



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

**BHARAT INSTITUTE OF ENGINEERING
AND TECHNOLOGY**

- Name of the Head of the institution **Dr. K. Venugopal**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **08414252313**
- Mobile no **9640909047**
- Registered e-mail **principal.biet.hyd@gmail.com**
- Alternate e-mail **principal@biet.ac.in**
- Address **MANGALPALLY (VILLAGE),
IBRAHIMPATNAM (MANDAL)**
- City/Town **RANGA REDDY DISTRICT**
- State/UT **Telangana**
- Pin Code **501510**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University Hyderabad**
- Name of the IQAC Coordinator **Dr G.Muni Reddy**
- Phone No. **08414252399**
- Alternate phone No.
- Mobile **9032258962**
- IQAC e-mail address **principal.biet.hyd@gmail.com**
- Alternate Email address **drmuni@biet.ac.in**
- 3.Website address (Web link of the AQAR (Previous Academic Year))** <http://biet.ac.in/aqar-activities.php>
- 4.Whether Academic Calendar prepared during the year?** **Yes**
 - if yes, whether it is uploaded in the Institutional website Web link: <http://biet.ac.in/academic-calendar.php>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.53	2018	02/11/2018	01/11/2023

6.Date of Establishment of IQAC **29/09/2014**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Faculty	Investigation on Oppo Mobile Display Assembly	OPPO Mobile	2021-22	1 Lakh 70 Thosand
Faculty	DST SERB PAC MEET	DST	2021-22	11 Lakh
Faculty	SPICE	AICTE	2021-22	1 Lakh
Faculty	STTP	AICTE	2021-22	Ninety Three Thousand

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Four research projects funded by AICTE and DST for 15 lakhs has been sanctioned. 20 workshops/seminars were conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship. 71 Number of Collaborative activities for

research, Faculty exchange, Student exchange/ internship year wise were conducted. Finalist in AICTE Manthan 2021---Team Kanyarashi • Finalist in Chatra Vishwakarma Award 03 Teams from BIET • Finalist in AICTE Smart India Hackathon 2022 Software Edition Team Virtual Trackers

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Strengthening the quality of academics	Various teaching methodologies such as use of ICT in teaching learning, guest lecture series, group discussions, seminars, tutorials and assignments were practiced
Strengthening of Institution's Innovation Council	Participation of students in various hackathons conducted
Mandatory internship for all students	Summer internship made mandatory for all the IV year students
Strengthening the research and development activities	Many staff have published research papers in various journals and conferences

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
IQAC	28/12/2022

14. Whether institutional data submitted to AISHE

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13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
IQAC	28/12/2022
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2021-2022	03/03/2023
15. Multidisciplinary / interdisciplinary	
<p>The vision of the institute is to achieve the autonomous status and then the university status to spread universal education by inculcating discipline, character and knowledge in the young minds. Presently the institution is affiliated to JNTU Hyderabad. As the institution is affiliated to a university, it is bound to follow the affiliating university's curriculum. Presently the university curriculum offer flexible and innovative curricula that includes credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and</p>	

multidisciplinary education. This can be achieved with the inclusion of various subjects like: Environmental studies, Constitution of India, various subjects related to mathematics, physics, chemistry and other science and humanities subjects. The curriculum also offers subjects of various other engineering departments. The college has an active NSS cell and NCC cell in order to engage students in various community and social service activities.

16.Academic bank of credits (ABC):

Presently the institution is affiliated to JNTU Hyderabad. As the institution is affiliated to a university, it is bound to follow the affiliating university's curriculum and regulations. Our institute is trying to attain autonomous status and then university status, then the institute has autonomy to implement policies in line with NEP 2020. The affiliating university has framed some guidelines to permit its learners to avail the benefit of multiple entries and exit during the chosen programme and the same are followed by the institute.

17.Skill development:

The institute has exclusively a training for placement cell to take care of the training to develop various skills needed for the students to get placed in top companies come to college for recruiting the students. Exposure to the students about the happenings with various Industries is provided through our Institute- Industry Collaboration. This is to make them understand the dynamic industrial environment and to keep them updated technically. The institute takes up various capacity building and skills enhancement initiatives department wise periodically so as to promote various skills like: Soft skills, Language and communication skills and Life skills (Yoga, physical fitness, health and hygiene). Institute engages the services of Industry veterans and master crafts persons to provide vocational skills and overcome gaps vis-à-vis trained faculty provisions. Soft skill development programme aims to create skills necessary for enhancing employability as well as entrepreneurial abilities of students. The programme covers lectures and work-shops by experts. Therefore, well known personalities from various fields are invited to share their experiences and success stories. This develops the students' ability to effectively interact with others in a corporate environment. In BIET, every month we are inviting trainers and experts in this field to train the students.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language,

culture, using online course)

Presently the institution is affiliated to JNTU Hyderabad. As the institution is affiliated to a university, it is bound to follow the affiliating university's curriculum. But the institute always encourages the Indian culture by celebrating the festivals like Pongal, Bathukamma, Holi etc. Bathukamma is a colourful and vibrant floral festival of Telangana, celebrated by women, with flowers that grow exclusively in each region. The festival is the pride of Telangana's cultural identity. Bathukamma celebrates the inherent relationship between earth, water and man. The institute adorns a festive look to celebrate Pongal, the state festival of Telangana. Many competitions such as 'Rangoli' and 'kite festival' display the enthusiasm and teamwork of the faculty. Themes based on the role of agriculture are chosen for Rangoli competition. Many departments such as physical education and human resources department work in collaboration for the benefit of the institution and conduct various competitions for the faculties and students in the campus. The institute takes extra efforts in providing an inclusive environment for all the students and employees. Tolerance and Harmony to cultural, regional, linguistic, communal socioeconomic and other diversities is best achieved by the major events like Holy, Dussehra, TechFest and Cultural Fest at Institute levels. Students have formed various clubs at the campus levels which also support and propagate the idea of diverse cultures. Institute also encourages faculty to teach students in English and vernacular mode so that students can understand easily and grasp the concepts.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The curriculum for each program is provided by JNTUH, Hyderabad. As the institute follows outcome based education, Course Outcomes (COs) are defined for all the courses in the curriculum by each department.

The Program Outcomes (POs) are defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. There are twelve POs defined by NBA and the institute follows the same. Program Specific Outcomes (PSOs) are defined by individual programs.

The POs, PSOs and COs are disseminated to all the stakeholders through various means. POs and PSOs are

displayed on institute's website, various places of the campus like class rooms, corridors, Laboratories, Faculty rooms, etc., and printed on Student handbooks, lab manuals, course files, project reports, institute/department newsletters, etc. The institute evaluates the attainment of COs, POs and PSOs through its evaluation system.

Attainment of CO in a course = 20% of INTERNAL EXAM Attainment Level + 80% of EXTERNAL EXAM Attainment Level

Attainment of CO in a course = $((\text{Level1} \times \text{No. of Students Attempted}) + (\text{Level2} \times \text{No. of Students Attempted}) + (\text{Level3} \times \text{No. of Students Attempted})) / \text{Total No. of Students}$

Computation of Attainment of COs in a course = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

PO and PSO Attainment:

Evaluations of attainment of POs and PSOs based on 80% of direct assessment + 20% of indirect assessment combined to arrive at the Final Evaluation.

20.Distance education/online education:

Online learning from a distance has become a go-to method of education, especially as we all adjust to new circumstances presented by the COVID-19 pandemic. Distance learning is a way of educating students online. Lectures and learning materials are sent over the internet. Students work from home, not in a classroom. Video conferencing is traditionally a meeting where two or more participants use video to connect over the internet. This is a form of synchronous communication. Using tools like Zoom, Microsoft Teams, Google Meet, or other conferencing software, teachers and students interact together no matter where they are located. Video conferencing enhances student-instructor interactions and provides a structure for lesson planning. It remains a vital component of distance learning.

College has good internet connectivity with 300 MBPS leased line, which will facilitate good connectivity for online classes. All the faculty are encouraged to have good infrastructure facilities for conducting online classes like Laptop, writing pad etc. Attendance of the students will be marked using the online conference tools. Reading material, assignments etc., are provided to students using Whatsapp or e-mail..

There are many distance learning benefits. The advantages include:

- Self-inspiration
- Flexibility to choose
- Adaptability and freedom
- Easy access
- Earning while learning
- Money and time savings
- Virtual trips
- Communication with other educational institution

The teacher will:

- Set the theme for each week
- Provide topics for discussion
- Post assignments with detailed instructions.
- Record lectures, short videos, or presentations

Then, students spend the week:

- Watching lectures, videos, or presentations
- Researching discussion topics
- Submitting discussion posts
- Submitting assignments
- Participating in video conferencing
- Corresponding with the instructor via email

Extended Profile

1.Programme

1.1 392

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 2323

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

584

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3

681

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

313

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

313

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 392

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 2323

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 584

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 681

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 313

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2	313
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	72
Total number of Classrooms and Seminar halls	
4.2	1229.87
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1315
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum prescribed by the affiliated university is observed strictly. Apart from this prescribed curriculum, the Institute has designed ways and means to reinforce the teaching-learning process. The curricular planning and implementation is performed in a systematic way.

Preparation of Academic Calendar: At the beginning of each academic year, each department prepares academic calendar incorporating curricular, co-curricular and extra-curricular events in alignment with the institute academic calendar.

Library books Upgradation: The library is informed of required text books, reference books and e- journals for the forthcoming academic year.

Course Allocation: Courses are allocated to the faculty members based on their preferences by the department academic incharge

and approved by the department coordinator. Timetable Preparation: Class-wise time tables also includes time slots for NPTEL/Training, Seminars, counseling sessions, club activities, library and sports. Time tables for lab-wise are prepared incorporating individual lab courses. Individual time tables are prepared for each faculty member reflecting the work load. All these time tables are prepared by Time Table Committee.

Reviews: Periodical review on the coverage of syllabus and regularity of the students is performed by the Academic Incharge followed by IQAC-Academic Audit. The class incharge reviews the coverage of syllabus through Daily Class Work Register (DCWR) and suggestions are invited for the improvement of teaching-learning process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://biet.ac.in/regulations-and-syllabus.php

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

In the beginning of the academic year, academic calendar is published by the University for Respective Course. The institution ensures effective time management and strictly follows timeliness given by the affiliating university. The Institute carries out effective planning to stick to academic calendar. This allows the teachers and the students to space out their teaching and learning and regular assessment of the same.

Every academic year consists of two semesters. Each semester is to be of 16 weeks. The first Continuous Internal Examination (CIE- I) also known as MID-I along with the Lab Internal-1 is conducted after 8 weeks of class work. CIE- II (MID- II) and Lab Internal- II are conducted after 16 weeks of class work. Within the above mentioned 8 weeks of class work, the concerned syllabus is taught to the students. They are then tested on the same material. The Institute conducts assessment to the students in three different components - theory, objective and assignments. The descriptive component is marked out of 10. The objective component is marked out of 10. The assignment is marked out of 5. These tests are conducted in evenly spaced out

intervals to avoid pressuring the students with too many examinations. The Continuous Internal Evaluation is also performed as per the timelines given by the affiliating university without any deviation.

All question papers are set based on the OBE format. They are mapped with their respective course outcomes that are stated in the beginning of the course.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://biet.ac.in/academic-calendar.php

1.1.3 - Teachers of the Institution

D. Any 1 of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

5

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

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

269

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The curriculum offered by the university addresses the cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics. The institute believes in maintaining healthy environment for all of its stakeholders.

Gender Sensitization / Gender Sensitization Lab: JNTUH

introduced a course "Gender Sensitization" to create awareness among students about sensibility with regard to issues of gender in contemporary India. The course also provides critical perspective on the socialization of men and women. Sessions on gender help students attain a finer grasp of how gender discrimination works in our society and how to counter

Apart from this the institution formed Grievances Redressal Cell to provide counseling, promote gender equity and also deal with related issues of safety and security of students and lady staff as well to dissolve discrepancies among students and staff.

Through the course "Professional Ethics" students will be able to know the importance of ethics in engineering profession. This course is comprised of class room discussions with real life situations. It also focuses on ethical concerns common to human service situations. Environmental Studies / Environmental Science and Technology: University prescribed course "Environmental Studies / Environmental Science and Technology", "Disaster Management" provides students understanding of ecological balance for sustainable development, impacts of developmental activities and mitigation measures and environmental policies regulations.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

18

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

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

633

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://biet.ac.in/naac-2020.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://biet.ac.in/naac-2020.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

509

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

242

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

2.2 - Catering to Student Diversity

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

Students admitted in first year through TSEAMCET and in second year through ECET. A well planned orientation program is conducted to motivate them and familiarize them with the

university curriculum and the resources available at the institute. The diploma students, admitted directly into second year through lateral entry are usually lacking in communication and computation skills. First year students are administered screening test to determine their strengths and weaknesses in various parameters : Communication skills test, Quantitative skills and analytical skills, Basic knowledge in fundamental subjects, Additional counseling: on attitude, behavior, psychological etc by Mentor. MENTORING SYSTEM: The institute adopted a well defined mentoring process where each faculty mentor is assigned with a maximum of 20 students for monitoring their attendance, punctuality, discipline and academic performance as well as to guide them through their career path. Initiatives for Assisting the Slow learners: Identifying the weak students based on their academic performance based on Mock Test and Mid Exams. Bridge classes are conducted. Remedial classes are conducted in courses where failures are more in external exams. During project work, they are teamed with advanced learners for enabling the peer learning. Initiatives for motivating Advanced Learners: Arranging lecture/training on advanced topics as a certification course for Students. The students are encouraged to do online certification courses like SWAYAM-NPTEL, MOOCs, Coursera etc. They are motivated and supported to attend conferences, workshops, project expos, Hackathon and other prestigious competitions like Smart India Hackathon, AICTE Viswakarma Awards, etc., to exhibit their skills.

