Agencies involved |
| from institution Financial Support from Other Sources a) National b)International .1.2 - Number of capability baching, Language lab, Brid Name of the capability enhancement scheme MENTORING | SVMCM, SC, ST, OBS AND MINORITY 0 No file enhancement and development ge courses, Yoga, Meditation Date of implemetation 26/11/2018 | 423 0 uploaded. ent schemes such as Soft sk , Personal Counselling and N Number of students enrolled 350 | 0 0 Il development, Remedial Aentoring etc., Agencies involved BBIT |
| from institution Financial Support from Other Sources a) National b) International .1.2 - Number of capability baching, Language lab, Brid Name of the capability enhancement scheme MENTORING SOFTSKILL TRAINING | SVMCM, SC, ST, OBS AND MINORITY 0 No file enhancement and development ge courses, Yoga, Meditation Date of implemetation 26/11/2018 04/09/2017 | 423 0 uploaded. ent schemes such as Soft sk , Personal Counselling and N Number of students enrolled 350 215 | 12690000 0 Il development, Remedial Aentoring etc., Agencies involved BBIT BBIT |

| | - | | | | |
|--|--|--|---|---|---|
| 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 place |
| 2017 | Technical Online Test | 115 | 115 | 110 | 57 |
| 2018 | Mock Assessment by Firstnaukri | 173 | 173 | 100 | 2 |
| 2018 | TCS Ninja Pattern Assessment | 120 | 120 | 100 | 2 |
| | | No file | uploaded. | | |
| | mechanism for tran Iging cases during t | | edressal of student | grievances, Preven | tion of sexual |
| Total grievar | nces received | Number of grieva | ances redressed | Avg. number of d redre | • • |
| : | 2 | 2 | 2 | 3 | 3 |
| | | | | | |
| – Student Pro | aression | | | | |
| - Student Pro | - | uring the year | | | |
| | ampus placement d | uring the year | | | |
| | - | uring the year | | Off campus | |
| | ampus placement d | uring the year Number of stduents placed | Nameof organizations visited | Off campus Number of students participated | Number of stduents place |
| .1 – Details of ca Nameof organizations | On campus On campus Number of students participated | Number of | organizations visited | Number of students participated | |
| .1 – Details of ca Nameof organizations | On campus On campus Number of students participated | Number of stduents placed | organizations visited | Number of students participated | |
| .1 – Details of ca Nameof organizations visited | On campus On campus Number of students participated | Number of stduents placed pata Entered/N <u>Viev</u> | organizations visited ot Applicable | Number of students participated | |
| .1 – Details of ca Nameof organizations visited | Ampus placement d On campus Number of students participated No D | Number of stduents placed pata Entered/N <u>Viev</u> | organizations visited ot Applicable | Number of students participated | |
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| .1 – Details of ca Nameof organizations visited .2 – Student pro Year | ampus placement d On campus Number of students participated No I gression to higher ef students enrolling into higher education | Number of stduents placed Pata Entered/N Viev education in percen Programme graduated from | organizations visited ot Applicable <u>v File</u> tage during the yea Depratment graduated from | Number of students participated III nr Name of institution joined | stduents place Name of programme admitted to |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 | Ampus placement d On campus Number of students participated No I gression to higher e Number of students enrolling into higher education 2 | Number of stduents placed Pata Entered/N Viev education in percen Programme graduated from BTECH | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE | Number of students participated IIII nr Name of institution joined | Stduents place Name of programme admitted to MTECH |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 | ampus placement d On campus Number of students participated No I gression to higher e Number of students enrolling into higher education 2 1 | Number of stduents placed Pata Entered/N View education in percen Programme graduated from BTECH BTECH | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE ECE | Number of students participated !!! nr Name of institution joined JU BBIT | Stduents place Name of programme admitted to MTECH MBA |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 2018 2017 | ampus placement d On campus Number of students participated No I gression to