Yearly Status Report - 2019-2020

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. J. P. Singh**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08414-252313**
Mobile no.	**9640909047**
Registered Email	**principal.biet.hyd@gmail.com**
Alternate Email	**principal@biet.ac.in**
Address	**MANGALPALLY(VILLAGE), IBRAHIMPATNAM (MANDAL)**
City/Town	**RANGA REDDY DISTRICT**
State/UT	**Telangana**

Pincode	501510

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. R. MADANA MOHANA
Phone no/Alternate Phone no.	08414252399
Mobile no.	9440793154
Registered Email	principal.biet.hyd@gmail.com
Alternate Email	madanmohanr@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: Weblink :	http://biet.ac.in/academic-calendar.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.53	2018	02-Nov-2018	01-Nov-2023

6. Date of Establishment of IQAC | 29-Sep-2014

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Short term training program on: Quality Improvement for all faculty	10-Feb-2020 2	170

View File

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institute	Development and custmization of technology	UBA(UNNATH BHARAT ABHIYAAN)UBA(UNNATH BHARAT ABHIYAAN)UBA(UNNATH BHARAT ABHIYAAN)	2020 365	50000

No Files Uploaded !!!

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	**View File**
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	**View File**
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

"ACTIVE LOCAL CHAPTER" Award from SWAYAM NPTEL for JUL TO OCT 2019 SEMESTER and JANUARY TO APRIL 2020 SEMESTER.

Professional Students Activities (Technical Symposium, Conference)

BIET received Appreciation letter for overwhelming and brings a great pleasure to witness that 2 of our teams (one from CSE and other from ECE) were shortlisted for the finale where students from more than 500 Institutions across India from 26 States with 26,478 registrations participated in the Hackathon which was organized by NASSCOM-IBM Crack the COVID 19 crisis in Jun 2020.

BIET PLACEMENTS CELL received an appreciation award from Telangana TPO Forum on 28/12/2019 for their exemplary work.

Total 58 faculty members were certified by SWAYAM-NPTEL certification courses with the grades "Elite+Silver" 7 members and "Elite" 25 members during the academic year 2019-2020.

No Files Uploaded !!!

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

Plan of Action	Achivements/Outcomes
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
Mandatory internship for all students	Summer internship made mandatory for all the IV year students during the academic year 2019-20 onwards
Improvement in the students-teachers relationships	Students' counseling at individual level, easy access within department and college. Students' career guidance cell provides information and guide students for career options
Enhancement of the placement activities	TASK (Telangana Academy for Skill and Knowledge) and CoCubes initiated and students are trained under these two for better placements

Promotion to participate in AICTE & other Hackathons	From our institute 256 teams with total 1880 students participated in NASSCOM-IBM HACKATHON-Crack the COVID-19 Challenge. Out of 26000 teams registered and submitted the project for the Hackathon conducted by IBM in association with NAASCOM two of our teams qualified in top 15 teams for the final which was held in April-May 2020.
Promotion to NPTEL courses	43 students and 58 Faculty members successfully completed the NPTEL courses in JulOct: 2019 Exam and JanApr: 2020 Exam and 2 of them ranked in EliteGold and first 1 5 toppers, 9 in EliteSilver and 38 in Elite . Please see the attachment

View File

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
IQAC	21-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	05-Oct-2018

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	16-Mar-2020

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	It is a system designed to systematically organize information related to the management of educational development. MIS is responsible for the promotion and use of information for policy planning and implementation, decision making, and the monitoring and evaluation of an education system. As we live in the age of information, the success in organizing information systems for the development of

education lies in the use of information for development. Not using accurate and timely educational information for monitoring development activities results in retarded development. MIS also substantially aids efforts made to assess the performance of an education system. It also closely monitors the equitable distribution of resources, and plays an active role in providing information to top management about the deployment of teachers, student performance assessment, internal efficiency of the education system, resource allocation, and the distribution of didactic materials to institute On MIS various academic and admin level works are performed. In academics Attendance monitoring, Continuous assessments of students, eresources for students, time table, extra and cocurricular activities, library, examination etc are performed. At admin side faculty and students profile, Institute fees, scholarship record, college level certificates like bonafide, fee receipt, admission etc. The documents required for various. SMS and email notification also sent by MIS to all stake holders about the institute. In students support, MIS also have a module of mentoring on which mentee observations are recorded throughout the year.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

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 in-charge 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. Design and Dissemination of Course Plan: Each faculty member prepares detailed course plan including the text book(s), reference book(s), web resource(s) and ICT tool(s) to be used for each topic. It also includes the topics to be covered beyond the curriculum which is then disseminated to the concerned students after approval of academic in-charge. Preparation of Course file: Each faculty member prepares the course file which includes the time table, course plan, course outcomes, mapping of course outcomes with program outcomes & program specific outcomes, attainment levels and targets, identified curriculum gaps, corrective actions, materials module wise, handouts, previous question papers and previous performances. After the completion of the semester, it is updated with analysis of students' feedback, attainment of COs, POs & PSOs and Justifications for non attainment of COs, POs and PSOs (if any). Content Delivery: New and innovative teaching techniques, in addition to the traditional lecture method are adopted to deliver the content. Employing of learner-centric techniques such as peer learning, collaborative learning, group discussion, video lectures, chart preparation, role play, quiz etc., encourages students' active participation. Reviews: Periodical review on the coverage of syllabus and regularity of the students is performed by the Academic In-charge followed by IQAC-Academic Audit. The class in-charge reviews the coverage of syllabus through Daily Class Work Register (DCWR) and suggestions are invited for the improvement of teaching-learning process. Assessments: As per the regulations of the affiliated university, the assessment is in two ways: 1. Internal Assessment (25 Marks): There are two internal assessment tests, the first one after eight weeks of the commencement of the semester and the second at the end of the class work, i.e., after sixteen weeks. The internal assessment includes descriptive test for 10 Marks, objective test for 10 Marks and assignment for 5 Marks. The descriptive question papers and assignment papers include course outcomes and bloom's taxonomy levels. 2. External Assessment (75 Marks): The external assessment is based on the semester end examinations conducted by the university.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Summer Training – C and Data Structures	NA	25/05/2020	20	Employability	Placements
Summer Training – Basics of Electronic circuit Design	NA	25/05/2020	20	Employability	Placements
Summer Training – MATLAB Basic LEVEL	NA	25/05/2020	20	Employability	Placements and Real time experience
Summer Training – Arduino Raspberry Pi coding (Basics)	NA	25/05/2020	20	Employability	Placements and Real time experience
Summer Training - MATLAB Application Level	NA	25/05/2020	20	Employability	Placements and Real time experience
Summer Training – Embedded Systems	NA	25/05/2020	20	Employability and	Placements and Real time

				Entrepreneurship	experience
Summer Training - VLSI Design (Front End Back End)	NA	25/05/2020	20	Employability and Entrepreneurship	Placements and Real time experience
Summer Training - Machine Learning	NA	25/05/2020	20	Employability and Entrepreneurship	Placements and Real time experience
Summer training on Basics of Control systems	NA	21/05/2020	20	Employability and Entrepreneurship	Placements and Real time experience
Summer training on Basics of Power Electronics	NA	21/05/2020	20	Employability and Entrepreneurship	Placements and Real time experience
Summer training on Basics of Power Systems	NA	21/05/2020	20	Employability and Entrepreneurship	Placements and Real time experience
Summer training on Basics of Electrical Machines	NA	21/05/2020	20	Employability and Entrepreneurship	Placements and Real time experience
Summer training on Communication Skills	NA	21/05/2020	10	Employability	Placements
SAP ABAP	NA	13/03/2019	20	Employability	Placements
Campus Recruitment Training(CRT)-JAM	NA	16/09/2019	7	Employability	Placements
Campus Recruitment Training(CRT)-Aptitude	NA	16/09/2019	7	Employability	Placements
Technical Training on Android	NA	23/05/2020	20	Employability	Placements
Technical Training on PYTHON	NA	23/05/2020	20	Employability	Placements
Technical Training on Web Application Development	NA	23/05/2020	20	Employability	Placements

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NO NEW PROGRAMS INTRODUCED	Nill

No file uploaded.