File Description	Documents
Paste link for additional information	http://biet.ac.in/nptel-local-chapter.php
Upload any additional information	View File

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

Number of Students	Number of Teachers
2323	313

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Various Activity-based techniques adopted by the faculty members are listed below: **Lecture method and Interactive learning:** The faculty use chalk and board and audio visual aids in teaching. Students are also encouraged to actually interact during the lecture hour by getting the doubts clarified on the spot. **Faculty using models, charts for interactive teaching.** **Project-based learning:** During the period of study in the III year II semester and IV year II semester, many real time projects are given to the students and they are guided by both faculty and Industry/Research personnel.

Computer-assisted learning: The students are also encouraged to develop software's for the solution of the assignments and tutorials. Many final year projects are completed through the use of software. **Independent learning:** The institute provides well stocked library which consists of bulk of books, journals, project reports and other teaching materials for the use of students and faculty. Faculty and students has got the access to NPTEL, DELNET, MIT, CSI, and ACM video lectures for effective teaching learning practices. **E-Learning/ICT:** Efforts are made to maximize the use of Modern resources and aid to improve the teaching in the class rooms.

The students are also encouraged to use computer software packages for their projects. NPTEL lectures, MIT Lectures E-Journals(DELNET) Faculty utilizes online resource course material of different International and National Universities. The departments conduct paper contest, poster presentation, and technical exhibition etc. under departmental association

File Description	Documents
Upload any additional information	View File
Link for additional information	http://biet.ac.in/cse-faculty-innovations.php

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

ICT tools can be used to find, explore, analyze, exchange and present information responsibly and without discrimination. ICT

can be employed to give users quick access to ideas and experiences from a wide range of people, communities and cultures. Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities include use of ICT, instruction delivery, instructional methods, assessment, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction. Following are the best and innovative practices undertaken by the faculty members for improving teaching and learning experience: Power Point Presentations NPTEL Local Server Access NPTEL Videos Spoken Tutorial Student Seminars Group Discussion Industrial Visits Sessional and pre-university examinations Mini and Major technical projects Communication Skill Development One to one internal viva voce in labs Virtual labs Modern teaching aids like Multimedia, Projectors, and Internet enabled Computer systems are used for class room instruction as well as other student learning experiences. The students are also encouraged to use computer software packages for their projects. E-Journals(DELNET) The following ICT enabled tools are adapted for effective teaching-learning process Established NPTEL Local Chapter <http://biet.ac.in/nptel-local-chapter.php> <https://nptel.ac.in/LocalChapter/statistics/626/> NPTEL lectures, MIT Lectures Enrollment of SWAYAM-NPTEL MOOCs Courses by Students and Faculty <https://swayam.gov.in/> Faculty own ICT Lectures-BIET ICT MOOC'S YOUTUBE CHANNEL (https://www.youtube.com/channel/UCwzJc-NmUbGndi4WL7RJ8_Q) Use of E-Resources <http://biet.ac.in/e-resources.php> Google Class Room

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

313

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

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

313

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

44

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

1285

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The Internal Assessment system is carried out in a systematic manner and is transparent. During the induction program, the first year students are oriented regarding the evaluation system. The changes in evaluation system, if any, are communicated to the students. A detailed academic calendar is available on the website and notice-boards of the Departments. Thus, students know about the dates of examinations well in advance and they can plan their study accordingly. Students are made aware of various parameters of Internal Evaluation system. The internal marks are based on the mid tests and Assignments for theory courses. The answer scripts of internal examinations are shown to the students after evaluation to bring out discrepancies, if any, to the notice of teacher concerned, and the necessary corrections are carried out. In laboratory courses, day to day evaluation is done in each laboratory session and marks are posted in the students' record book. The consolidated list of marks in each midterm exam is displayed in the notice boards and same is communicated to the parents.

Project work and Seminar evaluations are done by respective committees based on the rubrics defined by considering various parameters. The rubrics are informed well in advance to students at the beginning of the semester. The performance of the students regarding the internal test marks and attendance are entered in Automation System. (ECAP). The parents are informed about the internal assessment marks through SMS and posts.

File Description	Documents
Any additional information	View File
Link for additional information	http://biet.ac.in/Examination Guidelines.php

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

The Institute conducts two types of examinations, Internal Examination and External Examination. The examinations are conducted with utmost care given to transparency and fairness. The hall tickets are issued to the students for University Examinations well in advance. Any grievance related to the hall ticket like printing of wrong name or delay in issuance is addressed by the exam cell. Post internal examinations, students are given back their evaluated answer scripts. These answer scripts are corrected by the teachers in the examination cell under the supervision of a controller / in-charge. Students are permitted to assess their own performance and seek any clarifications to the teacher. In case they are entitled to more marks, teachers do the needful. Following the review of answer scripts, the marks are entered in a register before forwarding them to the university. In the case of external examination, any grievance is addressed by the examination branch. The student in need of help explains his/her grievance to the person in-charge who reviews the situation and provides a solution. In case the university needs to be contacted, a standard fee is collected. Upon receiving the fee, the college in-charge represents the issue to the university and pursues it till it is solved. All grievances are therefore solved with utmost care to student sensitivity. Institute level grievances are solved within two-three days. The Institute is dedicated to provide students with time-bound, transparent and efficient solutions for their examination related grievances.

File Description	Documents
Any additional information	View File
Link for additional information	http://biet.ac.in/Examination Guidelines.php

2.6 - Student Performance and Learning Outcomes

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

The curriculum for each program is provided by JNTUH, Hyderabad. As the institute follows outcome based education, Course Outcomes (COs) are defined for all the courses by each department. The Program Outcomes (POs) are defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. There are twelve POs defined by NBA and the institute follows the same. Program Specific Outcomes (PSOs) are defined by individual programs. The POs, PSOs and COs are disseminated to all the stakeholders through various means. POs and PSOs are displayed on institute's website, various places of the campus like class rooms, corridors, Laboratories, Faculty rooms, etc., and printed on Student handbooks, lab manuals, course files, project reports, institute/department newsletters, etc. The following platforms are used to disseminate the POs and PSOs to the stakeholders. Induction Program / Orientation Program - Students and Parents Parent Teacher Meeting - Parents Campus Recruitment Drives - Employers

Alumni Meet - Alumni Symbolically through Newsletters, Technical Magazines, etc., The COs are published on institute's website and disseminated to students through course coordinators and lesson plan. COs are made available and communicated to teachers and students via Institute website Course File Announcements to the students during the beginning of each semester and throughout. Discussions by faculty in the departmental meetings. Faculty discussing CO's during department events. Course exit surveys. Course hand book

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://biet.ac.in/cse-objectives-outcomes.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Computation of CO Direct Attainment: Attainment of CO in a course = 20% of INTERNAL EXAM Attainment Level + 80% of EXTERNAL EXAM Attainment Level

Computation of CO In-Direct Attainment: Attainment of CO in a course = $((\text{Level1} \times \text{No. of Students Attempted}) + (\text{Level2} \times \text{No. of Students Attempted}) + (\text{Level3} \times \text{No. of Students Attempted})) / \text{Total No. of Students COs}$

INDIRECT ASSESSMENT TOOLS End of Semester Course Evaluation Form: During the survey, students provide their responses on a given scale to the questions which are the COs of the respective courses.

OVERALL CO ATTAINMENT Computation of Attainment of COs = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Evaluations of attainment of POs and PSOs based on 80% of direct assessment + 20% of indirect assessment combined to arrive at the Final Evaluation.

PO and PSO INDIRECT ASSESSMENT TOOLS Exit Survey: At the end of 4 years after graduation, a questionnaire is given to graduates to obtain feedback on Program Outcomes/ Program Specific Outcomes.

Alumni Survey: After completion of graduation, a questionnaire is given to graduates to obtain feedback on Program Outcomes/ Program Specific Outcomes.

Final PO Attainment: The final attainment of each PO of a program is computed by summing up Direct-PO attainment and Indirect-PO attainment values in the proportion of 80:20. If the achievement level of a PO reached/completed the PO target then that PO is attained, else PO is considered not attained. The procedure for PSOs is similar to POs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://biet.ac.in/pdfs/NAAC/2.6.2.%20CO-%20PO-PSO%20ATTAINMENTS_2021-2022.pdf

2.6.3 - Pass percentage of Students during the year

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

496

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://biet.ac.in/pdfs/NAAC/Annual%20report%20of%20examinations%202021-22.pdf

2.7 - Student Satisfaction Survey

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

<https://biet.ac.in/pdfs/2.7.1.%20STUDENTS%20SATISFACTION%20SURVEY%202021-2022%20REPORT.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

14.63

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

2

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.oppo.com/in/ https://www.serbonline.in/SERB/HomePage https://www.aicte-india.org/

3.2 - Innovation Ecosystem

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

a) **Entrepreneurship Development Cell:** It is an individual cell which functions under the supervision of EDC committee. EDC organizes the work plan of the Entrepreneurship promotion activities. The E-Cell conducts events such as Hackathons, Biz plan, Equiz on business, etc and organizes workshops and guest lectures.

b) **Innovation Cell and Pre Incubation Center:** The goal is to promote and support technology based entrepreneurship spirit among the students that benefit society. Pre Incubation Center at BIET is supported by BIET that funds, mentors and nurtures ideas, startups and entrepreneurs. Virtual incubates can operate from anywhere in India. Pre Incubation Centre was established on 2015.

c) **StartupCell** :The main objective is to promote start up culture and hone the creative talent of the students at the college itself. Students could come up with various innovative and creative ideas and can utilize their talent for starting their new ventures.

d) **IPR Cell**:The cell was aimed to provide Intellectual Property Rights awareness for teachers, research scholars and students.The Cell applies for patents and organises awareness workshop from time to time. It also works under the Kapila Program by AICTE.

e) **Hackathon Club**: The Hackathon Club is established in 2018 in BIET. The goal of a Hackathon club is to create functioning software or hardware by the end of the event. Hackathons tend to have a specific focus, which can include the programming language used, the operating system , an application, an API, or the subject and the demographic group of the programmers.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/iic.php

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

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

20

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

3.3 - Research Publications and Awards

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

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

2

File Description	Documents
URL to the research page on HEI website	http://biet.ac.in/research-consultancy.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

42

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

24

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

Institute NSS Unit and UBA organizes every year the orientation program for the first years to inculcate the importance of community service to sensitize and motivate them to enroll for the said programs. The extension activities by the above programs to inculcate volunteers towards social issues and holistic development in the neighborhood community in terms of impact and sensitizing students. Various student chapters under various professional bodies were formed for the students at departmental levels. Students actively participate and organize various events through these chapters as per the departmental needs and requirements for overall development of students. Unnat Bharat Abhiyan (UBA): The institute Empanelled in Unnat Bharat Abhiyan (UBA), Centre for Rural Development and Technology to build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India. Following list of activities were organized in the neighborhood community under each support system:

International Yoga Day

Inauguration Program of Rashtriya Swachhta Kendra

A Webinar on Impact of the Covid 19 on the Global Economy

Haritha Haram Programme

BIET NSS Cell - National Level Online Quiz On Covid 19

Covid 19 Awareness Online Quiz

Food distribution at temple service

Swaach Bharat

General awareness program on education, dustbins, school dropouts, sanitation

2K-Run Cancer Awareness Rally

Food and cloth distribution at orphanage

Plantation Drive

File Description	Documents
Paste link for additional information	http://biet.ac.in/ext-activities.php
Upload any additional information	View File

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

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

4

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

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

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

14

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

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

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

2455

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

3.5 - Collaboration

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

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

71

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

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

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

20

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute, since its inception in 2001, has never compromised with infrastructural facilities be it physical buildings, machinery, equipment, software, books and other learning resources. Thus, it has built up an impressive and state-of-art infrastructure with modern facilities and learning resources as per the prescribed norms of statutory bodies like UGC, AICTE and JNTU-H. The available facilities are almost double than the requirement prescribed by the AICTE and JNTUH. The total land area available is 98% more than the prescribed. The administrative carpet area is more than the required area. The instructional (classrooms, tutorial room, laboratories, library and reading room, seminar halls, auditoriums, workshops, drawing halls, computer centers, etc.,) carpet area is more than the specified area. In summary the overall built up area is more than the required. All laboratories are fully equipped with latest state-of-the-art technology and equipment. The computing facility consists of licensed software (system software and applications software) and also a good number of open source software are also being used by the faculty as and when the curricular requirements. A health computing ratio of 1:2 computers to student against the prescribed ratio of 1:6 is being maintained. The Library with an area of 1230 SQM with a seating capacity of 400. The digital library is equipped with 30 PCs which are connected with Wi-Fi and LAN for fast and seamless access of the Internet for streaming NPTEL lectures and using e-Resources for the benefit of its users.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/infrastructure.php

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

The institute focuses on overall development of the students through participation in co-curricular and extra-curricular activities. Outdoor, indoor sports and games contribute significantly in grooming students. Students are encouraged to participate in different sports/Games and cultural activities.