higher e Number of students enrolling into higher education 2 1 1 1 | Number of stduents placed Pata Entered/N View education in percen Programme graduated from BTECH BTECH BTECH BTECH | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE ECE CE ME | Number of students participated !!! Name of institution joined JU BBIT BBIT | Stduents place Name of programme admitted to MTECH MBA MBA |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 2017 2017 | ampus placement d On campus Number of students participated No I gression to higher e gression to higher education 2 1 2 1 2 2 1 2 1 2 1 1 2 1 1 2 1 | Number of stduents placed Pata Entered/N Viev education in percen Programme graduated from BTECH BTECH BTECH BTECH BTECH No file | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE ECE CE CE ME uploaded. | Number of students participated ! ! ! nr Name of institution joined JU BBIT BBIT BBIT BBIT | Stduents place Name of programme admitted to MTECH MBA MBA |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 2018 2017 2017 .3 – Students qu | ampus placement d On campus Number of students participated No I gression to higher e Number of students enrolling into higher education 2 1 1 1 | Number of stduents placed Data Entered/N View education in percen Programme graduated from BTECH BTECH BTECH BTECH BTECH No file | organizations visited ot Applicable <u>v File</u> tage during the yea Depratment graduated from CSE ECE CE ME uploaded. | Number of students participated III Name of institution joined JU BBIT BBIT BBIT BBIT during the year | Stduents place Name of programme admitted to MTECH MBA MBA |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 2018 2017 2017 .3 – Students qu | ampus placement d On campus Number of students participated No I gression to higher e gression to higher e later and the students and the stud | Number of stduents placed Data Entered/N View education in percen Programme graduated from BTECH BTECH BTECH BTECH BTECH No file | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE ECE CE ME uploaded. level examinations Services/State Gov | Number of students participated III Name of institution joined JU BBIT BBIT BBIT BBIT during the year | stduents place Name of programme admitted to MTECH MBA MBA MBA |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 2018 2017 2017 .3 – Students qu | Ampus placement d On campus Number of students participated No I gression to higher e Students enrolling into higher education 2 1 1 2 ualifying in state/ nat /GATE/GMAT/CAT/ | Number of stduents placed Data Entered/N View education in percen Programme graduated from BTECH BTECH BTECH BTECH BTECH No file | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE ECE CE ME uploaded. level examinations Services/State Gov | Number of students participated !!! Name of institution joined JU BBIT BBIT BBIT BBIT during the year ernment Services) | stduents place Name of programme admitted to MTECH MBA MBA MBA |
| .1 – Details of ca Nameof organizations visited .2 – Student pro Year 2018 2018 2018 2017 2017 .3 – Students qu | Ampus placement d On campus Number of students participated No I gression to higher e Students enrolling into higher education 2 1 1 2 ialifying in state/ nat /GATE/GMAT/CAT/ | Number of stduents placed Data Entered/N View education in percen Programme graduated from BTECH BTECH BTECH BTECH BTECH No file | organizations visited ot Applicable v File tage during the yea Depratment graduated from CSE ECE CE ME uploaded. level examinations Services/State Gov | Number of students participated III Name of institution joined JU BBIT BBIT BBIT BBIT during the year ernment Services) students selected/ | stduents place Name of programme admitted to MTECH MBA MBA MBA |

| Activity | Level | Number of Participants |
|--|-------------------|------------------------|
| VERVE | INSTITUTION LEVEL | 202 |
| BBIT INTER COLLEGE CRICKET TOURNAMENT | INTER COLLEGE | 132 |
| GULABI DEVI FOOTBALL TOURNAMENT | INTER COLLEGE | 88 |

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 |
|------|-------------------------|---------------------------|-----------------------------------|-------------------------------------|-------------------------------|--|
| 2018 | CRIAR | National | 0 | 1 | 114, 102,0 21,024,035 | SAEED AHMED, ARINDAM MOURI, SIMON NAGURI, SUDIPTA NAG |
| 2017 | CIVIONICS | National | 1 | 0 | 011, 102, 111, 076, 044 | SAMBIT CHANDRA, SANDIP DAS, ARKA PRAVA, SHAYAN DHAR, RUPESH SARKAR |

No file uploaded.