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System

BTech	COMPUTER SCIENCE AND ENGINEERING	15/07/2019
BTech	INFORMATION TECHNOLOGY	15/07/2019
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	15/07/2019
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	15/07/2019
BTech	MECHANICAL ENGINEERING	15/07/2019
BTech	CIVIL ENGINEERING	15/07/2019
Mtech	COMPUTER SCIENCE AND ENGINEERING	26/08/2019
Mtech	Wireless and Mobile Communication	26/08/2019
Mtech	VLSI	26/08/2019
Mtech	Electrical Power Engineering	26/08/2019
Mtech	Power Electronics and Electric Drives (PEED)	26/08/2019
Mtech	CAD / CAM	26/08/2019
Mtech	Structural Engineering	26/08/2019
MBA	Master of Business Administration(MBA)	05/09/2019

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

	Certificate	Diploma Course
Number of Students	2513	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Soft Skills: I Year UG	01/08/2019	451
Life Skills (Yoga/Meditation): I Year UG	01/08/2019	451
Soft Skills: II, III, IV Year UG	15/07/2019	1500
Life Skills (Yoga/Meditation): II, III, IV Year UG	15/07/2019	1500
Soft skill program on "How to Choose Your Career" by "GLOBAL CAREER POINT"	27/07/2019	150

No file uploaded.

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Computer Science and Engineering	27
BTech	Mechanical Engineering	70
MBA	Finance,HR,Marketing	61
BTech	Electrical and Electronics Engineering	27
BTech	Information Technology	2
BTech	Civil Engineering	11
BTech	Electronics & communication Engineering	16

No file uploaded.

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

This Feedback System provides a framework for: 1. Monitoring and improving the quality of students' learning experiences through the timely collection, analysis and reporting of student feedback concerning teaching, learning and assessment. 2. Providing students and stakeholders with the opportunity to actively participate in the continual improvement of programs. 3. Recognizing, documenting, supporting and extending good practices for effective implementations of curriculum provided by affiliating University. 4. Ensuring the provision of information to students and stakeholders regarding the consideration of feedback collected over time, including actions taken to address concerns raised in any feedback received. Responsibilities: • The department academic in-charge and the IQAC Academic Audit cell are jointly responsible for the collection, analysis and reporting of stakeholder feedback relating to academic programs. • Coordination of responses to feedback will be the responsibility of the Heads of Departments. Feedback Provisions: • All students and stakeholders have the opportunity to provide feedback. • Student feedback is a core component of program evaluation but feedback is also sought from Alumni, Graduates, Parents, Industry partners and Academic peers. • Feedback

processes will be systematic, rigorous and respectful of the rights of students and staff and will incorporate strategies to maximize student participation. • A range of feedback mechanisms including surveys, focus groups, informal comments and other participatory activities will be employed as appropriate. Collecting Feedback: • The Institute seeks student feedback in a form which can be captured, analyzed and reported every time a course is delivered through course end survey. • A core set of questions will form the basis of a survey deployed to systematically evaluate teaching and learning in all UG and PG courses. • Stakeholder feedback will be collected as required for specific purposes using methods appropriate for the specific feedback sought. Actions on summarized feedback: • All the feed backs received from various stakeholders are summarized and analysis is carried out at department level. • Recommendations made from the feedback comprise, recommendations to Board of studies for changes in the syllabus of the university and the suggestions made to management on procurement of facilities and equipments. • Recommendations received from the heads are discussed in HODs meeting and forwarded to management for approval/sanctions. The whole objective of the feedback system is effective implementation of Curriculum for better learning and continuous improvement of the processes and practices.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Computer Science and Engineering	240	193	193
BTech	Electronics and Communication and Engineering	240	158	158
BTech	Information Technology	60	39	39
Mtech	Structural Engineering	18	11	11
Mtech	Power Electronics and Electrical Drives	18	13	13

View File

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2392	172	205	45	15

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
250	250	24	70	0	17

View File of ICT Tools and resources

View File of E-resources and techniques used

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

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. The institute has embarked on a new initiative to determine Entry Skills of incoming first year students. They are administered screening test to determine their strengths and weaknesses in various parameters as follows: 1. Communication skills test: to test listening skills, speaking skills and reading skills. This can be graded by the English faculty. 2. Quantitative skills and analytical skills: This can be graded by the Aptitude trainer. 3. Basic knowledge in fundamental subjects: Maths, Physics, Chemistry and any other. These can be graded by the concerned subject faculty. 4. Additional counseling: on attitude, behavior, psychological etc by Mentor. MENTORING SYSTEM: 1. 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. Mentor may be changed semester to semester. 2. So every semester parents should collect the details from the college such as Name and contact details of Mentor, Class I/C and Department Incharges and regularly communicate with them about student's regularity, punctuality, academic performance and behavior in the campus. 3. Maintaining 75 and above attendance is mandatory as per the JNTUH norms as well as our college academic policy. Hence parents must ensure that the student is regular in attending the classes. Initiatives for Assisting the Slow learners: 1. Identifying the weak students based on their academic performance based on Mock Test and Mid Exams. 2. Bridge classes are conducted in courses based on the performance in Mock Test and Mid Exams. 3. Remedial classes are conducted in courses where failures are more in external exams. 4. Parent Teacher Meetings are conducted periodically to have interaction between faculty members and the parents to discuss about the progress of their wards and actions to be initiated, if any. 5. Counseling with mentors and the professional counselor is arranged. 6. During project work, they are teamed with advanced learners for enabling the peer learning. 7. Audio visual aids/ multimedia Initiatives for motivating Advanced Learners: 1. Arranging lecture/training on advanced topics as a certification course for Students. 2. The students are encouraged to do online certification courses like SWAYAM-NPTEL, MOOCs, Coursera, edX, etc. 3. They become members of CSI, ACM and ISTE student's forum and organize technical events. 4. The students having orientation towards research are supported by faculty members to conduct their research in right direction and publish their work in National/International Conferences/Journals. 5. 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.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2564	250	1:10