Yoga classes are being conducted for promoting health in the staff and students. Cultural activities are conducted in the seminar halls, Auditorium and open air theatre of the institution. Sports and Games Institute has employed a well-qualified and experienced physical directors, who train the students in their chosen games in the time-slot allocated to them. The institute has a spacious and well equipped indoor-sports room and sufficient area is allocated to outdoor sports and games with adequate facilities. Institution encourages students to participate in intra-college, inter-college, university-level, district level, state-level competitions and national level competitions. Cultural Activities All the seminar halls and auditorium are provided with adequate facilities to conduct various cultural activities on different occasions like fresher's day, Annual day and on such other important occasions. To bring out and to encourage inherent talents of the students, various clubs are introduced. Students join in these clubs depending on their interest. Students are encouraged to actively participate and showcase their talent and skills. These activities contribute to bring out latent talent among students, which help to build their overall personality by developing communication skills, leadership qualities and to be a constructive part of a team.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/cluba-activities.php

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**72**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/ict-facilities.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****259.19**

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

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Two libraries spanning over an area of 1230 sq. mtr. equipped with Library Management System services; ILMS Software Package is an Integrated Library management System (ILMS) with Barcode Scanner that supports all in- house operations of the library. Name of the ILMS Software: Koha (open source) Nature of Automation: Fully Automated Version: 20.11.04.000 Library has the collection of 65758 volumes and 16730 titles. Central subscribes two online databases like DELNET and INFOTRAC. Each database consists of 3000 plus e-journals and e books.

The Library offers computerized Catalogue Search Services for user community through the On-line Public Access Catalogue (OPAC) (<http://192.168.96.200:8080>) which allows access of bibliographic details of the books available in the Library. Around 9100 Video lectures (NPTEL) are available for ready access from the digital library on IP 172.16.16.30/NPTEL in the LAN. The library subscribes full-text e-resources providing access to e-journals and e-books, etc. and access to the e-resources are based on the authenticated IP address (<http://172.16.19.189/>). Digital Library is equipped with 30 Desktops with Wi-Fi and LAN enabled with 300 Mbps for fast and seamless access the Internet and e-Resources for the benefit of their academic and research. Holdings of the Library as on date are: Books : 65758 Titles : 16,730 Print Journals : 172 e-Books (DELNET): More than 6000 Video Lectures: Around 9100 Video lectures (NPTEL) Facilities / Services available at BIET Library: Open Access System : Yes Reprographic Facility : Yes

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://biet.ac.in/library.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

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

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

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

5.53

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

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

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

270

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

4.3 - IT Infrastructure

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

The IT infrastructure of the institute is maintained by trained and experience professionals. The Computer laboratories are being upgraded from time to time to provide the best computational infrastructure to the students. The Infrastructure consists of backbone Fiber optic cable network of 2 kms connecting all the building blocks of the college; Wired and Wi-Fi equipment of 100+ Hub racks, 200+ network switches, 70+ access points etc; 17 Servers hosting different applications which provide computational environment; Internet Facility of 300 Mbps from Pioneer ELabs Limited, 700 Mbps from Tata Tele services and 500 Mbps from cybernetlinks.; 9 System softwares and 22 Application softwares; 100+ Air conditioners to maintain 1315 plus computers in various laboratories, research centers and administrative offices. The ICT equipment of 90+ multimedia projectors, 6 Public Address Systems; 10 Biometric Finger-Print, Face Recognition, Aadhaar Enabled Attendance System and Access card equipment; and 120+ CC Cameras surveillance equipment for campus safety and management. Updating the Internet facility and services from time to time to cater to the academic and research

- 300 Mbps speed internet from pioneer e labs limited, 700 mbps from TATA TELE services limited and 500 MBPS from Cybernet links

h needs in the Campus. A.Y 2018-19: 405 computers were purchased with 4GB RAM, 1TB HDD from Dell and HP A.Y. 2018-19: 16 new servers systems from DELL POWER EDGE T30 were purchased with 16GB RAM, 1TB HDD, Intel Xeon E3-1225v5. A.Y 2017-18: 170 computers were purchased with 4GB RAM, 1TB HDD from Dell for upgradation of labs. Internet connectivity to all computers 300 Mbps from PIONEER ELABS LIMITED

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/computing-conference-facilities.php

4.3.2 - Number of Computers

1315

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

229.48

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

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

There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. Certain laboratories and workshops are required to be shared and utilized as common facilities. Classrooms, laboratories & auditorium: The facilities department takes rounds of all the class rooms and auditorium every day. In case of requirement for maintenance such as lights, fans, benches etc will be attended by maintenance staff. Laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester. Routine computer maintenance, software installations, networking are handled by the CSE Department. Computer, LCD projectors and CC cameras maintenance and checking activity carried out by team of system engineer, hardware engineers and technicians. The librarian is the in charge for handling all the maintenance works required in the library through maintenance staff. He takes care of utilization of books, computers and other learning materials in the library. The physical director takes responsibility for all repairs pertaining to sports equipment and courts. He has to maintain courts properly on daily basis with the help of the maintenance staff. Electricians are available round the clock to address power breakdown. Facilities Department monitors the services of electricians. They perform regular checks in classrooms and in the campus to ensure that all electrical fittings are in excellent condition. Maintenance of buildings and related areas are undertaken by the Facilities Department. Maintenance staff consists of Qualified Electricians, Carpenters, Plumbers and other service personnel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/infrastructure.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

1619

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

239

File Description	Documents
Upload any additional information	View File
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

B. 3 of the above

File Description	Documents
Link to Institutional website	http://biet.ac.in/Capacity%20building%20and%20skills%20enhancement.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1878

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

1878

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

347

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

15

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year****31**

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

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.****1**

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

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

The Institute creates a platform for the active participation of the students in the various academic and administrative bodies

including other activities. This empowers the students in gaining leadership qualities. Student Councils are actively participating and organizing various activities related to academics, co- curricular and Extra-curricular activities, with the guidance of faculty. Students are encouraged to participate in co-curricular and extra-curricular activities in inter-college, inter-university and in National level competitions. Institute has constituted various other committees to involve in different academic and administrative activities in campus apart from the Student Council. The various student council and representative committees in BIET are: Students' representation and engagement in Class Representative Committee (CRs) as Elected CR and Selected CR Professional Societies student chapters (Indian Society for Technical Education (ISTE), Institution of Engineers (IE), Institution of Electronics and Telecommunication Engineers (IETE), Association for Computing Machinery (ACM), Computer Society of India (CSI) etc. student chapters as Student Member for co-curricular activities

Students' representation in NCC committee as volunteers
 Students' representation in Club Activities as Student In-Charge Facilitator and Student Assistant In-Charge Facilitator for co-curricular and extracurricular activities
 Students' representation in Alumni Activity committee as members
 Students' representation in Anti Ragging committee as representatives of students belonging to the freshers' category as well as senior students
 Students' representation in IQAC as Student representative member
 Students' representation in Department Advisory Council (DAC) as Student representative member
 Students' representation in Mini and Major Project Work as Team Leader

File Description	Documents
Paste link for additional information	http://biet.ac.in/professional-societies.php
Upload any additional information	View File

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

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

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

5.4 - Alumni Engagement

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

The Institute has Alumni Activity committee. The main objectives of Alumni Activity committee are: To promote and foster mutually beneficial interaction between Alumni and the Institute. To encourage the formation of regional chapters to increase participation of Alumni. To encourage the Alumni to take abiding interest in the process and development of Institute. To arrange and support in placement activities for the students of Institute. To encourage the students of the Institute and members of the Association for research & development work in various fields like engineering, computer Industrialization etc. To mentor the students of the Institute for higher education, development of character and being Good citizens. To provide scholarships to deserving students and ex-students of the Institute for the purpose of education and sports. To encourage and guide the students of the Institute on self-employment to become entrepreneurs. To guide students of the Institute on various professional avenues available and support them through various activities such as expert advice, seminars, visit etc. Promote the Industry-Institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability. To help and assist other regional bodies for training programs in entrepreneurship development, with resources available with association. To encourage and support students of the Institute in sports, cultural and extra-curricular activities. To promote computer and internet literacy among the society. To provide medical support to existing and retired teaching and non-teaching staff. To organize debates on various social issues.

File Description	Documents
Paste link for additional information	http://biet.ac.in/distinguished-alumini.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

To impart high quality education, in a conducive ambience, as comprehensive as possible, with the support of all the modern technologies and make the students acquire the ability and passion to work wisely, creatively and effectively for the betterment of our society. The Quality Policies are framed based on the Vision and Mission and are driven by the needs of the industry, society and stakeholders. The governance comprising of Governing Body (GB), Department Advisory Council (DAC) and Internal Quality Assurance Cell (IQAC) play significant role towards positioning the Institute in the preferred list of all stake holders. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by HODs, Administrative Head, Section in-charges and coordinators of various cells/committees in decision making process. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities. Institute has a perspective plan developed by Principal and HOD's with suggestions of IQAC, DAC under the guidance of GB. Student's surveys and feedback from all the stakeholders plays vital role in framing and revising policies.

Institution policy believes involvement of all staff in decision making. Various committees at Institute level are formed which look after academic and administrative activities which lead to

realization of vision and mission of the Institute.

File Description	Documents
Paste link for additional information	http://biet.ac.in/vision-and-mission.php
Upload any additional information	View File

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

Institution practices decentralization and participative management. Decentralization and operational transparency are the features of the institute. The institute having been a support for participative management achieved it involving faculty and students. The Governing Body considering the same as a quality promotional policy for the improvement of the institution has accorded to its approval. The Principal is the Head of the institution and is empowered with sufficient authority and power delegated from the management for smooth functioning of day-to-day activities. Day-to-day academic activities of the departments are taken care by the HODs. The Principal, as a representative of the institute, leads its faculty members and HODs in all academic matters. He encourages and cooperates the HODs and faculty members in ensuring a proper academic environment in the institute. The plans and the policies for fulfillment of the mission of the institute are executed by the active involvement of the college authorities, along with all the faculty members. For this purpose, different committees have been constituted in the institute, who has been entrusted with the responsibility of implementing the programmes and policies. Such decentralized and participative management leads to a situation of harmony and congenial atmosphere in the institute. Senior members of different faculties head the respective committees. Principal and HODs always welcomes the suggestion and proposals of the faulty-members and committees and transforms them to applicative practices in the institute. The In-Charges of different committees of student-supporting activities as well as co-curricular activities have operational autonomy.

File Description	Documents
Paste link for additional information	http://biet.ac.in/management.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective/strategic plan is made by institution to fulfill requirements of industry and society by providing quality education. Successfully Implemented: 1. IQAC According to the strategic plan which is in line with vision of our institution, IQAC was established in the year 2014-15. IQAC has made constant efforts to shift from the traditional teacher-centric approach to a student-centric approach. Some of the initiatives taken are: Periodical review of teaching learning process. Monitoring student academic progress. Adapting to student centric, ICT enabled and interactive teaching learning methods. Introduction of MOOC/NPTEL/SWAYAM

Scope for Self-learning Prominent academicians from reputed institutions were invited for guest lecturers on advanced topics. Organizing expert sessions on various teaching-learning and pedagogic methods. Organizing faculty enrichment programmes. Internal Quality Assurance Cell (IQAC), BIET conducts Academic Administrative Audit (AAA) at regular intervals. Based on AAA report, suggestions are given to concern for improvement based of the discrepancies found during audit 2. R&D Research and Development was institutionalized and many research papers were published. Some of the initiatives taken are: Recruitment of Faculty with Research abilities Equipped laboratories with research suitable equipment / software Technical services such as sophisticated equipment and software 3. Training and Placements Some of the initiatives taken are: Technical domain training by TASK through placements department In-house summer training was started from 2017-18 onwards Student internships through AICTE Internshala and Placements department Online assessment by COCUBES through placements department Organized special awareness and training for entrepreneurs

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://biet.ac.in/strategic.php
Upload any additional information	View File

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

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage. The Institution has constituted various committees at institute and department level for the effective functioning of the organization. The objectives and functions of the committees are organized as per the guidelines of the head of the institution. Institute Level Committees: Institutions Industry collaboration committee R&D and Professional Societies Committee NIRF Committee NBA Committee NAAC Committee Autonomous Committee Admin Committee Academic Committee Library Committee IQAC for Academic Audit IQAC for student regularity, Mentoring, Parent interaction, labs & Infrastructure Monitoring Event Management Repair and Maintenance Committee Infrastructure Procurement Committee Training for Placement Committee Placement Cell Committee GATE& Higher Education Committee Alumni Activity Committee Entrepreneurship Development Cell (EDC) Committee Website Committee Examination Cell Committee Vivekananda Centre for Human Excellency Committee ICT/e-learning, NPTEL, MOOCS Committee Internship Committee Students Projects Cell Coordinators Committee Hackathon Committee Remedial and Bridge Class Committee Discipline Committee Anti Ragging Committee

Women grievance Cell (only female faculty) Committee Student Grievance cell Committee Admission Committee NSS Committee NCC Committee Environmental and Nature Protection Committee Renewable Energy Committee Scrap Committee Swachh Bharat for Clean Campus Waste Management (a. E- Waste, b. Solid Waste, c. Liquid Waste) Transport Committee Automation & Smart Campus Committee Electrical Maintenance & Disaster Management Committee

File Description	Documents
Paste link for additional information	http://biet.ac.in/committee.php
Link to Organogram of the institution webpage	http://biet.ac.in/management.php
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare measures for Teaching Staff: As per the norms of AICTE, Pay commission recommendations are implemented Extending EPF Scheme (as per PF Rules) Extending ESI facility (as per Govt. Norms) Group insurance is provided to all the staff members. Free Transportation to all faculty members Additional Increments for Teaching Staff blessed with baby girl 10 days leaves will be sanctioned with full pay to the teaching staff for attending FDP/Workshops/Conferences / who have registered for / pursuing to attend the Ph.D work 7 days Special Leaves with pay for newly married staff. 3 months Maternity Leave Reward the best and the second best technical papers having impact factor more than 1.0 from each of the departments with monetary reward of Rs.5000/- and Rs.3000/- respectively. Sanction 2nd class TA and DA for out station conferences and symposiums, in deserved cases. Allow faculty to attend conferences, symposiums and workshops acquire knowledge on advanced topics at least once in a semester, by

sanctioning OD.