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

Student council acts as liaison with the community in general faculty and students in particular. They serve on committee and provide input on organizing all the co-curricular and extra-curricular activities of the institution like conferences, workshop, seminar, inter-collegiate competitions, inter-department tournaments, NSS, YRC, NCC and Community services. They have actively participated in designing and implementing plans on energy conservation and in maintenance of campus as clean and green. They have formed committees to educate slow learners, especially the UG representative plays a crucial role in training UG first year students on communicative English after the college hours.

5.4 – Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

We have presently 200 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.We have presently 400 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.After the welcome ceremony, the college management and director interact with Alumni, and some of them shares their success stories.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:

164

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

TWICE IN A EVERY YEAR ANNUAL ALUMNI MEET KNOWLEDGE SHARING PROGRAMMES BY ALUMNI OF EACH DEPARTMENT LENDING SUPPORTIVE HAND IN PLACEMENT DRIVE

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 Institution has a mechanism for delegating authority and providing operational autonomy to all the Heads of the Departments under the stewardship of the Principal one who is the Head of the Institution. The Governing Body is constituted in which the faculty representation is also made. It delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institution. Academic Monitoring Committee formulates common working procedures and entrusts the implementation with the faculty members. Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct seminars/workshops/conferences/FDPs and industrial tours and to have tie up with industry experts. For effective implementation and improvement of the institution, various committees are formed. Other activities such as sports, library, NCC, NSS, YRC, Gandhian Forum, Women Cell, ED Cell, Community Services and Grievance Cell have operational autonomy under the guidance of Coordinators Student Council is empowered to play an active role in cocurricular and extra-curricular activities, and they are extending community services also. They are extending the helping hands in implementing Energy Conservation mechanism in the institution and also caring the cleanliness of the campus.

| 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 | | | | | |
| Curri gulum Douolormont | The TONG engune quality in gumpigulum | | | | |

Curriculum Development

The IQAC ensure quality in curriculum development through FDP on Teaching

| | <pre>pedagogy and personal effectiveness, semester wise, Workshop on Quality Enhancement in Higher Education, Leadership skill like Out Of Box Thinking, Internal Academic Audit, Effective Feedback System, Regular Faculty Meeting on Academic issues, Annual Advisory Committee Meeting and IQAC Meeting with Industrial and Academic Experts.</pre> |
|---|--|
| Teaching and Learning | The IQAC ensures quality in Teaching and learning by offering Inter disciplinary certificate courses, ADD ON Certificate Courses twice in a year, NPTEL online courses and skill development classes for Personality Enrichment along with regular curriculum. Remedial classes are arranged to improve the academic performance of slow learners, whereas High achievers are motivated by assigning mini project, seminars, question bank and allowed to access Digital Library for referring E books which enable them to secure University Ranks. The average students are taken care by extra coaching classes after the college hours. |
| Examination and Evaluation | The Institution has a centralized EXAM CELL, which conducts two cycle test and one model examination per semester for 75 marks. Each test mark is scaled down to 10 marks. The best of the three test marks is chosen as the CIA marks secured by the students for each subjects. Periodical assignment and seminar by students are being taken to assess the performance for five marks for each. A minimum of 75 percentage of attendance is required to appear in the University Examination. Maximum of 5 marks are awarded for 100 percent attendance and minimum of 3 marks are awarded for 75 percentage of attendance. |
| Research and Development | Research and development activities are centralized under the Headship of Research Advisor. The staff members are motivated to publish research articles in UGC Approved Peer Reviewed Journals and the institution has In house Multi Disciplinary Research Journal in which the members of the staff are encouraged to publicize their research articles. |
| Library, ICT and Physical Infrastructure / Instrumentation | The College library is fully automated with AUTOLIB software system. The |