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
250	250	0	62	49

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr.R.Madana Mohana	Associate Professor	"Letter of appreciation" as a Single Point of Contact (SPOC), NPTEL, IITM
2020	ABHISHEK KUMAR	Assistant Professor	Young Scientist Award in IEEE URSI GASS 2020
2020	Dr. Anil Sahu	Associate Professor	IBM hackathon event in the year 2020 ("Top 16 Selected Teams")
2020	Dr Papiya Dutta	Associate Professor	IBM hackathon, IBM NASSCOM (SPOC Appreciation)
2020	T. Ramachandru	Assistant Professor	Certificate of appreciation (given by Village President) for Valuable contribution in service to Village People that is one week NSS Special Village Camp at Kappahad Village, held during 10/03/2020 to 16/03/2020.
2019	Dr.R.Madana Mohana	Associate Professor	"UTHAMA ACHARYA PURASKAR: 2019" by Indian Servers in association with Lions Club International, Vijayawada, Telangana IT Association and Information Technology companies association of Andhra Pradesh.
2019	Maheswarraw Sundargiri	Assistant Professor	Appreciation award from Telangana TPO Forum for his exemplary work.
2019	G. Surendar Reddy	Assistant Professor	"Mentor Certificate" for participating as Mentor in the AICTE Chhatra Viswakarma Awards-2019 regional level competitions held on 13th December 2019 at Geethanjali College of Engineering and Technology, Hyderabad, Telangana.
2019	Chandika Mohan Babu	Assistant Professor	Certificate of Appreciation in recognition of his efforts as the IETE Student's Forum (ISF) coordinator of BIET in organizing student level competition on the theme "The role of Artificial Intelligence Machine Learning in the Development of Society

View File

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	A01	IV Year-II Sem	26/09/2020	01/11/2020
BTech	A02	IV Year-II Sem	26/09/2020	01/11/2020
BTech	A03	IV Year-II Sem	26/09/2020	01/11/2020
BTech	A04	IV Year-II Sem	26/09/2020	01/11/2020
BTech	A05	IV Year-II Sem	26/09/2020	01/11/2020
BTech	A12	IV Year-II Sem	26/09/2020	01/11/2020
MBA	E00	II Year-II Sem	26/09/2020	20/11/2020
Mtech	D04	II Year-II Sem	11/11/2020	31/12/2020
Mtech	D20	II Year-II Sem	11/11/2020	31/12/2020
Mtech	D54	II Year-II Sem	11/11/2020	31/12/2020

View File

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

The Internal Assessment system is carried out in a systematic manner and is transparent. Theory courses, Laboratory courses, Seminars and Project works are evaluated internally. During the induction program, the first year students are oriented by the personnel from the exam cell regarding the evaluation system (both internal and external). 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. Different faculty members may teach the same course for different section/branch students. In such cases, internal question papers for descriptive examination are collected separately from each faculty member and selected one among them before the start of the examination. 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. For the Assignment test, five questions are given to each student well before the mid examinations. They need to refer various text books and other resources, answer them and submit to the respective faculty member before the commencement of mid exams. They are evaluated by the respective faculty members and shown to students to bring out discrepancies, if any, necessary corrections are made and marks are noted. The assignment scripts are returned to students for further reference. 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 begining of the semester. After the evaluation, the marks are displayed in the notice boards for verification. 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.

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

1. 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. 2. 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. 3. 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. 4. An average of both these examinations is calculated to attain the final internal marks of the student. These marks are also utilized to identify the slow learning students and conducts bridge classes to improve their performance before the external examination. 5. 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. 6. The assignments given to the students involve unaddressed program outcomes. This helps the students attain knowledge beyond the syllabus as these topics are not covered by the exams conducted by the university but are still relevant. These assignments are given two times in a semester. The students are to complete them within the time given to adhere to the university's academic calendar. 7. Following the university calendar, every

department creates internal calendars to ensure timely delivery of syllabus. Every teacher follows a strict agenda that is discussed and approved by the head of their respective department. This is followed by deducing a day-to-day division of topics and chapters. These topics and chapters are chosen keeping the upcoming CIE in mind. The timeline created allows for the students to complete the given syllabus in enough time. The students are given plenty of time before the examinations as well to prepare and practice their concepts. 8. In case of any required change, the university communicates the modification to the college and the college enforces the same. In any condition, the academic calendar is followed and respected by teachers of all departments.

2.6 – Student Performance and Learning Outcomes

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

http://biet.ac.in/pdfs/2.6.1%20COs.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
D58	Mtech	Computer Science and Engineering	2	2	100.00
D65	Mtech	Wireless Mobile Communications	5	5	100.00
D04	Mtech	CAD/CAM	4	4	100.00
A05	BTech	Computer Science and Engineering	171	144	84.21
A12	BTech	Information Technology	44	39	88.64
A01	BTech	Civil Engineering	100	84	84.00
D20	Mtech	Structural Engineering	18	18	100.00
D54	Mtech	Power Electronics and Electrical Drives	8	8	100.00
D57	Mtech	VLSI	8	8	100.00

View File

2.7 – Student Satisfaction Survey

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

http://biet.ac.in/pdfs/2.7.1.%20STUDENTS%20SATISFACTION%20SURVEY%202019-20%20REPORT.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	365	MHRD-UBA(UNNATH BHARAT ABHIYAAN)	150000	50000
Minor Projects	365	MHRD-UBA(UNNATH BHARAT ABHIYAAN)	50000	50000

No file uploaded.

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
The Virtual Lab Workshop	BIET-IIC	31/01/2020
e-impact lecture series workshop-1 On "INTELLECTUAL PROPERTY RIGHTS(IPRs)"	BIET-IIC	30/06/2020
Five Days ICT mode STP on Embedded Systems IoT	ECE	20/01/2020
FUTURE VEHICLE TECHNOLOGY ACROSS GLOBE	Mechanical	15/02/2020
JOB OPPORTUNITIES IN PIPE INDUSTRY	Mechanical	24/02/2020
JOB OPPORTUNITIES IN PIPE INDUSTRY	Mechanical	26/09/2019
workshop on Research Development skills	CSE	30/06/2020
Design Thinking e-Workshop	CSE	25/02/2020
Short Term Course on Climate Change and Disaster Management	Mechanical	10/02/2020
Seminar on "Engineering Materials"	SCIENCES AND HUMANITIES	03/12/2019
One day Workshop on Chemo informatics and Engineering	SCIENCES AND HUMANITIES	28/11/2019
One day workshop on PLC Programming and Software Practice	EEE	08/11/2019
Hackathon was organised for I yr students	SCIENCES AND HUMANITIES	30/10/2019
Two days Workshop on Role of Python in IT Industry	CSE	13/11/2019
Seminar on CYBER JAGRUTHI-An Awarenwess Campaign on Cyber Crimes	CSE	08/11/2019
Seminar on " Field Based Research for Industrial Growth"	EEE	23/10/2019

One Day Awareness Workshop on Role of IPR in Innovation Product Development	ISTE Chapter and RD Cell	26/10/2019
Student Solar Ambassador Workshop	ECE	01/10/2019
Seminar on Choices and Challenges for becoming an Entrepreneur	ECE	26/09/2019
Pedagogy Worksop for Educators	SCIENCES AND HUMANITIES	30/07/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
'Crack the COVID-19 Crisis'	Chamarthi Hemanth Kumar, ECE student	NASSCOM in association with IBM	26/06/2020	"Top 16 Selected Teams" of the Hackathon 'Crack the COVID-19 Crisis' organized by NASSCOM in association with IBM.
'Crack the COVID-19 Crisis'	Ch. Prabhu Kumar, CSE student	NASSCOM in association with IBM	26/06/2020	"Top 16 Selected Teams" of the Hackathon 'Crack the COVID-19 Crisis' organized by NASSCOM in association with IBM.
Global Student Solar Ambassadors Workshop	Dr. K. S. Balamurugan	IIT Bombay	02/10/2019	Certificate of appreciation for outstanding contribution, coordination and participation during the Global Student Solar Ambassadors Workshop organized globally on 2nd October 2019 to commemorate the 150th Birth Anniversary of Mahatma Gandhi.
Performance of Institutions Innovation Council(IIC) Calendar Year 2019-20	Bharat Institute of Engineering and Technology	MoEs Innovation Cell	30/06/2020	THREE STAR Rating for the IIC Calendar Year 2019-20
Hackathon	Bharat Institute of Engineering and Technology	IBM NASSCOM	30/06/2020	Institute Appreciation
Hackathon	Dr Papiya Dutta	IBM NASSCOM	30/06/2020	SPOC Appreciation
Hackathon	Dr. Anil Sahu	IBM NASSCOM	30/06/2020	Best project Mentor