Provide incentive of Rs.10000/- to authors who published standard text books. Faculty members have to register for professional societies like ISTE, IETE, IEEE, CSI etc. by paying registration fee. However Institutional fee will paid by the Institute for starting local chapters. Welfare measures for Non-Teaching Staff: Service, Conduct and Leave Rules are made available in the institute website Uniform is provided for supporting staff. Maternity, Medical leaves / vacation is sanctioned for the required staff.

File Description	Documents
Paste link for additional information	http://biet.ac.in/pdfs/6.3.2-POLICY%20DOCUMENT.pdf
Upload any additional information	View File

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

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

17

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

20

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

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

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

7

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

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

Institute has well designed performance appraisal system. It is implemented with the help of Performance Appraisal Reports (PAR). Performance is self assessed and duly filled in PAR by

Staff at the end of every semester are evaluated by respective HODs and Principal. Key points for Faculty Appraisal - ACADEMIC:

1. Teacher's Diary Updation: Academic
2. Students Academic Results
3. R & D Activities
4. Identifying training needs in core subjects which you are teaching
5. Project Guidance by Faculty
6. Helping students in Industry Internship / Summer Training / Industrial visits
7. Helping students in encouraging entrepreneurship and incubation in core areas
8. Encouraging students in publications and awards in inter-institute events
9. Individual Faculty Academic Responsibilities
10. Effective mentoring of students
11. Workshops to be organized
12. Placements related efforts
13. Improvements in Teaching-Learning Process and Pedagogical Innovations
14. More publications
15. Exposure on Magazines, Journals, Articles to be increased
16. Class In-charge responsibilities
17. Lab In-charge responsibilities

Key points for Faculty Appraisal - ADMIN:

1. Teacher's Diary Updation: Admin
2. Personal Attributes
3. Maintaining discipline in the class room and dress code
4. Student mentoring
5. Class In-charge responsibilities (applicable to only class Incharges)
6. Lab In-charge responsibilities (applicable to only lab Incharges)
7. Department and college level committee members responsibilities
8. College Level Club Incharges and Members responsibilities
9. Department Placement Incharge/ Coordinator responsibilities

Non-Teaching staff: Maintenance of Files
Maintenance of Registers Assets/Stock Maintenance Personal Attributes & Qualities Leadership/Inchargeship Attributes

On the basis of above details, a committee under the chairmanship of the Principal will evaluate the appraisals of the staff and submits its recommendations to HR for final decisions.

File Description	Documents
Paste link for additional information	http://biet.ac.in/servicerules.php
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Our society has maintained a very transparent financial system in the institutions. There are well defined processes for sanction of budget to expenditure. An internal approval system

for all expenses is in place. Accordingly bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of BIET society. All the bills/vouchers are audited by an Internal Auditor on a routine basis. Proper record of all the expenses is maintained by the accounts department.

An external auditor appointed by the society, executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the principal, and chartered accountant. Then audited report is submitted by chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are complied as per procedure.

File Description	Documents
Paste link for additional information	http://biet.ac.in/management.php
Upload any additional information	View File

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

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

0

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

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

The institute has a well-defined financial policy which ensures effective and optimal utilization of finances for academic, administrative and developmental activities. We have a dedicated strong financial team in place, which will organize optimum effective utilization of funds. Financial Planning is prepared well in advance with efficient Budgeting involving the various Academic Departments and Administrative Sections of the Institute. While preparing the budget we will consider the Head of the department requirements which include co-curricular and extracurricular activities in the annual budget. After reviewing of the budget by Principal, the final consolidated budget is forwarded to the Management for approval. The institute is being run with self sufficient funds by generating the cash inflow from tuition fee from students and other miscellaneous incomes. In case of shortage of funds during the expansion or renovation of buildings, the management always supports by providing required finance and ensures the amount is paid back in certain period based on mutual understanding. We have different purchase committees in place which ensures that the funds are monitored and utilized in an effective manner. The management will review the financial activities through scrutiny of budgets Versus actual in every quarter which will ensure whether the finance utilization is going in correct direction or else management recommends for alternate strategies. We have different institute level committees for mobilisation of funds and the optimal utilisation of resources: Admin Committee Academic Committee Repair and Maintenance Committee Infrastructure Procurement Committee Scrap Committee Transport Committee Electrical Maintenance & Disaster Management Committee

File Description	Documents
Paste link for additional information	http://biet.ac.in/management.php
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC has contributed in the following two areas:

I. IQAC for Academic Audit Verification Components:

- 1.FORM-1: WLTT- Workload Approval, Allocation and Time Tables Submission Status Report
- 2.FORM-2: LPCF - Lesson Plan, Course File & Lab Execution Plan

Submission Status Report 3.FORM-3: SCRB - Syllabus Completion, Remedial & Bridge Classes Conduction Status Report 4.Daily Class Work Report

5.Student Lab Attendance Cum Lab Log Register 6.Internal Examinations Marks 7.Student Mentoring / Counseling Register 8.Student Hand Book preparation 9.Teacher's Diary - Academic (Faculty) 10.Faculty Feedback and Action Taken II. IQAC for Student regularity, Mentoring, Parent interaction, labs & Infrastructure Monitoring Verification Components: 1.FORM-4: AMLP - Attendance, Mentoring and Lab Performance Status Report 2.FORM-5: CARC - Conduction & Attendance Remedial Classes Status Report 3.Students Attendance Cum Academic Record 4.Student Mentoring / Counseling Register 5.Parent Communication Register (PCR) 6.Teacher's Diary - Admin (Faculty)

Two examples of best practices as a result of IQAC initiatives:

1. MENTORING ACTIVITIES Mentoring student is a unique feature of BIET. It is a process of creating a supporting relationship with faculty, parents and students aiming at comprehensive development of students. Mentoring helps to shape an individual's beliefs and values in a positive way.

2. TEACHING- LEARNING AND PEDAGOGIC INITIATIVES IQAC has made a continuous effort to shift from the traditional teacher-centric approach to a student-centric approach. It enabled the institute to use learning approach that integrates student-centered, traditional in-class learning with other flexible learning methodologies using media, web-based learning and e-resources with increased access to content and flexibility.

File Description	Documents
Paste link for additional information	http://biet.ac.in/iqac-activities.php
Upload any additional information	View File

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

Continuous development is attempted through IQAC at periodic intervals. Two examples of institutional reviews and implementation of teaching learning reforms are outlined below: 1.Continuous Assessment System 2.Student Feedback on Teaching

and Learning Process

1. CONTINUOUS ASSESSMENT SYSTEM To assess and keep handy records of student's performance, the methodology of maintaining continuous assessments sheets (CAS) in the form of Teacher's Diary-Academic was developed and implemented. The strategies developed and policies framed time to time were laid down on Teacher's Diary-Academic which was distributed among all faculties in the beginning of each Academic year. It provides the excellent way of disseminating all policies framed for students and staffs performance monitoring. All teaching and learning activities were recorded, assessed and reviewed by checking records of these Teacher's Diary-Academic continuously.

2. STUDENT FEEDBACK ON TEACHING AND LEARNING PROCESS (TLP)
Student feedback on faculty performance is done through comprehensive performance systems and the feedback is communicated to all concerned. Based on the feedback the institution updates academic programmes and value added programmes most relevant to the current requirements. Student feedback on TLP has been collecting just before the end-semesters and suggestion/appreciation letters will be issued to the faculty regarding feedback. This feedback has five metrics Planning and Organization Presentation / Communication Student Participation Class Management / Assessment of the Students Overall Rating Student feedback has been collecting from students' at beginning of the semester. Feedback analysis has been preparing based on the data and suggested accordingly.

File Description	Documents
Paste link for additional information	http://biet.ac.in/igac-activities.php
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://biet.ac.in/pdfs/NAAC/6.5.3%20annual%20report_2021-22.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

he course on "Gender Sensitization (An Activity-based Course)" was introduced by the affiliating university JNTUH as a compulsory foundation course with two credits in II year II semester in B.Tech for all branches of Engineering and Technology from the academic year 2015-16 (with existing R18 regulations. It should be treated as a Lab Subject (Student Centered). Further continuing with "Gender Sensitization Lab" from 2016-17 onwards. Learning Outcomes of the Course: Students will have developed a better understanding of important issues related to gender in contemporary India. Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion of materials derived from research, facts, everyday life, literature and film. Men and women students and professionals will be better equipped to work and live together as equals. Gender equity & sensitization in co-curricular activities: The following Gender equity promotion programs organized by the institution during the last year: Sports and Games competitions for girls Various club activities like Cultural programs, Dandiya & Bathukamma, Fresher's day, International Women's Day, Painting competition, Pongal Celebrations, Plantation, yoga etc. Facilities for women on campus: The following Specific facilities provided for women 1. Safety and security: 2. Counselling: 3. Common Rooms: 4. Day care center for young children:

File Description	Documents
Annual gender sensitization action plan	https://biet.ac.in/pdfs//NAAC/gs%20action%20plans_21-22%20.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://biet.ac.in/facilities-women.php

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures **A. 4 or All of the above**
Solar energy
Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Inspired by Swachh Bharath, a flagship initiative of Government of India, the college took several initiatives to properly dispose waste and maintain eco-friendly environment in and around the campus. Appropriate labeling is used on all kinds of bins to help users discard various type of waste avoiding manual segregation. Solid waste management: Institute practices the segregation of Solid Waste and its effective management in the campus. The collected waste is segregated at the source of the generation. The waste bins are placed separately for dry and wet waste at every corner of the corridor, wash rooms and common room. The dry & wet waste is collected and dumped in the biogas plant of BIET to convert waste to Energy. Liquid waste management: Liquid waste from the wash rooms is conveyed to the Municipal drain and waste water from laboratories is disposed off into closed collecting tank after neutralizing the chemicals etc. Liquid waste from the canteen & the wash rooms is collected into pools, recycled using four beds filtration method will

further be used for watering the gardens. Biomedical waste management: The institute is not involved in any clinical experiments directly hence no biomedical waste is generated.

E-waste management: The condemned batteries and damaged computers are disposed through outside agencies. Obsolete computers and other electronic gadgets are sold to recyclers. E-waste generated is given to the authorized dealers who purchase the scrap and reuse the useful components. The low configured computers are donated to nearest schools.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following **A. Any 4 or all of the above**
1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

The institute adorns a festive look to celebrate Pongal, the state festival of Telangana. Many competitions such as 'Rangoli' and 'kite festival' display the enthusiasm and teamwork of the faculty. Themes based on the role of agriculture are chosen for Rangoli competition. Many departments such as physical education and human resources department work in collaboration for the benefit of the institution and conduct various competitions for the faculties and students in the campus. The institute takes extra efforts in providing an inclusive environment for all the students and employees. Tolerance and Harmony to cultural, regional, linguistic, communal socioeconomic and other diversities is best achieved by the major events like Holy, Dussehra, TechFest and Cultural Fest at Institute levels. Students have formed various clubs at the campus levels which also support and propagate the idea of diverse cultures. TechFest and Cultural Fest are annual events where the Institute invites popular music singers with their teams to enthrall the students with rich cultural songs. Regional events are also celebrated at the institute especially Pongal celebrations, Bathukamma Festival, Dandiya Festival etc. Now the students have themselves started enacting the whole story behind the colourful festival of Holi. The colourful Holi is celebrated with Flowers on the campus. International Yoga day is being celebrated every year. International commemorative days like world music day, international artist day, world poet day are conducted and marked by appropriate competitions. The students cultural programme has always themed of communal and inter-religious harmony.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The course on "CONSTITUTION OF INDIA (Audit Course)" was introduced by the affiliating university JNTUH as a compulsory foundation course in I year in M.Tech for all branches of Engineering and Technology from the academic year 2019-20 and II year in B.Tech for all branches of Engineering and Technology from the academic year 2018-19. It should be treated as a Lab Subject (Student Centered). Course Outcomes: Students will be able to: Discuss the growth of the demand for civil rights in India for the bulk of Indians before the arrival of Gandhi in Indian politics. Discuss the intellectual origins of the framework of argument that informed the conceptualization of social reforms leading to revolution in India. Discuss the circumstances surrounding the foundation of the Congress Socialist Party [CSP] under the leadership of Jawaharlal Nehru and the eventual failure of the proposal of direct elections through adult suffrage in the Indian Constitution. Discuss the passage of the Hindu Code Bill of 1956. The Institute takes pride in the fact that apart from preparing a sound academic foundation of the student community; the Institute constantly works upon to develop them as better citizens of the country. Various faculties have always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the "Unity in Diversity" of our motherland.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://biet.ac.in/pdfs/HumanValues&_ProfessionalEthics.pdf
Any other relevant information	http://biet.ac.in/pdfs/CI_jntuh_syllabus.pdf