| Human Resource Management | <pre>college has taken effort to digitalize its library. There are 10 computers available for the students and teachers to access the electronic resources. The library has internet and wifi connection for the benefit of staff and students. The Librarian goes through the Newspapers and collect relevant news items related to education and employment opportunity, socio cultural issues, current issues and displays them on the notice board. They also document them systematically. The Librarian take efforts all the question paper of the University of Examination of previous year and compile them orderly for the easy access by the staff and students. The Library has institutional membership with British Council Library, American Library, University of Madras Library and NDLI membership is an additional credential to the college. The Management motivates the teaching staff for attending workshops/International, National and State level conferences. Financial incentives are given to the organizers of the conferences to motivate them to organize more research based programmes with competitive spirit and Cash Awards are given for the Best Paper presenters. Faculties were appraised and motivated for further enrichment with research aptitude. Non-teaching</pre> |
|--|--|
| Industry Interaction / Collaboration | <pre>staff are motivated to pursue their higher education in distance mode. The Institution has signed MOUs with corporate bodies and obtained Institutional Membership. The Institution is collaborated with MNCs companies for placement and internship</pre> |
| Admission of Students | programmes. The Institution follows the norms of the University of the Madras for admitting the students in various UG/PG/Research programmes Financial help, flexibility in payment of fees in easy installment is allowed for the needy students. The UG students of the institution are entitled to avail 15 percentage fees discount for pursuing PG programmes in the same institution. |
| 6.2.2 – Implementation of e-governance in areas of opera E-governace area | ations: Details |
| | |

| Examination | The College has the separate Examination committee with well equipped ITC Tools, Separate Desktop with Internet Facility for online procedures. |
|-------------------------------|---|
| Administration | Simple moral accountable responsive and transparent governance is applied in administration. |
| Student Admission and Support | Right from the sale of application, registration, screening, preparation of list as per communal quota and merit are all done through ICT enabled services. |
| Finance and Accounts | Day to day transactions, vouchers and bills are done through easy software system. 2. Reports are generated using the software system. |
| Administration | Preparation of monthly salary statement for teaching and Non-teaching staff has been done using software system. 2. Helping the students to apply for various scholarships under different schemes. |

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 |
|------|--------------------------|---|---|-------------------|
| 2018 | MS. DIPAKK KUMAR SHAW | SEMINAR ON ENERGY SYSTEMS | 800 | 800 |
| 2017 | DEBAJIT BANEJEE | WORKSHOP ON FUTURE ROBOTICS | 1000 | 1000 |
| | - | No file uploaded | 1. | |

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 | YOGA DAY | YOGA DAY | 11/04/2018 | 11/04/2018 | 42 | 31 |
| 2018 | USE OF INF ORMATION TECHNOLOGY FOR EDUCATION | WORKSHOP IN MS OFFICE PRO FESSIONAL | 10/05/2018 | 10/05/2018 | 102 | 44 |
| 2018 | WORKSHOP | WORKSHOP | 05/03/2018 | 05/03/2018 | 98 | 22 |