Innovative solution/prototype under the theme of "How to enhance the income of villages"	G. Surendar Reddy	AICTE	13/12/2019	Mentor Certificate in AICTE Chhatra Viswakarma Awards-2019
A System for Detection of Corona Virus in Human Body Using Artificial Intelligence	Dr. Madhusudhan	Australian Government	14/10/2020	Certificate of Grant on Innovation Patent
The team presented an innovative solution/prototype under the theme of "How to enhance the income of villages".	Yamini, Sai Bindhu, Shirisha, Sowmya , ECE	AICTE	13/12/2019	"Certificate for Participation" for participating as Team Member in the AICTE Chhatra Viswakarma Awards-2019

No file uploaded.

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Institutions Innovation Council (IIC)	Institutions Innovation Council(IIC)	MoEs Innovation Cell	Creation of Awareness	Converting ideas into implementation	30/08/2019
Entrepreneurship Initiatives	Unnat Bharat Abhiyan (UBA), Centre for Rural Development and Technology	IIT Delhi	Creation of Societal development Awareness	Villages adaptation and development	04/11/2019

No file uploaded.

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	5	3

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

Name of the Department	Number of PhD's Awarded

CSE	1
ECE	1
EEE	4
Mechanical	1
Civil	1
Sciences and Humanities-Mathematics	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	EEE	14	Nill
International	ECE	12	Nill
International	MBA	10	Nill
International	Mechanical	2	Nill
International	Sciences and Humanities	2	Nill
International	CSE	1	Nill

View File

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

Department	Number of Publication
CIVIL	1
SCIENCES AND HUMANITIES	2
MBA	4
EEE	7
ECE	9
CSE	14
Mechanical	24

No file uploaded.

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
DETAILS ARE IN ATTACHED EXCEL FILE	Nill	Nill	Nill	Nill	Nill	Nill

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
DETAILS ARE IN ATTACHED EXCEL FILE	Nill	Nill	Nill	Nill	Nill	Nill

View File

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	91	348	1	9
Presented papers	12	3	0	0
Resource persons	9	5	0	0

No file uploaded.

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Mahatma Gandhi 150th Birth Anniversary Celebrations	JNTUH	2	90
Road Safety Week	Ibrahimpatnam Police	10	30

National Voter Day Celebrations	Ravindra Bharathi Unnat Bharat abhiyan	2	8
World Cancer Day SK Run	Peoples Plaza Necklace Road	3	10
Designing Destiny Through Heartfulness Programme	Kanha Village	10	30
Yuva Spardha 2K20	Nampally Rural immersion	4	20
RK Math and Ramdaspalli Fild vist	Kappahad Village	10	48
NSS Village Camp	Kappahad Village	25	60
Covid 19 Awareness Programme	All the NSS Volunteers District wise Donate the Masks, Vegetables, Rice, Sanitizers, and cleanliness near by Locality during Lockdown Period.	12	40
Rashtriya Swachhta Kendra	Recykal	50	100

[View File](#)

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
PROJECT PRITHVI A Pan India Programme for students and youth,Webnair on waste management and sustainability, July 9th 2020	Certificate of Appreciation	Hindustan Coca-Cola Beverage Pvt LTD UNDP INDIA Partnership,Recykal	300
UBA: SHIKSHAK PARV:Creating Awareness about National Education Policy 2020	Certificate of Appreciation	MINISTRY OF EDUCATION, NEW DELHI	400
UBA:Swachha Actionpost covid for sanitation Hygiene	Certificate of Appreciation	MGNCRE, DHE, MHRD COIMBATORE	300
MHRD Innovation Cell	Certificate of Appreciation	MHRD, GOVT OF INDIA	150
Solar Workshop	Certificate of	IIT Bombay	30

| Blood Donation Camp | Certificate of Appreciation | Indian Red Cross Society | 25 |
| Special Village camp | Certificate of Appreciation | Grama Panchyath, Toolekalan village, Ibrahimpatnam (Mandal), Ranga Reddy Dt. | 30 |

| [View File](#) |

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Road Safety Week	Ibrahimpatnam	National Service Scheme	10	30
Mahatma Gandhi 150th Birth Anniversary Celebrations	JNTUH	National Service Scheme	2	90
Haritha Haram Programme	BIET	National Service Scheme	5	130
Awareness of Swachh Bharat	BIET	National Service Scheme	2	50
Essay writing competition on Mahatma Gandhis Life	BIET	National Service Scheme	2	10
National Voter Day Celebrations	Ravindra Bharathi Unnat Bharat abhiyan	National Service Scheme	2	8
World Cancer Day 5K Run	Peoples Plaza Necklace Road	National Service Scheme	3	10
Yuva Spardha 2K20	Nampally Rural immersion	National Service Scheme	4	20
Covid 19 Awareness Programme	BIET	National Service Scheme	12	40
Rashtriya Swachhta Kendra	Recykal	National	4	30

	Service Scheme	

View File

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
DETAILS ARE SHOWN IN THE ATTACHED FILE	Nill	Nill	Nill

View File

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
DETAILS ARE SHOWN IN THE ATTACHED FILE	Nill	Nill	Nill	Nill	Nill

View File

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
DETAILS ARE SHOWN IN THE ATTACHED FILE	Nill	Nill	Nill

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
180	179.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

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

No file uploaded.

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	19.1	2016

4.2.2 – Library Services

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

View File

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
R MADANA MOHANA	INTRODUCTION TO R PROGRAMMING	Udemy	25/08/2020
R MADANA MOHANA	FORMAL LANGUAGES AND AUTOMATA THEORY	BIET INTRANET SERVER	24/08/2020

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1315	1065	1065	0	0	50	200	300	0
Added	0	0	0	0	0	0	0	0	0
Total	1315	1065	1065	0	0	50	200	300	0

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

300 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture Capturing System (LCS)	http://biet.ac.in/images/inner/BIET%20ICT%20ROOM.mp4

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
20	20.5	140	140.9

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

The physical, academic and support facilities like classrooms, labs, seminar halls, auditorium, computer centre, transport, auditorium, conference room etc., are well maintained and used based on the requirement as per the standard procedure. There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. • Admin Committee • Academic Committee • Library Committee • Repair and Maintenance Committee • Infrastructure Procurement Committee • Electrical maintenance Disaster management • Event Management: (a)Protocol , (b)Transportation Logistics, (c)Purchase and Food • Arrangements , Stage decoration and management, Hospitality ,Press Media Once the Calendar of Events is prepared in the beginning of the semester, the time-table for each section of every semester is prepared allotting the classrooms and the laboratories. This facilitates the optimum usage of resources. Certain laboratories and workshops are required to be shared and utilized as common facilities. Such facilities are shared by different departments. At the beginning of the semester the time table in charge will resolve this issue by consulting the HODs and the principal. Classrooms, laboratories auditorium: Class rooms and auditorium come under daily maintenance. 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. Repairs and Maintenance of laboratory equipments are initiated by the respective Laboratory In charge as and when required. As per the requirement, minor repairs are carried out by lab assistant/s. Faculty In charge and HOD handles the major repair/maintenance by placing order to the concerned equipment experts. Computers and allied Infrastructure: 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 equipment with major repair, are being repaired by outside agency. After receiving quotation for maintenance and repair charges necessary approval from college authorities and management is taken. Thereafter equipment is sent for repairing by issuing gate pass and the status of repair work is tracked. Library, Sports and Games: 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. Electrical Facilities: 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. Buildings and Infrastructure: Maintenance of buildings and related areas are undertaken by the Facilities Department. Maintenance staff consists of Qualified.

http://biet.ac.in/pdfs/4.4.2%20Procedures%20and%20policies%20for%20maintaining%20and%20utilizing%20physical,%20academic%20and%20support%20facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Freeship	80	2293650
Financial Support from Other Sources			
a) National	Scholarship-Reimbursement of Tuition Fee (RTF)	1871	58218600
b)International	NA	0	0

No file uploaded.