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

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Institution organizes every year various national and international commemorative days, events and festivals: National Youth Day- The birthday of Swami Vivekananda-12 January Republic day- 26th January Science Day- 28th February International Women's Day -8th March International Day of Yoga - 21st June Independence Day- 15th August Teachers Day - Sir Sarvepally Radhakrishnan's Birth Anniversary- 5th September Engineers 'Day- Sir Mokshagundam Visvesvaraya Birth Anniversary- 15th September World Students' Day- APJ Abul Kalam Birth Anniversary- 15th October Bathukamma Festival-October during Dussehra recess National Education Day- Sri Maulana Abul Kalam Azad Birth Anniversary -11th November National Mathematics Day - Sri Srinivasa Ramanujan Birth Anniversary -22nd December

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

BEST PRACTICE - I 1. Title of the Practice: College Student to Corporate Professional 2. Objectives of the Practice The session include: - Attitude, Verbal and Nonverbal Skills - Effective Communication Skills - Group Discussion and Team Building Skills - Technical Skills - Practical Skills - Project Skills - Etiquette and Interview Skills 3. The Context The institute believes that a motivated workforce (Staff and Students) can be a significant factor in institute's success. When staff and students are motivated to work at higher levels of their skills and abilities, the institute as a whole runs more efficiently and is more effective at achieving its objectives and goals. 4. The Practice - Aptitude, Verbal and Nonverbal Skills On line aptitude test through CoCubes of final year students is conducted at starting of 3rd year 2nd semester. After assessment diagnosis is prepared for various sections like: logical reasoning, mathematics and linguistics. - Effective Communication Skills - Group Discussion and Team Building Skills - Technical Skills - Practical Skills - Project Skills - Etiquette and Interview Skills

BEST PRACTICE - II MENTORING SYSTEM FOR STUDENTS To minimize dropouts, improve performance and reduce stress of the students through personal counselling. One solution therefore is a 'Mentor' who can form the bond with students in the true sense. Mentoring is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall progress.

File Description	Documents
Best practices in the Institutional website	http://biet.ac.in/pdfs/7.2.1.pdf
Any other relevant information	http://biet.ac.in/pdfs/MentorBook.pdf

7.3 - Institutional Distinctiveness

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

Holistic professional development through BIET Clubs The main objectives of holistic education are learning about oneself, developing healthy relationships and positive social behaviors, social and emotional development, resilience, and the ability to view beauty, experience transcendence, and truth. Holistic education notes that students need to not only develop academically but develop the ability to survive in the modern world. They need to be able to rise and face the challenges presented to them in the future and contribute to the world in which they live. Students need to learn to first value themselves, their worth, and recognize their abilities and how to be able to do what they want in life.

With this perspective of sensitizing them to the needs of the society, we have established 25 clubs into five categories including technical, non-technical and social clubs during the first year to final year of every UG programme offered in the institute. The technical clubs are liable for forming Self Interest Groups later in the departments and the non-technical clubs both cultural and social, help in grooming the students as socially responsible citizens. Clubs offer a fun means of developing and honing leadership skills and the ability to work collaboratively. Club activities to engage in a rich variety of opportunities to distinguish one-self while enjoying the communion of fellow students who share the same passion and interests. These clubs function on every working day in the afternoon sessions at 3:10 pm.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum prescribed by the affiliated university is observed strictly. Apart from this prescribed curriculum, the Institute has designed ways and means to reinforce the teaching-learning process. The curricular planning and implementation is performed in a systematic way.

Preparation of Academic Calendar: At the beginning of each academic year, each department prepares academic calendar incorporating curricular, co-curricular and extra-curricular events in alignment with the institute academic calendar.

Library books Upgradation: The library is informed of required text books, reference books and e- journals for the forthcoming academic year.

Course Allocation: Courses are allocated to the faculty members based on their preferences by the department academic incharge and approved by the department coordinator.

Timetable Preparation: Class-wise time tables also includes time slots for NPTEL/Training, Seminars, counseling sessions, club activities, library and sports. Time tables for lab-wise are prepared incorporating individual lab courses. Individual time tables are prepared for each faculty member reflecting the work load. All these time tables are prepared by Time Table Committee.

Reviews: Periodical review on the coverage of syllabus and regularity of the students is performed by the Academic Incharge followed by IQAC-Academic Audit. The class incharge reviews the coverage of syllabus through Daily Class Work Register (DCWR) and suggestions are invited for the improvement of teaching-learning process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://biet.ac.in/regulations-and-syllabus.php

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

In the beginning of the academic year, academic calendar is published by the University for Respective Course. The institution ensures effective time management and strictly follows timeliness given by the affiliating university. The Institute carries out effective planning to stick to academic calendar. This allows the teachers and the students to space out their teaching and learning and regular assessment of the same.

Every academic year consists of two semesters. Each semester is to be of 16 weeks. The first Continuous Internal Examination (CIE- I) also known as MID-I along with the Lab Internal-1 is conducted after 8 weeks of class work. CIE- II (MID- II) and Lab Internal- II are conducted after 16 weeks of class work. Within the above mentioned 8 weeks of class work, the concerned syllabus is taught to the students. They are then tested on the same material. The Institute conducts assessment to the students in three different components - theory, objective and assignments. The descriptive component is marked out of 10. The objective component is marked out of 10. The assignment is marked out of 5. These tests are conducted in evenly spaced out intervals to avoid pressuring the students with too many examinations. The Continuous Internal Evaluation is also performed as per the timelines given by the affiliating university without any deviation.

All question papers are set based on the OBE format. They are mapped with their respective course outcomes that are stated in the beginning of the course.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://biet.ac.in/academic-calendar.php

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

D. Any 1 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

17

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

5

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

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

269

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

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

The curriculum offered by the university addresses the cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics. The institute believes in maintaining healthy environment for all of its stakeholders.

Gender Sensitization / Gender Sensitization Lab: JNTUH introduced a course "Gender Sensitization" to create awareness among students about sensibility with regard to issues of gender in contemporary India. The course also provides critical perspective on the socialization of men and women. Sessions on gender help students attain a finer grasp of how gender discrimination works in our society and how to counter

Apart from this the institution formed Grievances Redressal Cell to provide counseling, promote gender equity and also deal with related issues of safety and security of students and lady staff as well to dissolve discrepancies among students and staff.

Through the course "Professional Ethics" students will be able to know the importance of ethics in engineering profession. This course is comprised of class room discussions with real life situations. It also focuses on ethical concerns common to human service situations. Environmental Studies / Environmental Science and Technology: University prescribed course "Environmental Studies / Environmental Science and Technology", "Disaster Management" provides students understanding of ecological balance for sustainable development, impacts of developmental activities and mitigation measures and environmental policies regulations.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

18

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

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

633

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	http://biet.ac.in/naac-2020.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://biet.ac.in/naac-2020.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

509

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

242

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

2.2 - Catering to Student Diversity

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

Students admitted in first year through TSEAMCET and in second year through ECET. A well planned orientation program is conducted to motivate them and familiarize them with the university curriculum and the resources available at the institute. The diploma students, admitted directly into second year through lateral entry are usually lacking in communication and computation skills. First year students are administered screening test to determine their strengths and weaknesses in various parameters : Communication skills test, Quantitative skills and analytical skills, Basic knowledge in fundamental subjects, Additional counseling: on attitude, behavior, psychological etc by Mentor. MENTORING SYSTEM: The institute adopted a well defined mentoring process where each faculty mentor is assigned with a maximum of 20 students for monitoring their attendance, punctuality, discipline and academic performance as well as to guide them through their career path. Initiatives for Assisting the Slow learners: Identifying the weak students based on their academic performance based on Mock Test and Mid Exams. Bridge classes are conducted. Remedial classes are conducted in courses where failures are more in external exams. During project work, they are teamed with advanced learners for enabling the peer learning. Initiatives for motivating Advanced Learners: Arranging lecture/training on advanced topics as a certification course for Students. The students are encouraged to do online certification courses like SWAYAM-NPTEL, MOOCs, Coursera etc. They are motivated and supported to attend conferences, workshops, project expos, Hackathon and other prestigious competitions like Smart India Hackathon, AICTE Viswakarma Awards, etc., to exhibit their skills.

File Description	Documents
Paste link for additional information	http://biet.ac.in/nptel-local-chapter.php
Upload any additional information	View File

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

Number of Students	Number of Teachers
2323	313

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Various Activity-based techniques adopted by the faculty members are listed below: Lecture method and Interactive learning: The faculty use chalk and board and audio visual aids in teaching. Students are also encouraged to actually interact during the lecture hour by getting the doubts clarified on the spot. Faculty using models, charts for interactive teaching. Project-based learning: During the period of study in the III year II semester and IV year II semester, many real time projects are given to the students and they are guided by both faculty and Industry/Research personnel.

Computer-assisted learning: The students are also encouraged to develop software's for the solution of the assignments and tutorials. Many final year projects are completed through the use of software. Independent learning: The institute provides well stocked library which consists of bulk of books, journals, project reports and other teaching materials for the use of students and faculty. Faculty and students has got the access to NPTEL, DELNET, MIT, CSI, and ACM video lectures for effective teaching learning practices. E-Learning/ICT: Efforts are made to maximize the use of Modern resources and aid to improve the teaching in the class rooms.

The students are also encouraged to use computer software packages for their projects. NPTEL lectures, MIT Lectures E-Journals(DELNET) Faculty utilizes online resource course material of different International and National Universities. The departments conduct paper contest, poster presentation, and technical exhibition etc. under departmental association

File Description	Documents
Upload any additional information	View File
Link for additional information	http://biet.ac.in/cse-faculty-innovations.php

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

ICT tools can be used to find, explore, analyze, exchange and present information responsibly and without discrimination. ICT can be employed to give users quick access to ideas and experiences from a wide range of people, communities and cultures. Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities include use of ICT, instruction delivery, instructional methods, assessment, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction. Following are the best and innovative practices undertaken by the faculty members for improving teaching and learning experience: Power Point Presentations NPTEL Local Server Access NPTEL Videos Spoken Tutorial Student Seminars Group Discussion Industrial Visits Sessional and pre-university examinations Mini and Major technical projects Communication Skill Development One to one internal viva voce in labs Virtual labs Modern teaching aids like Multimedia, Projectors, and Internet enabled Computer systems are used for class room instruction as well as other student learning experiences. The students are also encouraged to use computer software packages for their projects. E-Journals(DELNET) The following ICT enabled tools are adapted for effective teaching-learning process Established NPTEL Local Chapter <http://biet.ac.in/nptel-local-chapter.php> <https://nptel.ac.in/LocalChapter/statistics/626/> NPTEL lectures, MIT Lectures Enrollment of SWAYAM-NPTEL MOOCs Courses by Students and Faculty <https://swayam.gov.in/>

Faculty own ICT Lectures-BIET ICT MOOC'S YOUTUBE CHANNEL
 (https://www.youtube.com/channel/UCwzJc-NmUbGndi4WL7RJ8_Q)
 Use of E-Resources http://biet.ac.in/e-resources.php Google
 Class Room

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

313

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

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

313

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality

/ D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

44

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

1285

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The Internal Assessment system is carried out in a systematic manner and is transparent. During the induction program, the first year students are oriented regarding the evaluation system. The changes in evaluation system, if any, are communicated to the students. A detailed academic calendar is available on the website and notice-boards of the Departments. Thus, students know about the dates of examinations well in advance and they can plan their study accordingly. Students are made aware of various parameters of Internal Evaluation system. The internal marks are based on the mid tests and Assignments for theory courses. The answer scripts of internal examinations are shown to the students

after evaluation to bring out discrepancies, if any, to the notice of teacher concerned, and the necessary corrections are carried out. In laboratory courses, day to day evaluation is done in each laboratory session and marks are posted in the students' record book. The consolidated list of marks in each midterm exam is displayed in the notice boards and same is communicated to the parents.

Project work and Seminar evaluations are done by respective committees based on the rubrics defined by considering various parameters. The rubrics are informed well in advance to students at the beginning of the semester. The performance of the students regarding the internal test marks and attendance are entered in Automation System. (ECAP). The parents are informed about the internal assessment marks through SMS and posts.

File Description	Documents
Any additional information	View File
Link for additional information	http://biet.ac.in/Examination Guidelines.php

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

The Institute conducts two types of examinations, Internal Examination and External Examination. The examinations are conducted with utmost care given to transparency and fairness. The hall tickets are issued to the students for University Examinations well in advance. Any grievance related to the hall ticket like printing of wrong name or delay in issuance is addressed by the exam cell. Post internal examinations, students are given back their evaluated answer scripts. These answer scripts are corrected by the teachers in the examination cell under the supervision of a controller / in-charge. Students are permitted to assess their own performance and seek any clarifications to the teacher. In case they are entitled to more marks, teachers do the needful. Following the review of answer scripts, the marks are entered in a register before forwarding them to the university. In the case of external examination, any grievance is addressed by the examination branch. The student in need of help explains his/her grievance to the person in-charge who reviews the situation and provides a solution. In

case the university needs to be contacted, a standard fee is collected. Upon receiving the fee, the college in-charge represents the issue to the university and pursues it till it is solved. All grievances are therefore solved with utmost care to student sensitivity. Institute level grievances are solved within two-three days. The Institute is dedicated to provide students with time-bound, transparent and efficient solutions for their examination related grievances.