| | TALLY ON | TALLY | | | | |
|---|---|--|--|------------|-----------------|------------------------------------|
| | | No file | uploaded | l. | | |
| .3.3 – No. of teachers ourse, Short Term Co | • • | | | | | Programme, Refreshe |
| Title of the professional development programme | Number of tea who attend | | ers From Date | | o date | Duration |
| FACULTY DEVELOPMENT PROGRAM | 26 | 02/0 | 02/01/2018 04 | | 01/2018 | 4 |
| FACULTY DEVELOPMENT PROGRAM | 22 | 07/03 | 3/2017 | 09/0 | 8/2017 | 4 |
| | | No file | uploaded | l | | |
| .3.4 – Faculty and St | aff recruitment (I | no. for permanent | ecruitment): | | | |
| | Teaching | | | | Non-teachir | ng |
| Permanent | | Full Time | Pe | rmanent | | Full Time |
| 148 | | 148 | | 62 | | 56 |
| .3.5 – Welfare schem | es for | | | | | |
| Teachir | ıg | Non-t | eaching | | | Students |
| PF, DA, HRA, T GRATUI | | PF, HRA, ML, | HRA, ML, PL, GRATUITY INSTITUT | | ONAL SCHOLARSHI | |
| 4 – Financial Mana | gement and R | esource Mobiliza | ition | | | |
| .4.1 – Institution cond | lucts internal an | d external financia | audits regul | arly (with | in 100 word | s each) |
| YES, BOTH I | NTERNAL AND | EXTERNAL FIN | ANCIAL AU | DITS AR | E CONDUC | TED REGULARLY |
| | | | | | | |
| | | nanagement, non- | government | bodies, in | dividuals, ph | nilanthropies during th |
| | terion III) government | nanagement, non- Funds/ Grnats | | | dividuals, pr | nilanthropies during th Purpose |
| ar(not covered in Cri Name of the non | terion III) government /individuals | Funds/ Grnats | | | | |
| ear(not covered in Cri Name of the non funding agencies | terion III) government /individuals | Funds/ Grnats | received in | Rs. | | |
| ear(not covered in Cri Name of the non funding agencies JKB GAS PV | terion III) government /individuals /T LTD | Funds/ Grnats | received in | Rs. | | Purpose |
| ear(not covered in Cri Name of the non funding agencies JKB GAS PV | terion III) government /individuals /T LTD nd generated | Funds/ Grnats | received in 0000 uploaded | Rs. | SITE | Purpose |
| ear(not covered in Cri Name of the non funding agencies | terion III) government /individuals /T LTD nd generated <u>No I</u> | Funds/Grnats 15 No file Data Entered/I | received in 0000 uploaded | Rs. | SITE | Purpose |
| ear(not covered in Cri Name of the non funding agencies JKB GAS PV .4.3 – Total corpus fu | terion III) government /individuals /T LTD nd generated No I | Funds/ Grnats 15 No file Data Entered/1 /stem | received in 0000 uploaded Not Applic | Rs. | SITE | Purpose |
| ear(not covered in Cri Name of the non funding agencies JKB GAS PV .4.3 – Total corpus fu 5 – Internal Quality | terion III) government /individuals /T LTD nd generated No I | Funds/ Grnats 15 No file Data Entered/1 /stem | received in 0000 uploaded Not Applic | Rs. | SITE | Purpose |
| ear(not covered in Cri Name of the non funding agencies JKB GAS PV .4.3 – Total corpus fu .4.3 – Total corpus fu .5.1 – Whether Acade | terion III) government /individuals /T LTD nd generated No I | Funds/ Grnats 15 No file Data Entered/I /stem strative Audit (AA/ External | received in 0000 uploaded Not Applic | Rs. | SITE | Purpose DEVELOPMENT |
| ar(not covered in Cri Name of the non funding agencies JKB GAS PV 4.3 – Total corpus fu 4.3 – Total corpus fu 5 – Internal Quality 5.1 – Whether Acade | terion III) government /individuals /T LTD nd generated No I r Assurance Sy emic and Admin | Funds/ Grnats | received in 0000 uploaded Not Applic A) has been o | Rs. | SITE | Purpose DEVELOPMENT |

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

Leveraging volunteer power during in organizing conferences, workshops, symposiums. Lending their supporting hands in college developmental activities. Sponsoring Meritorious Students.

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

Medical check up and Orientation Programme

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

Automation, Digitization, Institutional Membership have enhanced College Library. Career Guidance Programme and More Corporate Tie-ups were initiated by Placement Cell. The college has been awarded as Active Local Chapter for NPTEL Online courses

6.5.5 - Internal Quality Assurance System Details

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

6.5.6 - Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|--|----------------------------|---------------|-------------|------------------------|
| 2018 | FDP ON PEDAGOGY AND PERSONAL EFF ECTIVENESS | 22/01/2018 | 22/01/2018 | 22/01/2018 | 165 |

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 |
| LECTURE ON WOMEN EMPOWERMENT | 02/04/2018 | 02/04/2018 | 145 | 157 |
| GENDER EQUALITY IN WORK PLACE | 13/03/2018 | 13/03/2018 | 171 | 44 |