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			

	View File

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2020	Guidance for competitive examinations Career Counselling	472	1750	51	260

No file uploaded.

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Please see the Attachment	Nill	Nill	Nill	Nill	Nill

View File

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	11	Nill	Details are provided in EXCEL Sheet	Nill	Nill

View File

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

Items	Number of students selected/ qualifying
GRE	31
Any Other	27

View File

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

Activity	Level	Number of Participants
Details available in attached Excel file	Nill	Nill

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nill	Details are attached in EXCEL File	Nill	Nill	Nill	Nill	Nill

View File

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

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, in following rules, regulations and execution of skills. Student Councils are actively participating and organizing various activities related to academics, co- curricular and Extra-curricular activities, with the guidance of faculty. They are providing great support to college related academic / administrative work with the help of other students. They are actively involving in motivating the students to participate in various activities conducted by the college. 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. College is very keen in encouraging students to

participate in various academic and administrative committees. It improves the academic and administrative capabilities of a student. 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 • Students' representation and engagement in 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 and engagement in NSS committee as volunteers • Students' representation and engagement in NCC committee as volunteers • Students' representation and engagement in Club Activities as Student In-Charge Facilitator and Student Assistant In-Charge Facilitator for co-curricular and extracurricular activities • Students' representation and engagement in Alumni Activity committee as members • Students' representation and engagement in Anti Ragging committee as representatives of students belonging to the freshers' category as well as senior students • Students' representation and engagement in IQAC as Student representative member • Students' representation and engagement in Department Advisory Council (DAC) as Student representative member • Students' representation and engagement in Mini and Major Project Work as Team Leader

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sighting the above objectives of Alumni Activity committee our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions, Industrial visits and mentoring. The alumni of Institute is guiding and nurturing our students to become engineering professionals. It is our plan to develop everlasting relations with our alumni which in turn will give rise to mutual benefits.

5.4.2 – No. of enrolled Alumni:

450

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

1082000

5.4.4 – Meetings/activities organized by Alumni Association :

BIET hosted its Annual Alumni Meet on 27th April, 2019 at the BIET Campus.The Chairman of BIET welcomed the gathering and briefed the members about the agenda. This was followed with a prayer by the students The president started the meeting with a proposal of designing a social media forum to make the alumni students get connected with the institution.Moreover to start a page in Face book so that it will be beneficial for the upcoming students as well.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Institution practices decentralization and participative management. Decentralization and operational transparency are the features of the institute Practice 1. Mentoring activities for students and staff: 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. In this activity, Mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. There are many benefits of mentorship in student development that includes communication, interpersonal relationship, technical, verbal, motor and leadership skills along with creative thinking and motivating students for extracurricular activity. IQAC initiated the Faculty development training programs to meet the requirements of Mentoring. The Mentors had interactive sessions with professional psychologists and Doctors this broadened their knowledge to understand the problems of student mentees. A meeting of faculty and student (Mentor and Mentee) is conducted on regular basis. Observations about students are recorded per meeting basis. Parents are also well informed about various aspects of development of their ward. The methodology and guidelines are reformed time to time as per the suggestions received from centralized meetings. Practice- 2. Teaching- learning and pedagogic initiatives: IQAC organized various teaching and learning initiatives by eminent academicians. 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 educational content and flexibility. Some of the initiatives taken are: a) Organizing expert sessions on various teaching-learning and pedagogic methods. b) Adapting to student centric, ICT enabled and interactive teaching learning methods. c) Organizing faculty enrichment programmes. d) Prominent academicians from reputed institutions were invited for guest lectures e) Monitoring student academic progress f) Periodical review of teaching learning process.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	To improve admissions, following salient activities are being done: • Advertisements in leading newspapers for B-Category admissions as per the State Government notification. • Brochure of the Institute is prepared. • Department Newsletters are prepared. • Institute brochures are shared with parents and students during the admission process. • Counseling of students and parents is done.
Human Resource Management	Key points of human resource management of the institute are as follows: • Staff requirements are obtained from all Heads of Department and reviewed by the Principal • Approval is taken from the

	management • Advertisement in leading newspapers and Institute website • Conducting interviews by Staff Section Committee • After internal recruitment JNTUH Recruitment through the Faculty Selection Committee shall comprise Chairman / Secretary / Representative (with proper authorization letter), Principal and HOD / Senior faculty of the Department of the concerned College along with two University nominees (to be nominated by the University). • Annual appraisal of all faculties done by HOD and reviewed by the Principal • Annual increment decide by management based on annual appraisals
Library, ICT and Physical Infrastructure / Instrumentation	Library is using KOHA 19.1 software for Library Automation. Information Kiosk is kept at library entrance for OPAC search facility. Digital library and wifi system is available in library for utilization of E-resources. Remote access made available. NPTEL Local chapter is coordinated by Library. IIT Mumbai, DELNET and J-GATE institutional membership facility provided. Institute enabled the following ICT tools for effective teaching learning process: FACULTY INNOVATIONS IN TEACHING-LEARNING http://biet.ac.in/cse-faculty-innovations.php NPTEL FACILITY a) NPTEL LOCAL SERVER http://172.16.16.30/NPTEL/ b) SWAYAM-NPTEL LOCAL CHAPTER https://nptel.ac.in/LocalChapter/statistics/626/ c) SWAYAM-NPTEL PARTICIPATION-FACULTY AND STUDENTS https://swayam.gov.in/NPTEL d) NPTEL VIDEOS https://nptel.ac.in/course.html STUDENTS AUTOMATION http://103.206.107.59/ecap/default.aspx BIET ICT-FACULTY E-CONTENT: http://172.16.16.30/BIET_ICT/ BIET ICT-MOOCs YOUTUBE CHANNEL https://www.youtube.com/channel/UCwzJc-NmUbGndi4WL7RJ8_Q e-RESOURCES (JOURNALS/MAGAZINES/E-BOOKS) CENGAGE-INFOTRAC: http://164.100.247.26/Search/Home J-Gate: http://biet.ac.in/jgate.php DELNET: http://biet.ac.in/delnet.php USEFUL ICT LINKS http://biet.ac.in/e-resources.php BIET ICT CENTRE AND FACULTY ICT LECTURES: http://biet.ac.in/FacultyE-Content.php
Examination and Evaluation	The affiliating University prescribes the overall Evaluation Examinations process. The performance of a student in every subject/course (including practicals and Project Stage – I II) will be evaluated for 100 marks each, with 25 marks allotted for CIE (Continuous Internal Evaluation) and 75 marks for SEE (Semester End-Examination). 1. For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper is set with 20 multiple choice, fill in the blanks and matching type of questions for a total of 10 marks. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 50 of the syllabus, the second mid-term examination shall be conducted on the remaining 50 of the syllabus. Five marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the University. The details of the end semester question paper pattern are as follows: a. The end semester examinations will be conducted for 75 marks consisting of two parts viz.