File Description	Documents
Any additional information	View File
Link for additional information	http://biet.ac.in/Examination Guidelines.php

2.6 - Student Performance and Learning Outcomes

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

The curriculum for each program is provided by JNTUH, Hyderabad. As the institute follows outcome based education, Course Outcomes (COs) are defined for all the courses by each department. The Program Outcomes (POs) are defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. There are twelve POs defined by NBA and the institute follows the same. Program Specific Outcomes (PSOs) are defined by individual programs. The POs, PSOs and COs are disseminated to all the stakeholders through various means. POs and PSOs are displayed on institute's website, various places of the campus like class rooms, corridors, Laboratories, Faculty rooms, etc., and printed on Student handbooks, lab manuals, course files, project reports, institute/department newsletters, etc. The following platforms are used to disseminate the POs and PSOs to the stakeholders. Induction Program / Orientation Program - Students and Parents Parent Teacher Meeting - Parents Campus Recruitment Drives - Employers

Alumni Meet - Alumni Symbolically through Newsletters, Technical Magazines, etc., The COs are published on institute's website and disseminated to students through course coordinators and lesson plan. COs are made available and communicated to teachers and students via Institute

website Course File Announcements to the students during the beginning of each semester and throughout. Discussions by faculty in the departmental meetings. Faculty discussing CO's during department events. Course exit surveys. Course hand book

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://biet.ac.in/cse-objectives-outcomes.php
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Computation of CO Direct Attainment: Attainment of CO in a course = 20% of INTERNAL EXAM Attainment Level + 80% of EXTERNALEXAM Attainment Level

Computation of CO In-Direct Attainment: Attainment of CO in a course = ((Level1 x No. of Students Attempted) + (Level2 x No. of Students Attempted) + (Level3 x No. of Students Attempted)) / Total No. of Students

COs INDIRECT ASSESSMENT TOOLS End of Semester Course Evaluation Form: During the survey, students provide their responses on a given scale to the questions which are the COs of the respective courses.

OVERALL CO ATTAINMENT Computation of Attainment of COs= 90% of Direct CO Attainment+ 10% of Indirect CO Attainment

Evaluations of attainment of POs and PSOs based on 80% of direct assessment + 20% of indirect assessment combined to arrive at the Final Evaluation.

PO and PSO INDIRECT ASSESSMENT TOOLS Exit Survey: At the end of 4 years after graduation, a questionnaire is given to graduates to obtain feedback on Program Outcomes/ Program Specific Outcomes.

Alumni Survey: After completion of graduation, a questionnaire is given to graduates to obtain feedback on Program Outcomes/ Program Specific Outcomes.

Final PO Attainment: The final attainment of each PO of a program is computed by summing up Direct-PO attainment and Indirect-PO attainment values in the proportion of 80:20. If the achievement level of a PO reached/completed the PO target then that PO is attained, else PO is considered not attained. The procedure for PSOs is similar to POs.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://biet.ac.in/pdfs/NAAC/2.6.2.%20C O-%20PO-PSO%20ATTAINMENTS_2021-2022.pdf

2.6.3 - Pass percentage of Students during the year

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

496

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://biet.ac.in/pdfs/NAAC/Annual%20report%20of%20examinations%202021-22.pdf

2.7 - Student Satisfaction Survey

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

<https://biet.ac.in/pdfs/2.7.1.%20STUDENTS%20SATISFACTION%20SURVEY%202021-2022%20REPORT.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

14.63

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

2

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.oppo.com/in/ https://www.serbonline.in/SERB/HomePage https://www.aicte-india.org/

3.2 - Innovation Ecosystem

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

a) **Entrepreneurship Development Cell:** It is an individual cell which functions under the supervision of EDC committee. EDC organizes the work plan of the Entrepreneurship promotion activities. The E-Cell conducts events such as Hackathons, Biz plan, Equiz on business, etc and organizes workshops and guest lectures.

b) **Innovation Cell and Pre Incubation Center:** The goal is to promote and support technology based entrepreneurship spirit among the students that benefit society. Pre Incubation Center at BIET is supported by BIET that funds, mentors and nurtures ideas, startups and entrepreneurs. Virtual incubates can operate from anywhere in India. Pre Incubation Centre was established on 2015.

c) **StartupCell :** The main objective is to promote start up culture and hone the creative talent of the students at the college itself. Students could come up with various innovative and creative ideas and can utilize their talent for starting their new ventures.

d) **IPR Cell:** The cell was aimed to provide Intellectual Property Rights awareness for teachers, research scholars and students. The Cell applies for patents and organises awareness workshop from time to time. It also works under the Kapila Program by AICTE.

e) **Hackathon Club:** The Hackathon Club is established in 2018 in BIET. The goal of a Hackathon club is to create functioning software or hardware by the end of the event. Hackathons tend to have a specific focus, which can include the programming language used, the operating system, an application, an API, or the subject and the demographic group of the programmers.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/iic.php

3.2.2 - Number of workshops/seminars conducted on Research Methodology,

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

20

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

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

2

File Description	Documents
URL to the research page on HEI website	http://biet.ac.in/research-consultancy.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

42

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

24

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

Institute NSS Unit and UBA organizes every year the orientation program for the first years to inculcate the importance of community service to sensitize and motivate them to enroll for the said programs. The extension activities by the above programs to inculcate volunteers towards social issues and holistic development in the neighborhood community in terms of impact and sensitizing students. Various student chapters under various professional bodies were formed for the students at departmental levels. Students actively participate and organize various events through these chapters as per the departmental needs and requirements for overall development of students. Unnat Bharat Abhiyan (UBA): The institute Empanelled in Unnat Bharat Abhiyan (UBA), Centre for Rural Development and Technology to build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India. Following list of

activities were organized in the neighborhood community under each support system:

International Yoga Day

Inauguration Program of Rashtriya Swachhta Kendra

A Webinar on Impact of the Covid 19 on the Global Economy

Haritha Haram Programme

BIET NSS Cell - National Level Online Quiz On Covid 19

Covid 19 Awareness Online Quiz

Food distribution at temple service

Swaach Bharat

General awareness program on education, dustbins, school dropouts, sanitation

2K-Run Cancer Awareness Rally

Food and cloth distribution at orphanage

Plantation Drive

File Description	Documents
Paste link for additional information	http://biet.ac.in/ext-activities.php
Upload any additional information	View File

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

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

4

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

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

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

14

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

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

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

2455

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

3.5 - Collaboration

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

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

71

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

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

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

20

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute, since its inception in 2001, has never compromised with infrastructural facilities be it physical buildings, machinery, equipment, software, books and other learning resources. Thus, it has built up an impressive and state-of-art infrastructure with modern facilities and learning resources as per the prescribed norms of statutory bodies like UGC, AICTE and JNTU-H. The available facilities are almost double than the requirement prescribed by the AICTE and JNTUH. The total land area available is 98% more than the prescribed. The administrative carpet area is more than the required area. The instructional (classrooms, tutorial room, laboratories, library and reading room, seminar halls, auditoriums, workshops, drawing halls, computer centers, etc.,) carpet area is more than the specified area. In summary the overall built up area is more than the required. All laboratories are fully equipped with latest state-of-the-art technology and equipment. The computing facility consists of licensed software (system software and applications software) and also a good number of open source software are also being used by the faculty as and when the curricular requirements. A health computing ratio of 1:2 computers to student against the prescribed ratio of 1:6 is being maintained. The Library with an area of 1230 SQM with a seating capacity of 400. The digital library is equipped with 30 PCs which are connected with Wi-Fi and LAN for fast and seamless access of the Internet for streaming NPTEL lectures and using e-Resources for the benefit of its users.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/infrastructure.php
<p>4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.</p> <p>The institute focuses on overall development of the students through participation in co-curricular and extra-curricular activities. Outdoor, indoor sports and games contribute significantly in grooming students. Students are encouraged to participate in different sports/Games and cultural activities.</p> <p>Yoga classes are being conducted for promoting health in the staff and students. Cultural activities are conducted in the seminar halls, Auditorium and open air theatre of the institution. Sports and Games Institute has employed a well-qualified and experienced physical directors, who train the students in their chosen games in the time-slot allocated to them. The institute has a spacious and well equipped indoor-sports room and sufficient area is allocated to outdoor sports and games with adequate facilities. Institution encourages students to participate in intra-college, inter-college, university-level, district level, state-level competitions and national level competitions. Cultural Activities All the seminar halls and auditorium are provided with adequate facilities to conduct various cultural activities on different occasions like fresher's day, Annual day and on such other important occasions. To bring out and to encourage inherent talents of the students, various clubs are introduced. Students join in these clubs depending on their interest. Students are encouraged to actively participate and showcase their talent and skills. These activities contribute to bring out latent talent among students, which help to build their overall personality by developing communication skills, leadership qualities and to be a constructive part of a team.</p>	

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/cluba-activities.php

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

72

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/ict-facilities.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

259.19

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

4.2 - Library as a Learning Resource

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

Two libraries spanning over an area of 1230 sq. mtr. equipped

with Library Management System services; ILMS Software Package is an Integrated Library management System (ILMS) with Barcode Scanner that supports all in- house operations of the library. Name of the ILMS Software: Koha (open source) Nature of Automation: Fully Automated Version: 20.11.04.000 Library has the collection of 65758 volumes and 16730 titles. Central subscribes two online databases like DELNET and INFOTRAC. Each database consists of 3000 plus e-journals and e books.

The Library offers computerized Catalogue Search Services for user community through the On-line Public Access Catalogue (OPAC) (<http://192.168.96.200:8080>) which allows access of bibliographic details of the books available in the Library. Around 9100 Video lectures (NPTEL) are available for ready access from the digital library on IP 172.16.16.30/NPTEL in the LAN. The library subscribes full-text e-resources providing access to e-journals and e-books, etc. and access to the e-resources are based on the authenticated IP address (<http://172.16.19.189/>). Digital Library is equipped with 30 Desktops with Wi-Fi and LAN enabled with 300 Mbps for fast and seamless access the Internet and e-Resources for the benefit of their academic and research. Holdings of the Library as on date are: Books : 65758 Titles : 16,730 Print Journals : 172 e-Books (DELNET): More than 6000 Video Lectures: Around 9100 Video lectures (NPTEL) Facilities / Services available at BIET Library: Open Access System : Yes Reprographic Facility : Yes

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://biet.ac.in/library.php

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

A. Any 4 or more of the above

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

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

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

5.53

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

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

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

270

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

4.3 - IT Infrastructure

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

The IT infrastructure of the institute is maintained by trained and experience professionals. The Computer laboratories are being upgraded from time to time to provide

the best computational infrastructure to the students. The Infrastructure consists of backbone Fiber optic cable network of 2 kms connecting all the building blocks of the college; Wired and Wi-Fi equipment of 100+ Hub racks, 200+ network switches, 70+ access points etc; 17 Servers hosting different applications which provide computational environment; Internet Facility of 300 Mbps from Pioneer ELabs Limited, 700 Mbps from Tata Tele services and 500 Mbps from cybernetlinks.; 9 System softwares and 22 Application softwares; 100+ Air conditioners to maintain 1315 plus computers in various laboratories, research centers and administrative offices. The ICT equipment of 90+ multimedia projectors, 6 Public Address Systems; 10 Biometric Finger-Print, Face Recognition, Aadhaar Enabled Attendance System and Access card equipment; and 120+ CC Cameras surveillance equipment for campus safety and management. Updating the Internet facility and services from time to time to cater to the academic and research

- 300 Mbps speed internet from pioneer e labs limited, 700 mbps from TATA TELE services limited and 500 MBPS from Cybernet links

h needs in the Campus. A.Y 2018-19: 405 computers were purchased with 4GB RAM, 1TB HDD from Dell and HP A.Y. 2018-19: 16 new servers systems from DELL POWER EDGE T30 were purchased with 16GB RAM, 1TB HDD, Intel Xeon E3-1225v5. A.Y 2017-18: 170 computers were purchased with 4GB RAM, 1TB HDD from Dell for upgradation of labs. Internet connectivity to all computers 300 Mbps from PIONEER ELABS LIMITED

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/computing-conference-facilities.php

4.3.2 - Number of Computers

1315

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)****229.48**

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

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

There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. Certain laboratories and workshops are required to be shared and

utilized as common facilities. Classrooms, laboratories & auditorium: The facilities department takes rounds of all the class rooms and auditorium every day. In case of requirement for maintenance such as lights, fans, benches etc will be attended by maintenance staff. Laboratory in charge, along with laboratory assistant, ensures proper working of all equipment at the beginning of each semester. Routine computer maintenance, software installations, networking are handled by the CSE Department. Computer, LCD projectors and CC cameras maintenance and checking activity carried out by team of system engineer, hardware engineers and technicians. The librarian is the in charge for handling all the maintenance works required in the library through maintenance staff. He takes care of utilization of books, computers and other learning materials in the library. The physical director takes responsibility for all repairs pertaining to sports equipment and courts. He has to maintain courts properly on daily basis with the help of the maintenance staff. Electricians are available round the clock to address power breakdown. Facilities Department monitors the services of electricians. They perform regular checks in classrooms and in the campus to ensure that all electrical fittings are in excellent condition. Maintenance of buildings and related areas are undertaken by the Facilities Department. Maintenance staff consists of Qualified Electricians, Carpenters, Plumbers and other service personnel.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://biet.ac.in/infrastructure.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1619