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

25185 kilowatts

7.1.3 - Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries | | |
|---------------------|--------|-------------------------|--|--|
| Physical facilities | Yes | 2 | | |

| Provision for lift | | | Yes | | | | 10 | | | | |
|---|---|---|--------|-----------------|----------------|--|----------------|-------------------------------------|---|--|--|
| Ramp/Rails | | | Yes | | | | 15 | | | | |
| Rest Rooms | | | | Yes | | | 12 | | | | |
| 7.1.4 – Inclusion and Situatedness | | | | | | | | | | | |
| Year | Number of initiatives to address locational advantages and disadva ntages | 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 | 1 | 2 | | 27/12/201 7 | 1 | RUN FOR WATER | | CONSERVAT ION OF WA TERBODIES | 354 | | |
| 2018 | 1 | 2 | | 05/01/201 8 | 1 | HEALTH CARE | | HEALTH CARE | 480 | | |
| 2018 | 1 | 2 | | 25/01/201 8 | 1 | | IATCH ARATH | HYGIENE | 756 | | |
| No file uploaded. | | | | | | | | | | | |
| 7.1.5 – Humar | n Values and P | rofessiona | al Eth | nics Code of co | onduct (handb | ooks) | for variou | us stakeholder | S | | |
| | Title | | | Date of pu | ublication | | Foll | ow up(max 10 | 0 words) | | |
| Rules) for Teaching Non- Teaching Staff. | | | | | | <pre>students is available in the college prospectus which is published at the onset of each academic year and to administer the teaching and non teaching staffs to run the Institution smoothly and regularly.</pre> | | | | | |
| 7.1.6 – Activiti | es conducted f | or promot | ion o | f universal Val | ues and Ethic | s | | | | | |
| EDUCATING RURAL AI | ivity WOMEN IN ND URBAN REA | | | | Durat 06/03 | | | Number of participants 156 | | | |
| | | | | No file | uploaded. | | | | | | |
| 7.1.7 – Initiativ | ves taken by the | e institutio | n to | make the cam | pus eco-friend | lly (at | least five |) | | | |
| Usage of plastics bags strictly banned in the campus. Kitchen and plant waste are decomposed in compost pit. Providing green environment by cultivating organic vegetables and herbs. Recycle of waste papers by paper Mache art. Usage of Jute bags | | | | | | | | | | | |
| 7.2 – Best Practices | | | | | | | | | | | |
| 7.2.1 – Describe at least two institutional best practices | | | | | | | | | | | |
| Transparency in Internal Assessment Evaluation Process. Scholarship initiatives for more beneficiaries. | | | | | | | | | | | |
| | | | | | | | | | | | |

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

https://www.flickr.com/photos/bbitpict/albums/72157698443728940

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 institution is keenly interested on women empowerment by educating economically underprivileged students for the upliftment of the society. Hence the priority is given to the educationally and economically deprived students in admission. Further more Dyslexic students are admitted and special care is given for them. During University Examination, they are given extra time and if necessary scribes are also arranged. The Management has appointed visually challenged staff in the department of languages. The scholarship Committee enable the deserving students from both Central and State Government. Besides, the Institution provides scholarship for the meritorious students.

Provide the weblink of the institution

http://www.bbit.edu.in

8. Future Plans of Actions for Next Academic Year

Since the Institution is stepping into pivotal 11th year of Excellence in Higher Education, the management is focusing on the Research activities of PG and Research Department by providing financial assistance. The Management has planned to provide financial support in the form of allowances, Cash awards and more training facilities to strengthen the Physical Education Department. With a view to promote more community services to the local activities, it is planned to launch Community Radio. Furthermore, the institution has plan of action for organizing International and National Conferences, Intercollegiate Cultural Events, Faculty Development Programmes, Workshop on Employability skills, Industrial Visit and Field Trips. More number of ADD ON and Inter Disciplinary Certificate Courses will be introduced on the basis of demand in the Job Market. The Virtual incubator of the college will be strengthened by providing some more financial assistance for nurturing budding entrepreneurs into viable Business Entrepreneurs is also in our Action Plan. The Placement and Career Guidance Cell will get focused on Corporate Tie-ups whereas the IQAC will initiate signing up MOUs with more MNCs during the academic year 2018-2019.