i) Part- A for 25 marks, ii) Part - B for 50 marks. • Part-A is a compulsory question consisting of ten sub-questions. The first five sub-questions are from each unit and carry 2 marks each. The next five subquestions are one from each unit and carry 3 marks each. • Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an "either" "or" choice, which means that there will be two questions from each unit and the student should answer either of the two questions. 2. For practical subjects there shall be a continuous internal evaluation during the semester for 25 marks and 75 marks for semester end examination. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University. 3. There shall be an Industrial Oriented Mini Project/Summer Internship, in collaboration with an industry of their specialization. Students will register for this immediately after III year II semester examinations and pursue it during summer vacation. Industrial Oriented Mini Project/Summer Internship shall be submitted in a report form and presented before the committee in IV year I semester. It shall be evaluated for 100 external marks. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer Internship and a senior faculty member of the department. There shall be no internal 3 marks for Industrial Oriented Mini Project/Summer Internship. 4. There shall be a seminar presentation in IV year I semester. For the seminar, the student shall collect the information on a specialized topic, prepare a technical report, and submit it to the department. It shall be evaluated by the departmental committee consisting of Head of the Department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 100 internal marks. There shall be no semester end examination for the seminar. 5. UG project work shall be carried out in two stages: Project Stage – I during IV Year I Semester, Project Stage – II during IV Year II Semester. Each stage will be evaluated for 100 marks. Student has to submit project work report at the end of each semester. First report includes project work carried out in IV Year I semester and second report includes project work carried out in IV Year I II Semesters. SEE for both project stages shall be completed before the commencement of SEE Theory examinations. 6. For Project Stage – I, the departmental committee consisting of Head of the Department, project supervisor and a senior faculty member shall evaluate the project work for 75 marks and project supervisor shall evaluate for 25 marks. The student is deemed to have failed, if he (i) does not submit a report on Project Stage - I or does not make a presentation of the same before the evaluation committee as per schedule, or (ii) secures less than 40 marks in the sum total of the CIE and SEE taken together. A student who has failed may reappear once for the above evaluation, when it is scheduled again if he fails in such 'one reappearance' evaluation also, he has to reappear for the same in the next subsequent semester, as and when it is scheduled. 7. For Project Stage – II, the external examiner shall evaluate the project work for 75 marks and the project supervisor shall evaluate it for 25 marks. The topics for industrial oriented mini project, seminar and Project Stage – I shall be different

	from one another. The student is deemed to have failed, if he (i) does not submit a report on Project Stage – II, or does not make a presentation of the same before the external examiner as per schedule, or (ii) secures less than 40 marks in the sum total of the CIE and SEE taken together. For conducting viva-voce of project stage – II, University selects an external examiner from the list of experts in the relevant branch submitted by the Principal of the College. A student who has failed may reappear once for the above evaluation, when it is scheduled again if student fails in such 'one reappearance' evaluation also, he has to reappear for the same in the next subsequent semester, as and when it is scheduled.
Curriculum Development	The Institute follows the curriculum approved by Jawaharlal Nehru Technological University Hyderabad (JNTUH). Our faculty members participate at various bodies of the university such as Academic Council, Board of Studies (BOS), and Subject Chairmen who contribute in framing of syllabus regularly. Institute has its own stakeholder's feedback policy in place. The purpose of this Policy is to provide a framework for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute's curriculum. All the feedbacks received from various stakeholders are summarized and analyzed. The recommendations are communicated to the BOS of Jawaharlal Nehru Technological University Hyderabad (JNTUH) for curriculum revision.
Teaching and Learning	Academic incharge of the department monitors the teaching learning process, and prepares a report which is periodically shared with the Institute IQAC Academic Audit Cell. The academic incharge monitors the following teaching learning activities: 1. Conduct of lectures and practicalsas per the time table 2. Preparation of the list of defaulters whose attendance is less than 75 3. Conduct of bridge classes for the defaulters 4. Coverage of the curriculum as per the syllabus 5. Continuous assessment (CAS) of the practicals 6. Conduct of project and seminar presentations 7. Conduct of the mock tests as per the lesson plan 8. Analysis of test results 9. Assignments as per the plan Activities of the Academic monitoring are periodically reviewed by the Principal and corrective actions taken.
Research and Development	Institute is having Research and Development Cell with the following objectives • To create awareness for Research and Development among faculty and students. • To create interest and motivate faculty to take up research projects in cutting edge technology. • To inculcate research attitude in students. • Motivate and facilitate students and faculty to solve social challenges through technological innovations. Institute conducts • Lectures, workshops to create awareness and protects Intellectual property rights of Faculty and students. During A.Y. 2018-19 Institute faculty filed 6 patents and 2 copyrights. Institute promotes and supports faculty and students for publishing their research work. In A.Y.2018-19 published 56 research papers in the Journals notified on UGC website. In A.Y.2018-19 published 59 total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings.
Industry Interaction / Collaboration	Interaction with industry for providing industrial exposure to students and faculty is of prime importance at BIET. For strengthening the teaching learning process, institute has initiated Industry practice. This has helped to improve interaction with industry with the involvement of every faculty. Institute has tried to standardize the difference processes in order to strengthen interaction with

industry. At the start of semester, every subject teacher has to plan industrial visit and expert talk by industry expert by providing all the details to the department such as industry details, planned date of conduction, budget required for the same, etc. All these activities should be for assigned subject for the faculty. Apart from, industry visit and expert talk, every department has to plan one / two day training programs in association with industry for the students. Plan of action should mention in the academic diary and Head of Department take review and monitor the conduction of all the planned activities as per the planning. Value added courses for the student in association with industry is another major aspect where institute is focusing. At the end of semester, standard formats are made available to the department to compile all the activities conducted in association with industry and summary sheet of the same is also prepared and communicated to all the departments for analysis and future plans.

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

E-governace area	Details
Planning and Development	E-ACP is a College Automation Package, designed and developed by Webpros Solutions Pvt Ltd, Visakhapatnam. ECAP aims at immediate availability of data in required formats ease the work of staff and management and increase in transparency and accountability in administration. Modules • Administration • Academics • Accounts • Admissions • Fee Payments • Examinations • Placements • Correspondence • Library • Staff • Central Stores • Departmental Stores • Hostel • Transport • Students Benefits of ECAP • Campus automation software enables institutions of higher learning including colleges to manage admission and learning process. Designed and developed to provide real help in managing enrollment of students attendance monitoring faculty providing fee details scheduling assignments grading students according to their performance and maintaining library. • Ours is a comprehensive web based software with a multitude of user-friendly features all included in a very responsive design. The software would help in managing the entire system from academic to administrative in a hassle free manner. The automated system allows teachers, students, parents and administrators to remain in touch with each other. It is for better communication and service. Admission process: The process involves interacting with students and providing authentic information to the students. Our objective is to develop the software that can take the hassle out of the process and make it more user-friendly. While online submission of documents can solve the problem to a greater extent, our software goes a step ahead in helping the administrative staff in processing the applications. Communication: Our platform facilitates uninterrupted communication between teacher, students and parents. Smooth communication ensures free flow of information. The info could be in the form of news, notice and events. Also students and parents can seek specific information related to academics. E-learning: The world is fast moving towards e-learning and all the institutions of higher learning are fast adopting the process of learning through the web. We help institutions in adopting latest technology. Our objective is to help remove the obstacles that you could come across during the process.
Administration	For the administration we are using ECAP- Engineering College Automation Package Campus automation