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

239

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

B. 3 of the above

File Description	Documents
Link to Institutional website	http://biet.ac.in/Capacity%20building%20and%20skills%20enhancement.php
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1878

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

1878

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year**

5.2.1.1 - Number of outgoing students placed during the year**347**

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education****15**

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year****31**

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

5.3 - Student Participation and Activities

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

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

1

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

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

The Institute creates a platform for the active participation of the students in the various academic and administrative bodies including other activities. This empowers the students in gaining leadership qualities. Student Councils are actively participating and organizing various activities related to academics, co- curricular and Extra-curricular activities, with the guidance of faculty. Students are encouraged to participate in co-curricular and extra-

curricular activities in inter-college, inter-university and in National level competitions. Institute has constituted various other committees to involve in different academic and administrative activities in campus apart from the Student Council. The various student council and representative committees in BIET are: Students' representation and engagement in Class Representative Committee (CRs) as Elected CR and Selected CR Professional Societies student chapters (Indian Society for Technical Education (ISTE), Institution of Engineers (IE), Institution of Electronics and Telecommunication Engineers (IETE), Association for Computing Machinery (ACM), Computer Society of India (CSI) etc. student chapters as Student Member for co-curricular activities

Students' representation in NCC committee as volunteers
 Students' representation in Club Activities as Student In-Charge Facilitator and Student Assistant In-Charge Facilitator for co-curricular and extracurricular activities
 Students' representation in Alumni Activity committee as members
 Students' representation in Anti Ragging committee as representatives of students belonging to the freshers' category as well as senior students
 Students' representation in IQAC as Student representative member
 Students' representation in Department Advisory Council (DAC) as Student representative member
 Students' representation in Mini and Major Project Work as Team Leader

File Description	Documents
Paste link for additional information	http://biet.ac.in/professional-societies.php
Upload any additional information	View File

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

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

25

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

5.4 - Alumni Engagement

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

The Institute has Alumni Activity committee. The main objectives of Alumni Activity committee are: To promote and foster mutually beneficial interaction between Alumni and the Institute. To encourage the formation of regional chapters to increase participation of Alumni. To encourage the Alumni to take abiding interest in the process and development of Institute. To arrange and support in placement activities for the students of Institute. To encourage the students of the Institute and members of the Association for research & development work in various fields like engineering, computer Industrialization etc. To mentor the students of the Institute for higher education, development of character and being Good citizens. To provide scholarships to deserving students and ex-students of the Institute for the purpose of education and sports. To encourage and guide the students of the Institute on self-employment to become entrepreneurs. To guide students of the Institute on various professional avenues available and support them through various activities such as expert advice, seminars, visit etc. Promote the Industry-Institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability. To help and assist other regional bodies for training programs in entrepreneurship development, with resources available with association. To encourage and support students of the Institute in sports, cultural and extra-curricular activities. To promote computer and internet literacy among the society. To provide medical support to existing and retired teaching and non-teaching staff. To

organize debates on various social issues.

File Description	Documents
Paste link for additional information	http://biet.ac.in/distinguished-alumini.php
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

To impart high quality education, in a conducive ambience, as comprehensive as possible, with the support of all the modern technologies and make the students acquire the ability and passion to work wisely, creatively and effectively for the betterment of our society. The Quality Policies are framed based on the Vision and Mission and are driven by the needs of the industry, society and stakeholders. The governance comprising of Governing Body (GB), Department Advisory Council (DAC) and Internal Quality Assurance Cell (IQAC) play significant role towards positioning the Institute in the preferred list of all stake holders. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by HODs, Administrative Head, Section in-charges and coordinators of various cells/committees in decision making process. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities. Institute has a perspective plan developed by Principal and HOD's with suggestions of IQAC, DAC under the guidance of GB. Student's surveys and feedback from all the stakeholders plays vital role in framing and revising policies.

Institution policy believes involvement of all staff in

decision making. Various committees at Institute level are formed which look after academic and administrative activities which lead to realization of vision and mission of the Institute.

File Description	Documents
Paste link for additional information	http://biet.ac.in/vision-and-mission.php
Upload any additional information	View File

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

Institution practices decentralization and participative management. Decentralization and operational transparency are the features of the institute. The institute having been a support for participative management achieved it involving faculty and students. The Governing Body considering the same as a quality promotional policy for the improvement of the institution has accorded to its approval. The Principal is the Head of the institution and is empowered with sufficient authority and power delegated from the management for smooth functioning of day-to-day activities. Day-to-day academic activities of the departments are taken care by the HODs. The Principal, as a representative of the institute, leads its faculty members and HODs in all academic matters. He encourages and cooperates the HODs and faculty members in ensuring a proper academic environment in the institute. The plans and the policies for fulfillment of the mission of the institute are executed by the active involvement of the college authorities, along with all the faculty members. For this purpose, different committees have been constituted in the institute, who has been entrusted with the responsibility of implementing the programmes and policies. Such decentralized and participative management leads to a situation of harmony and congenial atmosphere in the institute. Senior members of different faculties head the respective committees. Principal and HODs always welcomes the suggestion and proposals of the faculty-members and committees and transforms them to applicative practices in the institute. The In-Charges of different committees of student-supporting activities as well as co-curricular activities have operational autonomy.

File Description	Documents
Paste link for additional information	http://biet.ac.in/management.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective/strategic plan is made by institution to fulfill requirements of industry and society by providing quality education. Successfully Implemented: 1. IQAC According to the strategic plan which is in line with vision of our institution, IQAC was established in the year 2014-15. IQAC has made constant efforts to shift from the traditional teacher-centric approach to a student-centric approach. Some of the initiatives taken are: Periodical review of teaching learning process. Monitoring student academic progress. Adapting to student centric, ICT enabled and interactive teaching learning methods. Introduction of MOOC/NPTEL/SWAYAM

Scope for Self-learning Prominent academicians from reputed institutions were invited for guest lecturers on advanced topics. Organizing expert sessions on various teaching-learning and pedagogic methods. Organizing faculty enrichment programmes. Internal Quality Assurance Cell (IQAC), BIET conducts Academic Administrative Audit (AAA) at regular intervals. Based on AAA report, suggestions are given to concern for improvement based of the discrepancies found during audit 2. R&D Research and Development was institutionalized and many research papers were published. Some of the initiatives taken are: Recruitment of Faculty with Research abilities Equipped laboratories with research suitable equipment / software Technical services such as sophisticated equipment and software 3. Training and Placements Some of the initiatives taken are: Technical domain training by TASK through placements department In-house summer training was started from 2017-18 onwards Student internships through AICTE Internshala and Placements department Online assessment by COCUBES through placements department Organized special awareness and training for entrepreneurs

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://biet.ac.in/strategic.php
Upload any additional information	View File

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

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage. The Institution has constituted various committees at institute and department level for the effective functioning of the organization. The objectives and functions of the committees are organized as per the guidelines of the head of the institution. Institute Level Committees: Institutions Industry collaboration committee R&D and Professional Societies Committee NIRF Committee NBA Committee NAAC Committee Autonomous Committee Admin Committee Academic Committee Library Committee IQAC for Academic Audit IQAC for student regularity, Mentoring, Parent interaction, labs & Infrastructure Monitoring Event Management Repair and Maintenance Committee Infrastructure Procurement Committee Training for Placement Committee Placement Cell Committee GATE& Higher Education Committee Alumni Activity Committee Entrepreneurship Development Cell (EDC) Committee Website Committee Examination Cell Committee Vivekananda Centre for Human Excellency Committee ICT/e-learning, NPTEL, MOOCS Committee Internship Committee Students Projects Cell Coordinators Committee Hackathon Committee Remedial and Bridge Class Committee Discipline Committee Anti Ragging Committee

Women grievance Cell (only female faculty) Committee Student Grievance cell Committee Admission Committee NSS Committee NCC Committee Environmental and Nature Protection Committee Renewable Energy Committee Scrap Committee Swachh Bharat for Clean Campus Waste Management (a. E- Waste, b. Solid Waste,

c. Liquid Waste) Transport Committee Automation & Smart Campus Committee Electrical Maintenance & Disaster Management Committee

File Description	Documents
Paste link for additional information	http://biet.ac.in/committee.php
Link to Organogram of the institution webpage	http://biet.ac.in/management.php
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare measures for Teaching Staff: As per the norms of AICTE, Pay commission recommendations are implemented Extending EPF Scheme (as per PF Rules) Extending ESI facility (as per Govt. Norms) Group insurance is provided to all the staff members. Free Transportation to all faculty members Additional Increments for Teaching Staff blessed with baby girl 10 days leaves will be sanctioned with full pay to the teaching staff for attending FDP/Workshops/Conferences / who have registered for / pursuing to attend the Ph.D work 7 days Special Leaves with pay for newly married staff. 3 months Maternity Leave Reward the best and the second best technical

papers having impact factor more than 1.0 from each of the departments with monetary reward of Rs.5000/- and Rs.3000/- respectively. Sanction 2nd class TA and DA for out station conferences and symposiums, in deserved cases. Allow faculty to attend conferences, symposiums and workshops acquire knowledge on advanced topics at least once in a semester, by sanctioning OD.

Provide incentive of Rs.10000/- to authors who published standard text books. Faculty members have to register for professional societies like ISTE, IETE, IEEE, CSI etc. by paying registration fee. However Institutional fee will be paid by the Institute for starting local chapters. Welfare measures for Non-Teaching Staff: Service, Conduct and Leave Rules are made available in the institute website Uniform is provided for supporting staff. Maternity, Medical leaves / vacation is sanctioned for the required staff.

File Description	Documents
Paste link for additional information	http://biet.ac.in/pdfs/6.3.2-POLICY%20DOCUMENT.pdf
Upload any additional information	View File

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

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

17

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

20

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

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

7

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

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

Institute has well designed performance appraisal system. It is implemented with the help of Performance Appraisal Reports (PAR). Performance is self assessed and duly filled in PAR by Staff at the end of every semester are evaluated by respective HODs and Principal. Key points for Faculty Appraisal -

ACADEMIC: 1. Teacher's Diary Updation: Academic 2. Students Academic Results 3. R & D Activities 4. Identifying training needs in core subjects which you are teaching 5. Project Guidance by Faculty 6. Helping students in Industry Internship / Summer Training / Industrial visits 7. Helping students in encouraging entrepreneurship and incubation in core areas 8. Encouraging students in publications and awards in inter-institute events 9. Individual Faculty Academic Responsibilities 10. Effective mentoring of students 11. Workshops to be organized 12. Placements related efforts 13. Improvements in Teaching-Learning Process and Pedagogical Innovations 14. More publications 15. Exposure on Magazines, Journals, Articles to be increased 16. Class In-charge responsibilities 17. Lab In-charge responsibilities

Key points for Faculty Appraisal - ADMIN: 1. Teacher's Diary Updation: Admin 2. Personal Attributes 3. Maintaining discipline in the class room and dress code 4. Student mentoring 5. Class In-charge responsibilities (applicable to only class Incharges) 6. Lab In-charge responsibilities (applicable to only lab Incharges) 7. Department and college level committee members responsibilities 8. College Level Club Incharges and Members responsibilities 9. Department Placement Incharge/ Coordinator responsibilities

Non-Teaching staff: Maintenance of Files Maintenance of Registers Assets/Stock Maintenance Personal Attributes & Qualities Leadership/Inchargeship Attributes

On the basis of above details, a committee under the chairmanship of the Principal will evaluate the appraisals of the staff and submits its recommendations to HR for final decisions.

File Description	Documents
Paste link for additional information	http://biet.ac.in/servicerules.php
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Our society has maintained a very transparent financial system in the institutions. There are well defined processes for sanction of budget to expenditure. An internal approval system for all expenses is in place. Accordingly bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of BIET society. All the bills/vouchers are audited by an Internal Auditor on a routine basis. Proper record of all the expenses is maintained by the accounts department.

An external auditor appointed by the society, executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the principal, and chartered accountant. Then audited report is submitted by chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are complied as per procedure.

File Description	Documents
Paste link for additional information	http://biet.ac.in/management.php
Upload any additional information	View File

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

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

0

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

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

The institute has a well-defined financial policy which ensures effective and optimal utilization of finances for academic, administrative and developmental activities. We have a dedicated strong financial team in place, which will organize optimum effective utilization of funds. Financial Planning is prepared well in advance with efficient Budgeting involving the various Academic Departments and Administrative Sections of the Institute. While preparing the budget we will consider the Head of the department requirements which include co-curricular and extracurricular activities in the annual budget. After reviewing of the budget by Principal, the final consolidated budget is forwarded to the Management for approval. The institute is being run with self sufficient funds by generating the cash inflow from tuition fee from students and other miscellaneous incomes. In case of shortage of funds during the expansion or renovation of buildings, the management always supports by providing required finance and ensures the amount is paid back in certain period based on mutual understanding. We have different purchase committees in place which ensures that the funds are monitored and utilized in an effective manner. The management will review the financial activities through scrutiny of budgets Versus actual in every quarter which will ensure whether the finance utilization is going in correct direction or else management recommends for alternate strategies. We have different institute level committees for mobilisation of funds and the optimal utilisation of resources: Admin Committee Academic Committee Repair and Maintenance Committee Infrastructure Procurement Committee Scrap Committee Transport Committee Electrical Maintenance & Disaster Management Committee

File Description	Documents
Paste link for additional information	http://biet.ac.in/management.php
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC has contributed in the following two areas: I. IQAC for Academic Audit Verification Components: 1.FORM-1: WLTT- Workload Approval, Allocation and Time Tables Submission Status Report 2.FORM-2: LPCF - Lesson Plan, Course File & Lab Execution Plan Submission Status Report 3.FORM-3: SCRB - Syllabus Completion, Remedial & Bridge Classes Conduction Status Report 4.Daily Class Work Report

5.Student Lab Attendance Cum Lab Log Register 6.Internal Examinations Marks 7.Student Mentoring / Counseling Register 8.Student Hand Book preparation 9.Teacher's Diary - Academic (Faculty) 10.Faculty Feedback and Action Taken II. IQAC for Student regularity, Mentoring, Parent interaction, labs & Infrastructure Monitoring Verification Components: 1.FORM-4: AMLP - Attendance, Mentoring and Lab Performance Status Report 2.FORM-5: CARC - Conduction & Attendance Remedial Classes Status Report 3.Students Attendance Cum Academic Record 4.Student Mentoring / Counseling Register 5.Parent Communication Register (PCR) 6.Teacher's Diary - Admin (Faculty)

Two examples of best practices as a result of IQAC initiatives: 1. MENTORING ACTIVITIES Mentoring student is a unique feature of BIET. It is a process of creating a supporting relationship with faculty, parents and students aiming at comprehensive development of students.Mentoring helps to shape an individual's beliefs and values in a positive way.