	software enables institutions of higher learning including colleges to manage admission and learning processes. They are designed and developed to provide real help in managing enrollment of students attendance monitoring faculty providing fee details scheduling assignments grading students according to their performance and maintaining library. The world is fast moving towards e-learning and all the institutions of higher learning are fast adopting the process of learning through the web. We help other institutions in adopting the latest technology. Our objective is to help remove the obstacles that other institutions could come across during the technology adoption process. Ours is a comprehensive web based software with a multitude of user-friendly features all included in a very responsive design. The software would help in managing the entire system from academics to administration in a hassle free manner. The automated system allows teachers, students, parents and administrators to remain in touch with each other.
Finance and Accounts	Tally Software, a accounting software package which has been used for pay slip generation, college tuition fee payment details, transport fee details etc.
Student Admission and Support	For the implementation of student admission and support we are making use of ECAP software package which has the following features under ADMISSION MODULE. ADMISSIONS • ADMISSION REGISTER • CASTES • DETAINED STUDENTS • GENERATE ID CARDS • LOCATION REPORT • RE-JOIN DATE • SECTIONS • TRANSFER • CIRCULARS • LIBRARY BOOKS • LEAVES HISTORY LIBRARY - KOHA SOFTWARE: In order to issue books to the students we are using koha software. NAVNEXT BIET COLLEGE BUS TRACKING APP: To know the bus status we are implemented with NavNext BIET college bus tracking app.
Examination	Students and faculty can track the details of examinations both internal and external and browse the examination results in a convenient way provided in the form of links in the BIET College website, directly in the JNTUH website, and very soon after in BIET college automation also. We are also using ECAP software package upload internal and external marks. The below are the features under examination modules: • EXTERNAL • INTERNAL • PROGRESS REPORT • CIRCULARS • LIBRARY BOOKS • LEAVES HISTORY

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	Nill	DETAILS ARE ATTACHED IN EXCEL	Nill	Nill

View File

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

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

No Data Entered/Not Applicable !!!

View File

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
DETAILS ARE ATTACHED IN EXCEL FILE	Nill	Nill	Nill	Nill

View File

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
286	286	39	39

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Extending EPF Scheme is implemented to all eligible members (as per PF Rules), Extending ESI facility is implemented to all eligible members (as per Govt. Norms), Group insurance is provided to all the Teaching staff members, Free Transportation to all faculty members, Additional Increments for Teaching Staff blessed with baby girl, 10 days of sabbatical 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, Medicines are available in the college for minor ailments, ATM facility is available in the campus.	Extending EPF Scheme is implemented to all eligible members (as per PF Rules), Extending ESI facility is implemented to all eligible members (as per Govt. Norms) Group insurance is provided to all the Non Teaching staff members, Concession in Transport fee to the staff, Medicines are available in the college for minor ailments, Uniform is provided for supporting staff, Maternity, Medical leaves / vacation is sanctioned for the required staff.	Insurance, Freeship from management, Cash award by management for winners in competitions like Project day and Hackathon etc.,

6.4 – Financial Management and Resource Mobilization

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

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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	NA

No file uploaded.

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Prof. Mahadevan (IEEE senior member and ABET ideal scholar)	Yes	IQAC
Administrative	Yes	Prof. Mahadevan (IEEE senior member and ABET ideal scholar)	Yes	IQAC

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

Involvement of parents in different initiatives is always appreciated. Parents contribute and give their valuable suggestions through their representation on following activities. 1. Representation on Department Advisory Council (DAC) 2. Visit to student project exhibitions 3. Parent teacher meet 4. Parents from industrial sector supports for enhancing industry institute interaction 5. Feedback on Curriculum

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

• Soft Skill development program • Regular development programs were arranged to nurture the Interpersonal skills. •

Training program for the supporting staff was organized in the areas such as fire safety, disaster management. • Programs have been conducted in the area of maintenance and upkeep facilities available in the Institution. • Need for the road safety has been demonstrated to the staff

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

1. Startup and Innovation Cell 2. SAP Training from second year onwards 3. SWAYAM-NPTEL Online certifications from First year onwards 4. CoCubes assessment from second year onwards 5. MOOCs courses from Coursera/eDx/Swyam/NPTEL for all years

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
		No Data Entered/Not Applicable !!!			

View File

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Induction programme	05/08/2019	18/08/2019	80	120
Yoga for girls	16/08/2019	16/08/2019	80	0
Plantation by girls	14/08/2019	14/08/2019	40	0
club elections	17/09/2019	19/09/2019	36	64
Student voice club for girls (WALL JOURNAL)	24/08/2019	24/08/2019	40	0
young orators competitions	18/09/2019	18/09/2019	13	29
Essay writing competitions	19/09/2019	19/09/2019	18	12

painting competetion	19/09/2019	19/09/2019	12	8
Rangoli competetions for girl students	17/09/2019	17/09/2019	40	0
Mehendi competetions for girl students	18/09/2019	18/09/2019	20	0
Singing competetions for girl students	18/09/2019	18/09/2019	23	0
Dandiya & Bathukamma Programme-2019 for girls	01/10/2019	01/10/2019	76	0
Freshers day-MS.freshers competetions	03/10/2019	03/10/2019	32	0
cultural programs by girls	03/10/2019	03/10/2019	60	0
Essay writing competitions	23/01/2020	23/01/2020	13	8
Republic day celebrations(Singing,Dancing Events)	24/01/2020	24/01/2020	37	28
International womens day	07/03/2020	07/03/2020	216	0

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

Percentage of power requirement of the University met by the renewable energy sources

The Institution has facilities for alternate sources of energy and energy conservation measures: 1. Solar energy 2. Biogas plant 3. Sensor-based energy conservation 4. Use of LED bulbs/ power efficient equipment Renewable energy source by solar panels is 1 Kw and so the street lights, network switches and computer appliances are operated with this solar energy. By using 300 LED bulbs (each with 20 W) 300 of tube lights energy 6 KW is saved. Total power requirement of the campus is 200 kW. Percentage of power requirement of the College met by the renewable energy sources is 3.5

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Braille Software/facilities	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

Nill	Nill	Nill	Nill	Nill	DETAILS ARE ATTACHED IN EXCEL FILE	Nill	Nill

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
CORE VALUES	08/07/2019	Bharat Institute of Engineering and Technology (BIET) engages in a process of self and community reflection that would lead us to recognize and heighten awareness of the core values we and our institution have already practiced and articulated, to seek agreement about those values, and to develop an institutional culture that holds itself accountable to those values.
CODE OF CONDUCT FOR FACULTY	08/07/2019	The rules shall regulate the service conditions of all Teaching and Non teaching staff of Bharat Institute of Engineering and Technology, either regular or probationary / adhoc appointed in the vacancy of an approved post.
CODE OF CONDUCT FOR STUDENTS	08/07/2019	The rules shall regulate the discipline, dress code, laboratory rules, regarding mid and end examinations.
CODE OF ETHICS	08/07/2019	Policy document on code of ethics contains work ethics, professional values, core values of the institute, service rules and code of conduct

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			

[View File](#)

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

Green landscaping with trees and plants: Institute NSS unit regularly carried out Tree plantation activity

Plastic free campus: Institute encourages non use of plastic in canteen and its awareness among students and staff.