2. TEACHING- LEARNING AND PEDAGOGIC INITIATIVES IQAC has made a continuous effort to shift from the traditional teacher-centric approach to a student-centric approach. It enabled the institute to use learning approach that integrates student-centered, traditional in-class learning with other

flexible learning methodologies using media, web-based learning and e-resources with increased access to content and flexibility.

File Description	Documents
Paste link for additional information	http://biet.ac.in/igac-activities.php
Upload any additional information	View File

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

Continuous development is attempted through IQAC at periodic intervals. Two examples of institutional reviews and implementation of teaching learning reforms are outlined below: 1. Continuous Assessment System 2. Student Feedback on Teaching and Learning Process

1. CONTINUOUS ASSESSMENT SYSTEM To assess and keep handy records of student's performance, the methodology of maintaining continuous assessments sheets (CAS) in the form of Teacher's Diary-Academic was developed and implemented. The strategies developed and policies framed time to time were laid down on Teacher's Diary-Academic which was distributed among all faculties in the beginning of each Academic year. It provides the excellent way of disseminating all policies framed for students and staffs performance monitoring. All teaching and learning activities were recorded, assessed and reviewed by checking records of these Teacher's Diary-Academic continuously.

2. STUDENT FEEDBACK ON TEACHING AND LEARNING PROCESS (TLP) Student feedback on faculty performance is done through comprehensive performance systems and the feedback is communicated to all concerned. Based on the feedback the institution updates academic programmes and value added programmes most relevant to the current requirements. Student feedback on TLP has been collecting just before the end-semesters and suggestion/appreciation letters will be issued to the faculty regarding feedback. This feedback has five metrics Planning and Organization Presentation / Communication Student Participation Class Management / Assessment of the Students Overall Rating Student feedback

has been collecting from students' at beginning of the semester. Feedback analysis has been preparing based on the data and suggested accordingly.

File Description	Documents
Paste link for additional information	http://biet.ac.in/igac-activities.php
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://biet.ac.in/pdfs/NAAC/6.5.3%20annual%20report_2021-22.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

he course on "Gender Sensitization (An Activity-based Course)" was introduced by the affiliating university JNTUH as a compulsory foundation course with two credits in II year

II semester in B.Tech for all branches of Engineering and Technology from the academic year 2015-16 (with existing R18 regulations). It should be treated as a Lab Subject (Student Centered). Further continuing with "Gender Sensitization Lab" from 2016-17 onwards. Learning Outcomes of the Course: Students will have developed a better understanding of important issues related to gender in contemporary India. Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion of materials derived from research, facts, everyday life, literature and film. Men and women students and professionals will be better equipped to work and live together as equals. Gender equity & sensitization in co-curricular activities: The following Gender equity promotion programs organized by the institution during the last year: Sports and Games competitions for girls Various club activities like Cultural programs, Dandiya & Bathukamma, Fresher's day, International Women's Day, Painting competition, Pongal Celebrations, Plantation, yoga etc. Facilities for women on campus: The following Specific facilities provided for women 1. Safety and security: 2. Counselling: 3. Common Rooms: 4. Day care center for young children:

File Description	Documents
Annual gender sensitization action plan	https://biet.ac.in/pdfs//NAAC/gs%20action%20plans_21-22%20.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://biet.ac.in/facilities-women.php

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Inspired by Swachh Bharath, a flagship initiative of Government of India, the college took several initiatives to properly dispose waste and maintain eco-friendly environment in and around the campus. Appropriate labeling is used on all kinds of bins to help users discard various type of waste avoiding manual segregation. Solid waste management: Institute practices the segregation of Solid Waste and its effective management in the campus. The collected waste is segregated at the source of the generation. The waste bins are placed separately for dry and wet waste at every corner of the corridor, wash rooms and common room. The dry & wet waste is collected and dumped in the biogas plant of BIET to convert waste to Energy. Liquid waste management: Liquid waste from the wash rooms is conveyed to the Municipal drain and waste water from laboratories is disposed off into closed collecting tank after neutralizing the chemicals etc. Liquid waste from the canteen & the wash rooms is collected into pools, recycled using four beds filtration method will further be used for watering the gardens. Biomedical waste management: The institute is not involved in any clinical experiments directly hence no biomedical waste is generated.

E-waste management: The condemned batteries and damaged computers are disposed through outside agencies. Obsolete computers and other electronic gadgets are sold to recyclers. E-waste generated is given to the authorized dealers who purchase the scrap and reuse the useful components. The low configured computers are donated to nearest schools.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

institution											
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above										
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Reports on environment and energy audits submitted by the auditing agency</td><td>View File</td></tr> <tr> <td>Certification by the auditing agency</td><td>View File</td></tr> <tr> <td>Certificates of the awards received</td><td>View File</td></tr> <tr> <td>Any other relevant information</td><td>No File Uploaded</td></tr> </tbody> </table>	File Description	Documents	Reports on environment and energy audits submitted by the auditing agency	View File	Certification by the auditing agency	View File	Certificates of the awards received	View File	Any other relevant information	No File Uploaded	
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Reports on environment and energy audits submitted by the auditing agency	View File										
Certification by the auditing agency	View File										
Certificates of the awards received	View File										
Any other relevant information	No File Uploaded										
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above										

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

The institute adorns a festive look to celebrate Pongal, the state festival of Telangana. Many competitions such as 'Rangoli' and 'kite festival' display the enthusiasm and teamwork of the faculty. Themes based on the role of agriculture are chosen for Rangoli competition. Many departments such as physical education and human resources department work in collaboration for the benefit of the institution and conduct various competitions for the faculties and students in the campus. The institute takes extra efforts in providing an inclusive environment for all the students and employees. Tolerance and Harmony to cultural, regional, linguistic, communal socioeconomic and other diversities is best achieved by the major events like Holy, Dussehra, TechFest and Cultural Fest at Institute levels. Students have formed various clubs at the campus levels which also support and propagate the idea of diverse cultures. TechFest and Cultural Fest are annual events where the Institute invites popular music singers with their teams to enthrall the students with rich cultural songs. Regional events are also celebrated at the institute especially Pongal celebrations, Bathukamma Festival, Dandiya Festival etc. Now the students have themselves started enacting the whole story behind the colourful festival of Holi. The colourful Holi is celebrated with Flowers on the campus. International Yoga day is being celebrated every year. International commemorative days like world music day, international artist day, world poet day are conducted and marked by appropriate competitions. The students cultural programme has always

themed of communal and inter-religious harmony.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

The course on "CONSTITUTION OF INDIA (Audit Course)" was introduced by the affiliating university JNTUH as a compulsory foundation course in I year in M.Tech for all branches of Engineering and Technology from the academic year 2019-20 and II year in B.Tech for all branches of Engineering and Technology from the academic year 2018-19. It should be treated as a Lab Subject (Student Centered). Course Outcomes: Students will be able to: Discuss the growth of the demand for civil rights in India for the bulk of Indians before the arrival of Gandhi in Indian politics. Discuss the intellectual origins of the framework of argument that informed the conceptualization of social reforms leading to revolution in India. Discuss the circumstances surrounding the foundation of the Congress Socialist Party [CSP] under the leadership of Jawaharlal Nehru and the eventual failure of the proposal of direct elections through adult suffrage in the Indian Constitution. Discuss the passage of the Hindu Code Bill of 1956. The Institute takes pride in the fact that apart from preparing a sound academic foundation of the student community; the Institute constantly works upon to develop them as better citizens of the country. Various faculties have always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the "Unity in Diversity" of our motherland.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://biet.ac.in/pdfs/HumanValues& ProfessionalEthics.pdf
Any other relevant information	http://biet.ac.in/pdfs/CI_jntuh_syllabus.pdf

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

4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Institution organizes every year various national and international commemorative days, events and festivals:

National Youth Day- The birthday of Swami Vivekananda-12 January Republic day- 26th January Science Day- 28th February International Women's Day -8th March International Day of

Yoga - 21st June Independence Day- 15th August Teachers Day - Sir Sarvepally Radhakrishnan's Birth Anniversary- 5th September Engineers 'Day- Sir Mokshagundam Visvesvaraya Birth Anniversary- 15th September World Students' Day- APJ Abul Kalam Birth Anniversary- 15th October Bathukamma Festival-October during Dussehra recess National Education Day- Sri Maulana Abul Kalam Azad Birth Anniversary -11th November National Mathematics Day - Sri Srinivasa Ramanujan Birth Anniversary -22nd December

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

BEST PRACTICE - I

- Title of the Practice:** College Student to Corporate Professional
- Objectives of the Practice** The session include: - Attitude, Verbal and Nonverbal Skills - Effective Communication Skills - Group Discussion and Team Building Skills - Technical Skills - Practical Skills - Project Skills - Etiquette and Interview Skills
- The Context** The institute believes that a motivated workforce (Staff and Students) can be a significant factor in institute's success. When staff and students are motivated to work at higher levels of their skills and abilities, the institute as a whole runs more efficiently and is more effective at achieving its objectives and goals.
- The Practice** - Aptitude, Verbal and Nonverbal Skills On line aptitude test through CoCubes of final year students is conducted at starting of 3rd year 2nd semester. After assessment diagnosis is prepared for various sections like: logical reasoning, mathematics and linguistics. - Effective Communication Skills - Group Discussion and Team Building Skills - Technical Skills - Practical Skills - Project Skills - Etiquette and Interview Skills

BEST PRACTICE - II MENTORING SYSTEM FOR STUDENTS To minimize dropouts, improve performance

and reduce stress of the students through personal counselling. One solution therefore is a 'Mentor' who can form the bond with students in the true sense. Mentoring is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall progress.

File Description	Documents
Best practices in the Institutional website	http://biet.ac.in/pdfs/7.2.1.pdf
Any other relevant information	http://biet.ac.in/pdfs/MentorBook.pdf

7.3 - Institutional Distinctiveness

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

Holistic professional development through BIET Clubs The main objectives of holistic education are learning about oneself, developing healthy relationships and positive social behaviors, social and emotional development, resilience, and the ability to view beauty, experience transcendence, and truth. Holistic education notes that students need to not only develop academically but develop the ability to survive in the modern world. They need to be able to rise and face the challenges presented to them in the future and contribute to the world in which they live. Students need to learn to first value themselves, their worth, and recognize their abilities and how to be able to do what they want in life.

With this perspective of sensitizing them to the needs of the society, we have established 25 clubs into five categories including technical, non-technical and social clubs during the first year to final year of every UG programme offered in the institute. The technical clubs are liable for forming Self Interest Groups later in the departments and the non-technical clubs both cultural and social, help in grooming the students as socially responsible citizens. Clubs offer a fun means of developing and honing leadership skills and the ability to work collaboratively. Club activities to engage in a rich variety of opportunities to distinguish one-self while enjoying the communion of fellow students who share the same passion and interests. These clubs function on every working day in the afternoon sessions at 3:10 pm.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Institute has been initiating and implementing various activities to assure and improve quality in the different aspects of academics, co-curricular and extracurricular activities, faculty development. In view of the vision, mission and core values, institute has planned for following initiatives:

1. To apply for NBA Accreditation for remaining UG programs IT,CIVIL

2. Organize more community service activities to contribute to the wellness of the society. Institute is planning to Organize more community service activities to contribute to the wellness of the society. Along with NSS unit and UBA, departments are involved in the organization of different social activities.

3. Firm up collaborations to bridge the gap between academia and industry. Industry is the major stake holder of technical institution. Continuous interaction between technical institution and industry is an essential requirement to enhance an employability of engineering graduates. More focus through interaction with industry will be to motivate students for industry sponsored projects, for industrial internships.

4. To obtain autonomous status Institute has taken first step by obtaining grade "A" by NAAC. Further to this, Institute has planned for accreditation of eligible undergraduate courses and next step planned is to go for obtaining autonomous status with getting recognition as institute of excellence.

5. To promote entrepreneurship and innovation through skill development. Institute has developed "Centre for Innovation and Incubation (CIE)" and planning for enhanced activities in this area. Skill development will be the focused area for

enhancing employability of students.