Paper less office Institute purchased ERP (Enterprise Resource Planning) software system and implemented it for academic, training placement and administrative works to reduce paper work. EPR software is effectively used by

students, staff and faculties to perform their daily work and updates, which reduces the paper work and save time. In addition to this, Notices and Circulars by Principal and admin office are conveyed to all by emails and whatsapp.

Use of bicycles and public transport and pedestrian free roads. Our institute staff and students are using bicycles and public transport.

Rooftop rainwater harvesting: A roof top rain water harvesting structure is built inside the institute campus to minimize the withdrawal from ground water and is used for ground water recharge.

Solid waste management by using biogas: The solid waste generated from the institute canteen is effectively disposed through biogas and generated gas is used in canteen.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE – I 1. Title of the Practice: College Student to Corporate Professional 2. Objectives of the Practice The "College Student to Corporate Professional" sessions are organised for final year students to prepare them for industries and give awareness on corporate culture. 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 - Attitude, 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. This provides the idea about how to crack the non technical test in recruitment process. - Effective Communication Skills English is the dominant professional and business language and wide range of technological literature is available in it. So it is necessary to provide the support to the large number of engineering students who are coming with vernacular language. Every year English professions test is take for the students and detail diagnosis is prepared for improvement. Students are guided for reading, listing speaking and writing skills. Institute encourages students to enroll for Spoken Tutorials conducted by IIT Bombay and Swayam NPTEL courses - Group Discussion and Team Building Skills Many skills like leadership, critical thinking, listening skills, confidence, capability to co-ordinate, Knowledge potential, Body language, presence of mind, reasoning ability etc are associated with Group Discussion (GD). And this is the reason why GD is included in recruitment process by many companies. A session on How to do Group discussion is organized by the placements department before recruitment begins - Technical Skills To make the students job ready, certification programmes are organized by the departments by summer training/regular training and through Swayam-NPTEL, Internshala Trainings and Cognitive classes platforms. Students are also provided with aptitude training, Resume writing practice, mock test and mock interviews. The final year students undergo a technical training, conducted by industry personnel. BIET promotes Corporate Citizenship and bulk recruitment also. The Institute conducts technical exhibitions/festivals for grooming the students developing adaptability for technical talent / skill etc. of innovative nature. - Practical Skills For students practical skills have to be acquired through experience. They require the hands-on, problem solving activities that have

traditionally been the domain of laboratory courses. Labs are where students get the opportunity to engage with real lab equipment, to analyze authentic data, to experience and observations are made. Training the students in various day to day appliances like Mobile Testing and Repair, Servicing of fan and tube light, Repair of laptop etc. where engineering concepts are involved. - Project Skills The Reformed Teaching Learning Process method provides a detailed learning to students and also reduces them to initiate a project on the basis of what they have learnt in the classroom. Moreover, the institute is very much particular for involving the students in multifarious project works. The institute makes exhibition of the projects done by the fourth year students to motivate and enhance the cult of engineering and science to first, second and third year students - Etiquette and Interview Skills With a view to promote curriculum and extra-curriculum activities the Institute has various clubs operating like Technical Clubs, Cultural Clubs, Literary Clubs, Art Clubs and Sports Games Clubs which go in a long way to boost the innovative and creative mind frame of our students. 5. Evidence of Success • A unique mentoring process is followed wherein each faculty is allocated 20 students as a Mentor with an objective to constantly follow student progress and accordingly suggest changes in case of any deviation. • Motivation and support for students for appearing competitive exams and summer internship in industries, research Institute in India and abroad. 6. Problems Encountered and Resources Required Attitude, Verbal and Nonverbal Skills, Effective Communication Skills, Group Discussion and Team Building Skills, Technical Skills, Practical Skills, Project Skills and Etiquette and Interview Skills are handled by aptitude trainer, English faculty, in-house faculty and industry experts through the Campus Recruitment Training (CRT) and placements department. BEST PRACTICE – II 1. Title of the Practice: MENTORING SYSTEM FOR STUDENTS 2. Objectives of the Practice To minimize dropouts, improve performance and reduce stress of the students through personal counseling 3. The Context Students undergo various problems of stress-personal, academic, physical, mental. Engineering education is a time bound course with time limitations to complete your work especially during the first two years. Students are new to professional college life and the demands of education create a lot of stress, especially to hostel students who are away from family for the first time. Also, in the economically weaker students and students from educationally weak background, this creates a lot of complex and do not perform well due to inhibitions. Statistics reveal increasing number of suicides and dropouts. Considering the student-teacher ratio in classrooms, it is impossible at times to give personal attention to students in class. 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. 4. The Practice The practice is that of creating an efficient mentor-ward system. Each teacher is assigned 15-20 students for the complete duration of their study. They meet at least once a week to discuss, clarify and primarily to share various problems which may be personal, domestic, academic, etc. The mentors encourage the students to participate in co-curricular and extra-curricular activities and sports. Their academic performance and other activities are all recorded. Students should inform their mentors on all their movements like their absence from college, sickness etc. The mentors also keep in touch with the parents on their attendance, test performance, fee payment, examinations etc. The teacher is equipped with all the necessary information about his/her wards on a file. The teacher involves local guardians and parents as well, whenever necessary for any advice or help. At the end of every month the mentors prepare a report of their mentees progress. The mentors also counsel the students in need of emotional problems. When the students have any problem in any department either with the staff or with work completion the mentors speak with the respective staff and sorts out the problem. Mentors take special care of Slow learners, who are given advice on how to

study, prepare a time table for study and clarify the doubts and also given notes to study. The mentors of every batch are advised by department admin and academic incharges. They will meet the mentors once a month and get the report of the progress and achievements of students and complaints of and by the students. These complaints are discussed with the Principal and necessary action taken to rectify the complaints. 5. Evidence of Success It is needless to say that a mentor gets the job satisfaction. Evidence of success of the practice includes university ranks, better results in the examinations, more regular attendance, less drop outs, increased participation in co-curricular and extra-curricular activities, better discipline on campus and respectful relationship between teachers and students. The students are more relaxed and have a healthy relationship with the staffs. 6. Problems Encountered and Resources Required This practice requires well-committed teaching staff that has the desire to help students beyond teaching hours. There are no limitations or constraints faced during implementing the program

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

http://biet.ac.in/pdfs/7.2.1.pdf

7.3 – Institutional Distinctiveness

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

Distinctive Feature: 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.

Provide the weblink of the institution

http://biet.ac.in/cluba-activities.php

8.Future Plans of Actions for 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. Another aspect, institute is focusing is

social exposure to students and faculty by conducting extension activities. 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 and 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. Institute has been in association with various industries and providing very good industrial exposure to the students. In order to sustain and enhance the interaction with the industries, Institute has planned to focus on interaction with industry with the involvement of every faculty and students as well. Also, planned to firm up association with industry by signing MoU for formal collaboration. 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. Intensive training for preparing students for competitive examinations Recently, Institute has formulated GAET Higher Education coaching committee for competitive examinations. This committee will work for providing support to students willing to prepare for various competitive examinations and for creating conducive environment for students for the same. 6. 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.